



DEWALT

BESSEY

GRAY TOOLS

aurora tools

AMPCO
USA

REELCRAFT



TOOLS & EQUIPMENT



Cordless Power Tools & Accessories	1162 - 1173
Corded Tools & Accessories	1174 - 1195
Dremel Tools, Heat Guns & Accessories.....	1196 - 1198
Cutter, Core & Drill Bits	1199 - 1204
Saw Blades.....	1205 - 1210
Air Tools & Accessories	1211 - 1239
Hoses, Reels & Clamps	1240 - 1245
Fittings, Couplers & Valves	1246 - 1258
Compressors & Accessories	1259 - 1272
Drill Press.....	1273 - 1275
Drill Chucks	1276 - 1277
Bench Grinders & Grinding Wheels.....	1278 - 1279
Shims, Gauges & Machinist Tools.....	1280 - 1281
Measures, Squares, Levels & Calipers.....	1282 - 1292
Vises, Magnets & Clamps.....	1293 - 1307
Hand Tool & Accessories.....	1308 - 1317
Tool Sets.....	1318 - 1321
Socket & Wrench Sets.....	1322 - 1346
Screwdrivers, Insert Bits & Hex Keys	1347 - 1358
Pliers, Knives, Scissors & Bolt Cutters	1359 - 1372
Hammers, Pry Bars, Punches & Gasket Cutters	1373 - 1382
Plumbing Tools	1383 - 1387
Insulated, Non-Sparking & Non-Magnetic Tools	1388 - 1396
Tool Storage	1397 - 1415

JOBOX

Lufkin

Makita

DOTCO

Milwaukee

Garant

CORDLESS POWER TOOLS & ACCESSORIES

12 V, 3/8" CORDLESS DRILL/DRIVER

- Battery protection system provides over-discharge, temperature and circuit protection
- LED job light with pre-glow and after-glow feature illuminates work area
- Ergonomic soft rubber grip design for vibration absorption and comfortable operation
- Battery Type: Lithium-Ion
- Wood Capacity: 3/8" (10 mm)
- Steel Capacity: 13/16" (21 mm)
- Noise Level: 70 dB(A)
- Vibration Level: 2.5 m/s²
- Clutch Settings: 18
- Includes: Two 12 V (1.5Ah) CXT Batteries, Charger, Battery Cover, Phillips Bit 2-50, 3/8" Keyless Drill Chuck, Plastic Carrying Case

Model No. TYP306
Mfg. No. DF331DSYE
Price/Each \$



SPECIFICATIONS

Voltage:	12 V
Chuck Size:	3/8"
Max Torque:	250 in.-lbs.
# of Speed Settings:	2
No Load RPM Settings #1:	0-450
No Load RPM Settings #2:	0-1700
Chuck Type:	Keyless
Tool Weight:	2.4 lbs.

3/8" CORDLESS DRILL/DRIVER

- Brushless DC motor generates less heat build-up and is ideal for prolonged use in manufacturing/production applications
- 20 clutch settings + drill mode
- Battery protection system provides over-discharge, temperature and circuit protection for enhanced performance, battery cycle life and overall battery life
- LED job light with pre-glow and after-glow feature illuminates work area
- Ergonomic soft rubber grip design for vibration absorption and comfortable operation
- Battery Type: Lithium-Ion
- Includes: Two 12 V max (1.5Ah) CXT batteries, charger, battery cover, keyless drill chuck, Phillips bit 2-50, hook, plastic carrying case

Model No. TYW996
Mfg. No. DF332DSYE
Price/Each \$



SPECIFICATIONS

Voltage:	12 V
Chuck Size:	3/8"
Max Torque:	280 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-450
No Load RPM Setting #2:	0-1500
Chuck Type:	Keyless
Tool Weight:	2.3 lbs.
Clutch Settings:	20

12 V LITHIUM-ION SUB-COMPACT CORDLESS DRILL/DRIVER KITS

- Clutch settings: 14+1
- Features: Light compact design
- Built-in LED light
- Battery Fuel gauge
- Includes: (2x) 1.4 Ah Lithium-Ion Batteries, Charger and Tool bag
- Battery Type: Lithium-Ion

Model No. TLZ166
Mfg. No. 2401-22
Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	1/4"
Max Torque:	150 in.-lbs.
# of Speed Settings:	1
No Load RPM Setting #1:	0-500
Chuck Type:	Hex quick change
Tool Weight:	2.1 lbs.
Replacement Battery Model No.:	TLZ368



12 V M12™ 1/4" HEX 2-SPEED SCREWDRIVERS

- On-board battery Fuel gauge displays remaining run time
- New ergonomic handle design for increased comfort
- LED light
- Includes: (2x) M12™ Redlithium™ battery, M12™ Lithium-Ion battery charger, belt clip and carrying case

Model No. TLV676
Mfg. No. 2406-22
Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	1/4"
Max Torque:	275 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-400
No Load RPM Setting #2:	0-1500
Chuck Type:	Hex quick change
Tool Weight:	2.2 lbs.
Replacement Battery Model No.:	TLZ368



12 V M12™ FUEL™ 1/4" HEX 2-SPEED SCREWDRIVERS

- Redlithium™ Battery Technology delivers more work per charge and more work over pack life than any battery on the market
- Redlink Plus™ Intelligence provides optimized performance and overload protection using total system communication between tool, battery and charger
- LED light
- Includes: (2x) M12™ Redlithium™ 2.0 compact battery pack, M12™ Lithium-Ion battery charger, belt clip and hard carrying case

Model No. TLV679
Mfg. No. 2402-22
Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	1/4"
Max Torque:	325 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-450
No Load RPM Setting #2:	0-1700
Chuck Type:	Hex quick change
Tool Weight:	2.0 lbs.
Replacement Battery Model No.:	TLV694





ZENITH®
Safety Products

EYEWEAR SPILL CONTROL

SAFETY

GLOVES TRAFFIC CONTROL

CORDLESS POWER TOOLS & ACCESSORIES

18 V 1/2" DRILL DRIVER

- Compact and lightweight design
- All-metal gear construction ensures high transmission durability
- Single sleeve keyless chuck enables easy bit installation/removal with one hand
- Ergonomically designed rubberized soft grip provides more control and comfort
- Includes: (2) 1.5 Ah Li-Ion batteries and charger

Model No. TYB806

Mfg. No. DDF453SYE

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck size:	1/2"
Battery Type:	Lithium-Ion
No Load RPM:	1300
Max. Torque:	250 in-lbs.



1/2" CORDLESS DRILL/DRIVER

- Twin LED jobs light with pre-glow and after-glow functions
- Battery protection system provides over-discharge, temperature and circuit protection for enhanced performance, battery cycle life and overall battery life
- Ultra-compact design
- Includes: Two 18 V (compact) Li-Ion batteries, standard charger, battery cover, double ended bit 2-45, 1/2" keyless drill chuck, hook, plastic carrying case

Model No. NJX121

Mfg. No. DDF482SYE

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	480 in-lbs.
# of Speed Settings:	2
No Load RPM setting #1:	0-600
No Load RPM setting #2:	0-1900
Clutch Settings:	21
Chuck Type:	Keyless
Tool Weight:	3.3 lbs



20 V MAX XR COMPACT 1/2" DRILL

- Brushless motor delivers up to 57% more run time over brushed
- XR Li-Ion batteries with fuel gauge provide 33% more capacity over standard packs
- Ergonomic comfort grip handle provides ideal balance & tool control
- LED light with 20 second trigger release delay provides increased visibility
- Includes: (2) 20V Max XR Compact Li-Ion Batteries (2.0Ah), Fast charger, Belt hook, On-board bit holder and kit box

Model No. TYD749

Mfg. No. DCD791D2

Price/Each \$

SPECIFICATIONS

Voltage:	20 V
Chuck Size:	1/2"
Max Torque:	360 UWO
# of Speed Settings:	2
No Load RPM Setting:	2000
Chuck Type:	Metal Ratcheting
Replacement Battery Model No.:	TLV656



18 V XRP DRILLS/DRIVERS

- 3-speed all-metal transmission
- High power, high efficiency motor
- Built-in LED light
- Includes: (2x) 18 V NiCd batteries, charger, side handle and case

Model No. TLZ874

Mfg. No. DCD940KX

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	450 UWO
# of Speed Settings:	3
No Load RPM Setting #1:	0-500
No Load RPM Setting #2:	0-1250
No Load RPM Setting #3:	0-2000
Clutch Settings:	22
Chuck Type:	Ratcheting keyless
Tool Weight:	6.25 lbs.
Replacement Battery Model No.:	TT906



12 V M12™ 3/8" HAMMER DRILL/DRIVERS



- On-board battery Fuel gauge displays remaining run time
- New ergonomic handle design for increased comfort
- LED light
- Includes: (2x) M12™ Redlithium™ battery, M12™ Lithium-Ion battery charger, belt clip and carrying case

Model No. TLV677

Mfg. No. 2408-22

Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	3/8"
Max Torque:	275 in-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-400
No Load RPM Setting #2:	0-1500
Chuck Type:	Metal ratcheting
Tool Weight:	2.7 lbs.
Replacement Battery Model No.:	TLV368



12 V M12 FUEL™ 1/2" HAMMER DRILL/DRIVERS



- Redlink Plus™ Intelligence provides optimized performance and overload protection using total system communication between tool, battery and charger
- Redlithium™ Battery Technology delivers more work per charge and more work over pack life than any battery on the market
- Includes: M12™ Redlithium™ 2.0 compact battery pack, M12™ Redlithium™ XC 4.0 extended capacity battery pack, M12™ lithium-ion battery charger, belt clip and carrying case

Model No. TLV678

Mfg. No. 2404-22

Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	1/2"
Max Torque:	350 in-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-450
No Load RPM Setting #2:	0-1700
Chuck Type:	Metal single sleeve - ratcheting lock
Tool Weight:	2.9 lbs.
Replacement Battery Model No.:	TLV694



CORDLESS POWER TOOLS & ACCESSORIES

1/2" CORDLESS HAMMER DRILL/DRIVER

- Battery protection system provides over-discharge, temperature and circuit protection for enhanced performance, battery cycle life and overall battery life
- Twin LED jobs light with pre-glow and after-glow functions
- Improved ergonomic soft rubber grip design for vibration absorption and comfortable operation features re-contoured rear grip portion and ribbed grip for improved hold
- Includes: Two 18v (compact) Li-Ion batteries, standard charger, battery cover, hook, double ended bit, 1/2" keyless drill chuck, plastic carrying case
- Battery Type: Lithium-Ion

Model No. TYW997
Mfg. No. DHP482SYE
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Clutch Settings:	21
Chuck Type:	Keyless drill chuck
Max Torque:	480 in.-lbs.
# of Speed Settings:	2
No Load RPM Settings #1:	0-600
No Load RPM Settings #2:	0-1900
BPM Settings #1:	0-9000
BPM Settings #2:	0-28 500
Tool Weight:	3.5 lbs.



20V XR LI-ION BRUSHLESS 3-SPEED HAMMER DRILL KIT

- 3-Speed, all-metal high performance transmission optimizes tool-to-task for fast application speeds and improved run-time
- XR Li-Ion batteries with fuel gauge provide 33% more capacity over standard packs
- 3-Mode LED provides lighting in dark or confined spaces up to 20x brighter than previous model
- Heavy-duty 1/2" ratcheting nitro-carburized metal chuck with carbide inserts for superior bit gripping strength
- Includes: (2) 20V MAX XR high capacity Li-Ion batteries, charger, belt hook, 360° side handle, kit box

Model No. TYW992
Mfg. No. DCD996P2
Price/Each \$

SPECIFICATIONS

Voltage:	20 V
Chuck Size:	1/2"
Max Torque:	820 UWO
Battery Type:	Lithium-Ion
# of Speed Settings:	3
No Load RPM:	0-2250
BPM:	0-38 250
Clutch Settings:	11
Chuck Type:	Metal, ratcheting
Tool Weight:	4.9 lbs.
Replacement Battery Model No.:	TLV657



18 V XRP HAMMER DRIVER DRILLS

- 3-speed all-metal transmission
- High power, high efficiency motor
- Built-in LED light
- Includes: (2x) 18 V NiCd batteries, charger, side handle and case

Model No. TLZ875
Mfg. No. DCD950KX
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	450 UWO
# of Speed Settings:	3
No Load RPM Setting #1:	0-500
No Load RPM Setting #2:	0-1250
No Load RPM Setting #3:	0-2000
Max BPM Setting #1:	0-8500
Max BPM Setting #2:	0-21 250
Max BPM Setting #3:	0-34 000
Clutch Settings:	22
Chuck Type:	Ratcheting keyless
Tool Weight:	6.25 lbs.
Replacement Battery Model No.:	TT906



18 V M18™ 1/2" COMPACT DRILL/DRIVERS

- Compact, ergonomic drill/driver with an all-metal gear case for maximum durability
- Most compact drill/driver in its class
- Includes: (2) M18™ Redlithium™ compact battery, multi-voltage 12 V-18 V charger and carrying case

Model No. TLV700
Mfg. No. 2606-22CT
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	500 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-450
No Load RPM Setting #2:	0-1800
Max BPM:	0-29 000
Clutch Settings:	Adjustable
Chuck Type:	1/2" metal
Tool Weight:	3.6 lbs.
Replacement Battery Model No.:	TLZ453



18 V M18™ 1/2" COMPACT HAMMER DRILLS/DRIVERS

- Compact, ergonomic hammer drill/driver with an all-metal gear case for maximum durability
- Redlithium™ Battery Pack provides more work per charge and more work over battery pack life
- Includes: (2) M18™ Redlithium™ XC high capacity battery, multi-voltage 12 V-18 V charger and carrying case

Model No. TLV701
Mfg. No. 2607-22
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	525 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-450
No Load RPM Setting #2:	0-1800
Max BPM:	0-28 800
Clutch Settings:	Adjustable
Chuck Type:	1/2" metal
Tool Weight:	3.7 lbs.
Replacement Battery Model No.:	TLZ452



M18 FUEL™ 1/2" DRILL/DRIVER KIT

- Powerstate™ Brushless Motor: Delivers up to 725 in lbs of torque with maximum sustained torque to complete the toughest of applications
- Redlithium™ Battery Technology: Superior pack construction, electronics, and performance deliver more work per charge and more work over pack life than any battery on the market
- Relink Plus™ Intelligence: The most advanced system of cordless power tool electronics. Provides optimized performance and overload protection using total system communication between tool, battery and charger.
- Includes: (1) M18 Fuel™ 1/2" Drill/Driver, (2) M18™ Redlithium™ XC 4.0 Extended Capacity Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger, (1) Carrying Case

Model No. TMB548
Mfg. No. 2603-22
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	725 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-550
No Load RPM Setting #2:	0-1850
Chuck Type:	Ratcheting lock
Tool Weight:	2.05 lbs.



M18 FUEL™ 1/2" HAMMER DRILL/DRIVER KIT

- Redlithium™ Battery Technology delivers more work per charge and more work over pack life than any battery on the market
- Powerstate™ Brushless Motor: Delivers up to 725 in lbs. of torque with maximum sustained torque to complete the toughest of applications
- Redlink Plus™ Intelligence provides optimized performance and overload protection using total system communication between tool, battery and charger
- Includes: (2) M18™ XC high capacity batteries and multi-voltage charger

Model No. TLV501

Mfg. No. 2704-22

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/2"
Max Torque:	1200 in-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-550
No Load RPM Setting #2:	0-2000
Max BPM:	0-32000
Chuck Type:	1/2" metal single sleeve - ratcheting lock
Tool Weight:	3.7 lbs.
Replacement Battery Model No.:	TLZ453



18 V M18™ 1/4" COMPACT IMPACT DRIVERS

- Redlithium™ Battery Pack provides more work per charge and more work over battery pack life
- Rubber overmold
- Includes: (2) M18™ Redlithium™ XC batteries, belt clip, multi-voltage 12 V-18 V charger and carrying case

Model No. TLV702

Mfg. No. 2657-22

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/4" Hex Quick Connect
Max Torque:	1500 in-lbs.
# of Speed Settings:	1
No Load RPM:	0-2700
Max BPM:	0-3400
Tool Weight:	3.6 lbs.
Replacement Battery Model No.:	TLZ453 or TLZ452



M18 FUEL™ 1-1/8" SDS PLUS ROTARY HAMMER & HAMMERVAC™ DUST EXTRACTOR KIT

- Fuel™ technology delivers faster than corded speed and durability
- Anti-Vibration System minimizes vibration for maximum comfort
- Hammervac™ Dedicated Dust Extractor connects directly to the rotary hammer
- High Capacity Dust Box allows user to go longer without emptying dust box as often
- Replaceable Certified HEPA Filter: Filters 99.97% of all particles greater than 0.3 µm
- Includes: Rotary hammer, Hammervac™ Dedicated Dust Extractor, Charger, (2) M18™ Redlithium™ XC 4.0 Battery Pack, HEPA Filter, Nozzle, Depth Rod, Side Handle and Carrying Case

Model No. TYO318

Mfg. No. 2715-22DE

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1 1/8"
Battery Type:	Lithium-Ion
Max. Torque:	3.3 ft-lbs
No Load RPM:	1350
Max BPM:	5000
Replacement Battery Model No.:	TLV635



M18 FUEL™ SURGE™ 1/4" HEX HYDRAULIC IMPACT DRIVER KIT

- Brushless motor runs cooler, lasts longer and delivers up to 55% faster application speed
- Redlink Plus™ Electronic Intelligence allows the operator to choose between 3 fastening modes with Milwaukee's proprietary Drive Control™ feature
- 4-mode drive control provides greater control over output speed and power
- Fluid-Drive™ Hydraulic Powertrain reduces metal on metal contact within the tool, delivering quieter operation, smoother performance, and increased durability over a standard impact
- Battery Warranty: 2 years
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ Surge™ 1/4" hex hydraulic driver, (2) M18™ Redlithium™ 2.0 compact battery pack, (1) M18™ & M12™ multi-voltage charger, (1) belt clip, (1) bit holder, (1) carrying case

Model No. TYX078

Mfg. No. 2760-22

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/4" Hex Quick Connect
Max Torque:	37.5 ft-lbs.
# of Speed Settings:	1
No Load RPM:	0-3000
Tool Weight:	2.3 lbs.



M18 FUEL™ 1-9/16" SDS MAX HAMMER DRILL KIT

- Brushless motor runs cooler, lasts longer and delivers up to 55% faster application speed
- Rotary hammer is able to drill as fast as a corded drill
- Delivers impact energy for the more demanding, heavy-duty applications
- Type: Lithium-Ion
- Battery Warranty: 3 years
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ 1-9/16" SDS max hammer drill, (1) M18™ & M12™ rapid charger, (2) M18™ Redlithium™ High Demand™ 9.0 battery pack, (1) side handle, (1) carrying case

Model No. TYX077

Mfg. No. 2717-22HD

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1 9/16"
# of Speed Settings:	1
No Load RPM:	0-450
Handle Style:	D-handle
Tool Weight:	12.15 lbs.



M18 FUEL™ 1/4" HEX IMPACT DRIVER KIT

- Redlink Plus™ Intelligence prevents damage to the tool and battery due to overloading or overheating
- 4-Mode Drive Control™ provides greater control over output speed and power
- Redlithium™ batteries deliver more work per charge and more work over the life of the battery
- LED Light: Yes
- Tool Warranty: 5 years
- Battery Type: Lithium-Ion

Model No. TMB590

Mfg. No. 2753-22

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Chuck Size:	1/4"
Max Torque:	1800 in-lbs.
# of Speed Settings:	1
No Load RPM #1:	0-850
No Load RPM #2:	0-2100
No Load RPM #3:	0-3000
Tool Weight:	2.1 lbs.



CORDLESS POWER TOOLS & ACCESSORIES

M18 FUEL™ 1/2" IMPACT WRENCH KIT WITH BALL-PIN

- The Milwaukee® Powerstate™ brushless motor provides increased efficiency, lasts longer and delivers maximum power
- Redlink Plus™ Electronic Intelligence allows the operator to choose between 3 fastening modes with Milwaukee's proprietary Drive Control™ feature
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ 1/2" impact wrench with ball-pin, (2) M18™ Redlithium™ XC 4.0 extended capacity battery pack, (1) M18™ & M12™ multi-voltage charger, (1) Belt Clip, (1) carrying case

Model No. TMB579
Mfg. No. 2755B-22
Price/Each \$



SPECIFICATIONS

Voltage:	18 V
Socket Size:	1/2"
Battery Type:	Lithium-Ion
Max Torque:	210 ft.-lbs.
# of Speed Settings:	3
No Load RPM Settings #1:	0-900
No Load RPM Settings #2:	0-1600
No Load RPM Settings #3:	0-2500
Tool Weight:	2.5 lbs.

M18 FUEL™ 1/2" MID-TORQUE IMPACT WRENCH W/FRICTION RING KIT

- 3-Mode Drive Control™ provides greater control over output speed and power with a compact length at 6.7" to allow for more access in tight spaces
- Lightweight tool with battery for less fatigue improved rubber over mold to withstand corrosive materials
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ 1/2" mid-torque impact wrench with friction ring, (2) M18™ Redlithium™ XC 5.0 extended capacity battery pack, (1) M18™ & M12™ multi-voltage charger, (1) belt clip, (1) carrying case

Model No. TYX079
Mfg. No. 2861-22
Price/Each \$



SPECIFICATIONS

Voltage:	18 V
Socket Size:	1/2"
Battery Type:	Lithium-Ion
Max Torque:	450 ft.-lbs.
# of Speed Settings:	3
No Load RPM Settings #1:	0-510
No Load RPM Settings #2:	0-2100
No Load RPM Settings #3:	0-2400
Tool Weight:	5.3 lbs.

18V M18™ FUEL™ 7/16" IMPACT WRENCHES

- M18™ Fuel™ high torque impact wrench is the most powerful 18-volt cordless impact wrench in its class
- The 7/16" quick connect allows users fast, secure insertion/removal of auger bits and socket adapters
- Includes: (2) M18™ Redlithium™ XC 4.0 extended capacity battery pack, M18™ and M12™ multi-voltage charger and carrying case

Model No. TLV706
Mfg. No. 2765-22
Price/Each \$



SPECIFICATIONS

Voltage:	18 V
Chuck Size:	7/16"
Battery Type:	Lithium-Ion
Max. Torque:	500 ft.-lbs.
# of Speed Settings:	1
No Load RPM:	0-1700
No Load BPM:	0-2400
Tool Weight:	7.5 lbs.
Replacement Battery Model No.:	TLV635

1/2" CORDLESS HIGH TORQUE IMPACT WRENCH

- 3 stage impact power selection prevents over-tightening of fasteners
- Variable speed trigger allows operator to adjust fastening speed based on materials or application
- Electric brake prevents over-tightening of fasteners
- Rubber joint construction suppresses transmission of vibration to battery, minimizing battery failures due to terminal breakage or poor electrical contact
- Twin LED job lights with pre-glow and afterglow features illuminates work area
- Nut-busting Torque (Reverse): 1180 ft. lbs.
- Includes: Two 18 V (5.0 ah) Li-Ion batteries, rapid charger, battery cover, hook, plastic carrying case

Model No. TYW998
Mfg. No. DTW1002RTE
Price/Each \$



SPECIFICATIONS

Voltage:	18 V
Socket Size:	1/2"
Battery Type:	Lithium-Ion
Max Torque:	740 ft.-lbs.
# of Speed Settings:	3
No Load RPM Settings #1:	0-900
No Load RPM Settings #2:	0-1000
No Load RPM Settings #3:	0-1800
Tool Weight:	7.9 lbs.

18V LXT 1/2" IMPACT WRENCH

- 4-pole motor design with dual steel ball bearings provides maximum torque
- Hammer case cover protects work piece from scratches, increasing maneuverability
- Built-in L.E.D. light for more illuminated accurate work
- Includes: 2 x 3.0 Ah Lithium-ion batteries, charger, belt clip and carry case

Model No. TYL019
Mfg. No. DTW251RFE
Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Socket Size:	1/2"
Battery Type:	Lithium-Ion
Max Torque:	170 ft.-lbs.
No Load RPM:	2400
Max BPM:	3200
Tool Weight:	3.7 lbs.
Replacement Battery Model No.:	TLZ847



MAX IMPACT WRENCH KIT

- Compact and lightweight design fits into tight areas
- Textured, anti-slip comfort grip provides maximum comfort and control
- 3 LED lights with 20-second delay after trigger release, provide visibility without shadows
- Includes: Fast charger, (2) 20V MAX XR Premium Li-Ion batteries and kitbox

Model No. TLV823
Mfg. No. DCF880M2
Price/Each \$

SPECIFICATIONS

Voltage:	20 V
Chuck Size:	1/2"
Battery Type:	Lithium-Ion
Max Torque:	150 ft.-lbs
# of Speed Settings:	1
No Load RPM:	0-2300
Tool Weight:	3.4 lbs.
Replacement Battery Model No.:	TLV657



CORDLESS POWER TOOLS & ACCESSORIES

4 V M4™ 1/4" HEX SCREWDRIVERS

- 21-position clutch setting with auto shut-off
- Includes: (2x) M4™ 2.0 battery and M4™ charger

Model No. TLV684

Mfg. No. 2101-22

Price/Each \$

SPECIFICATIONS

Voltage:	4 V
Chuck Size:	1/4" Hex
Maximum Torque:	44 in.-lbs.
# of Speed Settings:	2
# of Speed Settings:	2
No Load RPM Setting #1:	0-200
No Load RPM Setting #2:	0-600
Clutch Settings:	21
Tool Weight:	0.85 lbs.
Replacement Battery	
Model No.:	TLV691



1/4" CORDLESS DRIVER/DRILL

- Auto stop system indicates battery power reduction and stops operation when battery reaches minimal capacity in order to prevent incomplete fastening
- Locking feature prevents accidental start up and enables use as a hand-held screwdriver
- Adjustable handle with enhanced hinge mechanism for operational versatility
- LED job light illuminates work area and features independent on/off switch
- Includes: Two 7.2 V Li-Ion (1.5 ah) batteries, charger, Phillips bit 1-50, Phillips bit 2-50, battery plastic case, plastic carrying case

Model No. TYW999

Mfg. No. DF012DSE

Price/Each \$

SPECIFICATIONS

Voltage:	7.2 V
Chuck Size:	1/4"
Battery Type:	Lithium-Ion
Max Torque:	71 in.-lbs.
# of Speed Settings:	2
No Load RPM Setting #1:	0-200
No Load RPM Setting #2:	0-650
Tool Weight:	0.9 lbs.



M12™ 3/8" RIGHT ANGLE DRILL DRIVERS

- 3/8" single sleeve ratcheting chuck
- 3 3/4" head length, great for working in tight spaces
- Extended paddle switch
- Battery Fuel gauge
- Built-in LED light
- Includes: 12 V Lithium-Ion battery pack, 12 V charger and carrying case

Model No. TLV038

Mfg. No. 2415-21

Price/Each \$

SPECIFICATIONS

Voltage:	12 V
Chuck Size:	3/8"
Maximum Torque:	100 in.-lbs.
# of Speed Settings:	1
No Load RPM:	0-800
Clutch Settings:	11
Chuck Type:	Single sleeve ratcheting
Tool Weight:	2.43 lbs.
Replacement Battery	
Model No.:	TLZ368



8 V MAX* GYROSCOPIC SCREWDRIVERS

- Good for fastening into wood, plastic and light-gauge metal
- Variable speed & reversing controls
- Adjustable 2-position handle allows for operation in either in-line or pistol-grip
- Built-in LED light
- Includes: 8 V MAX* compact battery, 1 hour charger and kit bag

Model No. TLV653

Mfg. No. DCF680N1

Price/Each \$

SPECIFICATIONS

Voltage:	8 V
Chuck Size:	1/4" Hex
No Load RPM:	0-430
Tool Weight:	1.1 lbs.
Replacement Battery	
Model No.:	TNB487



M18™ CORDLESS 2-SPEED GREASE GUN KIT

- New to world precision through pre-set grease counter dial
- 48" flexible hose offers greater access to difficult to reach fittings
- Air bleeder valve for quick priming
- Lock-on/lock-off trigger delivers added user convenience
- Includes: (1) M18™ cordless 2-speed grease gun, (1) 48" flex hose w/spring guard, (1) M18™ compact RedLithium™ battery, (1) M18™ & M12™ multi-voltage charger, (1) high pressure grease coupler, (1) hard carrying case, (1) shoulder strap
- Charge Time: 30 minutes
- Battery Warranty: 2 years
- Tool Warranty: 5 years

Model No. TMB483

Mfg. No. 2646-21CT

Price/Each \$

SPECIFICATIONS

Voltage:	18 V
Output Pressure:	10 000 PSI
Battery Type:	Lithium-Ion
Cartridge Size:	14 oz.
Tool Weight:	8.5 lbs.



20 V MAX LITHIUM ION GREASE GUN

- High-volume pump pushes up to 5.0 oz./min high-flow applications
- Up to 16 cartridges per charge
- Variable speed trigger offers precise control of the grease flow
- 42" extra-long and flexible hose designed for reaching hard to access grease fittings
- Includes: 20 V MAX XR premium Li-ion battery (4.0 Ah), fast charger, shoulder strap and kit box

Model No. TYD766

Mfg. No. DCGG571M1

Price/Each \$

SPECIFICATIONS

Voltage:	20 V
Output Pressure:	10 000 PSI
Battery Type:	Lithium-Ion
Cartridge Size:	14 oz.
Replacement Battery	
Model No.:	TLV657



CORDLESS POWER TOOLS & ACCESSORIES

M18 FUEL™ METAL CUTTING CIRCULAR SAW KIT

- Brushless motor runs cooler, lasts longer and delivers up to 55% faster application speed
- Redlink Plus™ Electronic Intelligence allows the operator to choose between 3 fastening modes with Milwaukee's proprietary Drive Control™ feature
- Brushless motor has no wear components delivering longest tool life
- Integrated hang hook allows tool to hang on ladders and common building materials reducing damage due to drops
- Tool Warranty: 6 years
- Includes: (1) M18 Fuel™ metal cutting circular saw, (1) Allen wrench

Model No. **TYX080**
Mfg. No. 2782-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Blade Diameter: 5-3/8"
No Load RPM: 3900
Amps: 5 A
Tool Weight: 5.9 lbs.



18 V CIRCULAR SAWS

- Easy-to-read aircraft aluminium shoe
- 18 V XC high capacity Lithium-Ion battery provides up to 20% more torque
- Battery Fuel gauge
- Includes: (2x) 18 V high capacity Lithium-Ion batteries, charger and tool bag

Model No. **TLZ450**
Mfg. No. 2630-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Blade Diameter: 6 1/2"
No Load RPM: 3500
Capacity @ 90°: 2 1/8"
Capacity @ 45°: 1 5/8"
Spindle Lock: Yes
Electric Brake: Yes
Arbor: 5/8"
Blade Guard Material: Magnesium
Shoe Material: Aircraft aluminium
Tool Weight: 8.5 lbs.
Replacement Battery Model No.: TLZ452



M18 FUEL™ METAL CUTTING CIRCULAR SAW KIT

- Powerstate™ brushless motor increased cutting speed and power through the toughest applications
- Redlink Plus™ intelligence provides optimized performance and overload protection using total system communication between tool, battery and charger
- LED light for great cutline visibility in low light situations
- Blade Guard: Magnesium
- Battery Warranty: 3 years
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ 7-1/4" circular saw, (2) M18™ Redlithium™ XC 5.0 extended capacity battery pack, (1) M18™ & M12™ multi-voltage charger, (1) blade, (1) blade wrench, (1) contractor bag

Model No. **TYX081**
Mfg. No. 2731-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Blade Diameter: 7-1/4"
No Load RPM: 5000
Battery Type: Lithium-Ion
Cut Depth: 2-1/2"
Arbor: 5/8"
Tool Weight: 7.5 lbs.



18 V M18™ LED WORK LIGHTS

- Sealed, aluminum head – Impact and weather resistant
- 160 lumen LED – Bright, white, smooth beam
- Integrated hook – Hands-free use
- 135° rotating head
- Runs on M18™ battery (not included)
- Tool length: 8 1/2"
- Tool weight: 1 lbs.

Model No. **TLV686** Mfg. No. 2735-20
Price/Each \$



M18™ LED FLOOD LIGHT

- Up to 30% brighter than corded 250 W halogen lights
- Innovative roll cage design
- Versatile hanger provides hands-free use in a variety of applications
- Up to 8 hours of run-time
- Runs on M18™ batteries (not included)
- Dimensions: 6-1/4" L x 6-1/4" W x 6-1/4" H
- Lamp type: LED
- Lumens: 160
- Wattage: 8 W
- Lamp life: 50 000 hrs.
- Housing material: Rubber
- Colour: Red

Model No. **TYD830** Mfg. No. 2361-20
Price/Each \$



M18 FUEL™ ROVER™ LED DUAL POWER FLOOD LIGHT

- Three light output modes for optimal brightness and runtime
- High definition output with true color, even beam, and natural light
- Dual power source: M18™ or corded
- Light head rotates 240° with positive stops
- Lamp type: LED
- Lumens: 3000 (High); 1500 (Medium); 650 (Low)
- Run Time Hrs.: 2 (High); 4 (Medium); 8 (Low)
- Lumens: 3000 • Wattage: 48 W
- Housing Material: Plastic
- Voltage: 18 V
- Tool Warranty: 5 years

Model No. **TYX082** Mfg. No. 2360-20
Price/Each \$



18V LXT® LED FLASHLIGHT

- Flashlight head folds up and down with 7 positive stops and rotates left to right for multiple lighting angles
- Metal hang hook swivels 360° and folds away for extra convenience
- Compact and ergonomic design at only 15" long
- Rubberized soft grip provides increased comfort on the job
- Battery and charger sold separately
- 1-year warranty on flashlight
- Lamp type: LED
- Lumens: 240 (High); 120 (Low)
- Run time hrs.: 17 (High); 40 (Low)
- Material: Polymer
- Batteries required: 18 V LXT Lithium-Ion 5 Ah
- Colour: Blue
- Beam distance: 10 m
- Batteries not included

Model No. **TYO321** Mfg. No. DML801
Price/Each \$



HEAVY-DUTY FLASHLIGHTS

- High quality construction
- 4-position pivoting head
- Uses standard pod style Makita battery (not included)
- Lightweight design



Model No.	Mfg. No.	Volts	Price/Each
TJ128	ML180	18	
TJ129	ML140	14.4	
TJ134	ML120	12	

CORDLESS POWER TOOLS & ACCESSORIES

4-1/2" CORDLESS ANGLE GRINDER

- Automatic torque Drive Technology (ADT) feature adjusts the torque and speed according to the load condition, enabling rapid movement between high speed and high torque applications
- Extreme Protection Technology (XPT) offers maximum protection against dust, debris and liquids for optimal performance in extreme conditions
- Brushless DC motor generates less heat build-up
- Anti-restart feature prevents accidental start up
- Includes: Two 18v (4.0 ah) Li-Ion batteries, rapid charger, battery cover, 4-1/2" depressed center wheel, tool less wheel cover, side handle, lock nut wrench, inner flange, lock nut 5/8", 21" tool bag

Model No. **TYX001** Mfg. No. DGA454RMEX
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Wheel Size: 5"
Battery Type: Lithium-Ion
No Load RPM: 8500
Spindle Size: 5/8"
Tool Weight: 5.5 lbs.



CORDLESS ANGLE GRINDERS

- Brushless motor: Delivers maximum power and up to 10X longer motor life
- Redlink Plus™ Intelligence provides optimized performance, electronic clutch, and overload protection using total system communication between tool, battery and charger
- Same metal housing and gearing system as legendary high performance corded grinders
- Paddle-switch design
- Includes: Plastic carrying case, 2 batteries, 1 charger

Model No. **TYD891** Mfg. No. 2780-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Wheel Size: 5"
Battery Type: Redlithium™ Lithium-Ion
No Load RPM: 8500
Spindle Size: 5/8"
Tool Weight: 5.8 lbs.



M18™ GRINDER KIT

- L-shape vents keep debris from entering the tool
- Overload protection to prevent overheating
- Tool free guard adjustment, paddle switch design
- Includes: (2x) 18 V XC Lithium-Ion batteries, cutting wheel, tool bag, wrench, side handle and charger

Model No. **TLV035** Mfg. No. 2680-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Wheel Diameter: 4 1/2"
No Load RPM: 9000
Spindle Size: 5/8"
Spindle Lock: Yes
Tool Weight: 5.9 lbs.
Replacement Battery Model No.: TLZ452



ZIPCUTTER™ CUTTER KIT

- Portable and lightweight design
- Front retaining plate prevents misalignment
- Detachable dust filter
- Electronic single cell protection battery
- 270° rotating rear housing allows easy battery re-positioning
- Voltage: 18 V
- No Load RPM: 8000
- Battery type: Lithium
- Spindle thread: 5/8" - 11
- Battery amperage: 5.2 Ah
- Includes: 1 charger, 1 case, 2 batteries

WALTER
Surface Technologies



Model No.	Mfg. No.	Max Disc Size"	Disc Size Included"	Price/Each
TY0475	34-A 949	4-1/2 - 5	4-1/2	
TY0476	34-A 950	4-1/2 - 5	5	
TY0477	34-A 951	6	6	

M18 FUEL™ 1/4" DIE GRINDER KIT

- Brushless motor runs cooler, lasts longer and delivers up to 55% faster application speed
- Brushless motor has no wearable components delivering up to 10X longer tool life
- Tool Warranty: 5 years
- Includes: (1) M18 Fuel™ 1/4" die grinder, (2) M18™ Redlithium™ XC5.0 extended capacity battery pack, (1) M18™ & M12™ multi-voltage charger, (2) wrench

Model No. **TYX083**
Mfg. No. 2784-22
Price/Each \$

Milwaukee



SPECIFICATIONS

Voltage: 18 V
Collet Size: 1/4"
Amps: 5 A
No Load RPM: 20000
Tool Weight: 3.5 lbs.

M18™ HACKZALL® RECIP SAW KIT

- One-handed design provides superior control & versatility over a standard reciprocating saw
- Compact size allows for cutting in tight spaces, and light weight makes overhead work easier Quik-Lok® blade clamp offers fast, easy tool free blade changes for Sawzall® blades & Hackzall® blades
- Built-in LED light illuminates the work surface for cutting
- Charge Time: 1 hour
- Tool Warranty: 5 years
- Includes (1) M18™ Hackzall® Recip Saw, (1) M18 Redlithium™ XC Extended Capacity Battery, (1) M18™ & M12™ Multi-Voltage Charger, (1) Contractor Bag

Model No. **TMB603**
Mfg. No. 2625-21
Price/Each \$

Milwaukee



SPECIFICATIONS

Voltage: 18 V
Battery Type: Lithium-Ion
Strokes per Minute: 0-3000
Stroke Length: 3/4"

18 V M18™ FUEL™ SAWZALL®

- Features a keyless Adjustable shoe, integrated LED light, and a rafter hook for easy storage
- Quik-Lok® Universal blade clamp for quick tool-free blade changes
- Includes: (2) M18™ Redlithium™ XC 4.0 extended capacity battery pack, M18™ and M12™ multi-voltage charger, blade and carrying case

Model No. **TLV707**
Mfg. No. 2720-22
Price/Each \$

SPECIFICATIONS

Voltage: 18 V
Max strokes per minute (SPM): 0-3000
Stroke Length: 1 1/8"
Tool Weight: 8.9 lbs.
Replacement Battery Model No.: TLV635



20 V MAX XR DUAL SPEED FRAMING NAILER

- Brushless motor and engine design provides enough power to drive 3-1/2" nails
- Dual speed optimizes motor speed for different nail lengths
- Accepts 30-34 degree paper tape nails
- Clipped head or Offset Full Round Head
- Includes: (1) 20 V MAX® XR Premium Li-Ion Battery (4.0 Ah), charger and No-Mar Tip

Model No. **TYD774**
Mfg. No. DCN692M1
Price/Each \$

SPECIFICATIONS

Voltage: 20 V
Battery Type: Lithium-Ion
Nail Diameter: .113 - .131 gauge
Nail Length Capacity: 2" to 3-1/2"
Magazine Angle: 33°
Magazine Capacity: 55

DEWALT



CORDLESS POWER TOOLS & ACCESSORIES

18 V COMBO KITS

- M18™ 1/2" compact drill/driver delivers 400 in-lbs. of torque and is only 4 lbs. and 7 3/4" long
- M18™ 1/4" hex compact impact with the Milwaukee® 4-pole frameless motor delivers 1400 in-lbs. of torque
- Includes: (2x) 18 V Redlithium™ compact batteries, charger, carrying case

Model No. TLZ887

Mfg. No. 2691-22

Price/Each \$

SPECIFICATIONS

Voltage: 18 V

Replacement Battery

Model No.: TLZ453



2-TOOL COMBO KITS

- M18™ 1/2" hammer drill driver with Milwaukee M18™ 1/4" hex compact impact driver
- Includes: M18™ 2607-20 1/2" hammer drill driver, M18™ 2656-20 1/4" hex compact impact driver, (2x) M18™ XC high capacity Redlithium™ batteries, charger and contractor bag

Model No. TLV047

Mfg. No. 2697-22

Price/Each \$

SPECIFICATIONS

Voltage: 18 V

Chuck Size: 1/2" (hammer drill driver)

1/4" (hex compact impact driver)

Max Torque: 550 in-lbs. (hammer drill driver)

1400 in-lbs. (hex compact impact driver)

of Speed Settings: 2

No Load RPM Setting #1: 0-450

No Load RPM Setting #2: 0-1700

Clutch Settings: 24

Chuck Type: Keyless drill chuck

Tool Weight: 13.67 lbs.

Replacement Battery

Model No.: TLZ452



M18™ FUEL™ COMBO KITS

- M18™ Fuel™ 1/2" hammer drill/driver
- M18™ Fuel™ 1/4" Hex impact driver
- The Powerstate™ brushless motor works harder and lives longer, while reducing noise and cooling more rapidly to deliver years of maintenance-free performance
- Includes: (2x) M18™ Redlithium™ XC 5.0 extended capacity battery pack, M18™ and M12™ Multi-Voltage Charger, belt clip, carrying case and side handle

Model No. TLV680

Mfg. No. 2897-22

Price/Each \$

SPECIFICATIONS

Voltage: 18 V

Replacement Battery

Model No.: TLV635



20V MAX DRILL/DRIVER & IMPACT DRIVER COMBO

- 20V MAX 1/2" drill/driver features two speed transmission (0-600 / 0-2,000)
- 20V MAX 1/4" impact driver features 3 LED lights with 20 second delay
- Includes: 1/2" Drill/Driver, 1/4" Impact Driver, (2) 20V MAX Lithium Ion 1.5 Ah, Battery Packs, Fast Charger, (2) Belt Hooks and Contractor Bag

Model No. TLV765

Mfg. No. DCK280C2

Price/Each \$



SPECIFICATIONS

Voltage: 18 V

Replacement Battery

Model No.: TLV778



20 V MAX* COMBO KITS

- 20 V MAX* 1/2" hammer drill with 3-speed all-metal transmission and all-metal ratcheting chuck delivers 535 watts out of maximum performance and superior bit retention
- 20 V MAX* 1/2" impact driver features 3 LED lights with 20 second delay to provide visibility without shadows
- Includes: (2) 20 V MAX* Lithium-Ion 3.0 Ah battery packs, fast charger, 360° side handle, belt hook and contractor bag

Model No. TLV654

Mfg. No. DCK290L2

Price/Each \$

SPECIFICATIONS

Voltage: 20 V

Replacement Battery

Model No.: TLV656



FLEXVOLT™ HAMMER DRILL & IMPACT W/2 BATTERIES

- 20V Max 1/2" hammerdrill 3-speed, high performance, all-metal transmission optimizes tool-to-task for fast application speeds and improved run-time
- 20V Max 1/2" hammer drill has a compact size and lightweight design to fit tight areas
- 20V Max hammer drill includes 3-Mode LED providing lighting in dark or confined spaces up to 20X brighter than previous model
- Includes: 20V Max XR 1/2" 3-Speed Hammer drill, 20V Max XR 1/4" Impact Driver, 20V Max XR 2.0AH Lithium Ion Battery, 20V / 60V Max FlexVolt 6.0AH/2.0AH Lithium Ion Battery, 20V / 60V Max* Fan-Cooled Rapid Charger, (2) Belt Hooks, 360 Degree Side Handle, Contractor Bag

Model No. TYW910

Mfg. No. DCK299D1T1

Price/Each \$

SPECIFICATIONS

Voltage: 20 V



18 V LXT 2-PC. COMBO KITS

- Variable 2-speed 1/2" hammer driver-drill (0-400 and 0-1500 RPM) with Makita-built 4-pole motor delivers 480 in-lbs. of max. torque
- Variable speed impact driver (0-2300 RPM and 0-3200 BPM) provides 1420 in-lbs. of max torque
- Includes: (2x) 18 V (3.0 Ah) Lithium-Ion batteries, charger and case

Model No. TLZ888

Mfg. No. LXT211

Price/Each \$

SPECIFICATIONS

Voltage: 18 V

Replacement Battery

Model No.: TLZ847



CORDLESS POWER TOOLS & ACCESSORIES

12V MAX LI-ION 4-TOOL COMBO KIT

- Voltage: 12 V
- Battery Type: Lithium-Ion
- What's included: (1) DCD710 3/8" drill/driver, (1) DCF815 1/4" impact driver, (1) DCS310 pivot reciprocating saw, (1) DCL510 LED work light, (2) 12V MAX* Li-Ion batteries, (1) fast charger, (2) belt hooks, (1) 4" 6 tpi wood cutting reciprocating blade, (1) Kit bag, (1) 4" 18 tpi metal cutting reciprocating blade

Model No. TLV753
Mfg. No. DCK413S2
Price/Each \$

DEWALT



20 V MAX PREMIUM 4-TOOL COMBO KIT

- Voltage: 20 V
- Battery Type: Lithium-Ion
- What's Included: (1) DCD985 1/2" Hammer drill, (1) DCS380 Reciprocating Saw, (1) DCF885 1/4" Impact Driver, (1) DCL040 LED Work Light, (2) 20 V MAX* Lithium Ion 3.0 Ah Battery Packs, (1) Fast Charger, (1) 360° Side Handle, (1) Belt Hook, (1) Contractor Bag

Model No. TYD771
Mfg. No. DCK492L2
Price/Each \$

DEWALT



LXT 4-TOOL COMBO KIT

- Includes: 1/2" cordless hammer drill/driver, 1/4" cordless impact driver, 6-1/2" cordless circular saw, cordless reciprocating saw, 2x 18v (4.0 Ah) Li-Ion batteries, rapid charger and tool bag
- Voltage: 18 V
- Battery Type: Lithium-Ion

Model No. TYB885
Mfg. No. DLX4058M
Price/Each \$

Makita



18V (3.0 AH) LXT 4 TOOL COMBO KIT

- Includes: 1/2" cordless hammer drill/driver, 1/4" cordless impact driver, 6-1/2" cordless circular saw, cordless reciprocating saw, two 18v (3.0 Ah) li-ion batteries, standard charger, tool bag
- Voltage: 18 V
- Battery Type: Lithium -Ion

Model No. TYX003
Mfg. No. DLX4057X1
Price/Each \$

Makita



M18™ CORDLESS LITHIUM-ION 4-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- What's Included: (1) M18™ Compact 1/2" Hammer Drill/Driver, (1) M18™ Sawzall® Reciprocating Saw, (1) M18™ 6-1/2" Circular Saw, (1) M18™ LED Work Light, (2) M18™ Redlithium™ XC Extended Capacity Battery, (1) M18™ & M12™ Multi-Voltage Charger, (1) Contractor Bag

Model No. TLV046
Mfg. No. 2694-24
Price/Each \$

Milwaukee



M18 FUEL™ LITHIUM-ION 4-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- What's Included: (1) M18 Fuel™ 1/2" Hammer Drill/Driver, (1) M18 Fuel™ 1/4" Hex Impact Driver, (1) M18 Fuel™ Sawzall Reciprocating Saw, (1) M18™ LED Work Light, (2) M18™ Redlithium™ XC 4.0 Extended Capacity Battery Pack, (1) M18™ & M12™ Multi-Voltage Charger, (1) Belt Clip, 8(1) Contractor Bag, (1) Reciprocating Blade

Model No. TYD896
Mfg. No. 2896-24
Price/Each \$

Milwaukee



aurora tools®

Canada's Best Value
in Industrial Tools!

CORDLESS POWER TOOLS & ACCESSORIES

20 V MAX PREMIUM 5-TOOL COMBO KIT

- Voltage: 20 V
- Battery Type: Lithium-Ion
- What's Included: (1) DCD985 1/2" Hammer Drill, (1) Reciprocating Saw, (1) 1/4" Impact Driver, (1) 6-1/2" Circular Saw, (1) LED Work Light, (2) 20 V MAX[™] Lithium Ion 3.0 Ah Battery Packs, (1) Fast Charger, (1) 360° Side Handle, (1) Belt Hook, (1) Carbide Tipped Blade, (1) Contractor Bag

Model No. TYD772

Mfg. No. DCK592L2

Price/Each \$

DEWALT



18V (4.0 AH) LXT 6 TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- Includes: 1/2" cordless hammer drill/driver, 1/4" cordless impact driver, 4-1/2" cordless angle grinder with brushless motor, cordless reciprocating saw, 6-1/2" cordless circular saw, cordless jigsaw, two 18v (4.0 ah) Li-Ion batteries, rapid charger, tool bag

Makita

Model No. TYX004

Mfg. No. DLX6079M

Price/Each \$



M18[™] CORDLESS LITHIUM-ION 6-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- (1) M18[™] Cordless 1/2" Hammer Drill/Driver, (1) M18[™] Sawzall[®] Reciprocating Saw, (1) M18[™] 6-1/2" Circular Saw, (1) M18[™] 1/4" Hex Compact Impact Driver, (1) M18[™] Cordless 4-1/2" Cut-off / Grinder, (2) M18[™] Redlithium[™] XC Extended Capacity Battery, (1) M18[™] & M12[™] Multi-Voltage Charger, (1) M18[™] Work Light, (1) Contractor Bag

Model No. TMB508

Mfg. No. 2696-26

Price/Each \$



M18 FUEL[™] LITHIUM-ION 6-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- What's Included: (1) M18 Fuel[™] 1/2" Hammer Drill/Driver, (1) M18 Fuel[™] 1/4" Hex Impact Driver, (1) M18 Fuel[™] Sawzall[®] Reciprocating Saw, (1) M18 Fuel[™] 6-1/2" Circular Saw, (1) M18[™] LED Work Light, (1) M18 Fuel[™] 4-1/2" / 5" Grinder, Paddle Switch No-Lock, (2) M18[™] Redlithium[™] XC 4.0 Extended Capacity Battery Pack, (1) M18[™] & M12[™] Multi-Voltage Charger, (1) Belt Clip, (1) Circular Saw Blade, (2) Contractor Bag, (1) Reciprocating Blade, (1) Spanner Wrench

Model No. TYD897

Mfg. No. 2896-26

Price/Each \$



M18[™] CORDLESS LITHIUM-ION 9-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Lithium-Ion
- What's Included: (1) M18[™] Cordless 1/2" Hammer Drill/Driver, (1) M18[™] Cordless Right Angle Drill, (1) M18[™] Sawzall[®] Reciprocating Saw, (1) M18[™] 6-1/2" Circular Saw, (1) M18[™] Jig Saw, (1) M18[™] 1/4" Hex Compact Impact Driver, (1) M18[™] 1/2" High-Torque Impact Wrench with Friction Ring, (1) M18[™] Cordless 4-1/2" Cut-off/Grinder, (2) M18[™] Redlithium[™] XC Extended Capacity Battery, (1) M18[™] & M12[™] Multi-Voltage Charger, (1) M18[™] Work Light

Model No. TMB509

Mfg. No. 2696-29

Price/Each \$



M18[™] 15-TOOL COMBO KIT

- Voltage: 18 V
- Battery Type: Redlithium[™] Lithium-Ion
- What's Included: (1) M18[™] Compact Blower, (1) M18[™] Compact 1/2" Hammer Drill/Driver, (1) M18[™] Cordless 5/8" SDS Plus Rotary Hammer, (1) M18[™] Cordless Right Angle Drill, (1) M18[™] Sawzall[®] Reciprocating Saw, (1) M18[™] Cordless Multi-Tool, (1) M18[™] Band Saw, (1) M18[™] 6 1/2" Circular Saw, (1) M18[™] Jig Saw, (1) M18[™] 1/4" Hex Impact Driver, (1) M18[™] 1/2" Impact Wrench with Pin Detent, (1) M18[™] 1/2" High-Torque Impact Wrench with Friction Ring, (1) M18[™] Cordless 4-1/2" Cut-off/Grinder, (1) M18[™] 5-3/8" Metal Saw, (1) M18[™] LED Work Light, (1) M18[™] Six Pack Sequential Charger, (4) M18[™] Redlithium[™] XC 4.0 Extended Capacity Battery Pack

Model No. TYD874




Mfg. No. 2695-15

Price/Each \$






CORDLESS POWER TOOLS & ACCESSORIES

BATTERIES

Model No.	Mfg. No.	Voltage	Manufacturer	Price /Each
TF352	48-11-0100	2.4 V Battery Pack (1.3 Ah)		
TLV691	48-11-2001	4 V M4™ Redlithium™ 2.0 Battery (2.0 Ah)		
TLZ881	48-11-1830	Battery 18 V (Single Pack) (3.0 Ah)		
TFX221	48-11-2232	Battery 18 V (2.4 Ah)		
TYL255	48-11-1850	18 V M18™ Redlithium™ 2.0 Compact Battery Pack (2.0 Ah)		
TLZ452	48-11-1828	Battery 18 V Lithium High Capacity XC (3.0 Ah)		
TLZ453	48-11-1815	Battery 18 V Lithium (1.4 Ah) XC		
TY0323	48-11-1852	18 V M18™ Redlithium™ Battery Two Pack (5.0 Ah)		
TY0322	48-11-1841	18 V M18™ Redlithium™ Battery Ten Pack (4.0 Ah)		
TGX012	48-11-2830	28 V Battery Lithium-Ion (3.0 Ah)		
TLV226	195332-9	12 V Lithium-Ion (1.3 Ah) BL1014 - Single		
TLZ368	48-11-2401	12 V M12™ Lithium-Ion Battery (1.5 Ah)		
TLV039	48-11-2402	12 V M12™ XC Battery Pack (3.0 Ah)		
TLV692	48-11-2411	12 V M12™ Redlithium™ Battery 2 Pack (1.5 Ah)		
TLV693	48-11-2412	12 V M12™ Redlithium™ Battery 2 Pack (3.0 Ah)		
TLV694	48-11-2420	12 V M12™ Redlithium™ 2.0 Battery (2.0 Ah)		
TLV695	48-11-2440	12 V M12™ Redlithium™ 4.0 Battery (4.0 Ah)		
TY0324	48-59-2420	12 V M12™ Redlithium™ 2.0 Battery (2.0 Ah) & Charger		
TLV688	48-11-1811	18 V M18™ Battery 2 Pack (1.5 Ah)		
TLV689	48-11-1820	18 V M18™ Redlithium™ 2.0 Battery (2.0 Ah)		
TLV690	48-11-1822	18 V M18™ Battery 2 Pack (3.0 Ah)		
TY0328	48-59-1813	18 V M18™ Redlithium™ XC Battery (3.0 Ah) & Charger		
TY0329	48-59-1850	18 V M18™ Redlithium™ XC 5.0 Battery (2.0 Ah) & Charger		
TNB485	BL7010	7.2 V Lithium-Ion 1.0 Ah		
VI457	192681-5	12 V Battery 1220 w/clip (1.3 Ah)		
TYX005	197414-3	12 V Max CXT Li-Ion Battery (2.0 Ah)		
TYX006	197416-9	12 V Max CXT Li-Ion Battery (4.0 Ah)		
TLZ880	193062-6	14.4 V NiCd 1.3 Ah		
TLZ850	193139-7	14.4 V Ni-MH Battery 1435 (3.0 Ah)		
TYL256	196235-0	18 V Li-Ion Battery BL1815N (1.5 Ah)		
TYL079	196401-9	18 V BL1840 Battery		
TY0642	196675-2	18 V BL1850 Battery		
TDX430	193159-1	18 V 2.6 Ah Ni-MH Battery Pod Style 1834		
TLZ847	194205-3	18 V Lithium-Ion Battery BL1830 (3.0 Ah)		
TLZ851	193140-2	18 V Ni-MH Battery 1835 (3.0 Ah)		
TLZ879	194230-4	18 V Lithium-Ion 3.0 Ah BL1830 - Twin		
NJW954	196906-9	18 V Li-Ion Battery (2/pk) (3.0 Ah)		
TT909	DW9061	Battery Pack 9.6 V		
TT908	DC9071	Battery Pack 12.0 V XRP		
TT907	DC9091	Battery Pack 14.4 V XRP		
TT906	DC9096	Battery Pack 18.0 V XRP		
TGZ299	DC9096-2	18 V Battery, Pack of 2		
TNB487	DCB080	8 V MAX* Lithium-Ion Battery Pack		
TLV656	DCB203	20 V MAX* Compact XR Lithium-Ion Battery Pack		
TLV657	DCB204	20 V MAX* Premium XR Lithium Ion Battery Pack		
TLV774	DCB204-2	20 V MAX Premium XR Lithium-Ion 2-Pack		
TY0478	34-B 001	18 V Lithium Battery Pack		



CHARGERS

Model No.	Mfg. No.	Description	Manufacturer	Price /Each
TMB526	48-59-2001	M4™ Charger		
TEA462	48-59-0255	Charger Universal		
TLY294	48-59-0280	Charger Multi Bay Lithium-Ion/NiCd		
TEA461	48-59-0300	Charger 2.4 V 120 V		
TY0327	48-59-1807	M18™ & M12™ Rapid Charge Station		
TLY296	48-59-1812	Charger 12 and 18 V Lithium-Ion		
TLY297	48-59-2401	Charger 12 V		
TY0326	48-59-1204	M12™ Four Bay Sequential Charger		
TDX433	DC1804	7.2 V-18 V Charger for NiCd & Ni-MH		
TNB486	DC185E	LXT Lithium-Ion Optimum Automotive Charger 7.2V		
TYX076	DC18RD	Lio-On Dual Port Rapid Charger 18 V		
TLZ901	DC18RC	LXT Lithium-ion 18 V Charger		
TYD775	DCR015	12 V & 20 V MAX Worksite Charger Radio		
THZ762	DC9000	36 V 1-Hour Charger		
TLZ204	DC9310	Heavy-Duty 7.2 V - 18 V 1-Hour Charger - Nano/NiCd		
TLZ878	DC9319	Heavy-Duty 7.2 V - 18 V 1-Hour Vehicle Charger - Nano/NiCd		
TLZ855	DC9320	Heavy-Duty 7.2 V - 18 V Dual Port 1-Hour Charger - Nano/NiCd		
TLV658	DCB101	12 V MAX*-20 V MAX* Lithium-Ion Battery Charger		
TY0479	34-B 002	18 V Ventilated Chargin Station		



CORDED GRINDERS & SANDERS

ANGLE GRINDERS

- Compact, lightweight design
- 750 MWO motor: Powerful for daily applications
- Debris baffles: Protect internal components by deflecting damaging debris out of the airflow at the intake vents
- Multi-port exhaust: Reduces motor burn-up by efficiently venting hot air out of the grinder
- Tool free, burst resistant guard: The only grinder in its class with a tool free guard
- Compatible with multiple grinder guards and flanges
- Includes: Type 27 guard, side handle and spanner wrench

Model No. TLV064

Mfg. No. 6130-33

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 7.0
No Load RPM: 11 000
Spindle Size: 5/8"-11
Tool Weight: 3.5 lbs.



ANGLE GRINDERS

- Powerful 11 Amp, 11 000 RPM motor: Provides maximum performance and durability
- Overload protection: Maximizes motor life
- Electronic clutch: Extends tool life and prevents bind-up
- Tool-free accessory change: Easily change "All Accessories" without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Trigger grip handle: Provides better control, reach and leverage
- Includes: Type 27 guard, side handle, spanner wrench, flanges

Model No. TLV734

Mfg. No. 6121-31

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 11.0
No Load RPM: 11 000
Spindle Size: 5/8"
Tool Weight: 5.4 lbs.



4-1/2" ANGLE GRINDERS

- Dust Ejection System™ provides durability by ejecting damaging dust and debris particles
- Large spiral bevel gear provides long transmission life
- One-Touch™ Guard allows for 360° rotation of the guard with a single action
- Paddle switch with safety lock-off prevents accidental start up
- Includes: 2-position side handle and One-Touch™ Guard

Model No. TYL343

Mfg. No. DWE402

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 11.0
No Load RPM: 11 000
Spindle Size: 5/8"-11
Tool Weight: 4.6 lbs.



ANGLE GRINDERS W/CASE

- Labyrinth construction seals motor and bearings from contamination
- Thumb switch conveniently located for operator comfort
- Ergonomic soft grip for vibration absorption and comfortable operation
- Slim housing design for easy handling and maneuverability
- Includes: Grinding wheel, lock nut, lock nut wrench, inner flange, wheel cover assembly and plastic carrying case

Model No. TLV165

Mfg. No. GA4530K

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 6.0
No Load RPM: 11 000
Spindle Size: 5/8"
Tool Weight: 4.0 lbs.



ANGLE GRINDERS

- Super Joint System II reduces vibration and prevents kickback during wheel lock up
- Constant speed control maintains constant speed under heavy load
- Labyrinth construction features a series of channels to prevent penetration of dust and debris into the field and armature
- Rotatable gear housing can be positioned at every 90° for optimal positioning
- Includes: Depressed centre wheel, anti-vibration side handle, lock nut wrench, toolless wheel cover, inner flange and lock nut

Model No. TYL234

Mfg. No. GA4542C01

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 12.0
No Load RPM: 2800-11 000
Spindle Size: 5/8"-11
Tool Weight: 5.5 lbs.



ANGLE GRINDERS

- Powerful 7.5 Amp, 10 000 RPM motor: Provides maximum performance and durability
- Overload protection: Maximizes motor life
- Electronic clutch: Extends tool life and prevents bind-up
- Tool-free accessory change: Easily change all accessories without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Includes: 4 1/2" grinding wheel, wheel guard, lock nut, lock nut wrench, side handle and inner flange

Model No. TGZ314

Mfg. No. 9557NB

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 7.5
No Load RPM: 10 000
Spindle Size: 5/8"
Tool Weight: 4.5 lbs.



MINI-GRINDER™

- Safety clutch eliminates backlash
- Exclusive Quick feature for tool-free wheel change
- Includes: Grinding wheel and side handle

Model No. TD920

Mfg. No. 30-A-161

Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 120 V
Amperage: 8.0
No Load RPM: 10 000
Spindle Size: 5/8"
Tool Weight: 4.0 lbs.



CORDED GRINDERS & SANDERS

ANGLE GRINDERS

- Labyrinth construction seals motor and bearings from contamination
- Side handle can be mounted on left or right side of tool
- Conveniently located thumb switch for operator comfort
- Includes: 5" depressed centre wheel and side handle

Model No. TT957
Mfg. No. 9558NB
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 7.5
No Load RPM: 10000
Spindle Size: 5/8"
Tool Weight: 4.6 lbs.



HEAVY-DUTY ANGLE GRINDERS

- High power-to-weight ratio for greater efficiency and reduced user fatigue
- External brush doors for easy servicing
- Sealed ball and roller bearings for extended motor life
- Includes: Grinding wheel, wrench, keyless adjustable guard and two position side handle

Model No. VE980
Mfg. No. DW831
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 12.0
No Load RPM: 10000
Spindle Size: 5/8"
Tool Weight: 7.4 lbs.



ANGLE GRINDERS

- Labyrinth construction seals motor and bearings from contamination
- New motor with added resistance to heat and overload
- Motor winding protection to protect the wires from abrasion
- Includes: Side handle and 5" grinding wheel

Model No. TLZ330
Mfg. No. GA5010
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 10.5
No Load RPM: 11000
Spindle Size: 5/8"
Tool Weight: 7.9 lbs.



4-1/2" SMALL ANGLE GRINDER

- Electronic clutch extends tool life and prevents bind-up
- Easily change all accessories without a wrench
- Provides quick guard installations and adjustments
- Includes: (1) contractor bag, (1) flange, (1) grinding wheel, (1) side handle, (1) spanner wrench, (1) type 27 guard

Model No. TYX084
Mfg. No. 6141-31
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 4 1/2"
Voltage: 18 V
Amperage: 11.0
No Load RPM: 11000
Spindle Size: 5/8"-11
Tool Weight: 8.16 lbs.



ANGLE GRINDERS

- Rear handle design for greater control
- Trigger lock
- Light weight for high production work with less fatigue
- Includes: Grinding wheel, wheel guard, side handle and wrench

Model No. TF719
Mfg. No. 9005B
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 10.0
No Load RPM: 10000
Spindle Size: 5/8"
Tool Weight: 6.6 lbs.



SUPER-5 GRINDER™

- Safety clutch eliminates backlash
- Dustguard™ protects motor from abrasive particles
- Includes: Grinding wheel and side handle

Model No. TD921
Mfg. No. 30-A-150
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 10.5
No Load RPM: 10000
Spindle Size: 5/8"
Tool Weight: 4.2 lbs.



WALTER
Surface Technologies

ANGLE GRINDERS W/TRIGGER GRIP

- Trigger grip handle provides better control, reach and leverage
- Debris baffles protect internal components by deflecting damaging debris out of the airflow at the intake vents
- External brush doors reduces service time by providing easy access to brushes
- Includes: Side handle, spanner wrench and type 27 guard

Model No. TLZ810
Mfg. No. 6121-31A
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V AC/DC
Amperage: 11.0
No Load RPM: 11000
Spindle Size: 5/8"
Tool Weight: 5.6 lbs.



ANGLE GRINDERS W/LOCK-ON

- Powerful 13 Amp, 11 000 RPM motor: Provides maximum performance and durability
- Overload protection: Maximizes motor life
- Electronic clutch: Extends tool life and prevents bind-up
- Tool-free accessory change: Easily change all accessories without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Anti-vibration side handle: Reduces vibration, increasing user comfort during extended use
- Soft start: Allows maximum control at start-up
- Includes: Type 27 guard, side handle, spanner wrench and flanges

Model No. TLV197
Mfg. No. 6117-30
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 120 V
Amperage: 13.0
No Load RPM: 11000
Spindle Size: 5/8"
Tool Weight: 5.7 lbs.



Milwaukee

CORDED GRINDERS & SANDERS

ANGLE GRINDERS

- Slide switch with Lock-On
- Powerful 13 Amp, 11 000 RPM motor
- Electronic clutch: Extends tool life and prevents bind-up
- Tool-free accessory change: Easily change all accessories without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Anti-vibration side handle: Reduces vibration, increasing user comfort during extended use
- Soft start: Allows maximum control at start-up
- Includes: Type 27 guard, side handle, spanner wrench and flanges

Model No. TLV735

Mfg. No. 6117-33

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	5"
Voltage:	120 V
Amperage:	13.0
No Load RPM:	11 000
Spindle Size:	5/8"
Tool Weight:	5.7 lbs.



ANGLE GRINDERS W/TRIGGER GRIP

- Powerful 13 Amp, 9000 RPM motor: Provides maximum performance and durability
- Overload protection: Maximizes motor life
- Electronic clutch: Extends tool life and prevents bind-up
- Tool-free accessory change: Easily change all accessories without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Anti-vibration side handle: Reduces vibration, increasing user comfort during extended use
- Trigger grip handle: Provides better control, reach and leverage
- Includes: Lock-on, type 27 guard, side handle, spanner wrench and flanges

Model No. TLV198

Mfg. No. 6124-30

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	5"
Voltage:	120 V
Amperage:	13.0
No Load RPM:	9000
Spindle Size:	5/8"
Tool Weight:	5.7 lbs.



ANGLE GRINDERS W/LOCK-ON

- Powerful 13 Amp, 9000 RPM motor: Provides maximum performance and durability
- Overload protection: Maximizes motor life
- Electronic clutch: Extends tool life and prevents bind-up
- Constant Power Technology™: Maintains constant speed under load
- Tool-free accessory change: Easily change all accessories without a wrench
- Tool-free adjustable guard: Provides quick guard installations and adjustments
- Anti-vibration side handle: Reduces vibration, increasing user comfort during extended use
- Soft start: Allows maximum control at start-up
- Includes: Lock-on, type 1 guard, side handle and spanner

Model No. TLV199

Mfg. No. 6161-30

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	6"
Voltage:	120 V
Amperage:	12.0
No Load RPM:	9000
Spindle Size:	5/8"
Tool Weight:	6.3 lbs.



ROTO™ LARGE ANGLE GRINDERS TRIGGER GRIP W/LOCK-ON OR NON LOCK-ON

- 9-position rotating handle allows the user to adjust the main handle for better control
- Debris baffles protect internal components by deflecting damaging debris out of the airflow at the intake vents
- External brush doors - reduces service time by providing easy access to brushes
- Includes: Side handle, 7" and 9" type 27 guard and spanner wrench

Model No. TLZ821

Mfg. No. 6089-30

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	7" to 9"
Voltage:	120 V
Amperage:	15.0
No Load RPM:	6000
Spindle Size:	5/8"
Tool Weight:	13.7 lbs.
Trigger, Non Lock-On	
Model No.:	TLZ82



LARGE ANGLE GRINDERS TRIGGER GRIP W/LOCK-ON OR NON LOCK-ON

- Debris baffles protect internal components by deflecting damaging debris out of the airflow at the intake vents
- External brush doors reduce service time by providing easy access to brushes
- Soft-grip main handle provides better control and comfort
- Includes: Side handle, 7" and 9" type 27 guard and spanner wrench

Model No. TLZ819

Mfg. No. 6088-30

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	7" to 9"
Voltage:	120 V
Amperage:	15.0
No Load RPM:	6000
Spindle Size:	5/8"
Tool Weight:	13.7 lbs.
Trigger, Non Lock-On	
Model No.:	TLZ820



HEAVY-DUTY MEDIUM ANGLE GRINDERS

- High power-to-weight ratio for greater efficiency and reduced user fatigue
- External brush doors for easy servicing
- Sealed ball and roller bearing for extended motor life
- Includes: Grinding wheel and 2-position side handle

Model No. VE383

Mfg. No. DW840

Price/Each \$

SPECIFICATIONS

Wheel Diameter:	7"
Voltage:	120 V
Amperage:	13.0
No Load RPM:	8000
Spindle Size:	5/8"
Tool Weight:	8.0 lbs.



CORDED GRINDERS & SANDERS

HIGH PERFORMANCE 6" GRINDER WITH SLIDE SWITCH

- Power Loss Reset® prevents accidental restarts following a power disruption when the tool is left in the "on" position
- Dust ejection system provides durability by ejecting damaging dust and debris particles that enter through the air intake vents
- E-Clutch™ activates in less than a tenth of a second when a pinch/stall is detected, shutting down the motor
- Includes: Side handle, inner and outer flange, 6" type 27 guard, 6" type 1 guard
- Power Tool Type: Corded

Model No. TYW993
Mfg. No. DWE43140
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 6"
Voltage: 120 V
Amperage: 13.0
Max. Watts Out: 1700 W
No Load RPM: 9000
Spindle Size: 5/8" - 11
Tool Weight: 6.2 lbs.



6" ANGLE GRINDER

- Trigger Switch with No Lock-On Button
- SJS (Super Joint System) prevents kickback during wheel lock
- Electric Brake for increased operator safety
- Rotatable gear housing can be positioned at every 90° for optimal positioning
- Removable side handle can be mounted on left or right side of tool
- Ergonomic soft rubber grip design for vibration absorption and comfortable operation
- Includes: Grip, Lock Nut Wrench, Tool-less Wheel Cover, 6" Depressed Centre Wheel, Inner Flange, Lock Nut, Dust Cover Attachment

Model No. TNB127
Mfg. No. GA6020
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 6"
Voltage: 120 V
Amperage: 10.5
No Load RPM: 10 000
Spindle Size: 5/8" - 11 UNC
Tool Weight: 6.6 lbs.



ANGLE GRINDERS

- Ergonomic soft rubber grip for vibration absorption and comfortable operation
- Removable side handle can be mounted on left or right side of tool
- Rotatable gear housing can be positioned at every 90°
- Rear handle swivels 180°
- Includes: Vibration proof grip, dust cover attachment set, lock nut wrench, toolless wheel cover assembly, inner flange and lock nut

Model No. TLV144
Mfg. No. GA7031
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 7"
Voltage: 120 V
Amperage: 15.0
No Load RPM: 8500
Spindle Size: 5/8"
Tool Weight: 13.5 lbs.



ANGLE GRINDERS

- Labyrinth construction seals motor and bearings from contamination
- Removable side handle can be mounted in three positions
- Low vibration rear handle with soft grip for operator comfort and control
- Includes: 7" depressed centre wheel and side handle

Model No. TLY386
Mfg. No. GA7020
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 7"
Voltage: 120 V
Amperage: 15.0
No Load RPM: 8500
Spindle Size: 5/8"
Tool Weight: 11.2 lbs.



HEAVY-DUTY 6" DURON™ GRINDERS

- Dustguard™ protects motor from abrasive particles
- Rotating, full grip rear handle
- Brush service door for easy maintenance
- Includes: Grinding wheel, side handle, flange, clamping nut, pin key and wheel guard

Model No. WJ018
Mfg. No. 30A360
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 6"
Voltage: 120 V
Amperage: 12.0
No Load RPM: 10 000
Spindle Size: 5/8" - 11
Tool Weight: 7.4 lbs.



MAXI GRINDER™ 7"

- Carbon brush service door
- Lower profile gear housing
- More powerful motor, improved DUSTGUARD protection
- New ergonomic design with rotating back handle
- Tool-free adjustable guard and spindle lock

Model No. TD924
Mfg. No. 30A170
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 7"
Voltage: 120 V
Amperage: 15.0
No Load RPM: 8500
Spindle Size: 5/8" - 11
Tool Weight: 12.8 lbs.



MAXI GRINDER™ 9"

- Carbon brush service door
- Lower profile gear housing
- More powerful motor, improved DUSTGUARD protection
- New ergonomic design with rotating back handle
- Tool-free adjustable guard and spindle lock

Model No. TD925
Mfg. No. 30A190
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 9"
Voltage: 120 V
No Load RPM: 6000
Spindle Size: 5/8" - 11
Tool Weight: 12.8 lbs.



CORDED GRINDERS

HEAVY-DUTY 1 1/2" DIE GRINDERS

- AC/DC capacity works off welding machines and generators for increased productivity and versatility
- Convenient paddle switch with lock-on button for easy gripping
- Precision 1/4" collet with 1/8" reducing sleeve securely holds all proper accessories
- Includes: Two wrenches and 1/4" collet

Model No. TYK731
Mfg. No. DWE4887
Price/Each \$

SPECIFICATIONS

Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 3.0
No Load RPM: 25 000
Tool Weight: 3.25 lbs.



HEAVY-DUTY 1 5/8" DIE GRINDERS

- All ball and roller bearing construction
- Sturdy aluminum gear case
- Lightweight glass-reinforced nylon motor housing and handles
- For mounted wheels up to 1 5/8", reinforced wheels up to 2"

Model No. TF419
Mfg. No. 5192
Price/Each \$

SPECIFICATIONS

Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 4.5
No Load RPM: 21 000
Tool Weight: 4.5 lbs.



DIE GRINDERS

- All ball and roller bearing construction
- Paddle switch operated with body grip control
- 1/4" collet standard equipment, 1/8" collet available
- Includes: 11/16" open end wrench and 1/2" open end wrench

Model No. TF420
Mfg. No. 5194
Price/Each \$

SPECIFICATIONS

Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 4.5
No Load RPM: 21 000
Tool Weight: 4.5 lbs.



HEAVY-DUTY DIE GRINDERS

- External brush caps for easy servicing
- Collet sleeve allows users to operate both 1/4" & 1/8" shaft accessories
- Includes: 2 wrenches, 1/4" collet and 1/8" reducing sleeve

Model No. TT978
Mfg. No. DW888
Price/Each \$

SPECIFICATIONS

Size: 2"
Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 5.0
No Load RPM: 19 000
Tool Weight: 6.0 lbs.



DIE GRINDERS

- Low speed with very high torque, ideal for grinding and finishing work using brushes, flap discs and points
- Labyrinth dust proof construction prolongs tool life
- Electronic constant speed controller with soft start and variable speed dial
- Includes: Collet 1/4", two wrench and side handle set

Model No. TDU735
Mfg. No. GD0810C
Price/Each \$

SPECIFICATIONS

Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 6.6
No Load RPM: 1800-7000
Tool Weight: 6.6 lbs.



HEAVY-DUTY 2" DIE GRINDERS

- All ball and roller bearing construction
- Ball-bearing mounted armature
- Sturdy aluminum gear case
- Helical cut alloy steel gears and shaft
- For mounted wheels up to 2", reinforced wheels up to 2"

Model No. TF421
Mfg. No. 5196
Price/Each \$

SPECIFICATIONS

Collet Size: 1/4"
Voltage: 120 V AC/DC
Amperage: 11.0
No Load RPM: 14 500
Tool Weight: 7.8 lbs.



3" DIAMETER STRAIGHT GRINDER

- Cord Type: 9' fixed
- Spindle: 3/8"-24
- Includes: (1) 1" wrench, (1) 3" x 1/2" grinding wheel, (1) 9/16" wrench, (1) wheel guard
- Coated spindle housing for cool gripping surface
- Hinged face plate for quick easy wheel replacement
- Equipped with a hinged face plate with wing nut fasteners for easy wheel changes, this tool can accept up to 3 inch resinoid bond wheels

Model No. TF423
Mfg. No. 5211
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 3"
Voltage: 120 V
Amperage: 11.0
No Load RPM: 14 500
Tool Weight: 7.8 lbs.



5" DIAMETER STRAIGHT GRINDER

- Spindle: 5/8"-11
- Trigger Lock: On
- Includes: (1) 1-1/16" inch wrench, (1) 5" x 1" grinding wheel, (1) spanner wrench, (1) wheel guard
- Coated spindle housing for cool gripping surface
- Hardened helical-cut alloy steel gears and shaft

Model No. TYX085
Mfg. No. 5223
Price/Each \$

SPECIFICATIONS

Wheel Diameter: 5"
Voltage: 18 V
Amperage: 12.0
No Load RPM: 7000
Tool Weight: 8.2 lbs.



CORDED SHEARS & NIBBLERS

14-GAUGE SHEARS

- Rugged aluminium alloy gear case for maximum durability
- Paddle switch for convenient one-handed operation
- Cuts radius as small as 1"
- Includes: Blade kit (upper and lower blades, screws, nuts and wrenches)

Model No. TT960
Mfg. No. DW892
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	3.0 Amp
Strokes per minute:	2700
Capacity in Steel:	14 gauge
Capacity in Stainless Steel:	16 gauge
Tool Weight:	5.5 lbs.

SHEARS - 16 GAUGE

- Built-in thickness gauge for operator convenience
- Sliding on/off thumb switch
- 360° rotatable shear head
- Small circumference, ergonomic motor housing for increased comfort, maneuverability and control

Model No. TNB290
Mfg. No. JS1602
Price/Each \$



SPECIFICATIONS

Steel cutting capacity (mm):	1.6
Stainless Steel	
Cutting Capacity (mm):	1.2
Minimum Cutting Radius (mm):	30
Strokes per minute:	4000

18-GAUGE SHEARS

- 360° swivel head
- Trigger speed control
- Ergonomic tactile grip for optimal user comfort
- Includes: Hex wrench

Model No. THZ879
Mfg. No. 6852-20
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	6.8 Amp
Strokes per minute:	2500
Capacity in Steel:	18 gauge
Capacity in Stainless Steel:	20 gauge
Tool Weight:	4.1 lbs.

16-GAUGE SHEARS

- Construction Type: Double insulated
- Includes: (1) Allen wrench, (1) feeler gauge
- Scroll cuts are a snap with the easy to hold back handle design
- Easily adjusted blades make for easy work adjustment
- A handy tool for sheet metal work

Model No. TF629
Mfg. No. 6805
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	4 Amp
Strokes per minute:	4000
Capacity in Steel:	3/50"
Capacity in Stainless Steel:	1/20"
Tool Weight:	6.15 lbs.

16-GAUGE NIBBLERS

- Die rotates 360°, easy punch and die replacement for less down time
- Built-in thickness gauge for convenience
- Lock-on sliding switch for continuous use
- Includes: Wrench, hex wrench, punch and die

Model No. TW024
Mfg. No. JN1601
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	5.0 Amp
Strokes per minute:	2200
Capacity in Steel:	16 gauge
Capacity in Stainless Steel:	18 gauge
Tool Weight:	3.5 lbs.

16-GAUGE NIBBLERS

- Cuts up to 7 ft. per minute
- Cutter can be set in eight positions
- Paddle switch
- Includes: Allen wrench and plate wrench

Model No. TF638
Mfg. No. 6890
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	4.0 Amp
Strokes per minute:	1900
Capacity in Steel:	16 gauge
Capacity in Stainless Steel:	18 gauge
Tool Weight:	4.8 lbs.

10-GAUGE NIBBLERS

- Cuts up to 8.75 ft. per minute
- Cutter can be set in eight positions
- Toggle switch
- Includes: Allen wrench and side handle

Model No. TF637
Mfg. No. 6880
Price/Each \$



SPECIFICATIONS

Voltage:	120 V AC/DC
Amperage:	4.0 Amp
Strokes per minute:	1000
Capacity in Steel:	10 gauge
Capacity in Stainless Steel:	12 gauge
Tool Weight:	9.3 lbs.

14-GAUGE SHEARS

- Trigger Lock: On/off
- Construction Type: Double insulated
- Includes: (1) Allen wrench, (1) feeler gauge
- Clear unobstructed visibility
- Blade design eliminates jamming
- Cuts close curves either left or right
- Simple, shim-free blade adjustment
- Leaves edges smooth and burr free

Model No. TF631
Mfg. No. 6815
Price/Each \$



SPECIFICATIONS

Voltage:	120 V
Amperage:	5.0 Amp
Strokes per minute:	4000
Capacity in Steel:	5/64"
Capacity in Stainless Steel:	1/16"
Tool Weight:	5.0 lbs.

CORDED SAWS

14" CHOP SAWS

- Guide plate adjusts 45° right and left and moves to three locations for various sizes of materials
- Spark guard, adjustable depth stop and quick release vice
- Cuts a wide variety of materials including ferrous and non-ferrous metals
- Includes: One abrasive wheel, socket wrench and quick vise

Model No. VI526
Mfg. No. 2414DB
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 3.2
No Load RPM: 3800
Blade Diameter: 14"
Tool Weight: 43.0 lbs.



Makita

HEAVY-DUTY 14" CHOP SAWS

- 45° pivoting fence allows accurate angle cuts
- Spindle lock allows users to make wheel changes quickly
- Includes: 14" abrasive wheel and wrench

Model No. TGZ305
Mfg. No. D28710
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 4.0
No Load RPM: 3800
Blade Diameter: 14"
Cutting Capacity
Round: 5"
Rectangle: 4 3/4" x 5 1/3"
Tool Weight: 35.0 lbs.



DeWALT

14" CHOP SAWS KEYLESS BLADE CHANGE

- 45° adjustable fence allows angle cuts without using a wrench
- Soft start extends gear and motor life
- Includes: 14" abrasive wheel, fence wrench and tool free flange system

Model No. TJZ872
Mfg. No. D28715
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 5.5
No Load RPM: 4000
Blade Diameter: 14"
Cutting Capacity
Round: 5"
Rectangle: 4 1/2" x 6 1/2"
Tool Weight: 39.0 lbs.



DeWALT

HEAVY-DUTY 14" MULTI-CUTTER SAWS

- Cuts a wide variety of materials including ferrous and non-ferrous metals
- Depth of cut remains constant for carbide tipped blade
- Includes: 14" carbide tipped blade, wrench and vertical clamp

Model No. UG967
Mfg. No. DW872
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 4.0
No Load RPM: 1300
Blade Diameter: 14"
Cutting Capacity
Round: 5 3/16"
Rectangle: 4 1/2" x 6 1/2"
Tool Weight: 47.0 lbs.



DeWALT

14" ABRASIVE CHOP SAWS

- Powerful 15 Amp, 4.0 max. HP motor: Delivers maximum cutting performance in a wide variety of materials
- Large cutting capacity: Provides versatility for a wide range of cutting applications, up to 5" pipe
- 45° miter capacity with adjustable fence
- Quick adjust vise clamp: Allows clamp to be adjusted quickly when cutting different material sizes
- All ball bearing construction: Delivers maximum durability
- Includes: Vise, abrasive wheel and hex wrench

Model No. TLV202
Mfg. No. 6177-20
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 4.0
No Load RPM: 3900
Blade Diameter: 14"
Tool Weight: 40.0 lbs.



Milwaukee

PERFORMANCE PLUS 14" CHOP SAWS

- Ball bearing induction motor
- Spark deflector for safe operation
- Quick release vise for holding workpiece, which allows cuts up to a 45° angle

Model No. WK772
Mfg. No. 8342N
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
No Load RPM: 3750
Blade Diameter: 14"
Max. Depth of Cut: 4"
Max. Width of Cut: 7 1/4"
Tool Weight: 45.0 lbs.



KING
CANADA

14" HAND HELD CUT-OFF MACHINES

- Downward cutting motion makes this handheld cut-off machine ideal for heavy-duty concrete and metal cutting applications
- Full 4 7/16" cut depth and downward cutting rotation
- Blade, cut-depth and guard angle adjustments are fast and easy because of the spindle lock and large footplate wing nuts
- Includes: One Allen wrench, one back flange, one flange nut and one top flange

Model No. TEA157
Mfg. No. 6185-20
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
Motor Horsepower: 4.8
No Load RPM: 4600
Blade Diameter: 14"
Tool Weight: 27.3 lbs.



Milwaukee

10" DUAL SLIDING COMPOUND MITRE SAWS W/LASER



- Sliding rail mechanism incorporating three linear ball bearings provides increased rigidity to produce precise cuts right out of the box
- Sliding fence (left side) can be adjusted outwards when bevel cutting or inwards for increased support of small or delicate materials
- Battery operated, factory calibrated Class 2 laser
- Bevel capacity of 45° left or right
- Mitre capacity of 47° left or 60° right with positive stops at 0°, 15°, 22.5°, 31.6° and 45°
- 2-stage safety switch for increased operator safety
- Includes: 10" mitre saw blade 40CT, box wrench, dust bag, vertical vise, triangle rule, 2 ea. holder

Model No. TLV225
Mfg. No. LS1018L
Price/Each \$

SPECIFICATIONS

Amperage:	13.0
No Load RPM:	4300
Arbor:	5/8"
Mitre Range:	47° Left to 60° Right
Bevel Range:	45° Left to 45° Right
Soft Start:	Yes
Tool Weight:	43.7 lbs.



HEAVY DUTY 12" DOUBLE BEVEL COMPOUND MITRE SAWS



- Precise mitre system and machined base fence support deliver increased cutting accuracy
- Tall sliding fences support crown mouldings up to 6 5/8" nested and base mouldings up to 6 1/2" vertically
- Adjustable stainless steel mitre detent plate
- Innovative gearbox and belt-drive design
- Includes: Carbide blade, dust bag, blade wrench

Model No. TGZ310
Mfg. No. DW716
Price/Each \$

SPECIFICATIONS

Positive Mitre	
Detents:	11 Positive Stops
Mitre Range:	0°-50° Left, 0°-50° Right
Bevel Range:	0°-48° Left, 0°-48° Right
Vertical Capacity:	6 1/2" (baseboard against fence)
Horizontal Capacity:	8" (10" with back fence, baseboard lying flat)
No Load RPM:	3600
Arbor:	5/8" or 1"
Motor:	120 VAC, 15 A
Tool Weight:	44 lbs.



12" DUAL SLIDING COMPOUND MITRE SAWS



- Dual sliding rail mechanism incorporating six linear ball bearings provides increased rigidity to produce precise, adjustment free cuts right out of the box
- 3-stage gear reduction system greatly increases capacity
- Electronic speed control maintains constant speed under heavy load
- Bevel capacity of 45° left or right with positive stops at 0°, 22.5°, 33.9° and 45°
- Mitre capacity of 52° left or 60° right with positive stops at 0°, 15°, 22.5°, 31.6° and 45°
- Re-located mitre scale enables easier viewing during operation
- Includes: 12" mitre saw blade 70CT, box wrench, dust bag, 2 ea. switch safety buttons, vertical vise, triangle rule, 2 ea. holder

Model No. TLV171
Mfg. No. LS1216
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	3200
Arbor:	1"
Mitre Range:	52° Left to 60° Right
Bevel Range:	45° Left to 45° Right
Soft Start:	Yes
Tool Weight:	58.6 lbs.



10" DUAL SLIDING COMPOUND MITRE SAWS



- Mitre cuts 0-47° left and 0-52° right with positive stops at 15°, 22.5°, 31.6°, 45° left and right and 0°
- Electronic speed control for constant speed regardless of load
- Two pole linear ball bearing mounted sliding cutting head, adjustable pivot fence for supporting larger stock
- Includes: (1x) 10" (64 tooth) Carbide tipped saw blade, vertical vise, socket wrench #13, dust bag, triangular rule

Model No. TD896
Mfg. No. LS1016
Price/Each \$

SPECIFICATIONS

Amperage:	13.0
No Load RPM:	3700
Arbor:	5/8"
Mitre Range:	0°-47° Left to 0°-52° Right
Blade Size:	10" Dia.
Tool Weight:	46.5 lbs.



12" COMPOUND MITRE SAWS



- Positive stops at nine settings; 15°, 22.5°, 31.6°, 45°, left and right and 0° mitre cuts
- Horizontal D-handle design
- Includes: Carbide blade, socket wrench, dust bag, triangular rule, two holders and vertical vise

Model No. TDU772
Mfg. No. LS1221
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	4000
Arbor:	1"
Mitre Range:	48° Left to 48° Right
Bevel Range:	45° Left to 0° Right
Tool Weight:	36.4 lbs.



10" COMPOUND MITRE SAWS

- Positive stops at nine settings; 15°, 22.5°, 31.6°, 45°, left and right and 0° mitre cuts
- Precision machined aluminum base
- Shaft lock for easy blade changes
- Includes: Cross-cut blade, dust bag, triangular rule and socket wrench

Model No. VK963
Mfg. No. LS1040
Price/Each \$

SPECIFICATIONS

Positive mitre detents:	0°, 15°, 22.5°, 31.6° and 45° left and right
Mitre range:	45° left, 52° right
Bevel range:	45° left, 45° right
Vertical cap.:	2 3/4"
Horizontal cap.:	5 1/8"
No load speed:	4600 RPM
Arbor Size:	5/8"
Motor:	120 V AC, 15.0 A
Weight:	24.2 lbs.
Blade Diameter:	10"



CORDED SAWS

12" DOUBLE BEVEL SLIDING COMPOUND MITER SAW



- Integrated XPS cross cut positioning system provides adjustment-free cut line indication for better accuracy and visibility
- Powerful 15 amp motor delivers extended power and durability
- Super efficient dust collection system captures over 75% of dust generated
- Exclusive back fence design cuts up to 2 x 16 dimensional lumber at 90° and 2 x 12 at 45°
- Adjustable stainless steel miter detent plate with 10 positive stops
- Dual horizontal steel rails with innovative clamping mechanism and linear ball bearings
- Innovative gearbox and belt-drive design increases vertical cutting capacity
- Includes: Carbide blade, blade wrench, dust bag & vertical material clamp

Model No. TLV876
Mfg. No. DWS780
Price/Each \$

SPECIFICATIONS

Voltage: 120
Amperage: 15.0
Arbor: 5/8" or 1"
Mitre Range: 50° Left and 60° Right
Tool Weight: 56.0 lbs.



M18 FUEL™ DUAL BEVEL SLIDING COMPOUND MITER SAW KIT



- Includes: (1) M18™ REDLITHIUM™ HIGH DEMAND™ 9.0 battery pack, (1) blade wrench, (1) carbide tipped blade, (1) clamp, (1) dust bag
- Brushless motor runs cooler, lasts longer and delivers up to 55% faster application speed
- Cam locking miter system with adjustable stainless steel miter detent plate and 11 detent locations
- Up to 400 cuts per charge

Model No. TYX086
Mfg. No. 2734-21HD
Price/Each \$

SPECIFICATIONS

Voltage: 18
Amperage: 9.0
No Load RPM: 4000
Arbor: 5-3/4"
Mitre Range: 50° Left to 60° Right
Bevel Range: 48° Left to 48° Right
Tool Weight: 45.0 lbs.



10" SLIDING COMPOUND MITRE SAWS W/LASER

- Twin laser guide system indicates the cut line on both sides of the blade kerf for reliable cuts every time
- Dual rail sliding system for sturdy, accurate and smooth sliding action
- Rotating table has nine positive stops at 0°, 15°, 22.5°, 30° and 45° right and left
- Includes: 2-position vertical hold down vise, retractable extension wings, dust bag and blade socket wrench

Model No. TBS757
Mfg. No. 8380
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
No Load RPM: 5200
Arbor: 5/8"
Mitre Range: 45° Left to 45° Right
Bevel Range: 45° Left to 0° Right
Tool Weight: 40.0 lbs.



10" SLIDING DUAL COMPOUND MITRE SAWS W/LASER

- Twin laser guide system indicates the cut line on both sides of the blade kerf for reliable cuts every time
- Dual compound cuts (mitre and bevel) up to 45° left and right
- Dual rail sliding system for sturdy, accurate and smooth sliding action
- Rotating table has nine positive stops at 0°, 15°, 22.5°, 30° and 45° right and left
- Includes: 2-position vertical hold down vise, retractable extension wings, dust bag and blade socket wrench

Model No. TLV733
Mfg. No. 8385N
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
No Load RPM: 5000
Arbor: 5/8"
Mitre Range: 45° Left to 45° Right
Bevel Range: 45° Left to 0° Right
Tool Weight: 42.0 lbs.



12" SINGLE-BEVEL COMPOUND MITRE SAWS



- Adjustable stainless steel mitre detent plate with 11 positive stops
- Tall sliding fence supports crown molding up to 5 1/4" nested and base molding up to 6 1/2" vertically against the fence
- Designed for use with the THZ670 adjustable mitre saw laser system
- Includes: Carbide blade, extension kit, dust bag and blade wrench

Model No. TGZ308
Mfg. No. DW715
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
No Load RPM: 4000
Arbor: 5/8" or 1"
Mitre Range: 50° Left to 50° Right
Bevel Range: 48° Left to 3° Right
Tool Weight: 42.0 lbs.



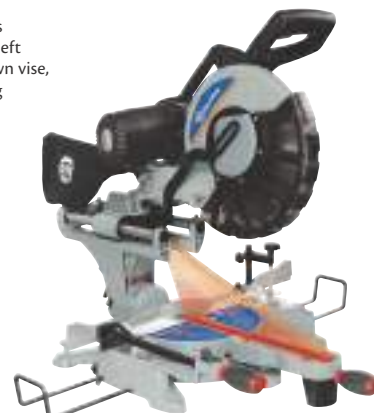
12" SLIDING DUAL COMPOUND MITRE SAWS W/LASER

- Twin laser guide system indicates the cut line on both sides of the blade kerf for reliable cuts every time
- Dual rail sliding system for sturdy, accurate and smooth sliding action
- Rotating table has nine positive stops at 0°, 15°, 22.5°, 30° and 45° right and left
- Includes: 2-position vertical hold down vise, retractable extension wings, dust bag and blade socket wrench

Model No. TLY298
Mfg. No. 8390N
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
No Load RPM: 3600
Arbor: 1"
Mitre Range: 45° Left to 45° Right
Bevel Range: 45° Left to 45° Right
Tool Weight: 55.0 lbs.



7 1/4" CIRCULAR SAWS W/HIGH STRENGTH BASE

- High strength base will withstand a one story drop
- 56° beveling capacity with stops at 45° and 22.5°
- Electric brake stops blade after use
- Includes: Carbide tipped blade, blade wrench and contractor bag

Model No. TSW598
Mfg. No. DWE575SB
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5200
Depth of Cut at 45°:	1 3/4"
Depth of Cut at 90°:	2 1/2"
Tool Weight:	8.8 lbs.



DEWALT

7 1/4" LEFT BLADE CIRCULAR SAWS

- Handle position can be moved to eight different positions
- Full 50° bevel capacity
- Cut visibility for right hand users with the blade on the left side
- Includes: Case, blade and hex blade wrench

Model No. TEA172
Mfg. No. 6391-21
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5800
Depth of Cut at 45°:	1 13/16"
Depth of Cut at 90°:	2 7/16"
Tool Weight:	10.4 lbs.



Milwaukee

8 1/4" CIRCULAR SAWS

- Rear pivot depth of cut adjustment
- 50° bevel capacity
- Electric brake stops blade after use
- Includes: Carbide tipped blade and blade wrench

Model No. TW314
Mfg. No. DW384
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5800
Depth of Cut at 45°:	2 1/4"
Depth of Cut at 90°:	2 15/16"
Tool Weight:	12.75 lbs.



DEWALT

TILT-LOK™ 7 1/4" CIRCULAR SAWS

- Handle can be moved to different positions
- Full 50° bevel capacity
- Quick-Lok™ cord
- Includes: Blade and hex blade wrench

Model No. TEA173
Mfg. No. 6394-21
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5800
Depth of Cut at 45°:	1 13/16"
Depth of Cut at 90°:	2 7/16"
Tool Weight:	10.4 lbs.



Milwaukee

7 1/4" CIRCULAR SAWS

- High power, maximum cutting depth of 2 1/2"
- Electric brake, twin LED lights, heavy gauge aluminium base with ruler markings
- Bevel adjustment with positive stops at 22.5° and 45°
- Includes: Guide rule, hex wrench, carbide tipped black M-Force saw blade

Model No. TLV574
Mfg. No. 500FA
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5800
Depth of Cut at 45°:	1 3/4" (1 3/8" at 50°)
Depth of Cut at 90°:	2 1/2"
Tool Weight:	11.1 lbs.



Makita

8" METAL CUTTING SAWS

- Durable blade shield with integral chiptank deflects hot chips and sparks
- Quick-release shield latch for fast waste disposal and blade changes
- Lever's location ensures user has both hands firmly on the saw
- Includes: Case, circular saw blade and hex blade wrench

Model No. TEX280
Mfg. No. 6370-21
Price/Each \$

SPECIFICATIONS

Amperage:	13.0
No Load RPM:	3700
Depth of Cut at 90°:	2 9/16"
Tool Weight:	13.3 lbs.



Milwaukee

7 1/4" CIRCULAR SAWS

- Heavy-duty aluminum base plate for jobsite durability
- Well balanced design for better control from above or behind the saw
- Bevel capacity of 45°
- Includes: 1 ea. 7-1/4" Blade 24T, Wrench 13 (782016-4)

Model No. TF382
Mfg. No. 5007NB
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5800
Depth of Cut at 45°:	1 3/4"
Depth of Cut at 90°:	2 3/8"
Tool Weight:	11.2 lbs.



Makita

8 1/4" CIRCULAR SAWS

- High performance magnesium blade casing and base
- Bevel adjustment with positive stops at 22.5°, 45°, and 50°
- Electric brake, two built in LED lights, rubberized grips
- Includes: Carbide tipped blade, guide rule, hex wrench

Model No. TLY363
Mfg. No. 5008MGA
Price/Each \$

SPECIFICATIONS

Amperage:	15.0
No Load RPM:	5200
Depth of Cut at 45°:	2 1/4" (2" at 50°)
Depth of Cut at 90°:	3
Tool Weight:	11.2 lbs.



Makita

CORDED SAWS

COMPACT BAND SAWS

- 45% lighter than deep cut, 9.5 lbs. compact lightweight design for cutting overhead and in tight places
- 200-360 SFPM variable speed dial
- Drop resistant pulley guard, cast aluminum gear case, LED work light
- Includes: Blade and case

Model No. TLV040
Mfg. No. 6242-6
Price/Each \$

SPECIFICATIONS

Amperage:	7.0
Saw Surface Feet per Minute (SFPM):	200-360
Max Capacity	
Rectangular:	3 1/4" x 3 1/4"
Round:	3 1/4"
Tool Weight:	9.5 lbs.



Milwaukee

DEEP CUT BAND SAWS

- Variable speeds dial and trigger and 2-finger variable speed trigger
- Adjustable material guide
- Rear blade guard - 30% thicker steel protects the guard from bending or pinching during material break-through
- Includes: Carrying case

Model No. TLV447
Mfg. No. 6232-21
Price/Each \$

SPECIFICATIONS

Amperage:	10.5
Saw Surface Feet per Minute (SFPM):	0-420
Max Capacity	
Rectangular:	4 7/8" x 4 7/8"
Round:	4 7/8"
Tool Weight:	17.5 lbs.



Milwaukee

DEEP CUT PORTA-BAND® SAWS

- Dual bearing blade guide rollers increase durability in the blade support system
- Speed control knob allows to tailor the blade speed
- Blade tracking adjustment increases blade life
- Includes: Hex wrench and standard blade

Model No. TKZ842
Mfg. No. DWM120K
Price/Each \$

SPECIFICATIONS

Amperage:	10.0
Saw Surface Feet per Minute (SFPM):	100-350
Max Capacity	
Rectangular:	5" x 4 3/4"
Round:	5"
Tool Weight:	14 lbs.



DEWALT

COMPACT JIG SAWS

- Keyless blade lever
- Variable speed with 4-position orbital action
- Shoe bevels 0° to 45° for bevelled cuts
- Includes: Heavy-duty case and one blade

Model No. TDX440
Mfg. No. DW317K
Price/Each \$

SPECIFICATIONS

Amperage:	5.5
Stroke Length:	1"
Strokes per Minute (SPM):	0-3100
Tool Weight:	6.2 lbs.



DEWALT

ORBITAL JIG SAWS

- Keyless shoe adjustment with 45° in both directions and orbital action with four adjustment levels
- Quik-Lok™ blade change system and built-in dust collection port
- Tachometer feedback for constant cutting speed
- Includes: Dust shield and two blades

Model No. TKZ868
Mfg. No. 6268-21
Price/Each \$

SPECIFICATIONS

Amperage:	6.5
Stroke Length:	1"
Strokes per Minute (SPM):	0-3000
Tool Weight:	6.4 lbs.



Milwaukee

JIG SAWS

- Uses tang style blades only
- Variable speed, vacuum port, three orbital settings plus straight cutting
- Adjustable base bevels from 0°-45° left and right
- Includes: One jig saw blade and carrying case

Model No. TLY335
Mfg. No. 4329K
Price/Each \$

SPECIFICATIONS

Amperage:	3.9
Stroke Length:	11/16"
Strokes per Minute (SPM):	500-3100
Tool Weight:	4.2 lbs.



Makita

ORBITAL/STRAIGHT JIG SAWS

- Built-in LED job light
- Orbital change lever offers three stages and one straight cutting action, accepts tang shank blades
- Adjustable cast aluminium base; 0-45° bevel right and left
- Includes: Jig saw blade set and carrying case

Model No. TLY334
Mfg. No. 4350FCT
Price/Each \$

SPECIFICATIONS

Amperage:	6.3
Stroke Length:	1"
Strokes per Minute (SPM):	800-2800
Tool Weight:	5.3 lbs.



Makita

HEAVY-DUTY JIG SAWS

- Keyless blade lever
- Variable speed with 4-position orbital action
- Integrated dust blower maintains visibility of cut line
- Includes: Heavy-duty case

Model No. TGZ304
Mfg. No. DW331K
Price/Each \$

SPECIFICATIONS

Amperage:	6.5
Stroke Length:	1"
Strokes per Minute (SPM):	500-3100
Tool Weight:	6.4 lbs.



DEWALT

SAWZALL® RECIPROCATING SAWS

- Powerful 12 Amp motor: Delivers 0-3000 SPM for high performance cutting in a variety of materials
- 3/4" stroke length
- Counter weighted mechanism: Provides reduced vibration for smoother operation
- Quik-Lok™ blade clamp: Provides fast, tool-free blade changes
- Includes: Carrying case

Model No. TLV200
Mfg. No. 6509-31
Price/Each \$

SPECIFICATIONS

Stroke Length: 3/4"
Amperage: 12.0
Strokes per Minute: 0-3000
Tool Weight: 7.1 lbs.



360° ROTATING HANDLE ORBITAL SUPER SAWZALL®

- Rotating handle locks at 45° increments
- Variable speed trigger and dial speed control
- Quik-Lok™ blade clamp, tool-less blade change and impact protection
- Includes: Carrying case and one blade

Model No. TFX209
Mfg. No. 6523-21
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/4"
Amperage: 13.0
Strokes per Minute: 0-3000
Tool Weight: 10.0 lbs.



SAWZALL® RECIPROCATING SAWS

- Powerful 12 Amp motor: Delivers 0-3000 SPM for high performance cutting in a variety of materials
- 1 1/8" stroke length
- Counter weighted mechanism: Provides reduced vibration for smoother operation
- Quik-Lok™ blade clamp for fast, tool-less blade changes
- Includes: Carrying case

Model No. TLV201
Mfg. No. 6519-31
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/8"
Amperage: 12.0
Strokes per Minute: 0-3000
Tool Weight: 7.1 lbs.



SUPER SAWZALL®

- Maintains constant speed under load
- Variable speed trigger and dial speed control
- Quik-Lok™ blade clamp, tool-less blade change and impact protection
- Includes: Carrying case and one blade

Model No. TLY299
Mfg. No. 6538-21
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/4"
Amperage: 15.0
Strokes per Minute: 0-2800
Tool Weight: 9.8 lbs.



VARIABLE SPEED RECIPROCATING SAWS

- Tool-less blade change system
- Blade can be inverted for near flush cutting
- Accepts standard 1/2" shank blades
- Includes: One saw blade

Model No. TFX099
Mfg. No. JR3050TY
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/8"
Amperage: 11.0
Strokes per Minute: 0-2800
Tool Weight: 7.1 lbs.



RECIPROCATING SAW

- Powerful motor designed for heavy-duty applications
- Keyless, lever-action blade clamp for quick and easy blade changes
- 4-position blade clamp allows for flush cutting and increased versatility
- Variable speed trigger allows user to instantly control speed

Model No. TYL342
Mfg. No. DWE305
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/8"
Voltage: 120
Amperage: 12.0
Strokes per Minute: 0-2900
Tool Weight: 7.2 lbs.



ANTI-VIBRATION RECIPROCATING SAWS

- Features anti-vibration technology (AVT)
- Orbital change lever offers three stages and one straight cutting action
- Accepts standard 1/2" shank blades
- Includes: One saw blade and carrying case

Model No. TGX675
Mfg. No. JR3070CT
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/4"
Amperage: 15.0
Strokes per Minute: 0-2800
Tool Weight: 9.5 lbs.



HEAVY-DUTY RECIPROCATING SAWS

- Orbital action
- Keyless blade clamp and keyless adjustable shoe
- Variable speed trigger and dial
- Includes: Carrying case

Model No. TGZ301
Mfg. No. DW311K
Price/Each \$

SPECIFICATIONS

Stroke Length: 1 1/8"
Amperage: 13.0
Strokes per Minute: 0-2700
Tool Weight: 9.0 lbs.



CORDED GRINDERS & SANDERS

RANDOM ORBIT PALM SANDERS

- Fast random-orbit action for aggressive sanding
- Efficient through the pad dust collection system
- High power motor for heavy duty application
- Includes: 5" abrasive disc, dust bag and pad

Model No. TLY383
Mfg. No. BO5030
Price/Each \$

SPECIFICATIONS

Sandpaper Size: 5"
Voltage: 120 V
Amperage: 3.0
Orbits per Minute: 12000
Orbit Diameter: 1/8"
Tool Weight: 2.9 lbs.



SHEET PALM SANDERS

- Dust bag for clean and efficient sanding with extended sandpaper life by reducing clogging
- All ball bearing construction for smooth operation, engineered to operate at low noise level with reduced vibration
- Comes with easy to use clamp lever and hook and loop pad
- Includes: Dust bag, nozzle, dust nozzle, punch plate, three sanding paper and plastic case

Model No. TLY382
Mfg. No. BO4555K
Price/Each \$

SPECIFICATIONS

Sandpaper Size: 1/4 sheet
Voltage: 120 V
Amperage: 2.0
Orbits per Minute: 14000
Tool Weight: 2.4 lbs.



HEAVY DUTY 3" X 24" BELT SANDER

- All ball and needle bearing construction
- Fast sandpaper changes with lever clamps
- Includes: Dust bag and 10-pack of abrasive belts

Model No. TF795
Mfg. No. 9924DB
Price/Each \$

SPECIFICATIONS

Belt Size: 3" Wx 24" L
Voltage: 120 V
Amperage: 7.8
Surface Feet per Minute: 1300
Tool Weight: 10.5 lbs.



RANDOM ORBIT PALM SANDERS

- Variable speed dial: 7000-12000 orbits per minute
- Electronic soft start quickly and steadily ramps the motor up in stages
- Integrated vacuum ports fits 1 1/4" or 2 1/4" hoses
- Includes: Dust bag and carrying case

Model No. TLZ441
Mfg. No. 6021-21
Price/Each \$

SPECIFICATIONS

Sandpaper Size: 5"
Voltage: 120 V
Amperage: 3.0
Orbits per Minute: 7000-12000
Orbit Diameter: 3/32"
Tool Weight: 3.3 lbs.



SHEET FINISHING SANDER

- Powerful motor features increased power input and increased cooling for demanding sanding applications
- Redesigned housing reduces height creating a lower centre of gravity to improve handling and maneuverability
- Large clamping Lever for quick and easy sandpaper changes
- Rigid aluminum foot with sponge sleeves for durability and effective vibration dampening
- Ergonomic soft rubber grip design for vibration absorption and comfortable operation
- Pad Size: 3-5/8"W x 7-1/4"D • Overall Length: 10"
- Includes: Dust bad, Punch plate, pad

Model No. TDU674
Mfg. No. BO3710
Price/Each \$

SPECIFICATIONS

Sandpaper Size: 1/3 sheet
Voltage: 120 V
Amperage: 1.7
Orbits per Minute: 11000
Tool Weight: 3.5 lbs.



VARIABLE SPEED SANDERS

- Motor is located over platen for maximum performance and perfect balance
- Variable-speed dial is conveniently placed on the handle, allowing belt speed adjustment from 1000 to 1500 SFPM
- Fingertip belt tracking knob for quick, accurate belt adjustments, quick release belt change lever
- Includes: 100 g ceramic aluminium oxide belt and dust bag assembly

Model No. TD645
Mfg. No. 362V
Price/Each \$

SPECIFICATIONS

Belt Size: 4" x 24"
Voltage: 120 V
Amperage: 12.0
Surface Feet per Minute: 1000 - 1500
Tool Weight: 14.5 lbs.



PORTER-CABLE

3.5 MAX HP, 7"X9" SANDER

- Trigger Lock: Yes
- Includes: (1) flange, (1) nylon washer, (1) side handle
- Spiral bevel gearing for performance and durability
- Sander may be converted to grinder by using the proper wheel guard

Model No. TF490
Mfg. No. 6065-6
Price/Each \$

SPECIFICATIONS

Sandpaper Size: 9"
Voltage: 120 V
Amperage: 15.0
Orbits per Minute: 5000
Orbits diameter: 1"
Spindle: 5/8"-11
Tool Weight: 12.0 lbs.



VARIABLE SPEED SANDERS

- Motor is located over platen for maximum performance and perfect balance
- Variable-speed dial is conveniently placed on the handle, allowing belt speed adjustment from 850 to 1300 SFPM
- Fingertip belt-tracking knob for quick, accurate belt adjustments, quick release belt change lever
- Includes: 100 g ceramic aluminium oxide belt and dust bag assembly

Model No. TF258
Mfg. No. 352VS
Price/Each \$

SPECIFICATIONS

Belt Size: 3" x 21"
Voltage: 120 V
Amperage: 8.0
Surface Feet per Minute: 850 - 1300
Tool Weight: 10.75 lbs.



PORTER-CABLE

CORDED IMPACT WRENCHES

1/2" IMPACT WRENCHES

- Pin-detent system to retain sockets or adapters and a rocker switch for quick selection of forward or reverse
- Ergonomic handle with a soft cushioned grip provides a well-balanced and controllable feel to the tool
- Rocker switch for quick selection of forward and reverse

Model No. WJ082
Mfg. No. 9070-20
Price/Each \$

SPECIFICATIONS

Socket Size: 1/2"
Amperage: 7.0
Torque: 300 ft.-lbs.
No Load RPM: 0-4000
No Load IPM: 2600
Tool Weight: 6.0 lbs.



1/2" VSR IMPACT WRENCH KITS

- Pin-detent system to retain sockets or adapters and a rocker switch for quick selection of forward or reverse
- Ergonomic handle with a soft cushioned grip provides a well-balanced and controllable feel to the tool
- 10' Quik-Lok® 2-wire cord
- Includes: Case and six sockets

Model No. WJ083
Mfg. No. 9072-22
Price/Each \$

SPECIFICATIONS

Socket Size: 1/2"
Amperage: 7.0
Torque: 100-300 ft.-lbs.
No Load RPM: 600-1800
No Load IPM: 1000-2600
Tool Weight: 6.0 lbs.



3/4" IMPACT WRENCHES

- Rocker switch for quick selection of forward and reverse
- Friction ring socket retention
- Light weight with balanced feel and cushioned grip

Model No. TEA202
Mfg. No. 9075-20
Price/Each \$

SPECIFICATIONS

Socket Size: 3/4"
Amperage: 7.0
Torque: 380 ft.-lbs.
No Load RPM: 1750
No Load IPM: 2500
Tool Weight: 6.2 lbs.



3/4" IMPACT WRENCHES

- Rocker reversing switch for one handed forward/reverse operation
- Side handle adjusts 360°
- Heavy duty rubber bumper in front
- Includes: Steel carrying case and grip assembly

Model No. TF646
Mfg. No. 6906
Price/Each \$

SPECIFICATIONS

Socket Size: 3/4"
Amperage: 9.0
Torque: 433 ft.-lbs.
No Load RPM: 1500
No Load IPM: 1600
Tool Weight: 11.0 lbs.



1/2" IMPACT WRENCHES

- Forward/Reverse rocking switch
- Soft grip handle
- Ball bearing construction for durability

Model No. TDX438
Mfg. No. DW293
Price/Each \$

SPECIFICATIONS

Socket Size: 1/2"
Amperage: 7.5
Torque: 345 ft.-lbs.
No Load RPM: 2100
No Load IPM: 2700
Tool Weight: 7.0 lbs.



1/2" IMPACT WRENCHES

- Heavy-duty aluminum gear housing
- Rubber inlay grip reduces vibration
- Rocker switch for forward and reverse
- Includes: Plastic carrying case

Model No. TDX437
Mfg. No. TW0350
Price/Each \$

SPECIFICATIONS

Socket Size: 1/2"
Amperage: 3.5
Torque: 258.2 ft.-lbs.
No Load RPM: 2000
No Load IPM: 2000
Tool Weight: 6.4 lbs.



3/4" IMPACT WRENCHES

- 3/4" detent pin anvil
- Forward/reverse rocking switch
- Soft grip handle
- Ball bearing construction

Model No. TDX439
Mfg. No. DW294
Price/Each \$

SPECIFICATIONS

Socket Size: 3/4"
Amperage: 7.5
Torque: 345 ft.-lbs.
No Load RPM: 2100
No Load IPM: 2700
Tool Weight: 7.0 lbs.



IMPACT WRENCH WITH ROCKER SWITCH

- Cord Type: 8' fixed
- Tool warranty: 5 years
- Includes: Tool only
- With friction ring socket retention
- Rocker switch enables quick selection of forward and reverse
- Friction ring socket retention system reduces downtime on applications involving frequent changing of accessories

Model No. TEA201
Mfg. No. 9071-20
Price/Each \$

SPECIFICATIONS

Socket Size: 1/2"
Amperage: 7.0
Torque: 300 ft.-lbs.
No Load RPM: 1800
No Load IPM: 2700
Tool Weight: 7.0 lbs.



CORDED DRILLS

1/4" MAGNUM® DRILLS

- All metal gear case and diaphragm
- Heavy-duty keyed chuck
- 360° locking side handle, 8' cord
- Includes: Side handle and chuck key holder

Model No. WJ092
Mfg. No. 0100-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/4"
Amperage: 7.0
No Load RPM: 0-2500
Chuck Type: Keyed
Tool Weight: 4.7 lbs.



3/8" MAGNUM® DRILLS

- All metal Grip-Lok™ 2-sleeve keyless chuck
- All metal gear case and diaphragm
- 360° locking side handle, 10' cord
- Includes: Side handle

Model No. WJ090
Mfg. No. 0201-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 7.0
No Load RPM: 0-2500
Chuck Type: Keyless
Tool Weight: 4.1 lbs.



3/8" VSR DRILLS

- Helical-cut steel, heat-treated gears for increased durability
- Single-sleeve keyless chuck with spindle lock
- Two-finger trigger

Model No. TD933
Mfg. No. DW222
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 6.7
No Load RPM: 0-1200
Chuck Type: Keyless
Tool Weight: 3.3 lbs.



3/8" VSR DRILLS

- Durable all ball-bearing construction
- Textured handle provides better gripping surface
- Glass-filled nylon housing is durable and impact resistant
- Includes: Kit bag

Model No. TLV567
Mfg. No. DWD110K
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 8.0
No Load RPM: 0-2500
Chuck Type: Keyless
Tool Weight: 4.1 lbs.



3/8" MAGNUM® DRILLS

- Heavy-duty industrial keyless chuck
- 8' 2-wire rubber cord
- Exclusive brush cartridge system changes brushes in less than one minute
- Includes: Side handle

Model No. TT997
Mfg. No. 0233-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 5.5
No Load RPM: 0-2800
Chuck Type: Keyless
Tool Weight: 4.0 lbs.



1/2" MAGNUM® DRILLS

- Powerful 8.0 Amp motor with variable speed control
- All metal gear case and diaphragm
- 8' 3-wire rubber cord and 360° locking side handle
- Includes: Side handle and chuck key with holder

Model No. TEA090
Mfg. No. 0299-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 8.0
No Load RPM: 0-850
Chuck Type: Keyed
Tool Weight: 5.4 lbs.



3/8" DRILLS W/CASE

- Low decibel rating (79dB) for quieter operation
- Variable speed
- Keyless chuck for fast and easy bit installation and removal
- Includes: Plastic case

Model No. TDU647
Mfg. No. 6408K
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 4.9
No Load RPM: 0-2500
Chuck Type: Keyless
Tool Weight: 3.1 lbs.



1/2" DRILLS

- Industrial aluminum gear housing for durability
- Large reversing switch and lock-on button
- Convenient belt clip
- Includes: Side handle and chuck key

Model No. TW242
Mfg. No. 6303H
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 6.5
No Load RPM: 0-850
Chuck Type: Keyed
Tool Weight: 4.8 lbs.



1/2" MAGNUM® DRILLS

- Trigger speed control with reversing
- Heavy-duty industrial chuck and 8' 3-wire cord
- Exclusive brush cartridge system changes brushes in less than one minute
- Includes: Side handle and chuck key with holder

Model No. TF016
Mfg. No. 0234-6
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 5.5
No Load RPM: 0-850
Chuck Type: Keyed
Tool Weight: 4.8 lbs.



Milwaukee

1/2" MAGNUM® DRILLS

- Powerful 8.0 Amp motor with variable speed control
- All metal ratcheting chuck with carbide jaws has the highest grip torque on bits
- Ergonomic tactile grip and two finger trigger
- Includes: Side handle

Model No. TEA092
Mfg. No. 0302-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 8.0
No Load RPM: 0-850
Chuck Type: Keyless
Tool Weight: 5.6 lbs.



Milwaukee

1/2" VSR DRILLS

- Single-sleeve keyless chuck with spindle lock
- Triple gear reduction provides increased torque
- Helical-cut steel, heat-treated gears for increased durability
- Includes: 360° locking side handle

Model No. TD936
Mfg. No. DW246
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.8
No Load RPM: 0-600
Chuck Type: Keyless
Tool Weight: 4.4 lbs.



DEWALT

1/2" SPADE HANDLE DRILLS

- Variable speed reversing switch avoids air bubbles when mixing mud and offers greater control
- 0-550 RPM provides increased torque for drilling and mud mixing
- Soft grip handle provides comfort and ergonomics
- Includes: 3-position side handle, chuck key with holder and 2-position rear spade handle

Model No. TKZ843
Mfg. No. DW130V
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 9.0
No Load RPM: 0-550
Chuck Type: Keyed
Tool Weight: 7.5 lbs.



DEWALT

1/2" COMPACT DRILLS

- Made for two handed operation
- Rear mounted assist spade handle
- Heat treated gears are helical-cut for quiet performance
- Includes: Pipe handle

Model No. TF092
Mfg. No. 1660-6
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.0
No Load RPM: 0-500
Chuck Type: Keyed
Tool Weight: 11.4 lbs.



Milwaukee

1/2" VSR DRILLS

- Triple gear reduction provides increased torque
- Metal gear housing for jobsite durability
- Helical-cut steel, heat-treated gears for increased durability
- Includes: 360° side handle and chuck key with holder

Model No. TD935
Mfg. No. DW245
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.8
No Load RPM: 0-600
Chuck Type: Keyed
Tool Weight: 4.4 lbs.



DEWALT

3/4" LARGE DRILLS

- Heavy duty aluminum alloy housing
- Powerful reversing motor
- Drive shafts run smoothly on pre-lubricated ball-bearings
- Includes: Pipe handle

Model No. TF103
Mfg. No. 1854-1
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/4"
Amperage: 10.0
No Load RPM: 0-350
Chuck Type: Keyed
Tool Weight: 19.0 lbs.



Milwaukee

1/2" CORDED DRILL

- Variable speed feature enables operator to adjust speed to suit various materials and applications
- Ideal for mixing thin-set mortar, drywall compound, masonry, paint and more!
- Increased continuous input rating, rated amperage and no load speed for added Improved motor cooling for added durability and operational efficiency
- Aluminum gear housing
- Conveniently located forward / reverse switch
- Lock-on button enables easy continuous operation
- Rear handle rotates 360° with 24 locking positions
- Removable side handle
- Lanyard loop provides secure attachment of safety / security lanyards
- Ergonomic soft rubber grip for vibration absorption and comfortable operation

Model No. TYL192
Mfg. No. DS4012
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 8.5
No Load RPM: 600
Chuck Type: Keyed
Tool Weight: 6.2 lbs.



Makita

CORDED DRILLS

1/2" D-HANDLE DRILLS

- Heat treated metal gears for quiet performance
- Trigger speed control: 0-500 RPM, reversing
- Can be used with our right angle drive attachment to increase versatility
- Includes: Side handle and chuck key with holder

Model No. TF058
Mfg. No. 1107-6
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.0
No Load RPM: 0-500
Chuck Type: Keyed
Tool Weight: 6.8 lbs.



1/2" D-HANDLE RIGHT ANGLE DRILLS

- Heat treated metal gears for quiet performance
- All ball and roller bearings
- Head and handle swivel 360°
- Includes: right angle adaptor assembly, side handle, 9/16" open end wrench, 3/16" socket wrench and carrying case

Model No. TF198
Mfg. No. 3102-6
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.0
No Load RPM: 335/500/750
Chuck Type: Keyed
Tool Weight: 10.3 lbs.



1/2" RIGHT ANGLE DRILLS

- Three speed ranges, 400/900 RPM for right angle drilling and 600 RPM for straight
- Die-cast metal gear housing for jobsite durability
- 5-position side handle
- Includes: Chuck key with holder, 5-position handle, Allen wrench and heavy-duty kit box

Model No. TW249
Mfg. No. DW120K
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.0
No Load RPM: 400/600/900
Chuck Type: Keyed
Tool Weight: 9.75 lbs.



3/8" ANGLE DRILLS

- Built-in LED job light and reduced head height (2 5/8")
- Compact (10 5/8" length) design for close quarters
- Paddle switch with speed limiting dial
- Includes: Grip and chuck key with holder

Model No. TF811
Mfg. No. DA3010F
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 4.0
No Load RPM: 0-2400
Chuck Type: Keyed
Tool Weight: 3.1 lbs.



1/2" SUPER HAWG™

- Two operating speeds of 1750 and 450 RPM with a clutch in the low gear range
- Grip Roto-Lok® handle features 3 positions with 90° left-right rotation
- Includes: Side handle

Model No. TEA124
Mfg. No. 1680-21
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 13.0
No Load RPM: 450/1750
Chuck Type: Keyed
Tool Weight: 14.7 lbs.



3/8" CLOSE QUARTER ANGLE DRILLS

- Angled chuck for reaching close quarters
- Large paddle trigger
- Angled cord exit and metal framed gear train
- Includes: Chuck key and holder

Model No. TLZ155
Mfg. No. 0370-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 3/8"
Amperage: 3.5
No Load RPM: 0-1300
Chuck Type: Keyed
Tool Weight: 3.9 lbs.



GET CLEAN

Industrial handsoap with scrubbing particles for stubborn grease and grime

TRY SOME TODAY!

Model JG223

See page 331

1/2" VSR DUAL RANGE HAMMER DRILLS

- High/low speed for high speed drilling or high torque applications
- 8.2 Amp motor provides high performance and overload protection
- 360° side handle with depth rod offers greater control
- Includes: 360° side handle, depth rod and chuck key with holder

Model No. TKZ841
Mfg. No. DW520K
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 10
No Load RPM: 0-1200/0-3500
No Load BPM: 0-56 000
Chuck Type: Keyed
Tool Weight: 6.0 lbs.



1/2" DUAL RANGE HAMMER DRILLS W/CARRYING CASE

- 1/2" capacity; 7.5 Amp motor
- Trigger-lock, trigger speed control in two ranges: 0-1350 RPM, 0-22 000 BPM; 0-2500 RPM, 0-40 000 BPM; reversing
- Hammer with rotation or rotation only
- Self-stop brush system
- Includes: Depth gauge, side handle, chuck key and case

Model No. TEA141
Mfg. No. 5378-21
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.5
No Load RPM: 0-1350/0-2500
No Load BPM: 0-20 000/0-40 000
Chuck Type: Keyed
Tool Weight: 6.0 lbs.



1/2" DUAL RANGE HAMMER DRILLS

- Trigger speed control in two ranges: 0-1350 RPM, 0-22 000 BPM, 0-2500 RPM, 0-40 000 BPM, reversing
- A removable side handle assists in setting the depth rod for pre-set hole drilling
- Hammer with rotation or rotation only
- Includes: Depth gauge, side handle and chuck key

Model No. TT928
Mfg. No. 5378-20
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.5
No Load RPM: 0-1350/0-2500
No Load BPM: 0-20 000/0-40 000
Chuck Type: Keyed
Tool Weight: 6.0 lbs.



1/2" HAMMER DRILLS WITH CARRYING CASE

- Anti-vibration system (AVS): Delivers maximum comfort by minimizing vibration
- 2-mode operation: Hammer drill/drill for maximum versatility in wood, metal, and concrete
- 2-speed gear box: Allows the user to select the correct drilling speed for the material and accessory
- 360° side handle with depth gauge
- Includes: Depth gauge, removable side handle and carrying case

Model No. TLZ439
Mfg. No. 5380-21
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 9.0
No Load RPM: 0-1500/0-3500
No Load BPM: 0-24 000/0-56 000
Chuck Type: Keyed
Tool Weight: 7.3 lbs.



1/2" VSR HAMMER DRILLS

- Lightweight design for less user fatigue
- Dual mode hammer drill/drill for wood, steel or masonry applications
- Variable speed allows for precise hole placement on work surface
- Includes: 360° side handle, depth rod and chuck key with holder

Model No. TSW576
Mfg. No. DW511
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 6.7
No Load RPM: 0-2700
No Load BPM: 0-46 000
Chuck Type: Keyed
Tool Weight: 4.3 lbs.



1/2" VSR DUAL RANGE HAMMER DRILLS

- High/low speed for high speed drilling or high torque applications
- Lightweight design for less user fatigue
- 360° side handle with depth rod offers greater control
- Includes: Side handle, chuck key and plastic carrying case

Model No. TD944
Mfg. No. DW505K
Price/Each \$

SPECIFICATIONS

Chuck Size: 1/2"
Amperage: 7.8
No Load RPM: 0-1100/0-2700
No Load BPM: 0-19 000/0-46 000
Chuck Type: Keyed
Tool Weight: 4.8 lbs.



1" D-HANDLE SDS ROTARY HAMMER

- SHOCKS - Active Vibration Control® reduces vibration felt by the user at the handles
- Variable speed trigger allows user to instantly control speed
- Mode selector allows for usage in rotary hammer, rotary only, and chiseling applications
- Reversing feature helps release tool from bind up situations, and assists with removal of fasteners
- 360 degree side handle adjusts easily for preference or use in tight spaces

Model No. TLV939
Mfg. No. D25263K
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 5/32" - 5/8"
Amperage: 8.0
No Load RPM: 0-1150
No Load BPM: 0-4300
Impact Energy: 2.1 ft.-lbs.
Tool Weight: 7.0 lbs.



DEWALT

CORDED DRILLS

5/8" SDS+ ROTARY HAMMERS

- Lightweight, 4.6 lbs, compact, 10 1/4" length: Allows for work in tight spaces
- Mechanical clutch: Protects tool when bit binds up
- AVS - Anti vibration system: Delivers maximum comfort by minimizing vibration
- 2-mode operation: Rotary hammer and rotation only for maximum versatility
- Includes: Side handle, depth rod and carrying case

Model No. TLV203
Mfg. No. 5263-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 5/8"
Amperage: 5.5
No Load RPM: 0-3700
No Load BPM: 0-4400
Impact Energy: 1.5 ft.-lbs.



SDS MAX ROTARY HAMMERS

- Thin wall core bit capacity: 4"
- Drilling mode: 2-mode: Rotary hammer and hammer only
- Heavy-duty 5.5 ft.-lbs. of impact energy for solid performance
- Constant Power Technology ensures consistent drilling power for the toughest applications
- A 12-position chipping adjustment lets you maintain the optimum hammer position while chipping in any orientation
- A mechanical clutch protects the motor when the bit binds
- Two-mode operation offers maximum versatility regardless of the application
- Tool comes with a side handle and carrying case

Model No. TMB675
Mfg. No. 5317-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 1 9/16"
Amperage: 10.5
No Load RPM: 0-450
No Load BPM: 0-3000
Impact Energy: 5.5 ft.-lbs.
Tool Weight: 15 lbs.



1" L-SHAPE SDS ROTARY HAMMER

- SHOCKS - Active Vibration Control® reduces vibration felt by the user at the handles.
- Variable speed trigger allows user to instantly control speed
- Mode selector allows for usage in rotary hammer, rotary only, and chiseling applications
- Reversing feature helps release tool from bind up situations, and assists with removal of fasteners
- 360 degree side handle adjusts easily for preference or use in tight spaces

Model No. TLV952
Mfg. No. D25323K
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 1"
Amperage: 8.0
No Load RPM: 0-1150
No Load BPM: 0-4300
Impact Energy: 2.1 ft.-lbs.
Tool Weight: 7.5 lbs.



7/8" SDS PLUS ROTARY HAMMER KIT

- Three modes of operation: Rotary hammer, hammer only and rotation only
- Mechanical clutch: Protects the motor when the bit binds
- Variable position chisel stop: Allows material to be adjusted, regardless of orientation
- Includes: (1) Carrying case, (1) depth rod, (1) side handle

Model No. TLV204
Mfg. No. 5262-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 7/8"
Amperage: 7.0
No Load RPM: 0-1500
No Load BPM: 0-5625
Impact Energy: 1.8 ft.-lbs.
Tool Weight: 5.8 lbs.



SDS PLUS ROTARY HAMMER KITS

- Thin Wall Core Bit Capacity: 3"
- Vibration: 10.6 m/s²
- Drilling mode: 3-mode: Rotary hammer, hammer only, rotation only
- Get up to 85% faster drilling and 85% harder hitting while reducing vibration
- Equipped with an all metal gear case and mechanical clutch to provide maximum durability
- Powerful and lightweight
- Kit includes a side handle, depth rod and carrying case

Model No. TYO341
Mfg. No. 5268-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 1 1/8"
Amperage: 8.0
No Load RPM: 0-1500
No Load BPM: 0-5500
Impact Energy: 3.6 ft.-lbs.
Tool Weight: 7.5 lbs.



1 9/16" SPLINE ROTARY HAMMERS

- Electronic Variable Speed allows the user to control the speed of drilling and chipping
- Spline tool holder is compatible with all spline drive bits
- Includes: 360° side handle, depth rod and heavy-duty kit box

Model No. TSW672
Mfg. No. D25553K
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 3/8" x 1 1/4"
Amperage: 12.0
No Load RPM: 490
No Load BPM: 3300
Impact Energy: 7.3 ft.-lbs.
Tool Weight: 14.0 lbs.



POWER SCRAPERS

- Quick change bit retainer for easy changes
- Motor has auto shut-off feature when brushes must be replaced
- Factory grease packed for approximately 200 hours of maintenance free operation
- Includes: 1 3/16" and 2" scaling chisels, bull point, dust cover and plastic carrying case

Model No. TF850
Mfg. No. HK1820
Price/Each \$

SPECIFICATIONS

Amperage: 5.0
No Load BPM: 0-3200
Impact Energy: 2.9 ft.-lbs.
Tool Weight: 7.5 lbs.



1 3/4" SDS-MAX ROTARY HAMMERS

- AVS: anti vibration system that actively reduces user vibration
- 2-speed impact mode: Low reduces speed (350 RPM) and beats per minute (2200 BPM) for light materials
- Constant power technology maintains drilling speed and power when the tool is under load mechanical clutch and protects the gears and provides added control
- Includes: Side handle, depth rod and carrying case

Model No. TLZ834
Mfg. No. 5426-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 1 3/4"
Amperage: 14.0
No Load RPM: 0-350
No Load BPM: 0-2200
Impact Energy: 8.8 ft.-lbs.



2" SDS MAX ROTARY HAMMERS

- Heavy-duty robust construction, digs and drills under the most demanding jobsite conditions
- Three handle positions offer greater user comfort
- System of vibration absorption/reduction reduces operator fatigue
- The side handle can be attached to the rear switch handle which minimizes bending over
- Includes: Side handle and carrying case

Model No. TFX202
Mfg. No. 5342-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 2"
Amperage: 15.0
No Load RPM: 125-250
No Load BPM: 975-1950
Impact Energy: 19.9 ft.-lbs.
Tool Weight: 27.75 lbs.



2" SPLINE DRIVE ROTARY HAMMERS

- Large electric hammer used for drilling large holes or breaking concrete and asphalt
- System of vibration absorption/reduction reduces operator fatigue
- The side handle can be attached to the rear switch handle which minimizes bending over
- Includes: Side handle and carrying case

Model No. TFX201
Mfg. No. 5340-21
Price/Each \$

SPECIFICATIONS

Solid Bit Capacity: 2"
Amperage: 15.0
No Load RPM: 125-250
No Load BPM: 975-1950
Impact Energy: 19.9 ft.-lbs.
Tool Weight: 26.2 lbs.



DRYWALL SCREW GUNS

- Variable speed control
- Ramp-off depth locator for easy depth adjustments
- Ergonomic tactile grip and two finger trigger for user comfort and balance
- Includes: Belt clip

Model No. WJ087
Mfg. No. 6742-20
Price/Each \$

SPECIFICATIONS

Amperage: 6.5
No Load RPM: 0-4000
Tool Weight: 3.5 lbs.



DEMOLITION HAMMERS W/ANTI-VIBRATION

- Anti-Vibration Technology enabled to reduce fatigue and injury due to exposure to vibration
- Extra long auto cut off carbon brushes provides reduced maintenance
- Electronic speed and variable control gives efficient hammering at the desired speed
- Includes: Side handle, bull point and carrying case

Model No. TLY750
Mfg. No. HM1214C
Price/Each \$

SPECIFICATIONS

Amperage: 14.0
BPM: 950-1900
Impact Energy: 18.95 ft.-lbs.
Tool Weight: 27.1 lbs.



HEAVY-DUTY DRYWALL SCREW GUNS

- Variable speed, reversible
- Externally adjustable 6 stage torque-sensitive clutch mechanism
- Adjustable depth sensitive control mechanism
- 5/16" magnetic nutsetter included

Model No. TDU641
Mfg. No. FS2701
Price/Each \$

SPECIFICATIONS

Amperage: 6.0
No Load RPM: 0-2500
Tool Weight: 3.5 lbs.



PAVEMENT BREAKERS

- Active Vibration Control reduces user fatigue and increases comfort and productivity
- Electronic soft start increases productivity by reducing bit walking
- Rubber coated handles provide greater comfort and control

Model No. TLY751
Mfg. No. D25980
Price/Each \$

SPECIFICATIONS

Amperage: 15.0
BPM: 900
Impact Energy: 61 ft.-lbs.
Tool Weight: 68.3 lbs.



HIGH SPEED VSR DRYWALL SCREW GUNS

- Depth-sensitive nosepiece for consistent fastener depth
- Two-finger trigger
- Helical-cut, heat-treated gears for durability

Model No. TSW573
Mfg. No. DW255
Price/Each \$

SPECIFICATIONS

Amperage: 6.0
No Load RPM: 0-5300
Tool Weight: 2.9 lbs.



PORTABLE DRILL PRESSES

1-5/8" ELECTROMAGNETIC DRILL KIT

- Optimized cutting & drilling speeds
- Magnetic deadlift (1") 1800 lbs. Auto-Stop function
- Carrying Handle
- Auto-stop lift-off detection
- Tool free feed-handle LED light
- Feed handle can be changed from the left or right side of the tool
- Includes: 1-5/8" Electromagnetic Drill, Lubrication Spray Bottle, 1/2" Chuck Adapter, Chuck Key, (2) 1" Retractable Pilot Pins, Safety Strap & Carrying Case

Model No. TYP028
Mfg. No. 4272-21
Price/Each \$

SPECIFICATIONS

Amperage: 13 A
Drill Capacity: 1-5/8"
No Load RPM: 475/730
Drill Point Pressure: 600 lbs.
Drill Travel: 5-3/4"
Tool Weight: 30.0 lbs.



1/2" ADJUSTABLE POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TF318
Mfg. No. 4204-1
Price/Each \$

SPECIFICATIONS

Amperage: 7.2
Drill Capacity: 1/2"
No Load RPM: 600
Drill Point Pressure: 1650 lbs.
Drill Travel: 9"
Tool Weight: 57.0 lbs.



3/4" FIXED POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TF322
Mfg. No. 4210-1
Price/Each \$

SPECIFICATIONS

Amperage: 12.5
Drill Capacity: 3/4"
No Load RPM: 350
Drill Point Pressure: 1670 lbs.
Drill Travel: 9"
Tool Weight: 62.0 lbs.



3/4" ADJUSTABLE POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TF319
Mfg. No. 4206-1
Price/Each \$

SPECIFICATIONS

Amperage: 12.5
Drill Capacity: 3/4"
No Load RPM: 350
Drill Point Pressure: 1670 lbs.
Drill Travel: 11"
Tool Weight: 70.0 lbs.



1 1/4" ADJUSTABLE POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TF320
Mfg. No. 4208-1
Price/Each \$

SPECIFICATIONS

Amperage: 12.5
Drill Capacity: 1 1/4"
No Load RPM: 500/250
Drill Point Pressure: 1600 lbs.
Drill Travel: 11"
Tool Weight: 72.0 lbs.



1 1/4" ADJUSTABLE POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TEA125
Mfg. No. 4209-1
Price/Each \$

SPECIFICATIONS

Amperage: 12.5
Drill Capacity: 1 1/4"
No Load RPM: 750/375
Drill Point Pressure: 1600 lbs.
Drill Travel: 11"
Tool Weight: 72.0 lbs.



3/4" MOTOR FOR ELECTROMAGNETIC DRILL PRESSES

- Dual mount gear case
- Reverse mount for tight quarter drilling
- Taps up to 1"-14 threaded hole
- Develops up to 1670 pounds of drill point pressure with a 1" steel plate

Model No. TF328
Mfg. No. 4262-1
Price/Each \$

SPECIFICATIONS

Amperage:	11.5
Drill Capacity:	3/4"
No Load RPM:	350
Drill Point Pressure:	1670 lbs.
Tool Weight:	21.0 lbs.



DIAMOND CORING MOTOR WITH CLUTCH

- Tool Warranty: 5 years
- Includes: (1) diamond coring motor 500/1000 RPM, 15 Amp with clutch, (1) built-in water swivel, (1) open end wrench, (1) water control valve, (1) water hose adapter
- Clutch protection protects gears and motor
- For diamond coring in reinforced concrete, tile, masonry or natural stone
- Built-in water swivel
- All ball and roller bearings
- Protects gears and motor against overload
- Set to specification at factory
- No adjustment necessary

Model No. VH883
Mfg. No. 4120
Price/Each \$

SPECIFICATIONS

Amperage:	15
Drill Capacity:	1-1/4'-7"
No Load RPM:	1000
Max. Horse Power:	2-1/2
Tool Weight:	26.0 lbs.



DIAMOND CORING LARGE BASE STANDS

- Cast aluminum base with four levelling screws for adjustment
- Durable precision-ground 2 1/2" steel column, 43 1/2" high
- Rear mounted rack and pinion feed
- Includes: Jackscrew for ceiling and back wall bracing

Model No. TEA017
Mfg. No. 4120
Price/Each \$

SPECIFICATIONS

Height:	43 1/2"
Wheels:	Yes
Vac Base:	Yes
Vac Pump:	No
Motor:	No
Meter Box:	No
Tool Weight:	67.0 lbs.



DIAMOND CORING RIGS W/ SMALL BASE, VAC-U-RIG® KIT, METER BOX & MOTOR

- Cast aluminum base with four levelling screws for adjustment
- Durable precision-ground 2 1/2" steel column, 43 1/2" high
- Rear mounted rack and pinion feed
- Includes: 4096 diamond coring motor

Model No. VH889
Mfg. No. 4120-22
Price/Each \$

SPECIFICATIONS

Height:	43 1/2"
Wheels:	Yes
Vac Base:	Yes
Vac Pump:	Yes
Motor:	Yes
Meter Box:	Yes
Tool Weight:	115.3 lbs.



DIAMOND CORING RIGS W/SMALL BASE, VAC-U-RIG® KIT, METER BOX & MOTOR

- Cast aluminum base with four levelling screws for adjustment
- Durable precision-ground 2 1/2" steel column, 43 1/2" high
- Rear mounted rack and pinion feed
- Includes: 4096 diamond coring motor

Model No. VH886
Mfg. No. 4115-22
Price/Each \$

SPECIFICATIONS

Height:	43 1/2"
Wheels:	Yes
Vac Base:	Yes
Vac Pump:	Yes
Motor:	Yes
Meter Box:	Yes
Tool Weight:	111.5 lbs.



DIAMOND CORING RIG, VAC-U-RIG® KIT & METER BOX

- Cast aluminum base with four levelling screws for fast accurate levelling adjustment
- Four speed wheel feed control
- Motor mount cradle, bubble level, jackscrew
- A great value when purchased together in this kit
- Tool Warranty: 5 years
- Includes: (1) Diamond coring rig with large base stand, Vac-U-Rig® kit and meter box, (1) meter box

Model No. TW092
Mfg. No. 4136
Price/Each \$

SPECIFICATIONS

Height:	47"
Wheels:	Yes
Vac Base:	Yes
Vac Pump:	Yes
Motor:	Yes
Meter Box:	Yes
Tool Weight:	106 lbs.



DREMEL TOOLS, HEAT GUNS & ACCESSORIES

INLINE HEAT GUN

- Ceramic heating element
- Continuously variable temperature range
- Features a fine dust filter, ergonomic soft grip handle, easily replaceable power cord, push-on nozzles
- Temperature: 120°F - 1100°F (50°C - 600°C)
- Temperature Setting: Variable
- Voltage: 120 V
- Amps: 12.5 A
- Airflow Rate: 4 - 7/6 - 12 cfm (+/- 0.5 cfm)
- Power Cord: Industrial grade rubber, 6' length
- Nozzle Diameter: 1.34" (34 mm)
- Wattage: 1500 W

Model No. TYY034

Mfg. No. HG2220E

Price/Each \$

STEINEL®
PROFESSIONAL



ACCESSORIES



WJ583



WJ584



WJ585



WJ586



WJ587



WJ588



WJ589



WJ591



WJ592



WJ593

Model No.	Mfg. No.	Description	Price /Each
WJ583	07081-1	Reduction Nozzle 20 mm	
WJ584	07071-2	Reduction Nozzle 14 mm	
WJ585	07061-3	Reduction Nozzle 9 mm	
WJ586	07461-1	Soldering Reflector Nozzle	
WJ587	07051-4	Reflector Nozzle	
WJ588	07031-6	Window Nozzle 50 mm	
WJ589	07011-8	Surface Nozzle 50 mm	
WJ591	07301-0	Large Reflector Nozzle	
WJ592	07041-5	Window Nozzle 75 mm	
WJ593	07021-7	Surface Nozzle 75 mm	

HB 1750 HEAT BLOWERS

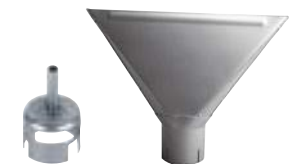
- Powerful turbine blower with air delivery rate up to 23 CFM
- Colour coded keys for the right temperature every time
- Maintenance free factory sealed motor
- Lightweight, well balanced design
- Soft grip handle with convenient slide switch
- Ultra quiet operation
- Plug-in heating element takes only seconds to change
- Quick-lock stand is fully adjustable and stores keys
- Applications: Packaging, paint drying, window tinting, stripping paint, cable assembly
- Includes: Quick lock stand, 5 temperature keys, large reflector, spare element, silver case

Model No TLV254

Mfg. No. 34759

Price/Each \$

STEINEL®
PROFESSIONAL



TLV255



TLV256



TLV257



TLV258

ACCESSORIES

Model No.	Mfg. No.	Description	Price/Each
TLV255	07695	7 mm Reducer Nozzle	
TLV256	07725	200 mm Spreader Nozzle	
TLV257	07705	50 mm Large Reflector Nozzle	
TLV258	07715	20 mm Small Reflector Nozzle	

HG 2320E DIGITALLY CONTROLLED PRECISION HEAT GUN

- Ceramic heating element
- Heats the flow of air across a continuously variable temperature range
- Higher durability (+20%), optimized weight balance, LCD-Display, 4 settings programmable, heat build-up warning, hanging ring, easily replaceable power cord, residual heat indicator, optional temperature scanner, and fine dust filter
- Temperature: 120°F - 1200°F (50°C - 650°C)
- Temperature Setting: Variable
- Voltage: 120 V
- Amps: 13.5 A
- Airflow Rate Stage 1: 4-7 (+/- 0.5 cfm)
- Airflow Rate Stage 2: 8-13 cfm (+/- 0.5 cfm)
- Motor Lifetime: 1000 h
- Nozzle Diameter: 1.34" (34 mm)
- Power Cord: Industrial grade rubber, 6'
- Wattage: 1600 W

Model No. TYY041

Mfg. No. HG2320E

Price/Each \$



ACCESSORIES

Model No.	Mfg. No.	Description	Price /Each
WJ583	07081-1	Reduction Nozzle 20 mm	
WJ584	07071-2	Reduction Nozzle 14 mm	
WJ585	07061-3	Reduction Nozzle 9 mm	
WJ586	07461-1	Soldering Reflector Nozzle	
WJ587	07051-4	Reflector Nozzle	
WJ588	07031-6	Window Nozzle 50 mm	
WJ589	07011-8	Surface Nozzle 50 mm	
WJ591	07301-0	Large Reflector Nozzle	
WJ592	07041-5	Window Nozzle 75 mm	
WJ593	07021-7	Surface Nozzle 75 mm	

STEINEL®
PROFESSIONAL

DREMEL TOOLS, HEAT GUNS & ACCESSORIES

HEAVY-DUTY VARIABLE TEMPERATURE HEAT GUNS

- LCD digital readout display
- Removable air filter
- Ceramic encapsulated heating element
- Thermo protection prevents tool from overheating

Model No. TEA200
Mfg. No. 8988-20
Air volume: Cool air only: 7.06 cu.ft./min.
Low air with heat: 8.83 cu.ft./min.
High air with heat: 15.89 cu.ft./min.
Air temperatures: 90°F-1050°F
Motor: 120 V AC, 12.5 A
Weight: 2.0 lbs.
Price/Each \$



HEAVY-DUTY DUAL TEMPERATURE HEAT GUNS

- Increases surface temperature to required working temperature faster than conventional hot air heat guns
- 3-position rocker switch: off, high and low
- Impact resistant heating element
- Support stand enables gun to be stationary for workbench or assembly work

Model No. TF714
Mfg. No. 8975-6
Air volume: 14.8 cu.ft./min.
Air temperatures: 570° F/1000°F
Motor: 120 V AC, 11.6 A
Weight: 1.6 lbs.
Price/Each \$



ACCESSORIES

AIR REDUCTION NOZZLE

- Intensified heat in a specific area – soldering

Model No. TF373 Mfg. No. 49-80-0297
Price/Each \$

HOOKE NOZZLE

- For surround-bending, soldering pipe or shrinking tubing

Model No. TF370 Mfg. No. 49-80-0292
Price/Each \$

DEFLECTOR

- Deflects air away from glass when stripping paint or softening putty

Model No. TF371 Mfg. No. 49-80-0293
Price/Each \$

AIR SPREADER

- Intensified heat for removing floor coverings, paint burning and vinyl top removal

Model No. TF372 Mfg. No. 49-80-0294
Price/Each \$

ACCESSORY ASSORTMENT

- Includes TF373, TF370, TF371 and TF372

Model No. TF374 Mfg. No. 49-80-0300
Price/Each \$



HEAT GUNS

- Length: 10 1/2"
- Ergonomic style and powerful heating elements
- The variable temperature adjustment allows you to dial in the proper temperature for your job
- Handle Type: Pistol Grip

Model No. TF715
Mfg. No. 8977-20
Air volume: 20 cu.ft./min.
Air temperatures: 100°F - 1040°F (37°C - 560°C)
Motor: 120 V, 11.6 A
Weight: 1.8 lbs.
Price/Each \$



THERMOCOUPLE HEAT GUNS

- Precise temperature maintained by thermocouple control
- Variable temp. control 250°F - 1100°F
- 2-speed blower setting for 8.8 CFM or 16 CFM
- 12 A
- 10" overall length
- Weight: 1.39 lbs.
- Heating element protected by ceramic core for longer tool life

Model No. TF849
Mfg. No. HG551V
Price/Each \$



ACCESSORIES

Model No.	Description	Price/Each
TD196	Wide-angle slit nozzle	
TD198	Reflector nozzle	
TD199	PVC plastic welding rods 16/pkg	
TD200	ABS plastic welding rods 16/pkg	
TD201	Plastic welding nozzle (attaches to D)	
TD206	3/8" reflector nozzle	

VARIABLE TEMPERATURE HEAT GUNS

- Electronic control for progressive temperature variation
- 3-speed settings
- 13 A, 1400 W
- Air temperatures: 50/350/550°C
- 3 CFM settings: 8.8, 12.4, 17.7

Model No. TKZ033
Mfg. No. HT16-500
Price/Each \$



Maintain the ideal temperature in your workplace.

DREMEL TOOLS, HEAT GUNS & ACCESSORIES

ENGRAVERS

The model **TF191** engraver is the perfect tool for personalizing and protecting your valuables.

- Includes: Engraver Tool, Letter/Number Template & 1 Carbide Point

DREMEL®

Model No.	Mfg. No.	Description	Price/Each
TF191	290-01	Engraver	
TF794	9924	Carbide replacement point	
TF796	9929	Diamond engraving point	



DREMEL® TWO-SPEED ROTARY TOOL KITS

- Ideal for multiple applications on a variety of materials
- Two-speed control allows you to set your speed at 15 000 or 35 000 RPM
- Includes: 1 attachment and 15 accessories

Model No. WJ132
Mfg. No. 200-1/15
Price/Each \$



DREMEL®

DREMEL® VARIABLE SPEED ROTARY TOOL KITS

- 3000 Series variable speed rotary tool
- The attachments included are: a sanding/grinding guide and a multipurpose cutting guide
- Includes storage case and 28 genuine Dremel® accessories

Model No. TLV170
Mfg. No. 3000-2/28
Price/Each \$



DREMEL® MULTI-MAX OSCILLATING TOOLS

- Multi-tasking tool with fast side-to-side motion
- Optimal control, safe operation, high precision, minimal dust
- For cutting, grinding, sanding, scraping and grout removal

Model No. TLV494
Mfg. No. MM30-03
Price/Each \$



DREMEL®

DREMEL®

DREMEL® MINIMITE CORDLESS ROTARY TOOLS

- Features two speeds and can be used with any Dremel® accessory bit with up to a 1/8" shank
- Ideal performance for small craft projects
- Lightweight and compact for precision and control
- 4.8 V battery and charger

Model No. TLV261
Mfg. No. 7300-N/8
Price/Each \$



DREMEL® CORDLESS 12 V LITHIUM-ION ROTARY TOOLS

- Fastest, strongest performing cordless rotary tool available
- Can be used with all Dremel® accessories and attachments
- Lithium-ion battery maintains charge up to two years while in storage

Model No. TLY791
Mfg. No. 8220-2/28
Price/Each \$



DREMEL®

DREMEL® ATTACHMENTS

(ALL ROTARY TOOLS & BITS ARE SOLD SEPARATELY)

FLEX-SHAFT ATTACHMENTS

Flexible 36" shaft allows fingertip control for polishing, carving, sanding, engraving and more.

Model No. TW002
Mfg. No. 225-01
Price/Each \$



WORK STATIONS

Functions as an articulating drill press that rotates 90°, rotary tool holder, and flex-shaft tool stand

- Detents click the tool in place in 15° increments from vertical to horizontal
- "Crow's Nest" provides on-board storage for Dremel® accessories
- Durable, die-cast aluminum base

Model No. TGZ380
Mfg. No. 220-01
Price/Each \$



RIGHT-ANGLE ATTACHMENTS

Allows to get to hard-to-reach areas.

Model No. WJ125
Mfg. No. 575
Price/Each \$



DREMEL®

DREMEL® 160 PIECE ACCESSORY SETS

- Comes with re-useable storage case and 160 accessories
- Can stand upright or hang on a wall by hook
- Ideal for cutting, sanding, polishing, grinding, and carving
- A complete start-up kit offering the breadth of accessories helpful for wide assortment of tasks
- Clear lid and eight storage bins make accessories easy to locate

Model No. TYK594
Mfg. No. 710-08
Price/Each \$

DREMEL®



THREAD STEEL HAWG CARBIDE TIPPED CUTTERS

2" CUTTING DEPTH

- Carbide-tipped multiple alternating inside and outside cutting edges
- For steel, cast iron or aluminum
- 3 times faster than twist drills in steel, stainless or non-ferrous metals



VH110



Dia."	Model No.	Price /Each	Dia."	Model No.	Price /Each	Dia."	Model No.	Price /Each
3/4	VH101		1 3/16	VH180		3 3/8	VH241	
13/16	VH106		1 7/8	VH185		3 1/2	VH242	
7/8	VH110		1 15/16	VH190		3 5/8	VH244	
15/16	VH115		2	VH194		3 3/4	VH245	
1	VH119		2 1/16	VH198		3 7/8	VH247	
1 1/16	VH124		2 1/8	VH201		4	VH249	
1 1/8	VH129		2 1/4	VH205		4 1/8	VH250	
1 3/16	VH133		2 5/16	VH208		4 1/4	VH251	
1 1/4	VH139		2 3/8	VH210		4 3/8	VH252	
1 5/16	VH143		2 1/2	VH215		4 1/2	VH253	
1 3/8	VH148		2 9/16	VH217		4 5/8	VH254	
1 7/16	VH153		2 5/8	VH220		4 3/4	VH255	
1 1/2	VH157		2 3/4	VH224		5	VH256	
1 9/16	VH162		2 7/8	VH228		5 1/2	VH257	
1 5/8	VH166		3	VH232		6	VH258	
1 11/16	VH171		3 1/8	VH236				
1 3/4	VH175		3 1/4	VH239				

ARBOR ASSEMBLIES FOR THREADED SHANK STEEL HAWG CUTTERS

3/4" SHANK ARBOR ASSEMBLY

For use on motors **TF328**. Oil hose and hand pump not included.

Model No. VH080 Price/Each \$

NO. 3 MORSE TAPER ASSEMBLY

For use on motors **TF328**. No. 3 Morse taper assembly will allow 3/4" Weldon® style shank cutters to be used with Milwaukee's large magnetic drill stands.

Model No. VH074 Price/Each \$



VH080

NO. 3 MORSE TAPER QUICK ARBOR ASSEMBLY

For use on motors **TF334** and **TF335**. Oil hose and hand pump not included.

Model No. TEA295 Price/Each \$



TEA295

ANNULAR CUTTERS

- M2 quality high speed steel
- Right-hand cutting direction
- 3/4" Weldon shank

Applications:

- For general purpose cutting of steel plate, structural steel, steel pipe, etc
- 3 to 5x faster cutting than conventional drills
- Produces quality burr-free hole in a single pass
- Ideal for magnetic base drill, drill presses and milling machines



CLARKSON  OSBORN

1" DEPTH OF CUT

2" DEPTH OF CUT

3" DEPTH OF CUT

Fractional Size"	Model No.	Price /Each	Fractional Size"	Model No.	Price /Each	Fractional Size"	Model No.	Price /Each
1/2	TFX101		1/2	TFX129		3/4	TFX156	
9/16	TFX102		9/16	TFX130		13/16	TFX157	
5/8	TFX103		5/8	TFX131		7/8	TFX158	
11/16	TFX104		11/16	TFX132		15/16	TFX159	
3/4	TFX105		3/4	TFX133		1	TFX160	
13/16	TFX106		13/16	TFX134		1 1/16	TFX161	
7/8	TFX107		7/8	TFX135		1 1/8	TFX162	
15/16	TFX108		15/16	TFX136		1 3/16	TFX163	
1	TFX109		1	TFX137		1 1/4	TFX164	
1 1/16	TFX110		1 1/16	TFX138		1 5/16	TFX165	
1 1/8	TFX111		1 1/8	TFX139		1 3/8	TFX166	
1 3/16	TFX112		1 3/16	TFX140		1 7/16	TFX167	
1 1/4	TFX113		1 1/4	TFX141		1 1/2	TFX168	
1 5/16	TFX114		1 5/16	TFX142		1 9/16	TFX169	
1 3/8	TFX115		1 3/8	TFX143		1 5/8	TFX170	
1 7/16	TFX116		1 7/16	TFX144		1 11/16	TFX171	
1 1/2	TFX117		1 1/2	TFX145		1 3/4	TFX172	
1 9/16	TFX118		1 9/16	TFX146		1 13/16	TFX173	
1 5/8	TFX119		1 5/8	TFX147		1 7/8	TFX174	
1 11/16	TFX120		1 11/16	TFX148		1 15/16	TFX175	
1 3/4	TFX121		1 3/4	TFX149		2	TFX176	
1 13/16	TFX122		1 13/16	TFX150		2 1/16	TFX177	
1 7/8	TFX123		1 7/8	TFX151		-	-	-
1 15/16	TFX124		1 15/16	TFX152		-	-	-
2	TFX125		2	TFX153		-	-	-
2 1/16	TFX126		2 1/16	TFX154		-	-	-
2 1/4	TFX127		2 1/4	TFX155		-	-	-

Cut pin required **TFX178**
Price/Each \$

Cut pin required **TFX179**
Price/Each \$

Cut pin required **TFX180**
Price/Each \$

OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT &
SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1199

CUTTER, CORE & DRILL BITS

THIN WALL CORE BITS

CUP, CENTRE PIN & GUIDE PLATE ONLY

Bit Size"	Model No.	Price /Each
1 1/2	TE977	
1 3/4	TE978	
2	TE979	
2 1/2	TE980	
3	TE981	
3 1/2	TE982	
4	TE983	
5	TE984	
6	TE985	



Usable cut depth of 3".

THICK WALL CORE BITS

CUP, CENTRE PIN & GUIDE PLATE ONLY

Bit Size"	Model No.	Price /Each
1 1/2	TJ012	
1 3/4	TJ013	
2	TJ014	
2 1/2	TJ015	
3	TJ016	
3 1/2	TJ017	
4	TJ018	
5	TJ019	
6	TJ020	



Usable cut depth of 4 3/8"

SDS+ THIN WALL CORE BIT ADAPTERS

(Not included with core bit)

Model No.	Mfg. No.	Length"	Price /Each
FOR USE WITH 1" TO 1 1/2" CORE BITS			
TE997	48-03-3545	8	
TE998	48-03-3551	12	
FOR USE WITH 1 3/4" TO 3 1/2" CORE BITS			
TE999	48-03-3555	8	
TJ001	48-03-3561	12	



SPLINE THIN WALL CORE BIT ADAPTERS

(Not included with core bit)

Model No.	Mfg. No.	Length"	Price /Each
FOR USE WITH 1 3/4" TO 6" CORE BITS			
TJ004	48-03-3540	12	



REPLACEMENT GUIDE PLATES

Bit Size"	Model No.	Price /Each
1 1/2	TE988	
1 3/4	TE989	
2	TE990	
2 1/2	TE991	
3	TE992	
3 1/2	TE993	
4	TE994	
5	TE995	
6	TE996	



REPLACEMENT GUIDE PLATES

Bit Size"	Model No.	Price /Each
1 1/2	TJ023	
1 3/4	TJ024	
2	TJ025	
2 1/2	TJ026	
3	TJ027	
3 1/2	TJ028	
4	TJ029	
5	TJ030	
6	TJ031	



SPLINE THICK WALL CORE BIT ADAPTERS

(Not included with core bit)

Model No.	Mfg. No.	Length"	Price /Each
FOR USE WITH 1 1/2" TO 6" CORE BIT			
TJ034	48-03-3564	12	
TJ035	48-03-3565	18	



REPLACEMENT CENTRE PINS

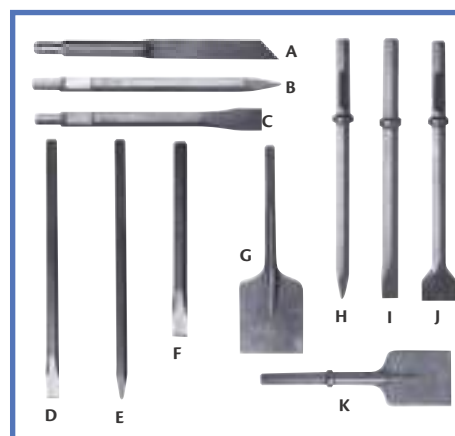
For 1 1/4" to 1 1/2" core bit

Model No. TJ006
Mfg. No. 48-20-6150
Price/Each \$

For 1 3/4" to 6" core bit

Model No. TJ007
Mfg. No. 48-20-6155
Price/Each \$

1" and 1/8" core bits do not require centre pins



POINTS & CHISELS

Model No.	Mfg. No.	Description	Code	Shank Type	Price /Each
TJ154	48-62-2080	Mortar cutting chisel 12"	A	For spline drive hammers	
TJ156	48-62-2000	Bull point 12"	B	For spline drive hammers	
TJ157	48-62-2010	Bull point 18"	B	For spline drive hammers	
TJ158	48-62-2040	Scaling chisel 1 1/4" W x 12" L	C	For spline drive hammers	
TJ159	48-62-2050	Scaling chisel 2" W x 12" L	C	For spline drive hammers	
TJ160	48-62-3000	Bull point 12"	D	3/4" hex	
TJ161	48-62-3005	Bull point 18"	E	3/4" hex	
TJ162	48-62-3010	Flat chisel 12"	F	3/4" hex	
TJ164	48-62-3090	Asphalt cutter 16 1/2"	G	3/4" hex	
TJ165	48-62-4000	Moil point 20"	H	Ringed 1 1/8" hex	
TJ166	48-62-4005	Narrow chisel 20 1/2"	I	Ringed 1 1/8" hex	
TJ167	48-62-4010	Chisel 3" - 20 1/2"	J	Ringed 1 1/8" hex	
TJ168	48-62-4020	Asphalt cutter 5" W x 17 1/2" L	K	Ringed 1 1/8" hex	

CUTTER, CORE & DRILL BITS

DIAMOND CORE BITS

PREMIUM SERIES CORE BITS

- Designed to offer exceptional drilling life and speed in cured concrete with hard aggregate and medium steel reinforcement



CONTRACTOR SERIES

- Optimized to provide value for coring fewer holes in cured concrete with no reinforcement or with small diameter steel mesh and rebar



PRE-STRESSED SERIES

- Designed specifically for the extra demands of drilling pre-stressed concrete

Diameter"	Thread	Premium Model No.	Price /Each	Contractor Model No.	Price /Each	Pre-Stressed Model No.	Price /Each
3/4	5/8"-11*	VF293	-	-	-	-	-
7/8	5/8"-11*	VF294	-	-	-	-	-
1	5/8"-11*	VF295	-	-	-	VF296	-
1 1/4	5/8"-11*	VF297	-	-	-	-	-
1 1/2	5/8"-11*	VF298	-	-	-	VF299	-
2	1 1/4"-7	VF301	-	VF300	-	VF302	-
2 1/2	1 1/4"-7	VF304	-	VF303	-	VF305	-
2 3/4	1 1/4"-7	VF306	-	-	-	-	-
3	1 1/4"-7	VF308	-	VF307	-	VF309	-
3 1/2	1 1/4"-7	VF311	-	VF310	-	VF312	-
4	1 1/4"-7	VF314	-	VF313	-	VF315	-
4 1/4	1 1/4"-7	-	-	VF316	-	-	-
4 1/2	1 1/4"-7	VF317	-	-	-	VF318	-
5	1 1/4"-7	VF320	-	VF319	-	VF321	-
6	1 1/4"-7	VF323	-	VF322	-	VF324	-
7	1 1/4"-7	VF325	-	-	-	-	-
8	1 1/4"-7	VF326	-	-	-	-	-
9	1 1/4"-7	VF327	-	-	-	-	-
10	1 1/4"-7	VF328	-	-	-	-	-
12	1 1/4"-7	VF329	-	-	-	-	-
14	1 1/4"-7	VF330	-	-	-	-	-

*Check core bit thread size against the motor spindle thread size. Use thread adapter 48-04-0160 if necessary

DIAMOND CORE BIT ACCESSORIES

THREADED ADAPTORS

- Reduces thread size of 1 1/4"-7 to 5/8"-11 for diamond core bits and extensions

Model No. VF172
Price/Each \$



9" BIT EXTENSIONS



- Extension threaded on both ends with 1 1/4"-7 thread, for use with Diamond core bits over 2" diameter with 1 1/4"-7 thread
- Extension mounts directly to DYMODRILL, up to two can be coupled together for extended coring

Model No. VG692
Price/Each \$

SPACER ASSEMBLIES

- Mounts between cradle and DYMODRILL motor to increase DYMO-RIG bit capacity from 10" to 14"

Model No. VH433

For use with models TF308, TF309 and TW092
Price/Each \$



10 1/2" BIT EXTENSIONS



- Extension threaded on both ends with 5/8"-11 thread, for use with 1 1/4" and 1 1/2" diameter diamond core bits with 5/8"-11 thread
- Extension requires VF172 threaded adaptor for mounting to DYMODRILLS, up to two can be coupled together for extended coring

Model No. VG693
Price/Each \$



Safety Products for Industry



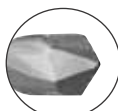
CUTTER, CORE & DRILL BITS

GROO-V TIP MULTI-PURPOSE SPECIALTY CARBIDE TIPPED DRILL BITS

- Specialized Ram Tip® bits w/serrated carbide tip, allows drilling up to 50% faster than standard masonry bits

Application: Percussion or rotary, hard metals, plastic, masonry, tile, wood, marble, granite

RELTON



Size"	Shank"	Overall Length"	Drill Depth"	Model No.	Price /Each
3/16	3/16	3	1 7/8	TGX973	
3/16	3/16	4	2 3/8	TGX974	
1/4	1/4	4	2 1/4	TGX976	
1/4	1/4	6	3 3/4	TGX977	
5/16	1/4	6	4	TGX980	
3/8	3/8	6	4	TGX982	
1/2	3/8	6	4	TGX984	
5/8	1/2	6	4	TGX968	
3/4	1/2	6	4	TGX970	
1	1/2	6	4	TGX972	

5-PC. GROO-V TIP SETS

- Includes: 3/16", 1/4", 5/16", 3/8", 1/2"

Model No. TGX986

Price/Each \$



RELTON

5-PC. SDS+ DRILL SETS

- Includes: 3/16" x 6", 1/4" x 6", 5/16" x 6", 3/8" x 6", 1/2" x 6"

Model No. THZ772

Price/Each \$

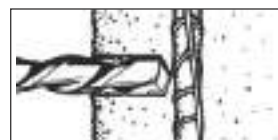


RELTON

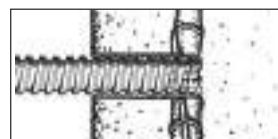
CARBIDE TIPPED ROTARY REBAR CUTTERS

- No need to relocate the hole to avoid the rebar
- Teeth can be sharpened or replaced as necessary
- Shank has three flats to eliminate slippage in 3-jaw chuck
- Design to drill dry, no water or coolant required
- Carbide teeth design for rotary use only
- To be used with rotary function only, percussion will break the carbide teeth
- Available in 1/2" straight shank or SDS shank

RELTON



1. Stop hammer bit when rebar is encountered



2. Using same size rebar cutter as masonry bit, rotary only through rebar



3. Return to hammer drilling to desired depth



Non-removable

Removable

SDS+ SHANKS

RELTON



Size"	Overall Length"	Drill Depth"	Model No.	Price /Each
5/32	6	4	TGX766	
5/32	8	6	TGX770	
3/16	4	2	TGX778	
3/16	6	4	TGX779	
3/16	8	6	TGX780	
3/16	10	8	TGX776	
3/16	14	12	TGX777	
7/32	6	4	TGX775	
7/32	10	8	TGX773	
7/32	16	14	TGX774	
1/4	4	2	TGX785	
1/4	6	4	TGX786	
1/4	8	6	TGX787	
1/4	10	8	TGX782	
1/4	14	12	TGX783	
1/4	20	18	TGX784	
9/32	8	6	TGX781	
5/16	6	4	TGX790	
5/16	10	8	TGX788	
5/16	14	12	TGX789	
3/8	6	4	TGX795	
3/8	10	8	TGX791	
3/8	14	12	TGX792	
3/8	18	16	TGX793	
3/8	25	22	TGX794	
7/16	6	4	TGX797	
7/16	12	10	TGX796	
1/2	6	4	TGX802	
1/2	10	8	TGX798	
1/2	14	12	TGX799	
1/2	18	16	TGX800	
1/2	25	22	TGX801	
9/16	6	4	TGX806	
9/16	12	10	TGX803	
9/16	18	16	TGX804	

Size"	Style	Overall Length"	Model No.	Price /Each
STRAIGHT SHANK				
3/8	Non-Removable	8	TGY282	
1/2	Non-Removable	12	TGY283	
1/2	Non-Removable	18	TGY284	
9/16	Non-Removable	12	TGY285	
5/8	Non-Removable	12	TGY257	
5/8	Non-Removable	18	TGY258	
11/16	Non-Removable	12	TGY259	
3/4	Non-Removable	12	TGY260	
3/4	Non-Removable	18	TGY262	
3/4	Non-Removable	24	TGY261	
13/16	Non-Removable	12	TGY263	
7/8	Removable	12	TGY264	
1	Removable	12	TGY266	
1 1/8	Removable	12	TGY268	
1 1/4	Removable	12	TGY270	
1 3/8	Removable	12	TGY272	
1 1/2	Removable	12	TGY274	
1 3/4	Removable	12	TGY276	
2	Removable	12	TGY278	
2 1/2	Removable	12	TGY280	
SDS+ SHANK				
3/8	Non-Removable	8	TB0279	
1/2	Non-Removable	12	TB0280	
1/2	Non-Removable	18	TB0281	
9/16	Non-Removable	12	TB0282	
5/8	Non-Removable	12	TB0283	
5/8	Non-Removable	18	TB0284	
11/16	Non-Removable	12	TB0285	
3/4	Non-Removable	12	TB0286	
3/4	Non-Removable	18	TB0287	
3/4	Non-Removable	24	TB0288	
13/16	Non-Removable	12	TB0289	
7/8	Removable	12	TB0290	
1	Removable	12	TB0291	
1 1/8	Removable	12	TB0292	
1 1/4	Removable	12	TB0293	
1 3/8	Removable	12	TB0294	
1 1/2	Removable	12	TB0295	
2	Removable	12	TB0297	
2 1/2	Removable	12	TB0298	

CUTTER, CORE & DRILL BITS

SPLINE SHANKS

RELTON



Size"	Overall Length"	Drill Depth"	Model No.	Price /Each
3/8	10	4	TGX736	
3/8	14	8	TGX737	
3/8	18	12	TGX738	
7/16	14	8	TGX739	
1/2	14	8	TGX740	
1/2	18	12	TGX741	
1/2	22	16	TGX742	
1/2	28	22	TGX743	
9/16	14	8	TGX745	
9/16	18	12	TGX746	
9/16	22	16	TGX747	
9/16	28	22	TGX748	
5/8	14	8	TGX696	
5/8	18	12	TGX697	
5/8	22	16	TGX698	
3/4	14	8	TGX703	
3/4	18	12	TGX704	
3/4	22	16	TGX705	
7/8	14	8	TGX712	
7/8	18	12	TGX713	
7/8	22	16	TGX714	
1	14	8	TGX717	
1	18	12	TGX718	
1	22	16	TGX719	
1 1/8	14	8	TGX722	
1 1/8	22	16	TGX723	
1 1/4	14	8	TGX726	
1 1/4	22	16	TGX727	
1 3/8	22	16	TGX730	
1 1/2	14	8	TGX732	
1 1/2	22	16	TGX733	

Additional sizes available

SDS-MAX

RELTON



Size"	Overall Length"	Drill Depth"	Model No.	Price /Each
3/8	10	4	TGY166	
3/8	14	8	TGY167	
3/8	18	12	TGY168	
7/16	14	8	TGY169	
1/2	14	8	TGY170	
1/2	18	12	TGY171	
1/2	22	16	TGY172	
1/2	28	22	TGY173	
9/16	14	8	TGY175	
9/16	18	12	TGY176	
9/16	22	16	TGY177	
9/16	28	22	TGY178	
5/8	14	8	TGY126	
5/8	18	12	TGY127	
5/8	22	16	TGY128	
3/4	14	8	TGY133	
3/4	18	12	TGY134	
3/4	22	16	TGY135	
7/8	14	8	TGY142	
7/8	18	12	TGY143	
7/8	22	16	TGY144	
1	14	8	TGY147	
1	18	12	TGY148	
1	22	16	TGY149	
1 1/8	14	8	TGY152	
1 1/8	22	16	TGY153	
1 1/4	14	8	TGY156	
1 1/4	22	16	TGY157	
1 3/8	22	16	TGY160	
1 1/2	14	8	TGY162	
1 1/2	22	16	TGY163	

Additional sizes available

SPLINE SHANKS PYRAMID POINT



RELTON

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY184	5/8	14	8	
TGY185	5/8	18	12	
TGY186	5/8	22	16	
TGY187	5/8	42	36	
TGY188	3/4	14	8	
TGY189	3/4	18	12	
TGY190	3/4	22	16	
TGY191	3/4	42	36	
TGY192	7/8	14	8	

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY193	7/8	18	12	
TGY194	7/8	22	16	
TGY195	7/8	42	36	
TGY196	1	14	8	
TGY197	1	18	12	
TGY198	1	22	16	
TGY199	1	42	36	
TGY200	1 1/8	14	8	
TGY201	1 1/8	22	16	

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY202	1 1/8	42	36	
TGY203	1 1/4	14	8	
TGY204	1 1/4	22	16	
TGY205	1 1/4	42	36	
TGY206	1 3/8	22	16	
TGY207	1 3/8	42	36	
TGY208	1 1/2	14	8	
TGY209	1 1/2	22	16	
TGY210	1 1/2	42	36	

SDS-MAX PYRAMID POINT



RELTON

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY220	5/8	14	8	
TGY221	5/8	18	12	
TGY222	5/8	22	16	
TGY223	5/8	42	36	
TGY224	3/4	14	8	
TGY225	3/4	18	12	
TGY226	3/4	22	16	
TGY227	3/4	42	36	
TGY228	7/8	14	8	

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY229	7/8	18	12	
TGY230	7/8	22	16	
TGY231	7/8	42	36	
TGY232	1	14	8	
TGY233	1	18	12	
TGY234	1	22	16	
TGY235	1	42	36	
TGY236	1 1/8	14	8	
TGY237	1 1/8	22	16	

Model No.	Size"	OAL"	Drill Depth"	Price /Each
TGY238	1 1/8	42	36	
TGY239	1 1/4	14	8	
TGY240	1 1/4	22	16	
TGY241	1 1/4	42	36	
TGY242	1 3/8	22	16	
TGY243	1 3/8	42	36	
TGY244	1 1/2	14	8	
TGY245	1 1/2	22	16	
TGY246	1 1/2	42	36	

STRAIGHT SHANKS



RELTON

Size"	Shank"	Overall Length"	Drill Depth"	Model No.	Price /Each
1/8	1/8	3	1 3/4	TGY342	
3/16	3/16	4	2 1/2	TGY343	
1/4	1/4	4	2 1/2	TGY345	
1/4	1/4	6	4	TGY346	
1/4	1/4	12	10	TGY344	
5/16	1/4	4	2 1/2	TGY348	
5/16	1/4	6	4	TGY349	
5/16	1/4	12	10	TGY347	
3/8*	1/4	4	2 1/2	TGY351	
3/8*	1/4	6	4	TGY352	
3/8*	3/8	12	10	TGY350	
7/16*	1/4	6	2 1/2	TGY353	
7/16*	1/4	6	4	TGY354	
1/2*	1/4	4	2 1/2	TGY356	

Size"	Shank"	Overall Length"	Drill Depth"	Model No.	Price /Each
1/2*	1/4	6	4	TGY358	
1/2*	3/8	6	4	TGY357	
1/2*	3/8	12	10	TGY355	
9/16*	3/8	6	4	TGY359	
5/8*	1/2	6	4	TGY334	
5/8*	1/2	12	10	TGY333	
11/16*	1/2	6	4	TGY335	
3/4*	1/2	6	4	TGY337	
3/4*	1/2	12	10	TGY336	
7/8*	1/2	6	4	TGY339	
7/8*	1/2	12	10	TGY338	
1*	1/2	6	4	TGY341	
1*	1/2	12	10	TGY340	

*Three flats on shank to eliminate slippage

OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT
& SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1203

CUTTER, CORE & DRILL BITS

QUIK-LOK™ FLAT BORING SETS

- 1/4" Quick-change hex shank provides quick and easy accessory changes
- Double wing spurs for easy hole formation and reduced vibration, preventing "break out"
- Patented cutting edge for easier and faster wood boring and fast chip removal which dissipates heat from the bit
- Includes: 6" universal Quik-Lok™ bit extension, 3/8", 1/2", 5/8", 3/4", 7/8", and 1 1/8" spade bits

Model No. TBO612

Price/Each \$



Milwaukee

4-PIECE AUGER SETS

- Double wing spurs for clean hole cutting
- Non-stick coated flutes for faster chip ejection
- Impact rated shank
- Canvas roll-up pouch for easy storage and job site organization
- Includes: 1/2" auger bit, 3/4" auger bit, 7/8" auger bit, 1" auger bit

Model No. TBO615

Price/Each \$

Milwaukee



6" SPEEDBOR FLAT BITS

- Blue-Groove point and cutting edge for faster chip removal, 4x faster than standard spade bits
- Double cutting spurs scribe the outside of the hole reducing breakout
- 10% larger shank for added durability
- Grooved hex shank prevents slipping in drill chuck or bit extension
- Fits all standard quick change chucks

IRWIN
Industrial Tools



Diameter"	Shank Length"	Shank Size"	Model No.	Price /Each
1/4	6	1/4	TU937	
5/16	6	1/4	TU938	
3/8	6	1/4	TU939	
7/16	6	1/4	TU940	
1/2	6	1/4	TU941	
9/16	6	1/4	TU942	
5/8	6	1/4	TU943	
11/16	6	1/4	TU944	
3/4	6	1/4	TQ628	
13/16	6	1/4	TQ629	
7/8	6	1/4	TQ630	
15/16	6	1/4	TQ631	
1	6	1/4	TQ632	
1 1/8	6	1/4	TQ633	
1 1/4	6	1/4	TQ634	
1 3/8	6	1/4	TQ635	
1 1/2	6	1/4	TQ636	

POWER DRILL LONG SHIP AUGER BITS

- Hollow centre flutes clear chips quickly out of holes
- Single cutter and side lip effortlessly bores holes in wood, cuts through nails without damaging the bit
- Full-length heat treatment guards against bending in heavy-duty applications and strengthens the twist where the greatest strain occurs
- Medium-fast screw point ideal for general wood boring applications
- Bit can be resharpened

IRWIN
Industrial Tools



Diameter"	Shank Size"	Twist Length"	Overall Length"	Model No.	Price /Each
3/8	5/16 hex	12	17	TH663	
7/16	5/16 hex	12	17	TH664	
1/2	5/16 hex	12	17	TH665	
9/16	7/16 hex	12	17	TH666	
5/8	7/16 hex	12	17	TH667	
11/16	7/16 hex	12	17	TH668	
3/4	7/16 hex	12	17	TH669	
13/16	7/16 hex	12	17	TH670	
7/8	7/16 hex	12	17	TH671	
15/16	7/16 hex	12	17	TQ661	
1	7/16 hex	12	17	TH673	
1 1/8	7/16 hex	12	17	TH674	
1 1/4	7/16 hex	12	17	TH675	
1 3/8	7/16 hex	12	17	TH676	
1 1/2	7/16 hex	12	17	TH677	

SWITCHBLADE™ SELF-FEED BITS

- This innovative replaceable blade system provides maximum productivity by eliminating downtime and the cost to resharpen
- Designed for drilling holes in all types of wood for pipe, vents, gas lines, and bulk wire routing
- Aggressive feed screw design allows the bit to pull through the wood faster, resulting in faster drilling
- Replacement blades made with hardened steel increases bit life
- Size and model number engraved on each bit

Milwaukee

1 3/8" Switchblade™ Self-Feed Bits come with:

- 1 3/8" Switchblade™ self-feed bit
- 2 replaceable blades
- 2 feed screws
- 2 set screws
- One (1) hex wrench



REPLACEMENT PACKS

Dim"	Model No.	Price /Each	3 Blades Model No.	Price /Each	10 Blades Model No.	Price /Each
1 3/8	TB0301		TB0306		TB0311	
1 1/2	TB0302		TB0307		TB0312	
2	TB0303		TB0308		TB0313	
2 1/8	TB0304		TB0309		TB0314	
2 9/16	TB0305		TB0310		TB0315	

POWER DRILL I-100 AUGER BITS

- Solid centre design provides extra rigidity while boring
- The flutes are ground behind the lands to funnel chips to the inside of the bit and away from the outside diameter, producing a faster, cleaner cut
- Single-spur cutting edge scribes the circumference of the hole for a smoother finish
- Full-length heat treated bit guards against bending in heavy-duty applications and strengthens the twist where the greatest strain occurs
- Coarse screw point provides fast boring in hard and soft woods



IRWIN
Industrial Tools

Diameter"	Shank Size"	Twist Length"	Overall Length"	Model No.	Price /Each
1/4	7/32 hex	4 1/2	7 1/2	TH785	
5/16	7/32 hex	4 1/2	7 1/2	TH786	
3/8	7/32 hex	4 1/2	7 1/2	TH787	
7/16	7/32 hex	4 1/2	7 1/2	TH788	
1/2	7/32 hex	4 1/2	7 1/2	TH789	
9/16	5/16 hex	4 1/2	7 1/2	TH790	
5/8	5/16 hex	4 1/2	7 1/2	TH791	
11/16	5/16 hex	4 1/2	7 1/2	TH792	
3/4	5/16 hex	4 1/2	7 1/2	TH793	
13/16	5/16 hex	4 1/2	7 1/2	TH794	
7/8	5/16 hex	4 1/2	7 1/2	TH795	
15/16	5/16 hex	4 1/2	7 1/2	TH796	
1	5/16 hex	4 1/2	7 1/2	TH797	

ICE HARDENED™ & CARBIDE TIPPED HOLE SAWS

ICE HARDENED™ HOLE SAWS

Utilize a proprietary cryogenic hardening process that improves upon traditional heat treat processes. Unlike surface coatings that wear away, cryogenics harden to the core by minimizing soft metal (austenite) and creating more hard metal (martensite).

Feature and benefits:

- Ice Hardened™ for up to 50% longer life than the competition
- Optimized tooth form for up to 2x faster cutting
- Functional slots for faster plug removal
- Matrix II bi-metal teeth for greater durability

CARBIDE TIPPED 3 TEETH
PER INCH HOLE SAWS

Provide longer life and faster cutting when holes are needed in ceramic tile, flake board, fibreboard, fibreglass and wood. Carbide tipped hole saws are **NOT** recommended for use on metal.

Feature and benefits:

- Carbide-tipped 3 teeth per inch design
- Sturdy 3/16" thick steel back



ICE HARDENED™

Saw diameter Inches mm	Model No.	Price /Each	Model No.	Price /Each
5/8 16	TB0108		TW198	-
11/16 17	TB0109		-	-
3/4 19	TB0110		TW199	-
13/16 21	TB0111		-	-
7/8 22	TB0112		TW200	-
15/16 24	TB0113		-	-
1 25	TB0114		TW201	-
1 1/16 27	TB0115		-	-
1 1/8 29	TB0116		TW202	-
1 3/16 30	TB0117		-	-
1 1/4 32	TB0118		TW203	-
1 5/16 33	TB0119		-	-
1 3/8 35	TB0120		TW204	-
1 7/16 37	TB0121		-	-
1 1/2 38	TB0122		TW205	-
1 9/16 40	TB0123		-	-
1 5/8 41	TB0124		TW206	-
1 11/16 43	TB0125		-	-
1 3/4 44	TB0126		TW207	-
1 13/16 46	TB0127		-	-
1 7/8 48	TB0128		TW208	-
2 51	TB0129		TW209	-
2 1/16 52	TB0130		-	-
2 1/8 54	TB0131		TW210	-
2 1/4 57	TB0132		TW211	-
2 5/16 59	TB0133		-	-
2 3/8 60	TB0134		TW212	-
2 1/2 64	TB0135		TW213	-
2 9/16 65	TB0136		-	-
2 5/8 67	TB0137		TW214	-
2 3/4 70	TB0138		TW215	-
2 7/8 73	TB0139		TW216	-
3 76	TB0140		TW217	-
3 1/8 79	TB0141		-	-
3 1/4 83	TB0142		TW218	-
3 3/8 86	TB0143		-	-
3 1/2 89	TB0144		TW219	-
3 5/8 92	TB0145		-	-
3 3/4 95	TB0146		TW220	-
3 7/8 98	TB0147		-	-
4 102	TB0148		TW221	-
4 1/8 105	TB0149		-	-
4 1/4 108	TB0150		TW222	-
4 3/8 111	TB0151		-	-
4 1/2 114	TB0152		TW223	-
4 3/4 121	TB0153		-	-
5 127	TB0154		TW224	-
5 1/2 140	TB0155		-	-
6 152	TB0156		TW225	-

SAW BLADES

ICE HARDENED™ HOLE SAW KITS

Ice Hardened™ products utilize a proprietary cryogenic hardening process (harden to the core by minimizing soft metal and creating more hard metal) that improves upon traditional heat treat processes.

Features and benefits:

- Ice Hardened™ for up to 50% longer life
- Optimized tooth form for up to 2x faster cutting
- Functional slots for faster plug removal



15-PC GENERAL PURPOSE ICE HARDENED™ HOLE SAW KIT

Comes with:

- Eleven (11) hole saws: 3/4", 7/8", 1", 1 1/8", 1 3/8", 1 1/2", 1 3/4", 2", 2 1/8", 2 1/4", 2 1/2"
- Two (2) arbors: **VH701, TBO276**
- Two (2) drill bits: **TW232**
- One (1) adapter: **VH066**
- One (1) spacer: **VH435**
- Space for additional hole saws

Model No. TBO157

Price/Each \$



19-PC MASTER ELECTRICIANS ICE HARDENED™ HOLE SAW KIT

Comes with:

- Fourteen (14) hole saws: 3/4", 7/8", 1 1/8", 1 3/8", 1 1/2", 1 3/4", 2", 2 1/4", 2 1/2", 2 5/8", 3", 3 5/8", 4 1/8", 4 3/4"
- Two (2) arbors: **VH701, TBO276**
- Three (3) drill bits: **TW232**
- One (1) adapter: **VH066**
- One (1) spacer: **VH435**
- Space for additional hole saws

Model No. TBO159

Price/Each \$



28-PC ALL PURPOSE PROFESSIONAL ICE HARDENED™ HOLE SAW KIT

Comes with:

- Twenty-two (22) hole saws: 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 3/4", 2", 2 1/8", 2 1/4", 2 1/2", 2 5/8", 3", 3 1/4", 3 3/8", 3 5/8", 3 3/4", 4 1/8", 4 1/4", 4 1/2", 4 3/4"
- Three (3) arbors: **VH070, VH701, TBO276**
- Three (3) drill bits: **TW232**
- Space for additional hole saws

Model No. TBO165

Price/Each \$



10-PC PLUMBERS ICE HARDENED™ HOLE SAW KIT

Comes with:

- Six (6) hole saws: 3/4", 7/8", 1 1/8", 1 1/2", 1 3/4", 2 1/4"
- Two (2) arbors: **VH701, TBO276**
- Two (2) drill bits: **TW232**
- One (1) adapter: **VH066**
- One (1) spacer: **VH435**
- Space for additional hole saws

Model No. TBO163

Price/Each \$



10-PC ELECTRICIANS ICE HARDENED™ HOLE SAW KIT

Comes with:

- Six (6) hole saws: 7/8", 1 1/8", 1 1/4", 2", 2 1/2"
- Two (2) arbors: **VH701, TBO276**
- Two (2) drill bits: **TW232**
- One (1) adapter: **VH066**
- One (1) spacer: **VH435**
- Space for additional hole saws

Model No. TBO160

Price/Each \$



18-PC MASTER PLUMBERS ICE HARDENED™ HOLE SAW KIT

Comes with:

- Thirteen (13) hole saws: 3/4", 7/8", 1 1/8", 1 3/8", 1 1/2", 1 3/4", 2 1/4", 2 5/8", 3", 3 1/2", 4", 4 1/4", 4 1/2"
- Two (2) arbors: **VH701, TBO276**
- Three (3) drill bits: **TW232**
- One (1) adapter: **VH066**
- One (1) spacer: **VH435**
- Space for additional hole saws

Model No. TBO164

Price/Each \$



BIG HAWG® KITS

Big Hawk® hole cutters are specifically designed for drilling large holes in rough wood applications.

Features and benefits:

- Aggressive tooth geometry for up to ten times faster cutting than hole saws
- Deep gullets for easy plug removal
- Three hardened steel teeth provide maximum durability against unintended nail impacts.
- Cuts up to 600 holes in wood without needing to be re-sharpened
- Storage space for additional hole cutters



7-PC BIG HAWG® KIT

Comes with:

- Three (3) hole cutters: 2 1/8", 2 9/16", 3 5/8"
- One (1) arbor with pilot bit
- Two (2) pilot bits
- One (1) diamond file
- One (1) hex wrench and impact resistant case

Model No. TBO277

Price/Each \$



10-PC BIG HAWG® KIT

Comes with:

- Six (6) hole cutters: 2 1/8", 2 1/4", 2 9/16", 3", 3 5/8", 4 1/4"
- One (1) arbor with pilot bit
- Two (2) pilot bits
- One (1) diamond file
- One (1) hex wrench and impact resistant case

Model No. TBO278

Price/Each \$



JIG SAW BLADES

UNIFIED SHANK® JIG SAW BLADES

- Fits both universal shank and Bosch shank jig saw
- Made out of the exclusive bi-metal Unique® process technology that makes them resist breakage, cut faster and last longer than other blades

Dimensions L" x W" x Thick"	TPI	Tooth	Set	Pack of 5 Model No.	Price /Each	Pack of 20 Model No.	Price /Each
FOR WOOD CUTTING							
3 x 5/16 x 0.050	6	Ground	Tapered	EAM111		EAM115	
3 x 5/16 x 0.050	6	Ground	Alternate	TGZ503		EAM116	
3 x 5/16 x 0.050	8	Regular	Alternate	EAM112		EAM117	
3 x 5/16 x 0.050	10	Ground	Tapered	TGZ501		EAM118	
3 x 5/16 x 0.050	10	Ground	Tapered, downstroke cut	EAM113		EAM119	
4 x 3/8 x 0.050	6	Skip	Alternate	EAM114		EAM120	
FOR METAL CUTTING							
2 x 5/16 x 0.040	24	Wavy	Regular	EAM121		EAM125	
2 x 5/16 x 0.040	32	Wavy	Regular	EAM122		EAM126	
3 x 3/16 x 0.040	24	Wavy	Scroll	EAM123		EAM127	
4 x 3/8 x 0.040	24	Wavy	Regular	EAM124		EAM128	
MULTI-PURPOSE							
2 x 5/16 x 0.040	Coarse grit	Grit	Carbide	TJZ012		EAM133	
2 x 5/16 x 0.040	14	Wavy	Regular	EAM129		EAM134	
2 x 5/16 x 0.040	18	Wavy	Regular	EAM130		EAM135	
2 x 5/16 x 0.040	14	Wavy	Scroll	EAM131		EAM136	
2 x 3/16 x 0.040	10-14	Wavy	Varipitch	TGZ502		EAM137	
4 x 3/8 x 0.040	18	Wavy	Regular	EAM132		EAM138	



EAM111



EAM121



TJZ012

UNIVERSAL-SHANK JIG-SAW BLADES

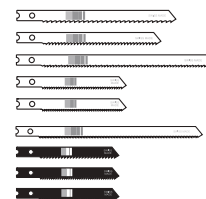
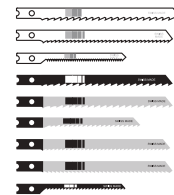
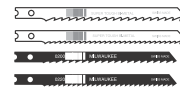
Bi-Metal - Super-tough bonded alloy steel for long life and faster cuts.

High-Carbon Steel - Tough durable carbon alloy blade for multi-purpose uses.

High-Speed Steel - General-purpose blade.

Sold in packs of 5

Length"	Width"	Teeth"	Tooth Type	Blade Material	Recommended Use	Model No.	Price /Each
GENERAL PURPOSE							
4	9/32	6	Milled and set	Bi-metal	Fast cutting, nail-embedded wood	TT427	
4	9/32	10	Milled and set	Bi-metal	Fast cutting, nail-embedded wood	TT428	
4	9/32	6	Milled and set	High-carbon steel	Very fast rough-cutting wood	TT430	
4	9/32	8	Milled and set	High-carbon steel	Fast straight-cutting wood	TT431	
WOOD CUTTING							
4	9/32	6	Taper ground	Bi-metal	Very fast clean cutting	TT435	
4	9/32	10	Taper ground	Bi-metal	Fast clean cutting	TT436	
2 3/4	3/16	20	Taper ground	Bi-metal	Scroll cutting in wood and laminates	TT437	
4	9/32	6	Ground and set	High-carbon steel	Very fast rough cutting	TT438	
4	9/32	6	Taper ground	High-carbon steel	Very fast clean cutting	TT439	
3 1/8	7/32	8	Taper ground	High-carbon steel	Clean cutting	TT441	
4	9/32	10	Taper ground	High-carbon steel	Straight clean cutting	TT442	
4	9/32	10	Taper ground	High-carbon steel	Reverse, no top splinters	TT443	
2 3/4	5/32	12	Milled, wavy set	High-carbon steel	Clean scroll cutting	TT444	
METAL CUTTING							
4	9/32	8	Milled and set	Bi-metal	Aluminum, non-ferrous metals	TT455	
3 5/8	9/32	14	Milled, wavy set	Bi-metal	Thick over 1/4" thick	TT456	
5	9/32	14	Milled, raker set	Bi-metal	Thick metal, tubing, etc.	TT457	
2 3/4	9/32	18	Milled, wavy set	Bi-metal	Metal over 1/8" thick	TT458	
2 3/4	9/32	24	Milled, wavy set	Bi-metal	Metal under 1/8" thick	TT459	
3 5/8	9/32	24	Milled, wavy set	Bi-metal	Thin metal under 1/8" thick	TT460	
2 3/4	9/32	14	Milled, raker set	High-speed steel	Metal over 1/4" thick	TT461	
2 3/4	9/32	18	Milled, wavy set	High-speed steel	Metal over 1/8" thick	TT462	
2 3/4	9/32	24	Milled, wavy set	High-speed steel	Metal under 1/8" thick	TT463	



UNIFIED SHANK® JIG SAW ASSORTMENT PACK

16 blades in the full product line plus an extra 6-tooth wood cutting saw. Blades come in a durable, tri-fold wallet.

Model No. EAM041 Mfg. No. 11974

Price/Each \$



SAW BLADES

HIGH PERFORMANCE SUPER SAWZALL® BLADES

Matrix II high speed steel teeth with 8% cobalt. Tough bi-metal design for the fastest cutting, longest blade life available. 1/2" universal tang.

ICE HARDENED™ SAWZALL® BLADE FOR METAL

- Cryogenically treated to minimize soft metal (austenite) and create more hard metal (martensite) for up to 50% longer life than standard blades
- Combination of relief angles forms a radius on the back of the tooth that reduces stress build-up and extends blade life
- Precision forming process creates sharper teeth for fast cutting
- Matrix II bi-metal teeth for greater durability

ICE HARDENED™ THE TORCH® SAWZALL® BLADE FOR METAL

- All the features of Ice Hardened™ Sawzall® blade for metal, plus:
- Precision forming process creates sharper teeth for fast cutting
- A thicker, more rigid blade body resists fracturing and bending for maximum durability
- The 1" tall blade body reduces blade twisting for straighter, more accurate cuts



Dimensions L" x W" x Thick"	TPI	Recommended for Cutting	Pack of 5 Model No.	Price /Each
WOOD CUTTING BLADES				
6 x 3/4 x 0.050	6	Very fast cutting nail	TW181	
9 x 3/4 x 0.050	6	embedded wood and	TW182	
12 x 3/4 x 0.050	6	general roughing in	TW183	
WOOD, NAIL EMBEDDED WOOD & DEMOLITION				
6 x 1.0 x 0.062	5	Plunge cutting	TW185	
9 x 1.0 x 0.062	5	Demolition work	TW186	
12 x 1.0 x 0.062	5	Long demolition blade	TW187	
PLASTER CUTTING BLADE				
5 x 3/4 x 0.050	6	Cuts forward and backward stroke	TW188	
METAL CUTTING BLADES				
6 x 3/4 x 0.035	14	Metal 3/16" thru 1/4"	TW189	
6 x 3/4 x 0.035	18	Metal 1/8" thru 3/16"	TW190	
9 x 3/4 x 0.035	18	Metal 1/8" thru 3/16"	TW191	
6 x 3/4 x 0.035	24	Metal thinner than 1/8"	TW192	
4 x 3/4 x 0.035	14	Metal 3/16" thru 1/4"	TE533	
9 x 3/4 x 0.035	14	Metal 3/16" thru 1/4"	TE534	
12 x 3/4 x 0.035	18	Metal 1/8" thru 3/16"	TE535	
ALL PURPOSE BLADES				
6 x 3/4 x 0.050	8 1/2	All Woods, Nail Embedded	TW193	
8 x 3/4 x 0.050	8 1/2	Composition Material, Plastic	TW194	
12 x 3/4 x 0.050	8 1/2	Non-Ferrous Metals, Cast Iron	TW195	

ICE HARDENED™ THE TORCH® SAWZALL® BLADE FOR METAL

6 x 1 x 0.042	10		TB0316	
6 x 1 x 0.042	14		TB0320	
6 x 1 x 0.042	18		TB0324	
9 x 1 x 0.042	14		TB0336	
9 x 1 x 0.042	18		TB0340	

ICE HARDENED™ SAWZALL® BLADE FOR METAL

6 x 3/4 x 0.042	14		TB0318	
6 x 3/4 x 0.042	18		TB0322	
6 x 3/4 x 0.042	24		TB0326	
6 x 3/4 x 0.042	8-12		TB0328	
8 x 3/4 x 0.042	8-12		TB0330	
9 x 3/4 x 0.042	14		TB0334	
9 x 3/4 x 0.042	18		TB0338	

Dimensions L" x W" x Thick"	Type Grit	Recommended for Cutting	Pack of 3 Model No.	Price /Each
TUNGSTEN CARBIDE BLADES				
6 x 3/4 x 0.030	Coarse	Fibreglass, ceramic tile, stone brick,	TW197	
9 x 3/4 x 0.039	Coarse	Plaster and marble	TE536	



Wood Cutting Blade



Wood, Nail Embedded Wood and Demolition



Plaster Cutting Blade



Metal Cutting Blade



All Purpose Blade



Ice Hardened™ The Torch® Sawzall® Blade for metal



Ice Hardened™ Sawzall® Blade for metal



Tungsten Carbide Blade

DIAMOND GRIT THE TORCH™ SAWZALL® BLADES

Features and benefits:

- D6A steel body, durable 1" tall profile for straighter and cleaner cuts
- Featuring industrial diamond grit embedded in high strength nickel
- Blades last up to 30x longer and cut 2x faster than traditional carbide grit blades

Dimensions L" x W" x Thick"	Type Grit	Recommended for Cutting	Model No.	Price /Each
6 x 1 x 0.042	Diamond coarse	Cast iron, hard tile (grade 5), ceramic tile, plaster,	TB0299	
9 x 1 x 0.042	Diamond coarse	masonry, brick, fibreglass and other abrasive materials	TB0300	

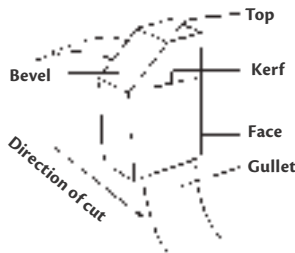


WHAT YOU SHOULD KNOW ABOUT CIRCULAR SAW BLADES

Tooth design is the determining factor in deciding which blade is best for which industrial application.

Here's a quick overview of how subtle changes in bevel, gullet and kerf affect cutting performance.

freud



BEVEL

Teeth can have a single bevel, two bevels or no bevel at all. Types of bevels can alternate from tooth to tooth on a given blade. The bevel is what gives the blade its specific cutting pattern.

GULLET

This is the space between teeth that clears the work piece of chips after the cut. The deeper the gullet, the more efficiently chips are cleared.

KERF

This is the face of the tooth, where the actual cutting takes place. The pattern of alternating kerfs, known as the grind, decides what applications a blade is best for.

GRIND

There are many types of grinds, but the five basic ones are:

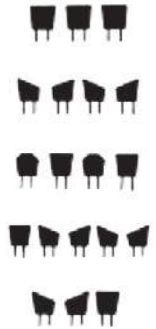
Flat top grind (FTG) - best for ripping.

Alternate top bevel (ATB) - for crosscutting, cut-off and trimming.

Triple chip grind (TCG) - perfect for hard, abrasive materials like non-ferrous metals, hardwoods and plastics.

Multi-purpose carbide tipped (MCT) or ripping and crosscutting, mitre.

Tri-grind (TRI) - combination grind.



INDUSTRIAL BLADES

TCS

Feature Freud's newest and most resilient Permashield® coating. This blade now combines Freud's highest quality blade with its highest quality coating. The TCS coating helps reduce blade distorting heat and makes cutting a breeze.

freud

GENERAL PURPOSE

- Crosscut and cutoff of hard and soft woods

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT815	LU84R008	8	5/8	40	0.126	10	MCT	
TT817	LU84R010	10	5/8	50	0.126	10	MCT	
TT818	LU84R012	12	1	60	0.126	10	MCT	

SLIDING COMPOUND MITER BLADES

- Easy fast cutting

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT833	LU91R008	8	5/8	48	0.090	-5	ATB	
TT834	LU91R010	10	5/8	60	0.090	-5	TCG	

RIPPING

- Rips hard and soft woods

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT809	LM72R008	8	5/8	24	0.126	20	FTG	
TT810	LM72R010	10	5/8	24	0.126	20	FTG	
TT811	LM72R012	12	1	30	0.169	20	FTG	

CROSSCUT & FINISHING

- Ultra smooth crosscut and mitres

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT821	LU85R008	8	5/8	64	0.116	10	ATB	
TT823	LU85R010	10	5/8	80	0.116	10	ATB	
TT824	LU85R012	12	1	96	0.116	10	ATB	

LAMINATE & CHIPBOARD

- Cuts dense abrasive man-made materials

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT836	LU98R008	8	5/8	64	0.126	-10	TCG	
TT838	LU98R010	10	5/8	80	0.126	-10	TCG	
TT839	LU98R012	12	1	96	0.126	-10	TCG	

PREMIER FUSION GENERAL PURPOSE SAW BLADES

- Rips woods, crosscuts wood, plywood, laminate

freud



Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Hook Grind	Price /Each
TB0352	P408	8	5/8	34 Hi	0.126	ATB	
TB0353	P410	10	5/8	40 Hi	0.126	ATB	
TB0354	P412	12	1	48 Hi	0.126	ATB	

HEAVY-DUTY GLUE LINE RIPPING BLADES

- Rips wood, crosscuts wood, chip board, plywood, laminate

freud



Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Hook Grind	Price /Each
TB0357	LM74R010	10	5/8	30	0.118	TCG	
TB0358	LM74R012	12	1	40	0.118	TCG	
TB0359	LM74R014	14	1	44	0.138	TCG	

MITRE CROSSCUT

- Crosscut and mitre of hard and soft woods

freud



Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT686	LU73M014	14	1	84	0.138	10	ATB	

GENERAL PURPOSE SAW BLADES

- For crosscutting thick hardwoods and softwoods (3/4" to 3 1/2") and thinner stock material (1/4" to 1")
- Anti-vibration design, Silver Ice™ coating

freud

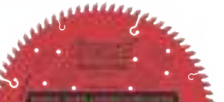


Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TT639	LU72M014	14	1	54	0.138	13	ATB	

DOUBLE SIDED LAMINATE/MELAMINE

- Rips wood, crosscuts wood, chip board, plywood, melamine, laminate

freud



Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Hook Grind	Price /Each
TB0360	LM97R008	8	5/8	64	0.126	TCG	
TB0361	LM97R010	10	5/8	80	0.126	TCG	
TB0362	LM97R012	12	1	96	0.126	TCG	
TB0363	LM97R014	14	1	108	0.138	TCG	

SAW BLADES

CONTRACTOR SAW BLADES

DIABLO® SAW BLADES

- Thin kerf, ideal for portable and low powered saws
- Perma-Shield® coating, keeps the blades resistant to gumming and corrosion
- Laser-cut stabilizer vents reduces vibration and heat built up

freud®

Combination

- For ripping and crosscutting

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Hook Grind	Price /Each
TDX905	D1050X	10	5/8	50	ATB	

Finishing

- For ripping, crosscutting, decking, fencing and plywood

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Hook Grind	Price /Each
TDX992	D0740A	7 1/4	5/8	40	ATB	
TEX006	D0840X	8 1/2	5/8	40	ATB	

Fine Finishing

- For crosscutting oak, pine, melamine, plywood and molding, very smooth finish

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Hook Grind	Price /Each
TEX005	D0860S	8 1/2	5/8	60	ATB	
TDX909	D1060S	10	5/8	60	ATB	
TDX931	D1280X	12	1	80	ATB	

General Purpose

- For cutting oak, pine, plywood, pressure treated lumber and beams

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Hook Grind	Price /Each
TDX901	D1040X	10	5/8	40	ATB	
TDX926	D1244X	12	1	44	ATB	

METAL CUTTING SAW BLADE

- For cutting ferrous metals up to 25 HRC, aluminum, wood and composite material

DIMAR

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf	Price /Each
TB0728	8-40 MET	8	5/8	40	0.086	
TB0729	10-48 MET	10	1	48	0.094	
TRW236	12-60 MET	12	1	60	0.094	
TRW240	12-80 MET	12	1	80	0.094	
TB0730	14-90 MET	14	1	90	0.1	

SAWS FOR NON-FERROUS METAL

- Material must be clamped firmly to the table on both sides during cutting operation and the use of coolant is very important

DIMAR

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Kerf"	Degrees	Hook Grind	Price /Each
TRW242	6 1/4-48 N/F	6 1/4	5/8	48	0.113	-6	TCG	
TRW244	7 1/4-58 N/F	7 1/4	5/8	58	0.113	-6	TCG	
TRW114	8-48 N/F	8	5/8	48	0.113	-6	TCG	
TRW245	8-64 N/F	8	5/8	64	0.113	-6	TCG	
TRW117	10-80 N/F	10	5/8	80	0.126	-6	TCG	
TRW153	10-100 N/F	10	5/8	100	0.126	-6	TCG	
TRW119	12-96 N/F	12	1	96	0.126	-6	TCG	
TRW120	14-84 N/F	14	1	84	0.126	-6	TCG	
TRW121	14-108 N/F	14	1	108	0.126	-6	TCG	
TRW163	15-100 N/F	15	1	100	0.126	-6	TCG	

GROOVING SAW

BLADES FOR ALUMINUM

- Used for milling, clean up and grooving of aluminum welds and cutting out welding tracks
- Used with hand held grinder

DIMAR

Model No.	Mfg. No.	Blade Dia. mm	Arbor"	No. of Teeth	Kerf"	Price /Each
TRW263	4-24 N/F	100	5/8	24	0.154	
TRW264	4-30 N/F	100	5/8	30	0.154	
TRW265	4 1/2-24 N/F	115	5/8	24	0.154	
TRW266	4 1/2-30 N/F	115	5/8	30	0.154	

CROSSCUT & PLYWOOD

- Smooth crosscut and plywood

freud®

Model No.	Mfg. No.	Blade Dia."	Arbor"	No. of Teeth	Hook Grind	Price /Each
TV663	TK303	7 1/4	5/8	40	FTG	

Can't find what
you're looking for?
Call us today!



aurora tools®

Aurora pneumatic tools are constructed to withstand the most demanding applications. These professional pneumatic tools are ideal for use in automotive, construction and industrial applications.

5" PNEUMATIC ANGLE GRINDERS

- Polyurethane grip reduces operator fatigue and vibration
- 5/8" x 11 UNC spindle
- Powerful twin – chamber motor-delivers much higher torque
- Side handle and wrenches included

Model No. THZ674



aurora tools®

Model No.	Grinding Wheel in mm	Spindle Thread in mm	Free Speed RPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ674	5 127	5.8 15.9	10000	5	1/4" - 18 NPT	3/8 9.5	3.1	83	3.1 1.41	

1/4" PNEUMATIC MINI DIE GRINDERS

- Polyurethane grip reduces operator fatigue and vibration
- Power/speed regulator allows for easy PSI adjustment
- Twin-bearing design for smooth operation
- Wrenches included

Model No. THZ678



aurora tools®

Model No.	Collet Size in mm	Free Speed RPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Horsepower HP	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ678	1/4 6.4	25000	3	1/4" - 18 NPT	3/8 9.5	0.35	0.1	83	0.9 0.43	
THZ679	1/4 6.4	18000	3	1/4" - 18 NPT	3/8 9.5	0.45	0.1	80	1.7 0.77	

1/4" PNEUMATIC ANGLE DIE GRINDERS

- Polyurethane grip reduces operator fatigue and vibration
- Power/speed regulator allows for easy PSI adjustment
- Twin-bearing design for smooth operation
- Wrenches included

Model No. THZ679



aurora tools®

3" AIR CUT-OFF TOOLS

- Polyurethane handle reduces operator fatigue and vibration
- Power/speed regulator allows for easy PSI adjustment
- Twin-bearing design for smooth operation and cut off powerfully
- Wrench and Allen Key included to lock/unlock the disc

Model No. THZ677



aurora tools®

Model No.	Cutting Wheel in mm	Free Speed RPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Horsepower HP	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ677	3 76.2	21000	3	1/4"-18 NPT	3/8 9.5	0.45	0.2	81	1.8 0.82	

AIR TOOLS

3/8" AIR REVERSIBLE DRILLS

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Two-gear structure runs smoothly

Model No. THZ675



aurora tools®

1/2" AIR REVERSIBLE DRILLS

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Two-gear structure runs smoothly
- Side handle included

Model No. THZ676



aurora tools®

Model No.	Chuck Size in mm	Spindle Thread	Free Speed RPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ675	3/8 9.5	3/8" - 24 threads	1800	4	1/4" - 18 NPT	3/8 9.5	0.10	88	2.0 0.91	
THZ676	1/2 12.7	3/8" - 24 threads	450	4	1/4" - 18 NPT	3/8 9.5	0.15	88	3.0 1.36	

3/4" HEAVY-DUTY AIR IMPACT WRENCHES

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Twin hammer impact mechanism
- Three step forward/reverse regulator allows the operator to adjust the power to the job
- Rear exhaust directs air away from work piece and operator
- Special heat-treatment of major parts & anvil for long life

Model No. THZ672



aurora tools®

1/2" HEAVY-DUTY AIR IMPACT WRENCHES

- Pin-clutch hammer mechanism
- Built-in regulator to prevent over-torquing
- Low noise, low vibration
- Forward-reverse switch, and high-low speed regulator
- Durability and longer life

Model No. THZ673



aurora tools®

Model No.	Square Drive in mm	Bolt Capacity in mm	Free Speed RPM	Torque Range ft.-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ672	3/4 19	1 25.4	4600	565-1100	9	1/4" - 18 NPT	3/8 9.5	6.1	90	11.21 5.09	
THZ673	1/2 12.7	5/8 15.9	7000	25-320	12	1/4" - 18 NPT	3/8 9.5	3.1	94	5 2.27	

3/8" HEAVY-DUTY COMPOSITE AIR IMPACT WRENCHES

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Exhaust air outlet directs air away from operator
- Forward-reverse switch, and high-low speed regulator
- Low noise, low vibration
- Overall length: 7"
- Weight: 2.8 lbs.

Model No. TLZ137



aurora tools®

1/2" HEAVY-DUTY COMPOSITE AIR IMPACT WRENCHES

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Exhaust air outlet directs air away from operator
- Forward-reverse switch, and high-low speed regulator
- Low noise, low vibration
- Overall length: 7 3/4"
- Weight: 4.6 lbs.

Model No. TLZ138



aurora tools®

Model No.	Square Drive in mm	Bolt Capacity in mm	Free Speed RPM	Torque Range ft.-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLZ137	3/8 9.53	1/2 13	10000	90-280	10.6	1/4" - 18 NPT	3/8 9.5	3.7	91.5	
TLZ138	1/2 12.7	5/8 16	10000	400-1000	13.7	1/4" - 18 NPT	3/8 9.5	6.0	94	

COMPOSITE 3/4" HEAVY-DUTY AIR IMPACT WRENCHES

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Exhaust air outlet directs air away from operator
- Forward-reverse switch, and high-low speed regulator
- Overall length: 8"
- Weight: 5 lbs.

Model No. TLZ139



aurora tools®

Model No.	Square Drive in mm	Bolt Capacity in mm	Free Speed RPM	Torque Range ft-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLZ139	3/4 19.1	1 26	9000	450-1000	13.7	1/4" - 18 NPT	3/8 9.5	9.2	95.9	

3/8" HEAVY-DUTY AIR RATCHET WRENCHES

- Lightweight aluminum design minimizes operator fatigue
- Polyurethane grip reduces vibration
- Variable speed, reversible
- Paddle style trigger provides better speed control
- Ideal for automotive and industrial fastener removal and installation work

Model No. THZ671



aurora tools®

Model No.	Square Drive Size in mm	Free Speed RPM	Torque Range ft-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Horse Power HP	Vibration Less Than m/s ²	Sound Pressure Level dB(A)	Net Weight lbs. kg	Price /Each
THZ671	3/8 9.5	175	5-75	3	1/4" - 18 NPT	3/8 9.5	0.45	1.0	78	2.6 1.18	
THZ680	1/2 12.7	175	5-75	3	1/4" - 18 NPT	3/8 9.5	0.45	1.0	83	2.6 1.18	

1/2" HEAVY-DUTY AIR RATCHET WRENCHES

- Lightweight aluminum design minimizes operator fatigue
- Polyurethane grip reduces vibration
- Variable speed, reversible
- Paddle style trigger provides better speed control
- Ideal for automotive and industrial fastener removal and installation work

Model No. THZ680



aurora tools®

1/4" STUBBY TYPE AIR RATCHET WRENCHES

- Lightweight aluminum design minimizes operator fatigue
- Polyurethane grip reduces vibration
- Variable speed, reversible
- Paddle style trigger provides better speed control
- Powerful tool in a compact design
- (Polyurethane handle helps insulate vibration)
- Overall length: 7 1/4"
- Weight: 1.4 lbs.

Model No. TLZ140



aurora tools®

Model No.	Square Drive in mm	Free Speed RPM	Torque Range ft-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLZ140	1/4 6.35	230	5-30	3	1/4" - 18 NPT	5/16 8	4.4	87	



KLETON

Canada's Leading Material Handling Supplier



AIR TOOLS

5" DUAL-ACTION ORBIT SANDERS

- Dual-action, compact and lightweight design
- Lever throttle offers one hand control
- Low vibration for swirl-free finishes
- Non-vacuum model
- Pad size (5"-6")
- Overall length: 6 1/2"
- Weight: 1.8 lbs.
- Stick-on pad comes standard (TLZ472)
- Optional Hook & Loop pad (TLZ473)

Model No. TLZ142



aurora tools®

Model No.	Free Speed RPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Horse Power HP	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLZ142	10 000	9	1/4" – 18 NPT	3/8 9.5	0.35	0.80	78	
TLZ143	10 000	9	1/4" – 18 NPT	3/8 9.5	0.35	0.80	78	

6" DUAL-ACTION ORBIT SANDERS

- Dual-action, compact and lightweight (ergonomic) design
- Lever throttle offers one hand control
- Low vibration for swirl-free finishes
- Non-vacuum model
- Pad size (5"-6")
- Overall length: 7"
- Weight: 1.9 lbs.
- Stick-on pad comes standard (TLZ474)
- Optional Hook & Loop pad (TLZ475)

Model No. TLZ143



aurora tools®

1/4" AIR SCREWDRIVERS

- Durable steel body
- Forward-reverse switch
- Low noise, low vibrations
- Overall length: 7 1/2"
- Weight: 2.4 lbs.



aurora tools®

Model No.	Free Speed RPM	Torque Range ft.-lbs.	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Horse Power HP	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLV495	1800	45-115	6	1/4" – 18 NPT	3/8 9.5	0.5	0.7	82	

AIR FLUX CHIPPERS & NEEDLE SCALERS

- Lightweight compact design permits increased operator efficiency
- Paddle style trigger offers better speed control and precision
- Low noise, low vibration
- Durability and longer life

TLZ133

- Overall length: 10 1/4"
- Weight: 4.1 lbs.
- Comes with 35 mm flat chisel
- **Available accessories:**

TLZ134 – 20 mm flat chisel
TLZ135 – 35 mm flat chisel
TLZ136 –moil point

TLZ131

- Overall length: 16"
- Weight: 6.1 lbs.
- Comes with 19 needles
- Replacement needles TLZ132



aurora tools®

Model No	Stroke in mm	Blows per minute BPM	Average Air Consumption CFM	Air Inlet	Hose Size in mm	Vibrations Less Than m/s ²	Sound Pressure Level dB(A)	Price /Each
TLZ133	1-1/2 38	4400	9	1/4" – 18 NPT	3/8 9.5	10.2	92	
TLZ131	1-1/2 38	4000	9	1/4" – 18 NPT	3/8 9.5	10.2	104.3	

AIR HOSES NYLON COIL C/W FITTING

- Light and easy to handle
- High impact and abrasion resistance
- Excellent elastic memory, can be stretched repeatedly yet return to original shape for convenient storage
- Colour: High-viz yellow
- Temperature range: -5°C to 70°C



aurora tools®

Model No.	NPT (M)"	Length'	Hose Inside Diameter"	Max. Working Pressure PSI	Price /Each
TLZ150	1/4	25	1/4	200	
TLZ151	1/4	50	1/4	200	
TLZ152	3/8	25	3/8	300	
TLZ153	3/8	50	3/8	300	

PLUG QUICK COUPLER KITS, 5 PIECES

Set includes:

- One 1/4" Quick coupler
- One 1/4" Female plug
- Three 1/4" Male plugs

Model No. TLZ148

Price/Each \$

aurora tools®



3/8" IMPACT WRENCHES

For general maintenance

- Twin hammer clutch
- Composite handle and magnesium clutch housing
- S2S technology allows to effortless change between forward and reverse
- Three positive power settings
- Full teasing trigger

Model No. TLV696



3/8" BUTTERFLY IMPACT WRENCHES

- Butterfly forward/reverse throttle
- Rocking dog clutch for smooth operations and durability
- Four positive power settings
- Easy maneuvering with 360° air inlet swivel
- Comfort and maneuverability
- Shank size: 3/8"
- Shank retainer type: Friction ring
- Working torque: 5-65 ft-lbs.
- Ideal for bench work, carburetors, ignitions, body panels, transmissions, oil pans and small engine repair

Model No. THZ806



3/8" IMPACT WRENCHES

General duty for maintenance/repair.

- High torque Dyna Pact™ clutch
- Ergonomic handle for excellent balance and feel
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. THZ944



1/2" IMPACT WRENCHES

Standard duty for use in a variety of fastening operations.

- Dyna Pact™ clutch
- Built-in power regulator
- Push-through reverse mechanism

Model No. THZ946



1/2" IMPACT WRENCHES

For general duty repair/maintenance and light-to-medium assembly applications.

- Twin clutch increases ultimate torque for smooth operation under heavy loading
- Oil bath clutch
- Teasing throttle

Model No. THZ948



3/4" IMPACT WRENCHES

High ultimate torque for tough applications.

- Ideal for hard pull up conditions
- Push-through reverse mechanism
- Teasing throttle
- Oil bath clutch chamber
- Pin clutch
- 3/8" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. THZ955



1" IMPACT WRENCHES

Standard duty for use in steel erection, heavy assembly/disassembly, maintenance/repair, and construction.

- Teasing throttle
- Rocking dog clutch
- Closed-grip inside trigger
- 6" extended shank
- 1/2" (NPTF) air inlet thread
- 1/2" min. hose size

Model No. TJZ370



Chicago Pneumatic™

Model No.	Mfg. No.	Shank		Working Torque		Maximum Torque		CFM	Overall Length		Net Weight		Price /Each
		Size	Retainer						in.	mm	lbs.	kg	
TLV696	CP7722	3/8	10	Friction Ring	50-300	68-407	415	563	20	6 1/2	163	2.8	1.3
THZ806	CP772	3/8	10	Friction Ring	5-50	6.8-70	90	122	10	5 3/4	146	2	0.9
THZ944	CP724H	3/8	10	Friction Ring	20-160	27-217	200	272	12	6	152	3.1	1.4
THZ946	CP734H	1/2	13	Friction Ring	25-310	34-420	425	576	15	7 1/2	191	5	2.3
THZ948	CP749	1/2	13	Friction Ring	25-330	34-450	450	610	16	7 1/2	194	5.5	2.5
THZ955	CP772H	3/4	19	Friction Ring	150-700	200-950	1000	1360	24	9 5/8	244	10.5	4.8
TJZ370	CP797	1	25.4	Hole for Socket Pin	150-900	200-1225	1400	1900	40	15 1/2	394	27	12.3

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

Standard equipment: removable dead handle. **TG063**: Socket pin and retaining ring. **TG065**: adjustable and removable dead handle, socket pin and retaining ring.

AIR TOOLS

DRILLS

NON-REVERSIBLE DRILLS 1/8" TO 3/8" CAPACITY

For maintenance and general use

- 1/2 HP motor
- Light weight
- Triple idler planetary gears
- Double ball bearing supported spindle
- Teasing throttle
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG070



REVERSIBLE DRILLS 1/8" TO 1/2" CAPACITY

For precision drilling, hole sawing, honing, countersinking, and reaming

- 1/2 HP reversible motor
- Variable speed
- Teasing throttle
- Jacobs chuck
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG072



REVERSIBLES ANGLE DRILLS/ NON-REVERSIBLE IN-LINE DRILLS 1/8" TO 3/8" CAPACITY

For drilling in hard-to-reach areas

- Compact for confined spaces
- Rear exhaust
- Teasing throttle
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. THZ740



**Chicago
Pneumatic™**

Model No.	Mfg. No.	Chuck Size		Spindle Thread	Free Speed RPM	Air Consumption CFM	Overall Length		Net Weight		Price /Each
		in	mm				in	mm	lbs.	kg	
TG070	CP9285	3/8	10	3/8"-24	2900	21	6.5	165	2.4	1.1	
TG072	CP9789	1/2	13	3/8"-24	800	24	7	177	4	1.8	
THZ740	CP887	3/8	10	3/8"-24	2800	26	8.5	215	2	0.9	

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

Standard equipment: Removable support handle on TG072.

INDUSTRIAL SCREWDRIVERS

REVERSIBLE, PISTOL GRIP SCREWDRIVERS

- One hand operation reverse valve
- Compact pistol grip
- Roller clutch
- Shut-off clutch

Model No. TG090

Model No. TG091



REVERSIBLE IN-LINE SCREWDRIVERS

- Progressive lever start
- Ideal for centering screws during the fastening cycle
- Roller clutch
- Reversible
- Use for disassembly

Model No. TG092



REVERSIBLE IN-LINE SCREWDRIVERS

- Push-to-start operation
- Quick change reverse operation
- Shut-off clutch
- Ideal for continuous operation
- Positive shut-off at preset torque

Model No. TG093



**Chicago
Pneumatic™**

Model No.	Mfg No.	Free Speed RPM	Torque Range in.-lbs. (Nm)		CFM	dBA	Vibration m/s ²	Overall Length in. (mm)	Net Weight lbs. (kg)	Price /Each
			Min.	Max.						
TG090	CP2612	1470	3.5 (0.4)	39 (4.4)	14	75	2.3-3.9	72 (182)	1.8 (0.8)	
TG091	CP2611	1000	3.5 (0.4)	38 (4.3)	20	76	<2.5	72 (182)	1.8 (0.8)	
TG092	CP2621	1000	3.5 (0.4)	39 (4.4)	14	77	9-35	9.6 (224)	2.58 (1.2)	
TG093	CP2622	1700	3.5 (0.4)	38 (4.3)	14	81	<2.5	8.8 (223)	1.39 (.7)	

1/4" (NPTF) air inlet thread; 3/8" min. hose size.

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

RATCHETS

1/4" RATCHETS

For light duty repair or assembly work

- Also for confined space or hard to reach areas
- 1/4" square drive spindle with pin retainer
- Reverse button
- Ball-type socket retainer
- Teasing throttle
- 1/4" (NPTF) air inlet

Model No. THZ865



3/8" RATCHETS

For assembly, including electronics, appliances, and light manufacturing

- Fast change, 3/8" square drive spindle
- Improved ratchet head
- Reverse button
- Use as hand ratchet for final torque up or to break fastener loose
- 1/4" (NPTF) air inlet

Model No. THZ869



1/2" RATCHETS

For assembly, including electronics, appliances, and light manufacturing

- Fast change, 1/2" square drive spindle
- Improved ratchet head
- Reverse button
- Use as hand ratchet for final torque up or to break fastener loose
- 1/4" (NPTF) air inlet

Model No. TG069



Model No.	Mfg No.	Square Drive in.	Free Speed RPM	Torque Range Ft.-lbs. (Nm)		CFM	dBA	Vibration m/s ²	Head Dimensions		Overall Length in. (mm)	Net Weight lbs. (kg)	Price /Each
				Min.	Max				Ht. To Rear of Socket in. (mm)	Side to Centre in. (mm)			
THZ865	CP825C	1/4	280	4 (5)	18 (25)	15.5	82	10	1 5/16 (24)	1 19/32 (15)	6 3/5 (169)	1.1 (.5)	
THZ869	CP828	3/8	150	10 (14)	50 (68)	16	92	10	1 3/16 (30.2)	25/32 (19.8)	10 (254)	2.6 (1.2)	
TG069	CP828H	1/2	150	10 (14)	50 (68)	16	92	10	1 3/16 (30.2)	25/32 (19.8)	10 (254)	2.6 (1.2)	

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

For initial loosening and final tightening, apply torque by hand, not to exceed 30 ft.-lbs. (41 Nm)

MINI RATCHET WRENCHES 1/4" & 3/8"

- Under 6" in length
- Small, lightweight and compact
- Soft handle grip
- TLZ709 has a quick release button
- Up to 27 ft.-lbs. in torque
- Speed: 275 RPM



TLZ708

LIGHTWEIGHT, HEAVY-DUTY, ALUMINUM IMPACT WRENCHES

- **Lightweight**, high power, low noise
- Composite body and aluminum clutch housing
- Great durability and power
- 3 forward power settings



TLZ323



Model No.	TLZ708	TLZ709
Mfg. No.	CP9426	CP9427
Square drive:	1/4"	3/8"
Free Speed:	275 RPM	275 RPM
Torque range:	5-27 ft.-lbs.	5-27 ft.-lbs.
Length:	5.1"	5.1"
Air Flow:	12.5 CFM	12.5 CFM
Air Inlet:	1/4"	1/4"
Air Hose Bore:	-	-
Sound Level:	82 dB (A)	82 dB (A)
Sound Power:	93 dB (A)	93 dB (A)
Vibration Level:	5.5 m/s ²	4.5 m/s ²
Weight:	1.08 lbs.	1.11 lbs.
Price/Each	\$	\$



Model No.	TLZ320	TLZ321	TLZ322	TLZ323
Mfg. No.	CP8222-R	CP8242-R	CP8252-R	CP8272-D
Square drive:	3/8"	1/2"	1/2"	3/4"
Socket retainer:	Friction ring	Friction ring	Friction ring	Both friction ring & hole
Clutch Type:	Twin hammer	Twin hammer	Twin hammer	Twin hammer
Torque working:	184-295 ft.-lbs.	184-295 ft.-lbs.	220-590 ft.-lbs.	100-960 ft.-lbs.
Torque max.:	331 ft.-lbs.	479 ft.-lbs.	775 ft.-lbs.	1217 ft.-lbs.
Length:	6.96"	6.96"	7.87"	9.05"
Air Flow:	32 CFM	32 CFM	28.8 CFM	48 CFM
Air Inlet:	1/4" NPTF	1/4" NPTF	1/4" NPTF	3/8" NPTF
Air Hose Bore:	3/8"	3/8"	3/8"	1/2"
Sound Level:	89 dBA	89 dBA	94 dBA	96 dBA
Sound Power:	100 dBA	100 dBA	105 dBA	107 dBA
Vibration Level:	3.9 m/s ²	3.9 m/s ²	7.9 m/s ²	9 m/s ²
Weight:	2.53 lbs.	2.64 lbs.	4.4 lbs.	7.16 lbs.
Price/Each	\$	\$	\$	\$

AIR TOOLS

DIRECT DRIVE REVERSIBLE SCREWDRIVERS

- Suitable for variable torque
- High speed fast screw rundown
- Ergonomic pistol grip improves operator comfort and productivity

Model No.	TLZ339
Mfg. No.	CP2755
Clutch Type	Direct drive reversible
Handle style	Pistol grip
Operation	Trigger start
Free Speed	2200 RPM
Output	Hex. 1/4"
Torque range	124 in.-lbs.
Length	6.3"
Weight	2.27 lbs.
Air Flow	29 CFM
Air Inlet	1/4" NPTF
Air Hose Bore	3/8"
Sound Level	90 dBA
Vibration Level	<2.5 m/s ²
Price/Each	\$



POSITIVE CLUTCH REVERSIBLE SCREWDRIVERS

- Quick change chuck
- Operator can force clutch engagement for higher torque
- Reverse control at the trigger
- Good for prevailing torque applications
- High speed and high torque

Model No.	TLZ340
Mfg. No.	CP2780
Clutch Type	Positive clutch
Handle style	Pistol grip
Operation	Trigger start
Free Speed	2100 RPM
Output	Hex. 1/4"
Torque range	133 in.-lbs.
Length	6.46"
Weight	2.35 lbs.
Air Flow	29 CFM
Air Inlet	1/4" NPTF
Air Hose Bore	3/8"
Sound Level	89 dBA
Vibration Level	26.8 m/s ²
Price/Each	\$



SANDERS

RANDOM ORBITAL SANDERS

Use the orbital motion for fine finishing; rotary motion for rapid material removal.

- Balanced counterweight design
- Heavy-duty bearing construction
- Cross-bolt-style hub mounting
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. THZ829



THZ829

SANDERS

For use in a variety of sanding, blending and smoothing operations in the appliance, construction, shipyard and electronics industries or wherever metal or fiberglass is being prepared or finished.

Model No. TG084

Model No. TG085



TG084



TG085



TG086



MINI ROTARY SANDERS

- Ideal for small work area
- Adjustable speed regulator
- Through-handle exhaust
- Directs exhaust air away from the operator/workpiece
- Match the speed to the job

Model No. TG086

Model No.	Mfg. No.	Paper Size		Spindle Thread	Free Speed RPM	CFM	dBA	Vibration m/s ²	Net Weight		Price /Each
		in.	mm						lbs.	kg	
THZ829	CP870	6	150	5/16"-24	10000	18	94	<2.5	4	1.9	
TG084	CP72655	7	178	5/8"-11	4500	24	89	<2.5	4.5	2.0	
TG085	CP72695	7	178	5/8"-11	4500	24	89	<2.5	6.5	3.0	
TG086	CP7202	3	75	3/8"-24	14000	19	77	<2.5	1.5	0.7	

Noise levels are at 1.0 m per Pneuport Standard 8N-1. Vibration levels are per ISO 8662-1.

ANGLE GRINDERS

For cleaning, deburring, blending and smoothing

- 0.8 HP motor
- Aluminum alloy housing
- Spiral bevel gearing in angle head
- 1/4" (NPTF) air inlet
- 3/8" minimum hose size

Model No. TG080

Model No. TG081

Model No. TLV383



7" ANGLE GRINDERS

For cleaning, deburring, blending, and smoothing

- Use with 7", Type 27 grinding wheels
- 1.12 HP motor
- Aluminum alloy housing
- Spiral bevel gearing in angle head
- 3/8" (NPTF) air inlet
- 3/8" minimum hose size

Model No. TKZ804



Model No.	Mfg. No.	Wheel Size in. (mm)	Spindle Thread"	Free Speed RPM	CFM	dBA	Vibration m/s ²	Overall Length Less Guard in. (mm)	Net Weight Less Guard lbs. (kg)	Price /Each
TG080	CP9120CR	4 (102)	3/8-24	14000	21	84	7.5	9 (229)	4.0 (1.8)	
TG081	CP9121CR	5 (127)	3/8-24	12000	21	84	8.1	9 (229)	4.2 (1.9)	
TLV383	CP9122BR	4.5 (114)	5/8-11	12000	30	84	8.6	9	4.2	
TKZ804	CP9123	7 (178)	5/8-11	7500	33	93	4.2	13 1/8 (333)	6 1/4 (2.84)	

Noise levels are at 1.0 m per Pneuport Standard 8N-1. Vibration levels are per ISO 8662-1.

AIR SCRIBE® PENS

- Vibration level: 4.2 m/s²

INCLUDED ACCESSORIES:

- Air hose - 3/16" (5 mm) I.D.
- Air filter assembly
- Stylus - carbide tipped for writing and engraving
- Anvil for use with chisels and blank
- Flat chisel for scaling and deburring
- Chisel blank, customized to suit
- Round nose chisel for cleaning weld beads
- Carrying case



Model No.	Mfg. No.	Max Blows Per Minute	Weight lbs. kg	Length in. mm	Air Flow L/s CFM	Min Hose Bore in. mm	Sound Level dBA	Price /Each
AIR SCRIBE KIT								
TCW246	CP9361-1 KIT	13 500	0.31 0.14	5 127	0.5 1.1	3/16 5	79	
TKZ813	PO54177			Replacement Stylus				

NON-VACUUM ORBITAL SANDERS

Random orbital sanders for general sanding, orbit dia. 3/16" (5 mm)

- Low noise and vibration
- 3/16" orbit



TDU633

Model No.	Mfg. No.	Pad Size in. mm	Weight lbs. kg	Height with Pad in. mm	Air Consumption (CFM) Average At load	Air Inlet Thread"	Hose I.D."	Price /Each
TCW303	CP3511	5 127	1.63 0.74	3 1/4 83	8.0 16.6	1/4	1/4	
TDU633	CP7255	6 150	1.74 0.79	3 1/4 83	8.0 16.6	1/4	1/4	

COMPACT ENGRAVING PENS

- Finger tip start valve
- Fine point stylus
- Enhanced control
- Compact and lightweight
- Engraves at 32 400 BPM
- Quiet operation @ 59 dB(A)



Model No. THZ727
Mfg. No. CP9160
Price/Each \$

INDUSTRIAL DIE GRINDERS

- Excellent ergonomics
- Very low maintenance
- Low vibration
- Built for continuous use



Model No.	Mfg. No.	Free Speed RPM	Collet Max Capacity"	HP	Power W	Weight lbs. kg		At Free Speed CFM	Air Consumption			Air Inlet Thread"	Hose I.D."	Price /Each
									L/s	At Max Output CFM	L/s			
TCW168	CP3451-18SEC	18 000	1/4	1.0	750	3.1	1.4	14	6.7	17	8	1/4	5/16	
TCW258	CP3000-424R	24 000	1/4	0.5	400	1.8	0.84	27	13	25	12	1/4	5/16	
TCW144	CP3030-420R	13 000	1/4	0.8	600	2.6	1.3	21	10	40	19	3/8	3/8	
TCW044	CP3109-13AC	13 000	1/4	0.8	600	2.4	1.1	21	10	32	15	3/8	3/8	
TCW088	CP3109-24ES	24 000	1/4	0.8	600	2.9	1.3	21	10	32	15	3/8	3/8	
TCW174	CP3109-24	24 000	1/4	0.8	600	2.0	0.9	21	10	32	15	3/8	3/8	

AIR TOOLS

BELT SANDERS

- Ergonomic design
- Low maintenance motor
- Easy belt changes
- Unequaled power to weight ratio



Model No.	Mfg. No.	Free Speed RPM	Belt Size L x I		Power HP W		Weight lbs. kg		Air Consumption At Free Speed CFM L/s		Air Inlet Thread"	Hose I.D."	Price /Each
			in.	mm									
TCW005	CP9779	22 000	13 x 3/8	330 x 10	0.4	300	2.09	0.95	14	6	1/4	3/8	
TCW006	CP9780	20 000	20.4 x 3/4	520 x 20	0.4	300	2.09	0.95	15	7	1/4	3/8	

UTILITY HAMMERS

For light to medium duty chipping, trimming, riveting, cutting, piercing & peening jobs

- Aluminum body
- 2 5/8" stroke (TG087), 3 1/2" stroke (TG088)
- Piston air-cushioned on return stroke
- 1/4" (NPTF) air inlet
- 3/8" minimum air hose size



Model No.	Mfg. No.	Capacity Cold Rivets in. (mm)		Bore and Stroke in. (mm)	Blows per Minute	Rivet Set and Chisel Shank	CFM	dBA	Vibration m/s ²	Overall Length in. (mm)	Net Weight lbs. (kg)	Price /Each
		Dural	Steel									
TG087	CP7111	1/4 (6.4)	3/16 (4.8)	3/4 x 2 5/8 (19 x 67)	3000	0.401 (10.19 mm)	25	100	8.9	6 3/4 (171)	3 1/2 (1.6)	
TG088	CP7150	5/16 (7.9)	1/4 (6.4)	3/4 x 3 1/2 (19 x 89)	2300	0.401 (10.19 mm)	25	100	9.4	8 7/8 (225)	4.2 (1.9)	

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

INDUSTRIAL CHIPPERS/SCALERS

- For industrial use
- Powerful
- Durable



Model No.	Mfg. No.	Bore in. mm		Stroke in. mm		Shank"	Blows Per Minute	Weight lbs. kg		Air Consumption At Free Speed CFM L/s		Air Inlet Thread"	Hose I.D."	Price /Each
		in.	mm	in.	mm									
TCW253	CP9356NS	0.71	18.0	1.18	30.0	ISO 1/2 square	3800	3.3	1.5	3.0	1.4	1/4	5/16	
TCW235	CP9356WF	0.93	23.5	1.40	35.6	ISO 1/2 square	3000	4.4	2.0	5.5	2.6	1/4	3/8	
TCW108	CP0952	1.30	33.0	1.94	49.2	ISO 1/2 square	2200	8.8	4.0	8.5	4.0	1/4	3/8	

WELD FLUX CHIPPERS & NEEDLE SCALERS

- For removing rust, scale, paint & medium duty weld flux removal
- Simple plate valve design allows for smooth throttling
- Heat-treated piston, cylinder sleeve and chisel bushing for long life
- Removal of needle attachment converts tool to a weld flux chipper

Model No.	TLZ158
Mfg. No.	CP7120
Bore	1 1/8"
Blows per minute	4800 BPM
Shank Length	1/2 sq.in. 18"
Weight	6.2 lb
Air Flow	15.5 CFM
Min. Hose Size	3/8"
Air Inlet	1/4" NPT
Sound Level	99 dBA
Sound Power	110 dBA
Vibration Level	9.7 m/s ²
Price/Each	\$

Kit Includes:
1 x Tool Body
1 x 19 needles
1 x 35 mm chisel



HEAVY-DUTY AIR SHEARS

- Cuts up to 18 gauge steel
- Powerful 1/2 HP motor
- Triple idler planetary gears
- Ergonomic handle design
- 1/4" (NPTF) air inlet

Model No. TG096



TG096



HEAVY-DUTY RECIPROCATING AIR SAW

- Ergonomic rubber grip
- Heavy-duty construction
- Lock-off throttle
- Universal saw blade holder
- 1/4" (NPTF) swivel air inlet
- 3/8" minimum hose size
- Includes: Replacement blades, 18T, 24T, 32T and carry case

Model No. THZ855



THZ855

Model No.	Mfg. No.	Strokes per Minute	Capacity Steel	CFM	dBA	Vibration m/s ²	Overall Length in. (mm)	Net Weight lbs. (kg)	Price /Each
TG096	CP7855	2400	18 gauge	50	92	3.2	8 2/3 (220)	2 1/2 (1.1)	
THZ855	CP7901K	10,000	16 gauge	27	88	<2.5	10 1/2 (268)	1.9 (.86)	

Noise levels are at 1.0 m per Pneurop Standard 8N-1. Vibration levels are per ISO 8662-1.

*Standard equipment: saw blade, 24 teeth per in.

INDUSTRIAL IMPACT WRENCHES

- Heavy-duty
- More durable
- More serviceable



TBW274



TBW429



TG059



TG065

Model No.	Mfg. No.	Drive"	Socket Retainer	Clutch Type	Handle Style	Torque Working pi-lbs.	Torque max ft-lbs.	Air Consumption CFM*	Overall Length"	Side to Center"	Weight lbs.	Price /Each
3/4" DRIVE- 75-650 FT-LB												
TBW429	CP6060 SASAB	3/4	Hole	2-jaw	Pistol	650	1000	42	7.63	1.78	11.6	
TG059	CP9561	3/4	Hole	Pin	Pistol	500	750	30	8.5	1.535	11.1	
1"-1 1/2" DRIVE- 280-2400 FT-LB												
TBW274	CP0611 PASSED	1	Hole	2-jaw	D inside trigger	900-1800	2800	85	12.5	2.25	22.4	
TG065	CP0611P RS	1	Hole	2-jaw	Pistol	900	2800	48	10.7	1.811	23.1	

*Free speed

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories. Air inlet 1/4" NPT.



INDUSTRIAL ANGLE GRINDERS

- Powerful production tool
- Easy maintenance
- Lubricate only every 1000 hours
- Unequaled power to weight ratio



TCW014



TBW661



Model No.	Mfg. No.	Free Speed RPM	Wheel		Threaded Spindle	Power		Weight		Air Consumption				Air Inlet Thread"	Hose I.D."	Price /Each
			in.	Max. Capacity mm		HP	W	lbs.	kg	At Free Speed CFM	L/s	At Max Output CFM	L/s			
TCW014	CP3450-12AC4	12 000	4	100	3/8"-24	1.1	810	3.7	1.7	18	10	36	18	3/8	1/2	
TBW661	CP3450-12AB5	12 000	5	127	5/8"-11	1.1	810	6.3	2.9	18	14	36	18	1/2	1/2	

GRINDERS

MINI ANGLE DIE GRINDERS

For high-speed blending, smoothing, porting and deburring in confined areas.

- Compact, lightweight design
- Lock-off throttle
- 90° angle head
- Front exhaust
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG077



TG077

MINI DIE GRINDERS

For high-speed blending, smoothing, porting and deburring in confined areas.

- Compact, lightweight design
- Lock-off throttle
- Front exhaust
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG076



TG076

DIE GRINDERS & EXTENDED SPINDLE DIE GRINDERS

For die contouring and repair, weld cleaning, casting and forging cleanup, deburring, blending, and smoothing.

- 1/2 HP motor
- Square handle design
- Lock-off throttle
- Rear exhaust
- TG079 - 6" extended spindle
- 1/4" (NPTF) air inlet thread
- 3/8" min. hose size

Model No. TG078, TG079



TG078



Model No.	Mfg. No.	Collet Size		Spindle Thread"	Free Speed RPM	CFM	dBA	Vibration m/s ²	Overall Length		Net Weight		Price /Each
		in.	mm						in.	mm	lbs.	kg	
TG076	CP876	1/4	6	3/8"-24	28 000	16	101	2.5	4 3/4	119	3/4	0.3	
TG077	CP875	1/4	6	3/8"-24	21 000	16	101	2.5	4 7/8	123	1	0.5	
TG078	CP860	1/4	6	M10 x 1.25"	24 000	20	90	3.0	5 3/4	146	1 1/4	0.6	
TG079	CP860ES	1/4	6	M10 x 1.25"	24 000	20	90	3.0	11 3/4	298	2 1/10	0.95	

Noise levels are at 1.0 m per Pneuop Standard 8N-1. Vibration levels are per ISO 8662-1.

8 PIECE SOLID CARBIDE BURR SETS - 1/4" SHANK

Model No. BL445

Mfg. No. SC90801

Price/Each \$



CLARKSON OSBORN

KIT CONTAINS:

Trade No.	Head Dia."	Flute Length"
SA-5	1/2	1
SC-3	3/8	3/4
SC-5	1/2	1
SD-5	1/2	7/16
SE-3	3/8	3/4
SF-5	1/2	1
SG-3	3/8	3/4
SL-4	1/2	1 1/8



For
carbide
burrs,
please
see pages
975 - 976

DYNAFILE® ABRASIVE BELT MACHINES

- Replaces tedious hand filing and sanding
- Superior belt tracking and fast abrasive belt changes
- New composite quick-change housing cover reduces vibration and is thermal-insulated
- New belt housing has larger opening for belt tracking and operation
- Includes: Contact arm THZ336

DYNAFILE VERSATILITY KITS

TDY725 Dynaflex® with 5 contact arms, **THZ353**, **THZ354**, **THZ336**, **THZ337** & **THZ355** and abrasive belts in a durable case

Model No. TDY726

Mfg. No. 14010

Price/Each \$

Model No.

Mfg. No.

Abrasive Belt Size:

Air Flow Rate @ 90 PSI:

Sound Level:

Horsepower:

Free Speed:

Air Pressure:

Air Inlet Thread:

Hose Size (I.D.):

Max. SFPM:

Length:

Height:

Weight:

Price/Each:

TDY725

14000

1/8-1/2" W x 24" L
(3-13 mm x 610 mm)

31 SCFM

77 dB (A)

0.50 HP

20000 RPM

90 PSI

1/4 NPT

3/8" (10 mm)

5800 SFPM

14 3/5" (371 mm)

4" (102 mm)

3.1 lbs. (1.41 kg)

\$



TDY726 Versatility Kit



DYNAFILE® II ABRASIVE BELT MACHINES

- New lightweight composite housing reduces vibration and is thermal-insulated to prevent cold air transmission to the operator's hand. Grinding head pivots 360°
- Air motor easily converts to 1/4" die grinder or 1/4" drill
- Order collet and chuck separately

DYNAFILE II VERSATILITY KITS

Kit Includes: Dynaflex® II model **TDY737**, 3-contact arms (**THZ343**, **THZ341** & **THZ342**), 8-abrasive belts, 1/4" Collet for die grinder use and carrying case

Model No. TDY738

Mfg. No. 40321

Price/Each \$

Model No.

Mfg. No.

Abrasive Belt Size:

Air Flow Rate @ 90 PSI:

Sound Level:

Horsepower:

Free Speed:

Air Pressure:

Air Inlet Thread:

Hose Size (I.D.):

Max. SFPM:

Length:

Height:

Weight:

Price/Each:

TDY737

40320

1/4" - 3/4" W x 18"-24" L
(6-19 mm x 457-610 mm)

28 SCFM

80 dB (A)

0.50 HP

20000 RPM

90 PSI

1/4 NPT

3/8" (10 mm)

4550 SFPM

14 1/4" (362 mm)

4 7/8" (124 mm)

2.5 lbs. (1.14 kg)

\$



TDY738 Versatility Kit



ELECTRIC DYNAFILE® II ABRASIVE BELT MACHINES

- Runs coated-abrasive and non-woven nylon belts
- Ideal for grinding, deburring, blending, finishing and surface conditioning
- Tool includes model **THZ341** contact arm, for abrasive belts 1/2" wide by 18" long
- Tool accepts over 20 interchangeable contact arms
- Sanding head pivots 360°, for working in previously inaccessible areas
- Side handle included for operator comfort
- Handle is reversible for left or right hand use
- Tool is double-insulated for safety, includes electric cord 8 feet in length

Model No.

Mfg. No.

Abrasive Belt size:

Max. RPM:

Max. SFPM:

Length:

Height:

Weight:

Price/Each:

TDY744

40610

1/4" - 3/4" W x 18"-24" L
(6-19 mm x 457-610 mm)

11000 RPM

2520 SFPM

19" (445 mm)

5 1/2" (121 mm)

5 lbs. (2.1 kg)

\$



TDY745 Versatility Kit



ELECTRIC DYNAFILE II VERSATILITY KITS

- Includes model **TDY744** electric Dynaflex® II with model **THZ341** contact arm, and two additional arms models **THZ340** and **THZ342**, eight abrasive belts of various grits, and an assortment of platen pads
- All items contained in handy and durable carrying case

Model No. TDY745 Mfg. No. 40611 Price/Each \$

MINI-DYNAFILE® II ABRASIVE BELT MACHINES

- Pop-off guard for easy abrasive belt changes
- Multi-positioning grinding head pivots 360°
- Easy abrasive belt tracking with adjustment knob
- Strap polish, grind, deburr, enter narrow openings
- Materials: woodworking, metal, ceramics, composites, stainless steel, plastics, fiberglass, rubber, glass & stone

MINI-DYNAFILE II VERSATILITY KITS

- Kit includes: Mini-Dynaflex® model **TDY731**, 2 additional contact arms (models **THZ346** and **THZ356**), assorted belts, threaded collet insert and durable carrying case
- Multi-positioning grinding head pivots 180°
- Easy abrasive belt tracking with adjustment knob

Model No. TDY732

Mfg. No. 15006

Price/Each \$

Model No.

Mfg. No.

Abrasive Belt Size:

Air Flow Rate @ 90 PSI:

Sound Level:

Horsepower:

Free Speed:

Air Pressure:

Air Inlet Thread:

Hose Size (I.D.):

Max. SFPM:

Length:

Height:

Weight:

Price/Each:

TDY731

15003

1/8-1/2" W x 12" L
(3-13 mm x 305 mm)

20 SCFM

78 dB (A)

0.35 HP

25000 RPM

90 PSI

1/4 NPT

1/4" (6 mm)

4890 SFPM

10 3/4" (273 mm)

3 1/2" (89 mm)

1.8 lbs. (0.82 kg)

\$



TDY732 Versatility Kit



AIR TOOLS

DYNAFILE® III ABRASIVE BELT MACHINES

- Lightweight, ergonomic design for operator control & comfort
- Composite housing reduces vibration and is thermal-insulated to prevent cold air transmission to operator
- Grinding head pivots 360°

DYNAFILE III VERSATILITY KITS

- Composite housing reduces vibration and is thermal-insulated to prevent cold air transmission to operator.
- Grinding head pivots 360°
- Kit includes: Dynafile® III model TGY733, 3-Contact Arms models THZ348, THZ357 and THZ351, spare drive wheel, wrenches, hex keys, 6 abrasive belts and carrying case

Model No. TGY734 Mfg. No. 15302
Price/Each \$

Model No.
Mfg. No.
Abrasive Belt Size:

Air Flow Rate @ 90 PSI:
Sound Level:
Horsepower:
Free Speed:
Air Pressure:
Air Inlet Thread:
Hose Size (I.D.):
Max. SFPM:
Length:
Height:
Weight:
Price/Each:

TGY733
15300
1/4" - 1" W x 18" L
(6-25 mm x 457 mm)
32 SCFM
87 dB (A)
0.70 HP
20000 RPM
90 PSI
1/4 NPT
3/8" (10 mm)
4550 SFPM
14 1/4" (362 mm)
4 7/8" (124 mm)
2.5 lbs. (1.14 kg)
\$

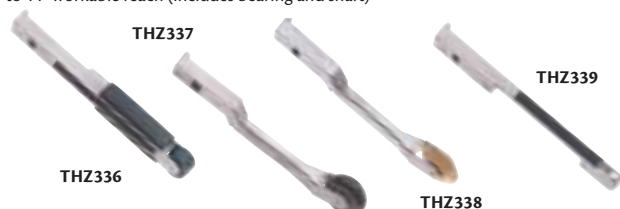


TGY734 Versatility Kit



DYNAFILE® CONTACT ARMS

4" to 14" workable reach (includes bearing and shaft)



Model No.	Mfg. No.	Description	Belt Size	Contact Wheel Ass.	Platen Pad	Price /Each
THZ336	11218	Standard Arm on TGY725	1/2" x 24"	11078 5/8" Dia. x 3/8" W, rubber	11025 1/2" W	
THZ337	11219	No platen due to off set design, Grind radiuses, slack polish, Offset for slack polishing	1/4", 5/16" or 2" x 24"	11080 1" Dia. x 3/8" wide, radius rubber	None	
THZ338	11232	For 1/8" wide belts, No platen due to offset design Grind corners, strap polish	1/8" or 1/4" x 24"	11086 1" Dia. x 3/8" W, tapered urethane	None	
THZ339	11215	Enter 1/2" x 1/2" openings	1/4" x 24"	11072 7/16" Dia. x 1/4" wide 1/8" wide, brass	11034	

DYNAFILE® III CONTACT ARMS

4" to 6 3/4" workable reach



Model No.	Mfg. No.	Description	Belt Size	Contact Wheel Ass.	Platen Pad	Price /Each
THZ348	15350	Reversible Arm - arm can be flipped to allow for platen sanding or strap polishing Standard with tool	1" x 18"	15349 90 durometer 2" Dia. x 1" W	15323 1" W	
THZ349	15351	Reversible Arm - arm can be flipped to allow for platen sanding or strap polishing	1" x 18"	15348 70 durometer 2" Dia. x 1" W	15323 1" W	
THZ350	15356	Reversible Arm - arm can be flipped to allow for platen sanding or strap polishing	1" x 18"	15346 40 durometer 2" Dia. x 5/8" W	15323 1" W	
THZ351	15357	Reversible Arm - arm can be flipped to allow for platen sanding or strap polishing "V" shape wheel	1" x 18"	15347 2" Dia. x 1" W	15323 1" W	
THZ352	15375	Great for strap polishing	1" x 24"	15348 70 durometer 2" Dia. x 1" W	None	

DYNAFILE® II CONTACT ARMS

For air and electric models - 4" to 17" workable reach



Model No.	Mfg. No.	Description	Belt Size	Contact Wheel Ass.	Platen Pad	Price /Each
THZ340	11202	Enter 5/16"x 3/4" openings	1/4" x 18"	11074 5/8" Dia. x 1/8" W, rubber	11032 1/4" W	
THZ341	11203	Standard on Models TGY742 and TGY744, Grind over contact wheel or platen	1/2" x 1/8"	11078 5/8" Dia. x 3/8" W, rubber	11025 1/2" W	
THZ342	11204	Unique offset design Strap polishing is easy with this arm	1/8", 1/4", 5/16" or 1/2" x 18"	11080 1" Dia. x 3/8" W, radiused rubber	None	
THZ343	11206	Standard on models TGY737 and TGY741	5/8" or 3/4" x 18"	11282 3/4" Dia. x 5/8" W, rubber	11109 3/4" W	
THZ344	11280	Grind corners, enter grooves, strap polish "V" shape wheel	1/8" or 1/4" x 18"	11086 1" Dia. x 3/8" W, urethane, tapered	None	

MINI-DYNAFILE® II CONTACT ARMS

3" workable reach



Model No.	Mfg. No.	Description	Belt Size	Contact Wheel Ass.	Platen Pad	Price /Each
THZ345	15026	Standard on model TGY731 Grind corners, enter grooves, strap polish	1/2" x 12" 5/8" Dia. x 3/8" W	11078 1/2" W rubber	11026	
THZ346	15028	No Platen due to offset design Grind radiuses, slack polish or Offset for slack polishing	1/4" x 5/16" 1/2" x 12"	11080 1" Dia. x 3/8" wide rubber	None	
THZ347	15029	Grind corners, enter grooves and strap polish	1/8" x 12"	11086 1" Dia. x 3/8" W urethane	None	

5" NON-VACUUM DYNORBITAL-SPIRIT® RANDOM ORBITAL SANDERS

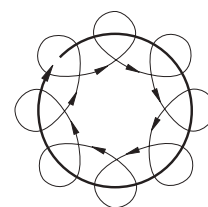
- Palm-style grip
- Colour-coded composite lever (identifies orbit size)
- Low sound levels
- One-piece speed control dial
- Custom engineered composite cylinder
- Double row balancer bearing keeps out contaminants
- Includes low profile, premium urethane, weight-mated, non-vac pad for use with PSA discs
- Can be converted easily to self-generated or central vac model for hook-up to dust collection system



Model No	TGY861	TGY852	TGY870
Mfg. No.	59020	59005	59035
Abrasive Information:	5" dia. discs (127 mm)	5" dia. discs (127 mm)	5" dia. discs (127 mm)
Pad Information:	5" dia. pad (127 mm)	5" dia. pad (127 mm)	5" dia. pad (127 mm)
Air Flow Rate @ 90 PSI:	14 SCFM	14 SCFM	14 SCFM
Sound Level:	80 dB (A)	82 Db (A)	79 dB (A)
Horsepower:	0.25 HP	0.25 HP	0.25 HP
Free Speed:	12 000 RPM	12 000 RPM	12 000 RPM
Air Pressure:	90 PSI	90 PSI	90 PSI
Air Inlet Thread:	1/4 NPT	1/4 NPT	1/4 NPT
Hose Size (I.D.):	1/4" (6 mm)	1/4" (6 mm)	1/4" (6 mm)
Orbit Diameter:	3/16" (4.8 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)
Tool Spindle Thread:	5/16"- 24 female	5/16"- 24 female	5/16"- 24 female
Length:	6 1/2" (165 mm)	6 1/2" (165 mm)	6 1/2" (165 mm)
Height:	3 1/2" (89 mm)	3 1/2" (89 mm)	3 1/2" (89 mm)
Weight:	1.4 lbs. (0.64 kg)	1.5 lbs. (0.68 kg)	1.4 lbs. (0.64 kg)
Price/Each	\$	\$	\$



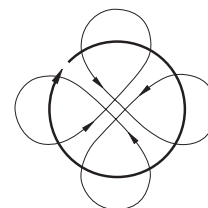
TGY861



3/16" (5 mm) dia. orbit
for general sanding



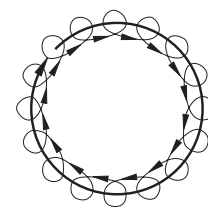
TGY852



3/8" (10 mm) dia. orbit
for aggressive sanding



TGY870



3/32" (2.5 mm) dia. orbit
for ultra-fine sanding

6" NON-VACUUM DYNORBITAL-SPIRIT™ RANDOM ORBITAL SANDERS

- Palm-style grip
- Colour-coded composite lever (identifies orbit size)
- Low sound levels
- One-piece speed control dial
- Custom engineered composite cylinder
- Double row balancer bearing keeps out contaminants
- Includes low profile, premium urethane, weight-mated, non-vac pad
- Can be converted easily to self-generated or central vac model for hook-up to dust collection system



Model No.	TGY855	TGY873
Mfg. No.	59010	59040
Abrasive Information:	6" dia. discs (152 mm)	6" dia. discs (152 mm)
Pad Information:	6" dia. pad (152 mm)	6" dia. pad (152 mm)
Air Flow Rate @ 90 PSI:	14 SCFM	14 SCFM
Sound Level:	80 dB (A)	80 dB (A)
Horsepower:	0.25 HP	0.25 HP
Free Speed:	12 000 RPM	12 000 RPM
Air Pressure:	90 PSI	90 PSI
Air Inlet Thread:	1/4 NPT	1/4 NPT
Hose Size (I.D.):	1/4" (6 mm)	1/4" (6 mm)
Orbit Diameter:	3/8" (9.5 mm)	3/32" (2.4 mm)
Tool Spindle Thread:	5/16"- 24 female	5/16"- 24 female
Length:	7" (178 mm)	7" (178 mm)
Height:	3 1/2" (89 mm)	3 1/2" (89 mm)
Weight:	1.6 lbs. (0.73 kg)	1.5 lbs. (0.68 kg)
Price/Each	\$	\$





3 1/2" NON-VACUUM DYNORBITAL-SPIRIT™ RANDOM ORBITAL SANDERS

- Replaceable drop-in motor
- Palm-style grip; colour coded composite lever (identifies orbit size)
- Low sound levels
- One-piece speed control dial
- Custom engineered composite cylinder; double row balancer bearing keeps out contaminants
- Includes low profile, premium urethane, weight-mated, non-vac pad
- Can be converted easily to self-generated or central vac model for hook-up to dust collection system



Model No.	TGY858
Mfg. No.	59015
Abrasive Information:	3 1/2" (89 mm) dia. discs
Pad Information:	3 1/2" (89 mm) dia. pad
Air Flow Rate @ 90 PSI:	16 SCFM
Sound Level:	73 dB (A)
Horsepower:	0.25 HP
Free Speed:	12 000 RPM
Air Pressure:	90 PSI
Air Inlet Thread:	1/4 NPT
Hose Size (I.D.):	1/4" (6 mm)
Orbit Diameter:	3/16" (4.8 mm)
Tool Spindle Thread:	5/16"- 24 female
Length:	6" (152 mm)
Height:	3 1/2" (89 mm)
Weight:	1.4 lbs. (0.64 kg)
Price/Each:	\$



3 1/2" NON-VACUUM DYNORBITAL® SUPREME RANDOM ORBITAL SANDERS

- Includes low profile, premium urethane, weight-mated, non-vac pad for use with PSA discs
- Can be converted easily to self-generated vac model for hook-up to dust collection system
- Random circular & elliptical motion produces superior finishes



Model No.	TGY810
Mfg. No.	56800
Abrasive Information:	3 1/2" (89 mm) dia. discs
Pad Information:	3 1/2" (89 mm) dia.
Length:	6" 152 mm
Height:	3 3/4" (95 mm)
Weight:	2.1 lbs. (0.95 kg)
Air Flow Rate @ 90 PSI:	18 SCFM
Sound Level:	76 dB(A)
Horsepower:	0.24 HP
Free Speed:	12 000 RPM
Air Pressure:	90 PSI
Air Inlet Thread:	1/4 NPT
Hose Size (I.D.):	1/4" (6 mm)
Orbit Diameter:	3/16" (4.8 mm)
Tool Spindle Thread:	5/16"- 24 female
Price/Each:	\$



5" & 6" NON-VACUUM DYNORBITAL® SUPREME RANDOM ORBITAL SANDERS

- Can be converted easily to self-generated vac model for hook-up to dust collection system
- Random circular & elliptical motion produces superior finishes
- Includes low profile, premium urethane, weight-mated, non-vac pad



Model No.	TGY813	TGY816
Mfg. No.	56815	56826
Abrasive Information:	5" (127 mm) dia. discs	6" (152 mm) dia. discs
Pad Information:	5" (127 mm) dia.	6" (152 mm) dia.
Air Flow Rate @ 90 PSI:	18 SCFM	18 SCFM
Sound Level:	79 dB (A)	79 dB (A)
Horsepower:	0.28 HP	0.24 HP
Free Speed:	12 000 RPM	12 000 RPM
Air Pressure:	90 PSI	90 PSI
Air Inlet Thread:	1/4 NPT	1/4 NPT
Hose Size (I.D.):	1/4" (6 mm)	1/4" (6 mm)
Orbit Diameter:	3/16" (4.8 mm)	3/16" (4.8 mm)
Tool Spindle Thread:	5/16"- 24 female	5/16"- 24 female
Length:	6 1/2" (165 mm)	7" (178 mm)
Height:	3 5/8" (92 mm)	3 1/2" (89 mm)
Weight:	2.1 lbs. (0.95 kg)	2.2 lbs. (1 kg)
Price/Each	\$	\$



AIR LINE CONNECTORS

- Swivels 360° at two pivot points allowing the air hose to drop directly to the floor while providing superb tool handling



THZ359



THZ360



THZ361



COMPOSITE DYNASWIVEL AIR LINE CONNECTORS

Model No.	THZ359
Mfg. No.	94300
Thread Size:	1/4" NPT
Weight:	2.15 oz. (0.06 kg)
Air Flow Range:	Up to 33 SCFM
Maximum Air Pressure:	150 PSI
Price/Each:	\$

1/4" NPT HEAVY-DUTY DYNASWIVEL AIR LINE CONNECTORS

Model No.	THZ361
Mfg. No.	95460
Air Inlet Thread Size:	1/4" NPT
Air Flow Range:	Up to 25 SCFM
Maximum Air Pressure:	150 PSI
Weight:	0.20 lbs. (0.09 kg)
Price/Each:	\$

COMPOSITE FLOW CONTROL DYNASWIVEL AIR LINE CONNECTORS

Model No.	THZ360
Mfg. No.	94407
Thread Size:	1/4" NPT
Air Flow Range:	Up to 46 SCFM
Maximum Air Pressure:	150 PSI
Weight:	2.4 oz. (0.08 kg)
Price/Each:	\$

DYNASTRAIGHT® AIR POWERED ABRASIVE FINISHING TOOLS

- Ideal set-up for Dynacushion® wheel (not included)
- Threaded arbor (5/8" -11) for exclusive use with Dynacushion® pneumatic wheel
- Shown with optional pneumatic wheel

Model No. TGY774
Mfg. No. 13505
Abrasive Information: 15-1/2" long x 3-1/2" wide Dynacushion® belts (394 mm x 89 mm)
Air Flow Rate @ 90 PSI: 44 SCFM
Sound Level: 88 dB (A)
Horsepower: 1.00 HP
Free Speed: 3400 RPM
Air Pressure: 90 PSI
Air Inlet Thread: 3/8 NPT
Hose Size (I.D.): 3/8" (10 mm)
Threaded Arbor: 5/8" - 11 male
Tool Spindle Thread: 1/2" - 20 male
Length: 14 7/8" (378 mm)
Height: 1 7/8" (48 mm)
Weight: 4 lbs. (1.82 kg)
Price/Each: \$



DYNISHER® FINISHING TOOLS

- Excellent for blending and finishing stainless steel and most other metals, leaving an in-line pattern
- Includes: 3/4" dia. arbor for mounting a variety of abrasives & accessories
- Shown with optional Dynacushion® pneumatic wheel not included

Model No TGY767
Mfg. No. 13450
Abrasive Information: 3-1/2" (84 mm) x 15-1/2" (394 mm) abrasive belts 4" dia. (102 mm) Abrasive flap wheels 4" (102 mm) dia. conditioning discs
Air Flow Rate @ 90 PSI: 42 SCFM
Sound Level: 80 dB (A)
Horsepower: 1.00 HP
Free Speed: 2800 RPM
Air Pressure: 90 PSI
Air Inlet Thread: 3/8 NPT
Hose Size (I.D.): 3/8" (10 mm)
Max. SFPM: 3665 SFPM
Arbor Information: 3/4" x 2 5/16" (19 mm x 59.5 mm)
Length: 15" (381 mm)
Height: 7" (178 mm)
Weight: 5.7 lbs. (2.59 kg)
Price/Each: \$



DIE GRINDERS STRAIGHT & OFFSET (7°)

- Gearless motor reduces downtime and lessens repair expense compared to geared tools
- Governor-controlled to maintain RPM under heavy load
- Lightweight thermal-insulated housing reduces cold air transmission and vibration to the operator



TGZ073



Model No.	TGZ172	TGZ174	TGZ175	TGZ073
Mfg. No.	52666	52668	52669	48205
Head type	Straight	Straight	Straight	7°
Collet Insert Size:	1/4"	1/4"	1/4"	1/4"
Free Speed (RPM):	12 000	18 000	20 000	25 000
HP (W):	1.0 (746)	1.0 (746)	1.0 (746)	0.4 (224)
Motor Characteristic:	Gearless	Gearless	Gearless	Gearless
Exhaust Type:	Rear	Rear	Rear	Rear
Wt. lbs.:	2.3	2.4	2.4	1.5
Price/Each:				

4" LIGHTWEIGHT DYNINGER® FINISHING TOOLS (1/4" COLLET)

- Mount 4" dia. spindle-mount dry-cut sanding stars with 1/4" shank. Order stars separately
- Tool includes air-flow control Dynaswivel® fitting for maximum tool manoeuvrability and control
- Eliminates raised grain and removes loose fibres when whitewood sanding as well as scuffing sealer coats

Model No TGY792
Mfg. No. 52050
Abrasive Information: -
Order Separately: 3/4", 1", 1-1/2", 2", 3", & 4", dia. sanding stars (19, 25, 38, 51, 76, & 102 mm)
Air Flow Rate @ 90 PSI: 21 SCFM
Sound Level: 81 dB (A)
Horsepower: 0.40 HP
Free Speed: 0 to 3200 RPM
Air Pressure: 90 PSI
Air Inlet Thread: 1/4 NPT
Hose Size (I.D.): 1/4" (6 mm)
Max. SFPM: 3350 SFPM
Tool Spindle Thread: 3/8"-24 male
Length: 8 3/4" (222 mm)
Height Diameter: 2 3/8" (60 mm)
Weight: 2.2 lbs. (1 kg)
Price/Each: \$



PENCIL GRINDERS 60 000 RPM

- High-speed air motor, controlled with patented governor, provides constant speed under load
- Precision, high-tolerance, low run-out collet. Run-out is a true 0.0002 @ 1" (25 mm) from face
- Super flexible hose for maximum agility

Model No. TGZ034
Mfg. No. 51700
Collet Insert Size: 1/8"
Air Flow Rate @ 90 PSI: 8 SCFM
Sound Level: 66 dB(A)
Motor Characteristic: Oil-Less Turbine
Free Speed: 60 000 RPM
Bearing Type: Metal
Exhaust Type: Rear
Weight: 0.6 lbs.
Packaged Weight: 1.6 lbs.
Price/Each: \$



ELECTRIC DYNISHER® FINISHING TOOLS

- 3/4" (19 mm) dia. arbor; pneumatic tire and abrasive sold separately
- Variable speed On/Off switch
- 5/8" - 11 spindle and 3/4" arbor

Model No THZ358
Mfg. No. 51585
Max. RPM: 0-3000 RPM
Voltage: 120 V (AC) Phase: 1
Current: 11 A, 60 Hz Frequency
Length: 17" (468 mm)
Height: 8" (468 mm)
Weight: 9.5 lbs. (3.8 kg)
Price/Each: \$





DYNISHER® FINISHING TOOL VERSATILITY KITS

- Excellent for blending and finishing stainless steel and most other metals, leaving an in-line pattern
- Includes: 3/4" dia. Arbor for mounting a variety of abrasives & accessories
- Shown with optional Dynacushion® pneumatic wheel, not included



Model No TGY768
Mfg. No. 13460
Abrasive Information: 3 1/2" (84 mm) x 15-1/2" (394 mm) Abrasive belts. 4" (102 mm) dia. Abrasive flap wheels. 4" (102 mm) dia. conditioning discs
Air Flow Rate @ 90 PSI: 41 SCFM
Sound Level: 84 dB (A)
Horsepower: 1.00 HP
Free Speed: 2800 RPM
Air Pressure: 90 PSI
Air Inlet Thread: 3/8 NPT
Hose Size (I.D.): 3/8" (10 mm)
Max. SFPM: 3665 SFPM
Arbor Information: 3/4" x 2 5/16" (19 mm x 59.5 mm)
Length: 15" (381 mm)
Height: 7" (178 mm)
Weight: 5.7 lbs. (2.59 kg)
Price/Each: \$



3" 7 DEGREE OFFSET ROTARY BUFFER

Model No. TGY961
Mfg. No. 51401
Air Consumption: 24 CFM
Sound Level (dBA): 75
No Load RPM: 5000
Diameter of Pad: 3"
Power HP: 0.4
Hose Size (I.D.): 3/8"
Tool Spindle Thread: 3/8"-24 Male
Length: 8.75"
Height: 4.25"
Weight: 1.716 lbs.
Price/Each: \$



3" 7 DEGREE OFFSET DISC SANDER

- Removable side handle
- Includes Locking-Type Pad (3" diameter)

Model No. TGZ137
Mfg. No. 52412
Air Consumption: 36 CFM
Sound Level (dBA): 90
No Load RPM: 20000
Diameter of Pad: 3"
Power HP: 0.7
Hose Size (I.D.): 3/8"
Tool Spindle Thread: 3/8"-24 Male
Length: 6"
Height: 5.5"
Weight: 2.2 lbs.
Price/Each: \$



CLECO® HERITAGE 236 SERIES - INLINE GRINDERS

- Abrasive capacity: 1" carbide burr or 2" wheel
- Engineered for heavy duty applications in the most demanding environment
- Robust and efficient 0.9 HP (0.7 kw) motor
- Lightweight and rugged alloy housing
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air consumption: 16 CFM
- Air inlet: 1/4"
- Collet size: 1/4"



TYM407

CLECO® HERITAGE 25 SERIES - EXTENDED GRINDERS

- Powerful 1.4 HP (1.0 kw) motor
- Lightweight and rugged alloy housing
- Engineered for heavy duty applications in the most demanding environment
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air consumption: 16 CFM
- Air inlet: 3/8"
- Tool length: 14.4"



TYM439



Model No.	Mfg. No.	Exhaust Location	Tool Length"	No Load RPM	Price /Each
TYM407	236GLF-250-C4	Front	6.8	25 000	
TYM421	236GLR-250-C4	Rear	7.4	25 000	
TYM430	236GLS-240-C4	Side	6.8	24 000	



Model No.	Mfg. No.	Abrasive Capacity	Collet Size"	No Load RPM	Price /Each
TYM442	25GELC-180-C4	1" Carbide Burr or 2" Wheel	1/4	18 000	
TYM440	25GELC-140-P3T	1.25" Cone or Plug Wheel	3/8	14 000	
TYM439	25GELC-120-W3T4	4" Type 1	3/8	12 000	

CLECO® 19 SERIES - STALL SCREWDRIVERS

- Tool weight: 1.16 lbs.
- Tool length: 5.9"
- Free speed: 1100 RPM
- Max Torque: 40 in.-lbs.
- Engineered for heavy duty applications in the most demanding environment
- Adjustable reverse lever for true one-hand - left-handed or right-handed - operation
- Trigger start
- "P" handle style
- Interchangeable soft-touch grip sizes
- Air consumption: 11 CFM
- Air inlet: 1/4"
- Sound level (dBA): 80
- Chuck Size: 1/4"
- Chuck Type: Keyless

Model No. TYN249
Mfg. No. 19PTS04Q
Price/Each \$

Cleco®



CLECO® 19 SERIES - PISTOL GRIP SCREWDRIVERS W/ADJUSTABLE TORQUE SETTINGS

- Tool weight: 1.41 lbs.
- Tool length: 8.0"
- Free speed: 1100 RPM
- Max Torque: 40 in.-lbs.
- Engineered for heavy duty applications in the most demanding environment
- Class-leading accuracy and repeatability
- Adjustable reverse lever for true one-hand - left-handed or right-handed - operation
- "P" handle style
- Interchangeable soft-touch grip sizes
- Trigger and Push & Trigger start
- External torque adjustment from 10 - 40 in.-lbs.
- Air consumption: 11 CFM
- Air inlet: 1/4"
- Sound level (dBA): 80
- Chuck Size: 1/4"
- Chuck Type: Keyless

Model No. TYN248
Mfg. No. 19PTA04Q
Price/Each \$

Cleco®



CLECO® RIGHT ANGLE GRINDERS

- Compact, yet powerful motor
- Reversible safety lever throttle
- Dual auxiliary handle positions
- Maximum material removal for a right angle grinder
- Streamlined all metal housing
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air consumption: 15 CFM
- Air inlet: 1/2"
- No load RPM: 12 000

Cleco®

Model No.	Mfg. No.	Wheel Size"	Spindle Size	Motor Power HP	Price /Each
1660 SERIES					
TYM371	1660AGL-04	4	3/8"	1.6	
TYM374	1660AGL-45	4 1/2	5/8"	1.6	
TYM372	1660AGL-05	5	5/8"	1.6	
TYM373	1660AGL-05-M14	5	M14	1.6	
2260 SERIES					
TYM396	2260AGL-06	6	5/8"	2.2	
TYM397	2260AGL-07	7	5/8"	2.2	



CLECO® CWC PREMIUM COMPOSITE SERIES - IMPACT WRENCHES

- The ultimate balance of performance, ergonomics and durability
- Composite housing with a high output motor that delivers a maximum power-to-weight ratio
- On hand push button forward/reverse with variable speed trigger, dial speed settings
- Twin hammer impact mechanism

Cleco®

Model No.	Mfg. No.	Air Consumption CFM	Retainer Type	Drive"	Impacts Per Minute	Free Speed RPM	Max Torque ft.-lbs.	Price /Each
TYN508	CWC-250QC	2.7	Quick Change Chuck	1/4	1200	13 000	50	
TYN507	CWC-250R	2.7	Ring	1/4	1200	13 000	50	
TYN501	CWC-375R	5.3	Ring	3/8	1600	10 000	450	
TYN503	CWC-375P	5.3	Pin	3/8	1600	10 000	450	
TYN509	CWC-500R	5.7	Ring	1/2	1250	8000	800	
TYN512	CWC-500P	5.7	Pin	1/2	1250	8000	800	
TYN511	CWC-500RE	5.7	Ring*	1/2	1250	8000	800	
TYN514	CWC-500PE	5.7	Pin*	1/2	1250	8000	800	
TYN505	CWC-750P	9.7	Pin	3/4	1200	6500	1400	

*Extended anvil



TYN507

CLECO® CWM PREMIUM METAL SERIES - IMPACT WRENCHES

- Engineered for heavy duty applications in the most demanding environment
- Rugged all-metal construction
- Withstands heavy abuse with twin impact mechanism
- Large lever forward/reverse and speed settings with variable speed trigger
- Soft touch grip protects against slip, temperature and vibration

Cleco®

Model No.	Mfg. No.	Air Consumption CFM	Retainer Type	Drive"	Impacts Per Minute	Free Speed RPM	Max Torque ft.-lbs.	Price /Each
TYN496	CWM-375R	3.8	Ring	3/8	1400	12 000	340	
TYN497	CWM-375P	3.8	Pin	3/8	1400	12 000	340	
TYN499	CWM-500R	5.6	Ring	1/2	1200	9000	850	
TYN500	CWM-500P	5.6	Pin	1/2	1200	9000	850	
TYN498	CWM-750P	7.6	Pin	3/4	1200	6000	1350	



TYN499

DOTCO® 15LF SERIES - RIGHT ANGLE DRILLS

- Tool weight: 1.7 lbs.
- Tool length: 11.0"
- Motor power: 0.4 HP (0.30 kW)
- Engineered for heavy duty applications in the most demanding environment
- Reinforced angle head for added durability
- Comfortable and ergonomic handle
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air consumption: 22 CFM
- Air inlet: 1/4"
- Sound level (dBA): 80
- Chuck Size: 1/4"
- No load RPM: 3700

Model No. TYM161
Mfg. No. 15LF281-52
Price/Each \$

DOTCO®



AIR TOOLS

DOTCO® 12-10 SERIES - INLINE COLLET GRINDERS

- Tool weight: 0.8 lbs.
- Tool length: 6.0"
- Motor power: 0.3 HP (0.22 kW)
- Abrasive capacity: 1/2" carbide burr or 1" mounted wheel
- Durable and ergonomic composite housing
- Compact size for ultimate control - easy access to confined areas
- Ideal for die and mold work as well as deburring
- Standard equipped with lock-off lever
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air consumption: 16 CFM
- Air inlet: 1/4"
- Sound level (dBA): 81
- Collet size: 1/4"
- No load RPM: 25 000

DOTCO®

Model No.	Mfg. No.	Exhaust Location	Price /Each
TYL601	12L1003-36	Front	
TYL620	12L1082-36	Rear	



DOTCO® 12-25 SERIES - INLINE COLLET GRINDERS

- Tool weight: 1.8 lbs.
- Tool length: 7.3"
- Motor power: 0.9 HP (0.67 kW)
- Abrasive capacity: 1" carbide burr or 1.5" mounted wheel
- Ergonomic composite housing
- High power-to-weight ratio for optimal productivity
- Ideal for die and mold work as well as deburring
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air Consumption: 38 CFM
- Air Inlet: 1/4"
- Sound Level (dBA): 81
- Collet Size: 1/4"

DOTCO®

Model No.	Mfg. No.	Exhaust Location	No Load RPM	Price /Each
TYL718	12L2500-01	Front	23 000	
TYL741	12L2582-01	Rear	18 000	



DOTCO® 12LF SERIES - RIGHT ANGLE GRINDERS

- Tool weight: 1.1 lbs.
- Tool length: 6.6"
- Motor power: 0.4 HP (0.29 kW)
- Abrasive capacity: 1/2" carbide burr or 1" mounted wheel
- Ergonomic composite housing
- Ergonomic and balanced design minimizes operator fatigue
- Engineered for heavy duty applications in the most demanding environment
- Suitable for wide range of finishing and deburring applications
- Performance rated @ 90 PSI / 620 kPa air pressure
- Air inlet: 1/4"
- Sound level (dBA): 79
- Collet size: 1/4"

DOTCO®

Model No.	Mfg. No.	Air Consumption CFM	Exhaust Location	No Load RPM	Price /Each
TYL839	12LF201-36	9	Front	20 000	
TYL847	12LF280-36	11	Rear	12 000	



DOTCO® 10-90 SERIES - PRECISION TURBINE GRINDERS

- Tool weight: 0.5 lbs.
- Tool length: 5.4"
- Motor power: 0.06 HP (0.044 kW)
- Requires no air line lubrication - High precision ball bearings for long life expectancy
- Two-stage turbine motor with roll throttle
- Achieves a superb finish with its high speed and precision spindle
- Lightweight and durable aluminum housing
- Low vibration and quiet operation minimizes operator fatigue
- CAUTION: Use dry air at 90 PSI maximum: Do not lubricate turbine grinders. Lubrication will be detrimental to the operation and life of turbine tools
- Air consumption: 6 CFM
- Air inlet: 1/8"
- Sound level (dBA): 75
- Collet size: 1/8"
- No load RPM: 100 000

Model No. TYL572
Mfg. No. 10R9000-08
Price/Each \$

DOTCO®



DOTCO® 15Z SERIES - AIR MARKING PEN

- Tool weight: 0.3 lbs.
- Tool length: 5.5"
- Free speed: 20 000 RPM
- Abrasive capacity: 1/8" stylus
- Motor power: 0.06 HP (0.044 kW)
- Sliding sleeve throttle
- Ideal for marking a variety of materials, ranging from aluminum to titanium
- Carbide tipped stylus
- Engineered for heavy duty applications in the most demanding environment
- Air consumption: 9 CFM
- Air inlet: 1/4"
- Sound level (dBA): 80

Model No. TYN251
Mfg. No. 15Z-710
Price/Each \$

DOTCO®



DOTCO® NON REVERSIBLE DRILLS

- Equipped with Jacobs® geared chuck and chuck key
- Ergonomically critical finger and thumb guides for the hand to aid control
- Excellent for aerospace, metal fabrication, and wood working application
- Performance rated @ 90 PSI / 620 kPa air pressure
- Drill diameter capacity matches chuck size
- Air consumption: 38 CFM
- Air inlet: 1/4"
- Sound level (dBA): 80
- Chuck Type: Keyed



DOTCO®

Model No.	Mfg. No.	Motor Power	Chuck Size"	Free Speed RPM	Price /Each
14CS SERIES					
TYM084	14CSL92-38	0.6 HP (0.67 kW)	1/4	3200	
TYM088	14CSL95-51	0.6 HP (0.67 kW)	3/8	1300	
14CF SERIES					
TYM017	14CF591-51	0.4 HP (0.30 kW)	3/8	5200	
TYM021	12CF592-51	0.4 HP (0.30 kW)	3/8	3800	

DOTCO® 10-04 SERIES - PRECISION PENCIL GRINDERS

- Tool weight: 0.2 lbs.
- Tool length: 5.8"
- Motor power: 0.1 HP (0.074 kW)
- Industrial bearing provides long life expectancy
- Designed for precision deburring and metal removal
- Compact and light aluminum weight housing
- Roll throttle equipped
- Tool requires lubricated airline at 90 PSI maximum
- Air consumption: 9 CFM
- Air inlet: 1/8"
- Sound level (dBA): 78
- Collet size: 1/8"
- No load RPM: 60 000

Model No. TYL565
Mfg. No. 10R0401-18
Price/Each \$

DOTCO®



TIRE PRESSURE GAUGES

TOPRING

All pencil gauges have a precision engineered brass chuck to assure gauge fits squarely on the valve. This prevents air leakage and guarantees accurate pressure readings. All gauges have a permanent deflating pin to release excessive air.

STANDARD TIRE GAUGES (NYLON BAR PENCIL TYPE)

- Double calibration
PSI: 5 to 50
- kPa: 50 to 350
- Ideal for automobile and light trucks

Model No. TA888
Mfg. No. 63.400C
Price/Each \$



HIGH PRESSURE TIRE GAUGES (NYLON BAR PENCIL TYPE)

- Double calibration
PSI: 10 to 120
- kPa: 90 to 820
- For high pressure bicycle and motorcycle tires

Model No. TA889
Mfg. No. 63.410C
Price/Each \$



TIRE PRESSURE GAUGES - DUAL WHEEL TYPE

TOPRING

All dual-wheel truck tire gauges have precision-engineered brass chuck guides to assure gauge fits squarely on the valve. This prevents air leakage and guarantees accurate pressure reading.

PISTOL GRIP DIAL INFLATOR GAUGES

- Large 2.5" dial for accurate reading 0-90 PSI
- Nitrogen compatible
- 15" rubber hose
- 1/4 (M) NPT Air Inlet



DUAL FOOT TIRE GAUGES (ALUMINUM BAR)

- Double calibration
- PSI: 10 to 160
- Kg: 1 to 11

Model No. TNB064
Mfg. No. 63.545C
Price/Each \$



DUAL STRAIGHT CHUCK TIRE GAUGES (NYLON BAR)

- Straight-on chuck head with a 30° reverse angle for tandem wheels
- PSI: 10 to 150
- kPa: 100 to 1000

Model No. TNB063
Mfg. No. 63.570C
Price/Each \$



Model No.	Mfg. No.	Description	Price/Each
TNB060	63.710	Dual Foot Air Chuck	
BC317	63.711	Clip-On Air Chuck	

PROFESSIONAL DIAL TIRE GAUGES

- Large 3.5" dial for accurate reading 10-170 PSI
- 20" rubber hose
- Nitrogen compatible
- Swivel clip-on air chuck

Model No. BU129
Mfg. No. 63.585C
Price/Each \$



PROFESSIONAL INFLATOR GAUGES

- Large 3.5" dial for accurate reading 0-90 PSI
- Nitrogen compatible
- 39" rubber hose
- Air inlet 1/4 (M) NPT

Model No. TNB058
Mfg. No. 63.691
Price/Each \$



AIRPRO INFLATOR GAUGES

- Large 2.5" dial for accurate reading 0-174 PSI
- Three functions: inflation, deflation and pressure measurement
- Nitrogen compatible
- 72" rubber hose
- Air inlet 1/4 (F) NPT
- Includes two interchangeable chucks

Model No. BU133
Mfg. No. 63.651
Price/Each \$



PROFESSIONAL INFLATOR GAUGES FOR HEAVY VEHICLES

- Designed for heavy vehicles
- Large 3.5" dial for accurate reading 0-170 PSI
- Nitrogen compatible
- 78" rubber hose
- Air inlet 1/4 (M) NPT

Model No. TNB059
Mfg. No. 63.692
Price/Each \$



TOPRING

DIGITAL PISTOL GRIP DIAL INFLATOR GAUGES

- Large 3.5" dial with LCD display for reading from 0-218 PSI
- Four pressure reading measures PSI, BAR, KFG and KPA
- Nitrogen compatible
- 39" rubber hose
- Air inlet 1/4 (F) NPT

Model No. TNB061
Mfg. No. 63.661
Price/Each \$



INFLATOR GAUGES

- Easy to read 2" dial from 10-220 PSI
- Nitrogen compatible
- 12" rubber hose
- Air inlet 1/4 (F) NPT
- With clip-on chuck

Model No. TNB472
Mfg. No. 63.659C
Price/Each \$



STANDARD AIR CHUCKS

For regular live air lines. These chucks have a built-in shutoff valve and will not work on inflator gauges.

LOCK-ON AIR CHUCKS (CLOSED)

- Firmly locks onto valve when pushed forward
- 1/4" (F) NPT

Model No. TA877
Mfg. No. 63.100C
Price/Each \$



DUAL FOOT AIR CHUCKS

- 1/4" (F) NPT
- 6" long

Model No. TA881
Mfg. No. 63.140C
Price/Each \$



DUAL FOOT AIR CHUCKS

- For hard-to-reach valves
- 1/4" (F) NPT
- 13" long

Model No. TA882
Mfg. No. 63.150C
Price/Each \$



TILT LOCK DUAL FOOT AIR CHUCKS (CLOSED)

- Straight-on chuck with threaded, deep wheel lock nuts which lock onto valve mouth when tilted
- 6" and 1/4 (F) NPT
- 14" and 1/4 (F) NPT (extended TA884)

Model No. TA883
Mfg. No. 63.160C
Price/Each \$

Model No. TA884
Mfg. No. 63.170
Price/Each \$



HEX BALL FOOT AIR CHUCKS

- 3/4" hex
- 1/4" (F) NPT

Model No. TA879
Mfg. No. 63.130C
Price/Each \$



TOPRING

AIR TOOLS & ACCESSORIES

LIQUID TRANSFER & CLEAN-UP SYSTEMS

Ideally suited for recovering a wide variety of wet materials such as: coolants, hydraulic oils, non-flammable liquids, sludge and wet chips, waste water.

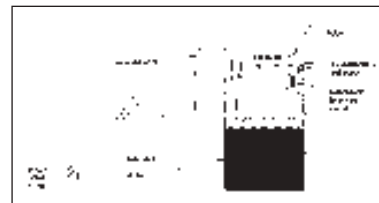
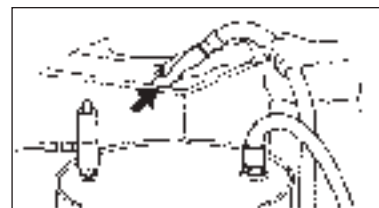
- Collects high viscosity liquids with efficiency
- Transforms an ordinary 205L drum into a powerful liquid vacuum cleaner; a simple two-way air control valve and 80-100 PSI air pressure allows pumping to a sealed drum
- Larger tank (205L) capacity than industrial shop vacuums
- Safe in wet areas, no electricity; eliminates the risk of electric shocks often associated with electric pumps
- Eliminates double handling of toxic materials and emptying of vacuum container
- Eliminates need for cloth and granular absorbents and their disposal problems
- Easy to clean; the pump can be completely disassembled
- Easily switches from vacuum mode, filling the container, to empty mode by turning the dial on top of the unit
- Instant On/Off control from air valve
- Automatic float valve to prevent overfilling
- Includes: pump unit, 10' vacuum hose with tapered PVC couplings, tapered PVC drum adaptor, extension tubes, crevice tool, skimmer tool, and squeegee
- Drum not included

Model No TG142 Vacuum and transfer system
Mfg. No. 67.400
Price/Each \$



TG143

TG142
Drum not included



SPARE PARTS

Model No.	Mfg. No.	Description	Price/Each
TG143	67.410	Vacuum/pump unit	
TG144	67.415	10' Vacuum Hose	
TG145	67.420	Squeegee	
TG146	67.425	19" extension tube	

Model No.	Mfg. No.	Description	Price/Each
TG147	67.430	Male drum adaptor 2"	
TG148	67.435	Crevice tool	
TG149	67.440	Round brush	
TG150	67.445	Skimmer	

TOPRING

QUIKVAC AIR VACUUM & BLOW GUN

- Provides the operator with both a vacuum and a blow gun in a hand held, easy to use model
- A low cost solution to a wide variety of industrial applications
- Compact, lightweight and easy to use
- The trigger switch is used for on/off
- Different size vacuum accessories fit all jobs
- No maintenance-no moving parts
- 1/4 (F) NPT inlet and operates at 90 PSI

Model No. TNB066
Mfg. No. 67.200
Price/Each \$



TOPRING

GUNVAC VACUUM GUN KITS

- Powerful and quiet
- Unique Venturi Jet creates a powerful vortex which multiplies input air flow more than 12-fold
- Lightweight, easy to use with comfortable grip
- Safe and efficient-no need for electricity
- Reusable collector bag with rear deflector to extend bag's lifespan
- 1/4 (F) NPT inlet and working pressure 60 to 125 PSI
- Includes: reusable collector bag, 40 cm flexible hose, dust brush, crevice tool

Model No. TG151
Mfg. No. 67.050
Price/Each \$



TOPRING

GUN-VAC VACUUM UNITS

The most powerful pneumatic Gun-Vac available and it handles like a blow gun. Vacuums metal chips, debris, sawdust, pellets, trimmings, and crumbs instead of blowing them. Sumps can be drained by removing the bag and connecting vac to a drum with a hose. It has no electrical fields or wires. Kit comes complete with 9" crevice tool. Constructed of rugged aluminum, it has a 1/4" NPT inlet and operates at 80-160 PSI. Tapered vacuum inlet accepts all standard 1-1/4" vac accessories.

Model No. TB155
Mfg. No. 1500
Price/Each \$

GUARDAIR





ZENITH
Safety Products

**Rain or shine...
for affordable
quality safety
products,
ZENITH is your
ideal choice!**

AIR BLOW GUNS

- Contoured body fits comfortably in the operators hand and made to protect the palm of the hand against the connection fittings
- Curved tip 5" long
- 1/4" (F) - 18 NPT Air Inlet

Model No. TLZ146
Price/Each \$



aurora tools®

HEAVY-DUTY AIR BLOW GUN, 7-PC. KITS

- Impact and weather resistant nylon body
- Ergonomic soft rubber grip
- Variable speed trigger controls the amount of air dispensed
- Brass threaded air inlet ensures that threads do not shear
- Silent operation with noise level under 80 dB
- 1/4" (F) - 18 NPT air inlet
- Maximum working pressure: 235 PSI
- Operating temperature: -10° C to 70° C

INCLUDED IN THE KIT:

- Heavy-duty safety blow gun w/ 1/2" long S.S. nozzle
- 4" protective shield provides safety from projectiles
- Soft rubber star tip nozzle for use on delicate materials
- Venturi nozzle for turbo charging output
- 1/2" rubber tip for blowing out lines and cavities
- 1" rubber tip for blowing out lines and cavities
- 1 3/8" rubber tip for blowing out lines and cavities

Model No. TYB523
Price/Each

aurora tools®



HEAVY-DUTY BLOW GUNS

- Impact and weather resistant nylon body
- Ergonomic soft rubber grip
- Variable speed trigger controls the amount of air dispensed
- Brass threaded air inlet ensures that threads do not shear
- Silent operation with noise level under 80 dB
- 1/4" (F) - 18 NPT air inlet
- Operating Pressure: 50 - 235 PSI
- Operating temperature: -10° C to 70° C



TYB519



TYB520



TYB521



TYB522

aurora tools®

Model No.	Comes with	Noise Level at 100 PSI	Standard(s) Met	Price/Each
TYB519	-	77 dB	-	
TYB520	Snub Nose Rubber Tip	77 dB	OSHA STD 1-13.1	
TYB521	4 1/2" Long Stainless Steel Nozzle	80 dB	OSHA STD 1-13.1	
TYB522	5 1/2" Long Stainless Steel Nozzle and Silencer	75 dB	OSHA STD 1-13.1	

Can't find what
you're looking for?
Call us today!



AIR TOOLS & ACCESSORIES

AIRPRO SAFETY BLOW GUNS W/VENTURI NOZZLE

Features

- Specially designed to project a large volume of air at low velocity
- Venturi function increases the amount of inlet air by 250%
- With 4" tube • Colour: Red

Applications

- Automotive and industrial applications
- Ideally suited for moving a large volume of chips or drying or cooling

Model No. UW573 Mfg. No. 60.386 Price/Each \$



AIRPRO SILENT MAXIMUM SAFETY BLOW GUNS

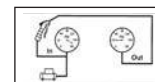
Features

- Meets the safety requirements of OSHA and other health and safety agencies' strictest norms
- Reduction valve in the handle of the blow gun limits the pressure to 30 PSI
- Pressure is controlled so that it does not exceed 30 PSI as recommended by OSHA and other safety agencies' requirements
- With 5" tube • Colour: Red

Applications

- For cleaning equipment where maximum safety is required
- For very delicate operations requiring small quantity of air

Model No. UW576 Mfg. No. 60.389 Price/Each \$



30 PSI

AIRPRO SILENT SAFETY BLOW GUNS

Features

- Specially designed to keep noise level under 75 dB
- With 5" tube • Colour: Red

Applications

- Ideal for automotive and industrial cleaning applications
- Ideal for the electronics industry, repair shops or other industries requiring a low noise level and precise control of air flow

Model No. UW574 Mfg. No. 60.387 Price/Each \$



AIRPRO HIGH PERFORMANCE BLOW GUNS W/THROTTLE SCREW

Features

- Adjustable knob controls the amount of air supplied
- Ergonomic design reduces hand fatigue
- With 4" tube • Colour: Red

Applications

- Ideal for cleaning equipment in industries, as well as automobile repair shops
- Perfect for uses where reduced air flow is required

Model No. UW579 Mfg. No. 60.392 Price/Each \$



AIRPRO SILENT SAFETY BLOW GUNS W/CONTROL THROTTLE SCREW

Features

- Specially designed to keep noise level under 75 dB
- With 5" tube • Colour: Red

Applications

- Ideal for automotive and industrial cleaning applications
- Ideal for the electronics industry, repair shops or other industries requiring a low noise level and precise control of air flow

Model No. UW575 Mfg. No. 60.388 Price/Each \$



AIRPRO HIGH PERFORMANCE BLOW GUNS

Features

- 12" or 20" long tip
- Ideal for cleaning places which are not easily accessible
- Colour: Red

Applications

- Ideal for cleaning motors, equipment and machinery in industrial and agricultural sectors

12" LONG

Model No. UW580

Mfg. No. 60.393

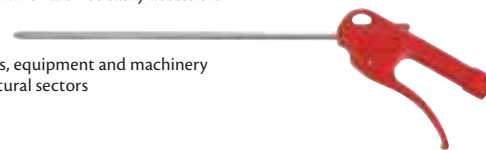
Price/Each \$

20" LONG

Model No. UW581

Mfg. No. 60.395

Price/Each \$



AIRPRO HIGH PERFORMANCE BLOW GUNS

Features

- Angled Tube • Powerful air stream
- With 4" tube • Colour: Red

Applications

- Ideal for cleaning equipment in industries, as well as automobile repair shops

Model No. UW577 Mfg. No. 60.390 Price/Each \$



TOPRING

AIRPRO SAFETY BLOW GUNS

Characteristics

- A very compact gun with exclusive features
- The contoured body lies perfectly in the palm of the hand and with only one finger you can operate the progressive valve which adjusts the flow with a sensitive and gradual manner
- The body is made to protect the palm of the hand against the connection fittings
- Especially indicated for specialized fields such as: car repair, aviation etc... where compact size, progressive flow and anti-scratch materials are required

Specifications

- Working temperature: -4°F to 176°F (-20°C to 80°C)
- Maximum working pressure: 150 PSI

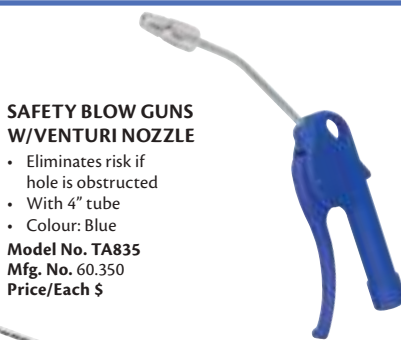
Applications

- Air, water, oil, grease, glue

SAFETY BLOW GUNS W/VENTURI NOZZLE

- Eliminates risk if hole is obstructed
- With 4" tube
- Colour: Blue

Model No. TA835 Mfg. No. 60.350 Price/Each \$



HIGH PERFORMANCE BLOW GUNS

- Straight tip 12" long
- Colour: Blue

Model No. TA832 Mfg. No. 60.325 Price/Each \$



HIGH PERFORMANCE BLOW GUNS

- Curved tip 4" long
- Colour: Blue

Model No. TA831 Mfg. No. 60.320 Price/Each \$



RUBBER TIP BLOW GUNS

- Anti-scratch tip
- Will not scratch or mark surfaces
- Colour: Blue

Applications

- Used in automotive and industrial shops for blowing out blocked passages such as automatic transmissions, carburetors, moulds and dies

Model No. TA833 Mfg. No. 60.330 Price/Each \$



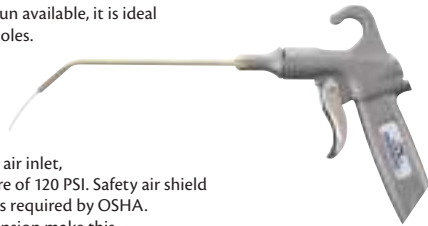
TOPRING

BLIND HOLE AIR GUNS

The most effective blind hole air gun available, it is ideal for both deep crevices and blind holes. This air gun is 100% effective in delivering a high velocity jet of air to flush out chips and dirt. It has a small diameter air tube to access into holes down to 1/8" diameter, a 1/4" NPT air inlet, and a maximum operating pressure of 120 PSI. Safety air shield provides effective chip-guarding as required by OSHA. Pistol grip casting and angled extension make this light weight air gun easy to handle. It has a 4" straight extension and a 2" extension after the 45 degree bend.

Model No. TB136
Mfg. No. 74BH006Z
Price/Each \$

GUARDAIR®



JET GUARD® SAFETY AIR GUNS

Ideally suited for machine shop and production line operation, it provides for years of dependable, non-fatiguing, effective operation. It incorporates a protective air cone which is recognized by OSHA as an effective safeguard for reducing injury from flying chips. An operator controlled knurled adjusting nut to control air volume. Air thrust can be set for whisper or blast.

Model No. TB137
Mfg. No. 74SK
Price/Each \$

GUARDAIR®



WHISPER JET® SAFETY AIR GUNS

The quietest safety air gun available has a unique nozzle with a serrated periphery that reduces noise levels 6-20 dB less than conventional air guns. Solid conical tip design prevents blockage of nozzle, has a 1/4" NPT inlet with a maximum operating pressure of 150 PSI meets NPT standard.

Model No. TB151
Mfg. No. 80WJ
Price/Each \$

GUARDAIR®



SYPHON SPRAY GUNS

The most economical spray gun available. Ideal for spraying thin and medium solutions such as oils, solvents, insulating compounds, metal preservatives and coatings. Operates on compressed air with no moving electrical parts. The high vacuum syphon delivers up to 16 gallons per hour, has a 1/4" NPT inlet and maximum operating pressure of 150 PSI meets OSHA standards. It includes a 12" extension for reaching difficult, hard to reach locations, 6 feet of feed tube and sinker, and an adjustable trigger and nozzle tip to control volume and spray pattern.

Model No. TB152
Mfg. No. 79SG012
Price/Each \$

GUARDAIR®



SYPHON SPRAY GUN KITS

- High vacuum syphon delivers up to 12 gallons per hour, knurled adjusting nut controls air volume
- Both 6" and 12" extensions allow for a longer reach
- One quart metal screw-on canister eliminates feed tubes and buckets
- 1/4" FNPT inlet
- Includes: Gun, canister, 6" rigid and 12" flexible plastic spray nozzles
- Conforms to MIL-G-952 type 1
- Meets OSHA standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ783	79SGM	Siphon Spray Gun Kit	

XTRA-THRUST® SAFETY AIR GUNS

The most powerful safety air gun available, it is designed to quickly move large volumes of debris. The Venturi tip increases thrust, with a 1/4" inlet and a maximum operating pressure of 150 PSI, resulting in a very high volume of air that equals 1/2" open pipe in effectiveness, yet meets OSHA standard with a limit of 30 PSI dead end static pressure. Constructed with rugged, cast aluminum body and full length trigger. For maximum performance of XTRA Thrust Air Gun high flow couplers and connectors of 5/16" interior diameter are recommended, as opposed to 3/16" I.D. for standard couplers and connectors.



GUARDAIR®

Model No.	Mfg. No.	Overall Length"	Price /Each
TB138*	75XXT	6	
TB139	75XT012AA	12	
TB140	75XT024AA	24	
TB141	75XT036AA	36	
TB142	75XT048AA	48	
TB143	75XT060AA	60	
TB144	75XT072AA	72	

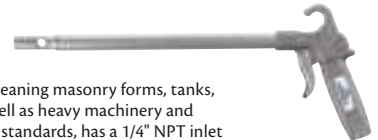
* Includes air gun and nozzle only

HIGH FLOW CONNECTORS FOR XTRA-THRUST

Model No.	Description	Price /Each
TB156	Connector, male 1/4" NPT 5/16" I.D.	
TB158	1/4" hose barb for 1/4" hose	
TB159	3/8" hose barb for 3/8" hose	

LONG JOHN SAFETY AIR GUNS

The longest safety air gun available, it is ideal for cleaning areas that are hard to reach. Long John air guns are used for blowing floor debris into piles, cleaning masonry forms, tanks, ovens, large molds, pipelines, rafters as well as heavy machinery and storage areas. These air guns meet OSHA standards, has a 1/4" NPT inlet with a maximum operating pressure of 150 PSI. The pistol grip casting and aluminum extension make Long John lightweight and easy to handle. Special Venturi tip increases thrust by 200%.



GUARDAIR®

Model No.	Mfg. No.	Extension Length"	Price /Each
TB130	75LJ012AA	12	
TB131	75LJ024AA	24	
TB132	75LJ036AA	36	
TB133	75LJ048AA	48	
TB134	75LJ060AA	60	
TB135	75LJ072AA	72	

900LI THUMB SWITCH SAFETY AIR GUN

The lightest, thumb lever operated, extended reach, safety air gun available. It is ideal for cleaning and drying machines, ovens, floors and rafters and production equipment. It fits comfortably in the palm of your hand and is constructed of an economical, rugged, die cast aluminum. The Venturi tip has a 1/4" NPT inlet, and a maximum operating pressure 120 PSI, boosts the thrust and limits static pressure to less than 30 PSI when tip is blocked. Meets OSHA standards.



GUARDAIR®

Model No.	Mfg. No.	Overall Length"	Price /Each
TB145	900LJ012AA	12	
TB146	900LJ024AA	24	
TB147	900LJ036AA	36	
TB148	900LJ048AA	48	
TB149	900LJ060AA	60	
TB150	900LJ072AA	72	

AIR TOOLS & ACCESSORIES

WHISPER JET® EXTENDED REACH AIR GUNS

- Durable cast aluminum body
- Unique Coandaire® nozzle reduces noise 6 to 20 dB compared to conventional air guns
- Solid conical tip design prevents blockage of nozzle
- Standard stock lengths from 6" - 72"
- 1/4" FNPT inlet
- Meets OSHA standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ747	80LJ006AA	Whisper Jet® w/ Aluminum Extension & Aluminum Nozzle, 6"	
TLZ748	80LJ012AA	Whisper Jet® w/ Aluminum Extension & Aluminum Nozzle, 12"	
TLZ749	80LJ018AA	Whisper Jet® w/ Aluminum Extension & Aluminum Nozzle, 18"	
TLZ750	80LJ036AA	Whisper Jet® w/ Aluminum Extension & Aluminum Nozzle, 36"	
TLZ751	80LJ048AA	Whisper Jet® w/ Aluminum Extension & Aluminum Nozzle, 48"	

LAZER® SERIES PALM SAFETY AIR GUNS

- All-metal construction with rubber over-molded trigger
- Unique shape and soft over-molded trigger conforms to any hand
- Ergonomic grip reduces hand fatigue
- Ready for use with any 1/4" NPT inlet connector
- Features 1/8" NPSM outlet for optional safety nozzles
- Meets OSHA 1910.242(b) regarding output pressure



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ759	LZR600	Palm Switch Style Lazer Air Gun	
TLZ760	LZR600006AA	Palm Switch Style Lazer Air Gun w/6" extension	
TLZ761	LZR600012AA	Palm Switch Style Lazer Air Gun w/12" extension	
TLZ762	LZR600018AA	Palm Switch Style Lazer Air Gun w/18" extension	
TLZ763	LZR600024AA	Palm Switch Style Lazer Air Gun w/24" extension	
TLZ764	LZR600036AA	Palm Switch Style Lazer Air Gun w/36" extension	
TLZ765	LZR600048AA	Palm Switch Style Lazer Air Gun w/48" extension	
TLZ766	LZR600060AA	Palm Switch Style Lazer Air Gun w/60" extension	
TLZ767	LZR600072AA	Palm Switch Style Lazer Air Gun w/72" extension	

FORCE 5® SERIES AIR GUNS

- Advanced Venturi nozzle delivers 100% of the power
- Air speed increases as it passes through the nozzle, drawing surrounding ambient air through the side ports
- The increased volume of air greatly intensifies power at the tip
- Meets OSHA Standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ769	F5024AA	Force 5 Series with 24" Aluminum Extension And Standard Nozzle	
TLZ770	F5036AA	Force 5 Series with 36" Aluminum Extension And Standard Nozzle	
TLZ771	F5048AA	Force 5 Series with 48" Aluminum Extension And Standard Nozzle	
TLZ772	F5060AA	Force 5 Series with 60" Aluminum Extension And Standard Nozzle	

900 THUMB SWITCH SAFETY AIR GUN

The most compact safety air gun available that fits in the palm of your hands. It is constructed of an economical, rugged die cast aluminum. The Venturi tip, consisting of a 1/4" NPT inlet with a maximum operating pressure of 120 PSI, boosts the thrust and limits static pressure to less than 30 PSI. **TB154** includes an air shield to prevent hazardous chip fly-back.



GUARDAIR®

STANDARD MODEL

Model No. **TB153**
Mfg. No. 900
Price/Each \$

WITH AIR SHIELD

Model No. **TB154**
Mfg. No. 900S
Price/Each \$

LAZER® SERIES PISTOL GRIP SAFETY AIR GUNS

- All-metal construction
- Unique design offers comfort for any size hand
- Ergonomic grip reduces hand fatigue
- Ready for use with any 1/4" NPT inlet connector
- Features 1/8" NPSM outlet for optional safety nozzles
- Meets OSHA 1910.242(b) regarding output pressure



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ752	LZR650	Pistol Grip Style Lazer Air Gun	
TLZ753	LZR650006AA	Pistol Grip Style Lazer Air Gun w/ 6" extension	
TLZ754	LZR650012AA	Pistol Grip Style Lazer Air Gun w/12" extension	
TLZ755	LZR650018AA	Pistol Grip Style Lazer Air Gun w/18" extension	
TLZ756	LZR650024AA	Pistol Grip Style Lazer Air Gun w/24" extension	
TLZ757	LZR650036AA	Pistol Grip Style Lazer Air Gun w/36" extension	
TLZ758	LZR650048AA	Pistol Grip Style Lazer Air Gun w/48" extension	

EASY ACCESS SAFETY AIR GUNS

- Durable cast aluminum body
- Patented air-shield protective air cone protects operator from dangerous chip fly-back
- Delivers high thrust in hard to reach areas
- 6" screw-on brass extension
- 1/4" FNPT inlet
- Meets OSHA standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ768	765006	Booster Safety Air Gun	

QUIET FORCE™ NOZZLES

- Made from rugged, lightweight components
- Nozzle is ideal for noise sensitive applications
- Up to 20 dBA quieter than conventional nozzles
- Develops 7 lbs. of thrust using 130 SCFM @100 PSI
- Meets OSHA Standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ773	F5024AQF	24" Force 5 (Quiet Force™ nozzle)	
TLZ774	F5036AQF	36" Force 5 (Quiet Force™ nozzle)	
TLZ775	F5048AQF	48" Force 5 (Quiet Force™ nozzle)	
TLZ776	F5060AQF	60" Force 5 (Quiet Force™ nozzle)	
TLZ777	F5072AQF	72" Force 5 (Quiet Force™ nozzle)	

INFORCER AIR GUNS

- Super Venturi nozzle accelerates air flow
- 3/4" FNPT inlet, adjustable handle
- Thermally insulated ergonomic grip
- Palm or finger actuated dead man safety trigger



SPECIFICATIONS

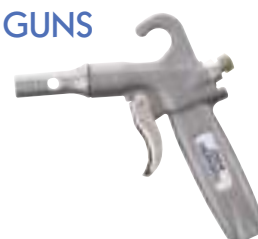
Incoming Air Line Pressure (PSI)	Flow (SCFM)	Thrust (lbs.)
120	185	12

GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ778	INF5024AA	Inforcer 24" Air Gun with Aluminum Ext and Std Nozzle	
TLZ779	INF5036AA	Inforcer 36" Air Gun with Aluminum Ext and Std Nozzle	
TLZ780	INF5048AA	Inforcer 48" Air Gun with Aluminum Ext and Std. Nozzle	
TLZ781	INF5060AA	Inforcer 60" Air Gun with Aluminum Ext and Std Nozzle	

THE ORIGINAL SAFETY AIR GUNS

- Patented protective air cone protects operator from dangerous chip fly-back
- Venturi nozzle draws in ambient air to intensify both power and thrust
- Knurled adjusting nut controls air volume
- 1/4" FNPT inlet, convenient hanging hook
- Meets OSHA standards



GUARDAIR®

Model No.	Mfg. No.	Description	Price/Each
TLZ782	57S30XB	The Original Safety Air Gun with Volume Control	

COMPACT BLOW GUNS

CHARACTERISTICS

- Flow stabilizer valve for precise air control
- Contoured design to fit comfortably into the user's hand
- Chrome plated, lightweight zinc body
- Cushioned thumb lever
- The hook design enables the gun to be stored conveniently by hanging on almost anything up to 1" diameter
- Industrial and automotive applications
- 1/4" (F) NPT inlet
- Maximum working pressure: 150 PSI

SIPHON TIP BLOW GUNS

- Complete with 8' of plastic suction tubing and 6" extension
- Convenient thumb lever control
- Chrome plated brass siphon tip

Applications

- Used in industrial and automotive shops for spraying air and liquid mixtures, (i.e. cleaners, solvents and sealants)

Model No. TA825

Mfg. No. 60.130

Price/Each \$

SAFETY BLOW GUNS W/EXTENSION



Model No.	Mfg. No.	Description	Price/Each
TA821	60.114	3" Straight extension	
TA822	60.116	6" Straight extension	
TA823	60.118	12" Straight extension	

AIR SCREEN TIP BLOW GUNS

- Brass air screen tip producing 30° conical safety air screen designed to deflect particles away from operator
- Minimizes blow-back of chips or particles

Applications

- Used in machine, tool and die and where drilled or tapped blind holes must be blown out causing chip and particle blow-back

Model No. TA817

Mfg. No. 60.102

Price/Each \$

RUBBER TIP BLOW GUNS

- Will not scratch or mark surfaces
- Provides a leak proof seal between gun and fluid lines

Applications

- Used in automotive and industrial shops for blowing out blocked passages such as automatic transmissions, carburetors, moulds and dies

Model No. TA819

Mfg. No. 60.110C

Price/Each \$

TOPRING

TAPERED TIP BLOW GUNS

- Convenient thumb lever control
- Tapered tip
- Compact design for ease of operation

Applications

- Use in industrial and automotive shops for general cleaning, where high velocity air is not required

Model No. TA820

Mfg. No. 60.112C

Price/Each \$

INTERCHANGEABLE TIP BLOW GUN KITS

- Designed for light duty applications
- Contoured design fits comfortably in operator's hand
- Cushioned thumb lever
- Large hanging hook
- Lightweight zinc body
- Brass valve with only one moving part
- 1/4" Female NPT
- Chrome plated
- Comes with four tips: safety tip, rubber tip, needle tip, and long needle tip

Model No. BV804

Mfg. No. 60.070C

Price/Each \$



Long Needle

Needle

Safety Tip

Rubber Tip

COMPACT PERMATIP SAFETY BLOW GUNS

- Tamper-proof vent holes increase total air flow
- In the event of tip blockage, air escapes through radial holes, keeping tip pressure safely below 30 PSI
- Case-hardened steel restrictor inside the gun provides a concentrated air stream

Model No.	Mfg. No.	Noise Level* dB	Air Consumption* SCFM	Price/Each
TA816	60.100C	89	2.5	

*At 75 PSI air line pressure

AIR BLOW GUNS WITH BRASS SAFETY NOZZLE

- Contoured design fits comfortably in operators hand
- Brass tip increases air flow
- Cushioned thumb lever
- Hook design allows for easy and convenient storage
- 1/4" (F) - 18 NPT inlet

Model No. TLV118

Price/Each \$



auroratools®



TOPRING

5-PC. BLOW GUN KITS

- Contoured design fits comfortably in operators hand
- Chrome plated
- Large hanging hook
- 1/4" (F) - 18 NPT
- Comes with four tips: Safety tip, rubber tip, needle tip, and long needle tip

Model No. TLZ147

Price/Each \$



auroratools®

AIR TOOLS & ACCESSORIES

TWO-PIECE STAINLESS STEEL BALL VALVES - SERIES BV2M

FULL PORT, 1000 PSI (69 BAR)

End Connections: Female NPT
Pressure Limits: 1000 PSI (69 bar) WOG; 150 PSI (10.3 bar) SWP
Wetted Materials: Body, ball, end cap: CF8M SS; stem: 316 SS; seat, thrust washer: RTFE; end gasket, stem packing: PTFE
Temperature Limits: -20 to 450°F (-29 to 232°C)



Model No.	Mfg. No.	Size"	Price/Each
THZ590	BV2M100	1/4	
THZ591	BV2M101	3/8	
THZ592	BV2M102	1/2	
THZ593	BV2M103	3/4	
THZ594	BV2M104	1	
THZ595	BV2M105	1 1/4	
THZ596	BV2M106	1 1/2	
THZ597	BV2M107	2	
THZ598	BV2M108	2 1/2	
THZ599	BV2M109	3	



THZ590

MINI BRASS BALL VALVES

Service: Gases and liquids compatible with wetted materials. Not rated for steam use.
Wetted Materials: Valve body: chrome plated brass
 Valve ball: chrome-plated brass
 O-ring stem seal: Fluoroelastomer
 Ball seats: PTFE
Temperature Limits: MV4: -4 to 200°F (-20 to 93.3°C)
 MV5: -4 to 250°F (-20 to 121°C)
Connections: NPT, see model chart



Lever

Tee

Wedge

Screwdriver

FEMALE X FEMALE

MALE X FEMALE

Pipe Size"	Cv Value	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
LEVER HANDLE - 200 PSI (CWP) MAXIMUM PRESSURE							
1/8	5.3	THZ638	MVB-LF1		THZ654	MVB-LM1	
1/4	6.6	THZ639	MVB-LF2		THZ655	MVB-LM2	
3/8	6.6	THZ640	MVB-LF3		THZ656	MVB-LM3	
1/2	11	THZ641	MVB-LF4		THZ657	MVB-LM4	
TEE HANDLE - 200 PSI (CWP) MAXIMUM PRESSURE							
1/8	5.3	THZ642	MVB-TF1		THZ658	MVB-TM1	
1/4	6.6	THZ643	MVB-TF2		THZ659	MVB-TM2	
3/8	6.6	THZ644	MVB-TF3		THZ660	MVB-TM3	
1/2	11	THZ645	MVB-TF4		THZ661	MVB-TM4	
WEDGE HANDLE - 450 PSI (CWP) MAXIMUM PRESSURE							
1/8	5.3	THZ646	MVB-WF1		THZ662	MVB-WM1	
1/4	6.6	THZ647	MVB-WF2		THZ663	MVB-WM2	
3/8	6.6	THZ648	MVB-WF3		THZ664	MVB-WM3	
1/2	11	THZ649	MVB-WF4		THZ665	MVB-WM4	
SCREWDRIVER SLOT - 450 PSI (CWP) MAXIMUM PRESSURE							
1/8	5.3	THZ650	MV5-SF1		THZ666	MV5-SM1	
1/4	6.6	THZ651	MV5-SF2		THZ667	MV5-SM2	
3/8	6.6	THZ652	MV5-SF3		THZ668	MV5-SM3	
1/2	11	THZ653	MV5-SF4		THZ669	MV5-SM4	

THREE-PIECE BALL VALVES - SERIES WE02

INVESTMENT CAST STAINLESS STEEL CONSTRUCTION, INTEGRAL ACTUATOR MOUNTING PAD

End Connections: Female NPT
Pressure Limits: 1000 PSI (68.9 bar) WOG; 150 PSI (10.3 bar) SWP
Wetted Materials: Body, ball, end cap: CF8M SS; stem: 316 SS; seat, thrust washer: RTFE; stem packing: PTFE
Temperature Limits: -20 to 392°F (29 to 200°C)



THZ602

Model No.	Mfg. No.	Size"	Price/Each
THZ602	WE02-CHD00	1/2	
THZ603	WE02-DHD00	3/4	
THZ605	WE02-FHD00	1 1/4	
THZ606	WE02-GHD00	1 1/2	
THZ607	WE02-HHD00	2	
THZ608	WE02-IHD00	2 1/2	P.O.A.
THZ609	WE02-JHD00	3	P.O.A.

TWO-PIECE HAND LEVER BRASS BALL VALVES - SERIES BV2MB

FULL PORT, ECONOMICAL, BLOWOUT-PROOF STEM

Body: Two-Piece
End Connections: 1/4" to 3" female NPT
Pressure Limits: 1/4" to 1": 600 PSI (41.4 bar), 1 1/4" to 2": 400 PSI (27.6 bar), 2 1/2 to 3": 200 PSI (13.8 bar) WOG
Wetted Materials: Body and body cap: forged brass (ASTM B283-C37700); ball and stem: brass; seat and packing Teflon®
Temperature Limits: 10 to 200°F (-12 to 93°C)
Other Materials: Body seal: rubber; handle: plated steel; nut and gasket: brass



THZ610

Model No.	Mfg. No.	Size"	Cv	Price/Each
THZ610	BV2MB00	1/4	7.5	
THZ611	BV2MB01	3/8	7.5	
THZ612	BV2MB02	1/2	16	
THZ613	BV2MB03	3/4	43	
THZ614	BV2MB04	1	58	
THZ615	BV2MB05	1 1/4	105	
THZ616	BV2MB06	1 1/2	160	
THZ617	BV2MB07	2	325	
THZ618	BV2MB08	2 1/2	475	
THZ619	BV2MB09	3	780	

BUTTERFLY VALVES - SERIES BFV

LOW COST, LEVER OPERATED, LUG OR WAFER PATTERN, 225 PSI

Service: Compatible liquids, gases, and steam
Line Size: 2" to 12"
Body Style: 2-way, wafer or lug butterfly
End Connections: Flange, to be used with flanges that are ANSI Class 125 (B16.1) and ANSI Class 150 (B16.5) dimensions
Pressure Limits: 225 PSI (151.5 bar) WOG
Wetted Materials: Body: Ductile iron
 Disc: 316 SS
 Seat and O-ring: EPDM or PTFE
 Stem: 410 SS
Temperature Limits: EPDM: -50 to 250°F (-46 to 121°C).
 PTFE: 0 to 300°F (-18 to 149°C)
Bearings: Nylatron
Flow Rate: See Cv chart
Operator: 2 to 6": 10-position locking hand lever. 8 to 12": manual gear



Wafer



Lug



CV VALUES

Size	Degree Opening									Full Open
	10°	20°	30°	40°	50°	60°	70°	80°	90°	
2	0.1	5	12	24	45	64	90	125	135	
2 1/2	0.2	8	20	37	65	98	144	204	220	
3	0.3	12	22	39	70	116	183	275	302	
4	0.5	17	36	78	139	230	364	546	600	
5	0.8	29	61	133	237	392	620	930	1022	
6	2	45	95	205	366	605	958	1437	1579	
8	3	89	188	408	727	1202	1903	2854	3136	
10	4	151	320	694	1237	2047	3240	4859	5340	
12	5	234	495	1072	1911	3162	5005	7505	8250	

Model No.	Mfg. No.	Size"	Type	Liner	Price /Each
THZ620	BFV202WFB311HLO	2	Wafer	EPDM	
THZ621	BFV202WFB341HLO	2	Wafer	PTFE	
THZ622	BFV202LTB311HLO	2	Lug	EPDM	
THZ623	BFV202LTB341HLO	2	Lug	PTFE	
THZ624	BFV225WFB311HLO	2 1/2	Wafer	EPDM	
THZ625	BFV225WFB341HLO	2 1/2	Wafer	PTFE	
THZ626	BFV225LTB311HLO	2 1/2	Lug	EPDM	
THZ627	BFV225LTB341HLO	2 1/2	Lug	PTFE	
THZ628	BFV203WFB311HLO	3	Wafer	EPDM	
THZ629	BFV203WFB341HLO	3	Wafer	PTFE	
THZ630	BFV203LTB311HLO	3	Lug	EPDM	
THZ631	BFV203LTB341HLO	3	Lug	PTFE	
THZ632	BFV204WFB311HLO	4	Wafer	EPDM	
THZ633	BFV204WFB341HLO	4	Wafer	PTFE	
THZ634	BFV204LTB311HLO	4	Lug	EPDM	
THZ635	BFV204LTB341HLO	4	Lug	PTFE	
THZ636	BFV205WFB311HLO	5	Wafer	EPDM	
THZ637	BFV205WFB341HLO	5	Wafer	PTFE	

IN-LINE AIR FLOW REGULATORS

- Especially designed to control air pressure to air tools
- High volume air adjusting regulator
- Pressure Range 0-160 PSI



Model No.	Mfg. No.	Inlet NPT(M)"	Outlet NPT(F)"	Price /Each
TA838	62.105	1/4	1/4	

IN-LINE PRE-SET PRESSURE REGULATORS

- Ensure optimal air tool efficiency by supplying a constant pre-set pressure
- Limit over-consumption of compressed air, thereby reducing energy costs
- Blow guns in order to respect OSHA and other Safety Agencies' requirements (maximum pressure of 30 PSI)

Model No.	Mfg. No.	Pre-Set Pressure	Price/Each
TLZ013	62.202C	27	
TLZ014	62.210C	90	

TOPRING



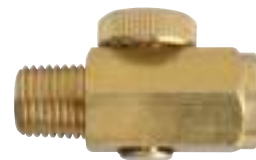
AIR ADJUSTING VALVES

- Permits accurate flow control in either direction
- Set knurled knob to desired flow rate
- Spring-loaded ratchet permit positive flow adjustment without drift
- Oil resistant seals prevent leakage

Warning: Do not use as a shut-off-valve

Model No.	Mfg. No.	Inlet (F) NPT"	Outlet (M) NPT"	Price /Each
TA837	62.101	1/4	1/4	

TOPRING



TOPRING



MINI REGULATORS

- Specially designed for use with air tools for accurate pressure regulation
- Full diaphragm regulation for precise air pressure
- 3-position knob pushed to lock and can be removed for taper - resistance
- Push-pull lock setting to avoid unplanned readjustment
- Lightweight and compact
- Temp. Range: 40°F to 120°F
- Flow Cap.: Up to 14 SCFM
- Pressure PSI 2-125 PSI



Model No.	Mfg. No.	Port Size (M) NPT"	Pressure PSI	Price /Each
TA849	62.125C	1/4	0-165	
TA796	55.121	Replacement Gauge		



TOPRING

ANTI HOSE WHIP SAFETY VALVES

- Anti hose whip safety valve is an inline emergency shutoff valve
- Under failure conditions, the valve closes - the air is shut off
- Small amount of air continues to bleed after shut off at a rate of 9 SCFM.
- Automatically return to the normal position when pressure is re-established

OSHA standard no. 1926.302(b)(7): "All hoses exceeding 1/2" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure." Topring anti hose whip safety valves satisfy this standard.

Model No.	Mfg. No.	Inlet Size NPT	Outlet (F) NPT	Shutoff Range* (SCFM)	Total Length"	Price /Each
BB396	58.952	1/4 (M)	1/4	21	2 21/64	
BB398	58.957	3/8 (M)	3/8	42	2 3/4	
UQ888	58.962	1/2 (M)	1/2	99	3 7/64	
UQ889	58.967	3/4 (F)	3/4	125	2 63/64	

* Based on an inlet pressure of 90 PSI

TOPRING



PRESSURE GAUGES

- Corrosion resistant stainless steel case and ring, plastic lens
- Balanced adjustable black pointer
- Soft soldered phosphor bronze tube with brass socket. Suitable for steam, water, air, oil, gas or any medium not corrosive to copper alloys
- Phosphor bronze movement is recommended for average general use
- Easy to read dial, white background with bold black numerals and graduations, 270° arc
- 1/4" NPT bottom connection only
- 1% accuracy

Model No.	Mfg. No.	Dial Ranges	Figure Intervals	Minor Div.	Price /Each
PRESSURE RANGES					
IA326	421AVND-30	0-30 PSI	5 PSI	0.5 PSI	
IA327	421AVND-60	0-60 PSI	10 PSI	1 PSI	
IA328	421AVND-100	0-100 PSI	10 PSI	1 PSI	
IA329	421AVND-160	0-160 PSI	20 PSI	2 PSI	
IA330	421AVND-200	0-200 PSI	20 PSI	2 PSI	
IA331	421AVND-300	0-300 PSI	50 PSI	5 PSI	
IA332	421AVND-500	0-500 PSI	50 PSI	5 PSI	
VACUUM RANGES					
IA333	421AVND-30VAC	30"-0 Hg Vac	5"	0.5"	

BAKER
INSTRUMENTS



HOSES & HOSE CLAMPS



INADEQUATE PIPING & HOSES INFORMATION

The largest pressure loss in a system serving air tools is found in two areas: hoses that are too long and hoses that are too small. The longer the hose, the more friction is created, regardless of size; this can be addressed by increasing hose size. For this reason, small diameter hoses inevitably limit flow. Choosing the proper diameter hose for the distance and flow required will go a long way to limiting pressure loss at the tool.

RECOMMENDED FLEXIBLE HOSE SIZES (I.D.) FOR VARIOUS DISTANCES & FLOWS

Flow (SCFM)	Pressure PSI	Distance							
		25'	35'	50'	75'	100'	150'	200'	
1	100	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
2	100	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
5	100	1/4	1/4	1/4	5/16	5/16	5/16	3/8	3/8
10	100	5/16	5/16	3/8	3/8	3/8	1/2	1/2	1/2
15	100	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2
20	100	3/8	1/2	1/2	1/2	1/2	3/4	3/4	3/4
25	100	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4
30	100	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4
40	100	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4
50	100	3/4	3/4	3/4	3/4	3/4	3/4	1	1
60	100	3/4	3/4	3/4	3/4	3/4	1	1	1
70	100	3/4	3/4	3/4	3/4	1	1	1	1
80	100	3/4	3/4	3/4	1	1	1	1	1
90	100	3/4	3/4	1	1	1	1	1	1
100	100	3/4	3/4	1	1	1	1	1	1

Calculations based on a pressure loss (ΔP) of maximum 5 PSIG

AIR HOSES NYLON COIL C/W FITTING

- Light and easy to handle
- High impact and abrasion resistance
- Excellent elastic memory, can be stretched repeatedly yet return to original shape for convenient storage
- Colour: High-viz yellow
- Temperature range: -5°C to 70°C



aurora tools

Model No.	NPT (M)"	Length'	Hose Inside Diameter"	Max. Working Pressure PSI	Price /Each
TLZ150	1/4	25	1/4	200	
TLZ151	1/4	50	1/4	200	
TLZ152	3/8	25	3/8	300	
TLZ153	3/8	50	3/8	300	

AIR HOSE REPAIR KIT

- For a 3/8" hose, 1/4" NPT threads
- Set includes:**
- 1 hose splicer
 - 1 hose end fitting
 - 3 hose clamps

Model No. TLZ149
Price/Each \$



aurora tools

PLUG QUICK COUPLER KIT

- Set includes:**
- One 1/4" quick coupler
 - One 1/4" female plug
 - Three 1/4" male plugs

Model No. TLZ148
Price/Each \$



aurora tools



VOLUME/CAPACITY

1 in³ (cubic inch) = 16.387 cm³
 1 ft³ (cubic feet) = 0.0283 m³
 1 ft³ = 28.32 litres
 1 gallon (US) = 3.785 litres
 1 gallon (imperial) = 4.546 litres
 1 cm³ (cubic centimeter) = 0.0610 in³
 1 m³ (cubic meter) = 1000 litres

1 m³ = 35.3 ft³
 1 litre = 0.001 m³
 1 litre = 0.0353 ft³
 1 litre = 0.264 gallon (US)
 1 litre = 0.220 gallon (imperial)
 1 fl. ounce (imperial) = 28.413 ml
 1 litre = 35.2 ounces

LENGTH

1 inch = 25.4 mm
 1 ft (feet) = 0.305 m

1 mm = 0.039 in
 1 m = 3.28 ft

WEIGHT

1 ounce = 28.349 g
 1 pound = 453.592 g

1 g = 0.035 ounce
 1 kg = 2.205 lbs

HOSES & HOSE CLAMPS

EASYFLEX PREMIUM AIR HOSES W/FITTINGS

- Technopolymer engineered to be tough and ultra-flexible at extremely low temperatures
- Easily re-coiled after use, no memory
- Lightweight
- -65°F to 149°F, 300 PSI
- Rubber guard bend restrictors on hose assemblies to extend the life of the hose
- Colour: Yellow or blue



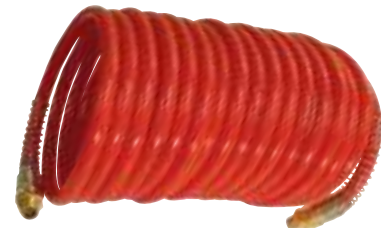
TLZ735

TOPRING

Model No.	Mfg. No.	Colour	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TLZ735	72.164	Yellow	1/4	25	1/4	
TLZ736	72.168	Yellow	1/4	50	1/4	
TLZ737	72.170	Yellow	1/4	100	1/4	
TLZ738	72.364	Yellow	3/8	25	1/4	
TNB049	72.384	Blue	3/8	25	1/4	
TLZ739	72.368	Yellow	3/8	50	1/4	
TLZ740	72.370	Blue	3/8	100	1/4	

MAXPRO SELF-STORING NYLON AIR HOSES W/FITTINGS

- Self-storing
- Excellent abrasion resistance
- Swivel fittings allow maximum directional flexibility
- Reusable and repairable fittings
- -40°F to 180°F, up to 200 PSI
- Colour: Red



TA181

TOPRING

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TA181	11.421	1/4	12.5	1/4	
TA182	11.441	1/4	25	1/4	
TA185	11.641	3/8	25	3/8	
TA187	11.681	3/8	50	3/8	

REPLACEMENT SWIVEL FITTINGS

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TS332	11.042	1/4	-	1/4	
TS334	11.062	3/8	-	3/8	
TS335	11.065	3/8	-	1/4	

FLEXHYBRID AIR HOSES W/FITTINGS

- Engineered hybrid polymer combining best features from PVC and rubber
- Superior flexibility, lightweight and economical
- 14°F to 140°F, 300 PSI
- Good resistance to oils, heat, ozone and abrasion
- Colour: Red



TNB036

TOPRING

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TNB036	70.115	1/4	25	1/4	
TNB037	70.119	1/4	50	1/4	
BC368	70.316	3/8	25	1/4	
BC370	70.318	3/8	50	1/4	
BC376	70.415	1/2	25	3/8	
BC380	70.419	1/2	50	3/8	

AIRFLEX PREMIUM AIR HOSES W/FITTINGS

- Excellent abrasion resistance
- Medium oil resistance
- -40°F to 212°F, 250 PSI
- Quality general purpose rubber air hose
- Colour: Red



BU260

TOPRING

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
BU260	71.114	1/4	25	1/4	
UP477	71.118	1/4	50	1/4	
BU282*	71.315	3/8	25	1/4	
BU286*	71.319	3/8	50	1/4	
BU285*	71.318	3/8	50	3/8	
BU306	71.419	1/2	50	3/8	
BU305	71.418	1/2	50	1/2	

*Rubber guard bend restrictors to increase the life of air hose

TOPFLEX RUBBER AIR HOSES

- Maximum oil and heat resistance
- Spark resistant
- Reusable fittings – no crimping required
- -40°F to 212°F, 300 PSI
- Synthetic rubber cover
- Colour: Black



TA511



TNB038

TOPRING

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TNB038	77.125	1/4	25	1/4	

TOPFLEX LOCK-ON AIR HOSES

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TNB039	77.128	1/4	50	1/4	
TNB040	77.130	1/4	100	1/4	
BU472	77.348	3/8	50	1/4	
TNB042	77.338	3/8	50	3/8	
TNB043	77.110	1/4	600	-	
TNB044	77.310	3/8	600	-	

REPLACEMENT REUSABLE FITTINGS

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TA511	41.861	1/4	-	1/4	
TA512	41.862	3/8	-	1/4	
TA526	41.880	1/4	-	Barb joint	
TA527	41.881	3/8	-	Barb joint	

FLEXCOIL SELF-STORING POLYURETHANE AIR HOSES W/FITTINGS

- Offers little resistance to pull and automatically recoils
- Swivel fittings allow maximum directional flexibility
- Reusable and repairable fittings
- -40°F to 158°F, 140 PSI
- Colour: Red

TA216



TOPRING

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Fittings (M)NPT	Price /Each
TA216	17.610	1/4	15	1/4	
TA217	17.615	1/4	20	1/4	
TA218	17.620	1/4	25	1/4	
TA219	17.625	1/4	30	1/4	
TA220	17.650	1/4	50	1/4	
TA221	17.660	5/16	15	1/4	
TA223	17.670	5/16	25	1/4	
TA226	17.710	3/8	15	3/8	
TA227	17.714	3/8	15	1/4	
TA230	17.720	3/8	25	3/8	
TA231	17.724	3/8	25	1/4	

HOSES & HOSE CLAMPS

WELDING HOSE REELS

- Heavy-duty, reinforced steel stampings for increased strength
- 1/4" oxygen and acetylene twin hose
- Leakproof double O-ring seals
- Compact design allows reels to fit in tight locations
- Multi-position guide arms for multiple mounting options
- Kinkless, oil resistant high quality hose
- Spring rewind features long life spring with declutching arbor
- Grade R hose
- Durable, corrosion-resistant powder coat paint

aurora tools

Model No.	Drive Type	Hose I.D."	Hose Length'	Max PSI	Oxygen Inlet & Outlet	Acetylene Inlet & Outlet	W"	Dimensions				Wt. lbs.	Price /Each
								x	D"	x	H"		
TLZ487	Spring	1/4	25	300	9/16" x 18 UNF (female)	9/16" x 18 UNF (female)	8	x	14 3/4	x	13 5/8	25.9	
TLZ488	Spring	1/4	50	300	9/16" x 18 UNF (female)	9/16" x 18 UNF (female)	8 5/8	x	20 1/2	x	20 1/2	42.2	



TLZ487

AIR/WATER DELIVERY REELS

- Lightweight and easy to handle
- Made of corrosion proof polypropylene
- Working temperature to 65°C
- Designed to protect the hose and allow for easy cleaning of both hose and reel
- Wall or floor mount (floor stand not included)
- Hose included

REELCRAFT

Model No.	Mfg. No.	Hose I.D."	Hose Length'	Max PSI	Hose Outlet (M) NPT"	Reel Inlet (F) NPT"	W"	Dimensions				Wt. lbs.	Price /Each
								x	D"	x	H"		
FH821	SGA3650 OLP	3/8	50	232	3/8	3/8	9 1/8	x	22	x	19 3/8	21	
FH822	SGA3665 OLP	3/8	65	232	3/8	3/8	9 1/8	x	22	x	19 3/8	25	
FH823	SGA3850 OLP	1/2	50	232	1/2	1/2	9 1/8	x	22	x	19 3/8	23	



FH821

LIGHTWEIGHT & ECONOMICAL INDUSTRIAL REELS

- Lighter spring driven hose reel designed for applications that are less demanding, yet require a product that can withstand industrial use
- Steel components are individually powder coated and teamed with composite materials, which virtually eliminates corrosion
- Lightweight for air or water - designed for less demanding applications yet can withstand industrial use - sold with hose

REELCRAFT

Model No.	Mfg. No.	Drive Type	Hose I.D."	Hose Length'	Max PSI	Hose Outlet (M) NPT"	Reel Inlet (F) NPT"	Reel Outlet (F) NPT"	W"	Dimensions				Wt. lbs.	Price /Each
										x	D"	x	H"		
STEEL & COMPOSITE REELS															
FH522	RT435-OLP	Spring	1/4	35	300	1/4	3/8	-	5 3/4	x	16 1/2	x	17 7/8	20	
FH523	RT450-OLP	Spring	1/4	50	300	1/4	3/8	-	5 3/4	x	16 1/2	x	17 7/8	24	
FH524	RT635-OLP	Spring	3/8	35	300	1/4	3/8	-	5 3/4	x	16 1/2	x	17 7/8	21	
FH525	RT650-OLP	Spring	3/8	50	300	1/4	1/2	-	6 1/4	x	16 1/2	x	17 7/8	27	
FI056	RT835-OLP	Spring	1/2	35	300	1/2	1/2	-	6 1/4	x	16 1/2	x	17 7/8	27	
FI057	RT850-OLP	Spring	1/2	50	300	1/2	1/2	-	7 3/4	x	16 1/2	x	17 7/8	37	



FH522

2-Year Limited Warranty Standard colour as shown - black composite/powder coat paint red base & guide arm

Zenith sorbents...
Work as hard as you do!

**Premium Industrial Grade
Fine Fibre Sorbent Pads & Rolls**

ZENITH
Safety Products

**Highest absorption capacity, quickest absorption rate
and heaviest grade of fine fibre finish in the industry!**

HOSES & HOSE CLAMPS

HOSE REELS

REELS CONTRIBUTE TO AN IMPROVED WORK ENVIRONMENT
WHICH SAVES TIME, EQUIPMENT & MONEY

Standard features Include:

- Durable, corrosion-resistant powder coat paint
- Heavy-duty, reinforced steel stampings for increased strength
- Permanently lubricated for long, trouble-free service
- Multi-position guide arms for versatile mounting options
- Kinkless, high quality hoses
- Spring rewind features long life spring with declutching arbor

FH494



FH502



FH504



HEAVY-DUTY INDUSTRIAL STEEL REELS

Model No.	Mfg. No.	Drive Type	Hose I.D."	Hose Length'	Max PSI	Hose Outlet (M)NPT"	Reel Inlet (F)NPT"	Reel Outlet (F)NPT"	W"	Dimensions x D" x H"	Wt. lbs.	Price /Each
AIR or WATER reels for manufacturing plants, body shops, workshops, service stations, fabricators, spray booths - sold with hose												
TN315	4435-OLP	Spring	1/4	35	300	1/4	3/8	-	5 5/8	x 12 3/8 x 12 7/8	19	
TN317	4625-OLP	Spring	3/8	25	300	1/4	3/8	-	5 5/8	x 12 3/8 x 12 7/8	20	
TN316	5635-OLP	Spring	3/8	35	300	1/4	3/8	-	6 1/8	x 14 x 14 3/8	25	
TN318	7650-OLP	Spring	3/8	50	300	1/4	1/2	-	7	x 19 3/4 x 20 1/4	43	
TN319	7850-OLP	Spring	1/2	50	300	3/8	1/2	-	7	x 19 3/4 x 20 1/4	47	
FI058	5450-OLP	Spring	1/4	50	300	1/4	3/8	-	6 1/8	x 14 x 14 3/8	26	
FH533	5650-OLP	Spring	3/8	50	300	1/4	3/8	-	5 7/8	x 16 1/2 x 17 5/8	36	
FH534	81100-OLP	Spring	3/8	100	300	3/8	1/2	-	10 1/2	x 24 x 25 3/8	82	
FH490	82100-OLP	Spring	1/2	100	300	1/2	1/2	-	10 1/2	x 24 x 25 3/8	95	
FH491	83050-OLP	Spring	3/4	50	250	3/4	3/4	-	10 1/2	x 24 x 25 3/8	88	
FH492	D83075-OLP	Spring	3/4	75	250	3/4	3/4	-	13	x 24 x 25 3/8	102	
FH493	D84050-OLP	Spring	1	50	250	3/4	1	-	15 3/4	x 24 x 25 3/8	103	
FH494	E9350-OLP	Spring	3/4	50	250	3/4	3/4	-	16 3/4	x 26 1/4 x 26 3/8	140	
FH495	E9450-OLP	Spring	1	50	250	3/4	1	-	16 3/4	x 26 1/4 x 26 3/8	157	
OIL - medium pressure - furnished standard with S.A.E. 100 R1T one wire braid hose - sold with hose												
TN323	7850-OMP	Spring	1/2	50	3250	1/2	1/2	-	7	x 19 3/4 x 20 1/4	57	
GREASE or HYDRAULIC OIL- high pressure reel - furnished standard with S.A.E. 100 R2T two wire braid hose - sold with hose												
TN325	7650-OHP	Spring	3/8	50	4800	1/4	1/2	-	7	x 19 3/4 x 20 1/4	60	
WASHDOWN - high pressure reel with maximum product delivery - equipment cleaning, pressure washing - sold without hose												
FI059	PW7600-OHP	Spring	3/8	50	5000	-	1/2	3/8	7	x 19 3/4 x 20 1/4	43	
FH496	PW81000-OHP	Spring	3/8	100	5000	-	1/2	1/2	10 1/2	x 24 x 25 3/8	86	
DUAL HYDRAULIC - medium pressure reel ideal for operating hydraulic cylinders, tools and equipment - sold with hose												
FH497	TH88050-OMP	Spring	1/2	50	2000	1/2	1/2	-	13	x 24 x 25 3/8	114	
FUEL DELIVERY - low pressure equipped with Viton® seals & fuel grade hose for mobile & permanent mount applications - sold with hose												
FH498	F7925-OLP	Spring	3/4	25	250	3/4	3/4	-	7	x 19 3/4 x 20 1/4	47	
FH499	F83050-OLP	Spring	3/4	50	250	3/4	3/4	-	10 1/2	x 24 x 25 3/8	89	
FH500	FD84050-OLP	Spring	1	50	250	1	1	-	15 3/4	x 24 x 25 3/8	120	
WELDING REELS - used for a wide variety of gases such as acetylene, Mapp gas, propane gas, natural gas and fuel gases - sold with hose												
FH501	TW7450-OLPT	Spring	1/4	50	200	note 1	1/4	-	7 3/8	x 19 3/4 x 20 1/4	50	
FH502	TW84100-OLPT	Spring	1/4	100	200	note 1	note 2	-	13	x 24 x 25 3/8	101	
STAINLESS STEEL for AIR, WATER or OIL - corrosion-resistant reels - swivels include Viton® O-rings - sold without hose												
FH503	5600-OLS	Spring	3/8	35	500	-	3/8	3/8	6 1/8	x 14 x 14 3/8	22	
FH504	7800-OLS	Spring	1/2	50	500	-	1/2	1/2	7	x 19 3/4 x 20 1/4	41	
FH505	7800-OMS	Spring	1/2	50	3000	-	1/2	1/2	7	x 19 3/4 x 20 1/4	45	
HAND CRANK for AIR or WATER - designed for medium-duty applications requiring longer lengths of hose - sold without hose												
FH506	CA32106L	Manual	1/2	100	1000	-	1/2	1/2	19 3/4	x 17 3/4 x 20 1/4	40	
FH507	CA32112L	Manual	1/2	200	1000	-	1/2	1/2	25 3/4	x 17 3/4 x 20 1/4	46	
FH508	CA33112L	Manual	3/4	100	1000	-	3/4	3/4	19 3/4	x 17 3/4 x 20 1/4	46	
FI060	CB37118L	Manual	1	100	300	-	1	note 3	34	x 17 3/4 x 20 1/4	52	
HOSE REEL CART FOR 12" HAND CRANK REELS - 8" semi-pneumatic rubber tires, adjustable handle, rugged 1" square tubular steel frame												
FH509	600741-2	-	-	-	-	-	-	-	23 3/4	x 27 x 44 1/2	-	

2-Year Limited Warranty - Note 1: 9/16" - 18 UNF Female Note 2: 9/16" - 18 UNF Male Note 3: 1" NPTM
Note 4: Handle height adjustable to 35 5/8", 38 5/8", 41 1/2", 44 1/2" Standard colour as shown - powder coat paint red

TN315



TN318



FH509



TLZ483



HOSE REELS

- Heavy-duty, reinforced steel stampings for increased strength
- For use with air and water
- Compact design allows reels to fit in tight locations
- Multi-position guide arms for multiple mounting options

- Kinkless, oil resistant high quality hose
- Spring rewind features long life spring with declutching arbor
- Durable, corrosion-resistant powder coat paint

aurora tools®

Model No.	Drive Type	Hose I.D."	Hose Length'	Max PSI	Hose Outlet (M) NPT"	Reel Inlet (F) NPT"	W"	Dimensions x D" x H"	Wt. lbs.	Price /Each
TLZ482	Spring	1/4	35	300	1/4	3/8	6	x 15 1/2 x 14	26.6	
TLZ483	Spring	3/8	25	300	1/4	3/8	6	x 15 1/8 x 13 7/8	26.2	
TLZ484	Spring	3/8	35	300	1/4	3/8	6 5/8	x 17 1/2 x 16 1/2	34.7	
TLZ485	Spring	3/8	50	300	1/4	3/8	6 1/2	x 20 x 18 3/8	40.3	
TLZ486	Spring	1/2	50	300	1/2	1/2	6 5/8	x 20 1/4 x 17 7/8	44.3	

HOSES & HOSE CLAMPS

CUT TO LENGTH TUBING



GENERAL PURPOSE FOR COMPRESSED AIR

Characteristics:

- Ideal for compressed air and water service
- Moderate resistance to oil
- Resists heat, sunlight, ozone and weather

Applications:

- Air tools

Specifications:

- Working temperature: 40°F to 200°F (40°C to 93°C)

Construction:

Tube: Black EPDM
Cover: Red EPDM
Reinforcement: Synthetic rubber - multiple textile plies

Model No.	Hose I.D."	Max. PSI	Price /Each Ft.
TA070	1/4	250	
TA071	5/16	300	
TA072	3/8	250	
TA073	1/2	250	
TZ899	3/4	250	



MULTI-PURPOSE MEDIUM OIL RESISTANT (NON-CONDUCTIVE) TUBING

Characteristics:

- Double-reinforced makes it extra strong and tough
- Durable for rugged environmental conditions
- Economical and versatile general purpose hose (air and water)
- Lightweight, flexible
- Performs well in both hot and cold temperatures
- Long service life
- Available in lengths up 700' in one piece

Applications:

- Ideal for air tool and compressed air applications
- Used with all kinds of compressed air equipment found in foundries, shipyards, engineering workshops, construction sites, quarries and mines.

Specifications:

- Working temperature: -29°C to +82°C (-20°F to +180°F)
- Working pressure: 250 PSI two braids

Construction:

Tube: Black nitrile tube, Class A
Cover: Red medium oil resistant nitrile blend, Class B
Reinforcement: Spirals of synthetic yarn

Model No.	Hose I.D."	Hose O.D."	Wt. lbs. per 100'	Price /Each ft.
TA074	1/4	0.5	8	
TA075	3/8	0.72	17	
TA076	1/2	0.88	24	



MULTI-PURPOSE FOR COMPRESSED AIR & FLUIDS

Characteristics:

- High quality multi-purpose hose
- Durable for longer life
- High flexibility
- Abrasion resistance
- Good resistance to oils and greases, gasoline and solvents
- May be used to transmit water, oil and many chemicals up to 300 PSI

Applications:

- Ideal for air tool applications

Specifications:

- Working temperature: -20°F to 250°F (-29°C to 121°C)
- Working pressure: 300 PSI two braids

Construction:

Tube: Black Buna-N
Cover: Red neoprene
Reinforcement: Synthetic fibre braids

Model No.	Hose I.D."	Hose O.D."	Wt. lbs. per 100'	Price /Each Ft.
TA081	1/4	0.63	18	
TA082	3/8	0.72	20	
TA083	1/2	0.88	27	
TZ901	3/4	1.14	43	
TA084	1	1.50	65	

ROLAIR AUTOMATIC REWIND HOSE REELS W/PVC AIR HOSE

- Durable construction, made from high impact resistant polypropylene
- Compact design
- Double adjustment action to lock hose at desired length
- Sealed connection points at swivel and hose inlet to prevent leaks
- Integrated wall/overhead swivel bracket
- Non-sag hose rollers reduce hose wear
- Adjustable hose stopper
- 60" inlet hose included



TLV341

TOPRING

Model No.	Mfg. No.	Hose Width"	Hose Length'	Inlet (M) NPT"	Outlet (M) NPT"	Price /Each
TLV341	79.370	1/4	33	1/4	1/4	
TLV342	79.375	3/8	30	1/4	1/4	
TLV343	79.380	3/8	50	1/4	1/4	

MANUAL REWIND AIR/WATER REELS

- This light weight hand crank reel is designed for general use and lighter-duty applications that require longer lengths of low pressure air/water hoses
- Economical choice for storing and retrieving hoses
- Brass swivel and brass inlet
- Maximum temperature 150°F (65°C)
- Hose not included and assembly is required



FI054

REELCRAFT

Model No	Hose I.D."	Outlet (F)NPT"	Inlet (F)NPT"	Hose Length'	Max PSI	Dimensions W" x D" x H"	Wt lbs.	Price /Each
FI054	3/8	3/8	3/8	50	300	16 3/4 x 10 1/2 x 11 1/2	12	
FI055	3/8	3/8	3/8	100	300	21 1/8 x 10 1/2 x 11 1/2	16	

HOSES & HOSE CLAMPS

HOSE CLAMPS

STAINLESS STEEL BAND & SCREW

5/16" HEX HEAD SCREW 1/2" BAND

Model No.	Mfg. No.	Diameter Min."	Diameter Max."	Price/Each
TLY173	DHCS-6	0.375	0.875	
TLY177	DHCS-8	0.438	1	
TLY152	DHCS-10	0.5	1.125	
TLY154	DHCS-12	0.5	1.25	
TLY157	DHCS-16	0.75	1.5	
TLY160	DHCS-20	0.75	1.75	
TLY164	DHCS-24	1	2	
TLY165	DHCS-28	1.313	2.25	
TLY166	DHCS-32	1.563	2.5	
TLY167	DHCS-36	0.875	2.75	
TLY168	DHCS-40	1.125	3	
TLY169	DHCS-44	1.313	3.25	
TLY170	DHCS-48	1.625	3.5	
TLY171	DHCS-52	1.875	3.75	
TLY172	DHCS-56	2.125	4	
TLY175	DHCS-64	2.625	4.5	
TLY176	DHCS-72	3.125	5	
TLY178	DHCS-80	3.625	5.5	
TLY180	DHCS-88	4.25	6	
TLY181	DHCS-96	4.75	6.5	
TLY153	DHCS-104	4	7	
TLY155	DHCS-128	6.5	8.5	
TLY156	DHCS-152	8	10	
TLY158	DHCS-164	8.75	10.75	
TLY159	DHCS-188	10.25	12.25	
TLY161	DHCS-212	11.75	13.75	



HOSE CLAMPS

STAINLESS STEEL BAND & ZINC PLATED SCREW

MINI-GEAR 1/4" HEX HEAD ZINC PLATED SCREW 5/16" BANDS

Model No.	Mfg. No.	Diameter Min."	Diameter Max."	Price/Each
TLY289	DMHC6-4	0.219	0.625	
TLY290	DMHC6-5	0.438	0.6875	
TLY291	DMHC6-6	0.438	0.875	
TLY292	DMHC6-8	0.438	1	
TLY286	DMHC6-10	0.5	1.063	
TLY287	DMHC6-12	0.563	1.25	
TLY288	DMHC6-16	0.813	1.75	



2-EAR HOSE CLAMPS

Model No.	Mfg. No.	Size"	Price/Each
320-2020	305	3/16	
320-2040	507	1/4	
320-2060	709	5/16	
320-2070	811	3/8	
320-2090	1113	1/2	
320-2110	1315	9/16	
320-2130	1517	19/32	
320-2140	1518	5/8	
320-2150	1720	3/4	
320-2170	1922	13/16	
320-2180	2023	7/8	
320-2210	2327	1	



HOSE CLAMPS

STAINLESS STEEL BAND & ZINC PLATED SCREW

5/16" HEX HEAD SCREW 1/2" BAND

Model No.	Mfg. No.	Diameter Min."	Diameter Max."	Price/Each
TLY205	DHC6-6	0.375	0.875	
TLY208	DHC6-8	0.438	1	
TLY182	DHC6-10	0.5	1.125	
TLY185	DHC6-12	0.5	1.25	
TLY188	DHC6-16	0.75	1.5	
TLY191	DHC6-20	0.75	1.75	
TLY195	DHC6-24	1	2	
TLY196	DHC6-28	1.313	2.25	
TLY198	DHC6-32	1.563	2.5	
TLY199	DHC6-36	0.875	2.75	
TLY200	DHC6-40	1.125	3	
TLY201	DHC6-44	1.313	3.25	
TLY202	DHC6-48	1.625	3.5	
TLY203	DHC6-52	1.875	3.75	
TLY204	DHC6-56	2.125	4	
TLY206	DHC6-64	2.625	4.5	
TLY207	DHC6-72	3.125	5	
TLY209	DHC6-80	3.625	5.5	
TLY210	DHC6-88	4.25	6	
TLY211	DHC6-96	4.75	6.5	
TLY183	DHC6-104	4	7	
TLY184	DHC6-116	5.75	7.75	
TLY186	DHC6-128	6.5	8.5	
TLY187	DHC6-152	8	10	
TLY189	DHC6-164	8.75	10.75	
TLY190	DHC6-188	10.25	12.25	
TLY760	DHC6-200	11	13	
TLY192	DHC6-212	11.75	13.75	



1-EAR HOSE CLAMPS

Model No.	Mfg. No.	Size"	Price/Each
TLY259	DHC8-6	3/8	
TLY260	DHC8-7	7/16	
TLY261	DHC8-7 1/2	15/32	
TLY262	DHC8-8 1/2	1/2	
TLY264	DHC8-9	9/16	
TLY212	DHC8-10	5/8	
TLY213	DHC8-11	11/16	
TLY215	DHC8-12	3/4	
TLY216	DHC8-13	13/16	
TLY217	DHC8-14	7/8	
TLY218	DHC8-15	15/16	
TLY219	DHC8-16	1	



HOSE CLAMPS

STAINLESS STEEL BAND & SCREW

MINI-GEAR 1/4" HEX HEAD SCREW 5/16" BANDS

Model No.	Mfg. No.	Diameter Min."	Diameter Max."	Price/Each
TLY283	DMHCS-4	0.219	0.625	
TLY284	DMHCS-5	0.316	0.875	
TLY285	DMHCS-8	0.438	1	
TLY281	DMHCS-12	0.563	1.25	



KEY TURN HOSE CLAMPS

- Zinc Plated Screw
Stainless Steel Band
- TLY752 and TLY753 will accept 22 to 24 inch/lbs. of torque on the key
- Item TLY754 to TLY758 will accept 40 to 50 inch/lbs. of torque on the key



TWO EAR CLAMP

Model No.	Mfg. No.	Size	Price/Each
TLY752	DKTC12-04	6-16 mm	
TLY753	DKTC12-06	8-22 mm	
TLY754	DKTC12-12	12.7-31.7 mm	
TLY755	DKTC12-20	19-44.4 mm	
TLY756	DKTC12-28	31.7-57 mm	
TLY757	DKTC12-36	44.4-69.8 mm	
TLY758	DKTC12-100	100-125 mm	

FITTINGS, COUPLERS & VALVES

P.T.C. TEES



TS681



BC209

Size"	Brass Model No.	Price /Each	Composite Model No.	Price /Each
1/8	TS681		BC209	
5/32	TS682		TLY824	
3/16	TDX116		-	-
1/4	TS683		TLY823	
3/8	TQ873		TLY825	
1/2	TS685		TLY826	

P.T.C. MALE CONNECTORS



TS625



TS987

Size"	Brass Model No.	Price /Each	Composite Model No.	Price /Each
1/8 x 1/8	TS625		TS987	
5/32 x 1/8	TS627		TS989	
5/32 x 1/4	TS628		TS990	
5/32 x 10-32	TBX570		TS988	
3/16 x 10-32	TBU474		-	-
3/16 x 1/8	TBX862		-	-
1/4 x 10-32	TBX571		BC200	
1/4 x 5/32	TLV765		-	-
1/4 x 1/8	TS629		TLV009	
1/4 x 1/4	TQ876		TLV010	
1/4 x 3/8	TBY078		TLV011	
3/8 x 1/8	TS631		TLV012	
3/8 x 1/4	TS632		TLV013	
3/8 x 3/8	TS633		TLV014	
3/8 x 1/2	TS634		TLV015	
1/2 x 1/4	TS635		TLV016	
1/2 x 3/8	TQ878		TLV017	
1/2 x 1/2	TQ879		TLV018	

P.T.C. MALE CONNECTORS



TBX574



TS991

Size"	Brass Model No.	Price /Each	Composite Model No.	Price /Each
1/4 x 1/8	TBX574		TS991	
1/4 x 1/4	TBX575		TS992	
3/8 x 1/4	TBX576		TS998	

P.T.C. SWIVEL ELBOWS



TS651



BT500

Size"	Brass Swivel Model No.	Price /Each	Brass Non Swivel Model No.	Price /Each	Composite Swivel Model No.	Price /Each
1/8 x 1/8	TS651		TBX012		BT500	
5/32 x 1/8	TQ880		TS643		-	-
5/32 x 1/4	TS653		-	-	BT503	
5/32 x 10-32	TS652		-	-	BT501	
1/4 x 10-32	TBV119		-	-	BC206	
1/4 x 1/8	TQ881		TS644		BT504	
1/4 x 1/4	TS654		TQ877		BT505	
1/4 x 3/8	TBX015		TLV767		BT506	
3/8 x 1/8	TS655		TBX016		TLY847	
3/8 x 1/4	TS656		TS647		TLY848	
3/8 x 3/8	TS657		TQ884		TLY849	
3/8 x 1/2	TU961		-	-	TA351	
1/2 x 3/8	TQ883		TBX020		BT514	
1/2 x 1/2	TS658		-	-	-	-

P.T.C. SWIVEL MALE BRANCH TEES



TLY769



BT502

Size"	Brass Model No.	Price /Each	Composite Model No.	Price /Each
1/8 x 1/8	TLY769		TA360	
5/32 x 1/8	TS674		BT502	
5/32 x 10-32	TBV373		TLV785	
1/4 x 1/8	TS675		BT522	
1/4 x 1/4	TS676		BT523	
3/8 x 1/4	TS677		BT526	
3/8 x 3/8	TS678		BT527	
1/2 x 3/8	TBV476		BC208	
1/2 x 1/2	TBV477		TA369	

P.T.C. UNION



TA338

Composite Model No.	Tube Size"	Thread Size"	Price /Each
TA338	1/8	1/8	
TA339	1/4	1/4	
TA340	3/8	3/8	
TA342	1/2	1/2	

P.T.C. MALE SWIVEL RUN TEES



TBY624



TA374

Size"	Brass Model No.	Price /Each	Composite Model No.	Price /Each
1/8 x 1/8	TBY624		TA374	
5/32 x 1/8	TBY326		TLY818	
3/16 x 1/8	TBY327		-	-
1/4 x 1/8	TBY625		TLY816	
1/4 x 1/4	TBY626		TLY817	
3/8 x 1/8	TBY627		TLY819	
3/8 x 1/4	TBY628		TLY820	
3/8 x 3/8	TBY629		TLY821	
1/2 x 3/8	TBY630		TLY822	

TUBING

- Roll length: 100'

NYLON TUBING

- Working temperature: -60 to 200°F, -40°C to 80°C

POLYETHYLENE TUBING

- Working temperature: -50° to 140° F, -45° to 60°C



Model No.	Tube O.D."	Tube I.D."	Maximum Working Pressure PSI	Price /Each
NYLON TUBING				
TA299	1/4	0.180	250	
TA301	3/8	0.275	250	
TA302	1/2	0.375	250	
POLYETHYLENE TUBING				
TA309	1/4	0.170	140	
TA310	3/8	0.250	125	
TA311	1/2	0.375	100	

FITTINGS, COUPLERS & VALVES

HEX PIPE NIPPLES



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV543	D122-A	
1/4	TDV544	D122-B	
3/8	TDV545	D122-C	
1/2	TDV546	D122-D	
3/4	TDV547	D122-E	
1	TDV816	D122-F	

PIPE PLUGS COUNTERSUNK HEX



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV418	D118-A	
1/4	TDV419	D118-B	
3/8	TDV420	D118-C	
1/2	TDV421	D118-D	
3/4	TDV422	D118-E	

PIPE PLUG HEX HEADS



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV045	D121-A	
1/4	TDV046	D121-B	
3/8	TDV047	D121-C	
1/2	TDV048	D121-D	
3/4	TDV049	D121-E	
1	TDV432	D121-F	

PIPE ADAPTERS

FEMALE TO MALE REDUCING



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	TDV424	D120-BA	
3/8 x 1/8	TBV820	D120-CA	
3/8 x 1/4	TDV426	D120-CB	
1/2 x 1/4	TDV428	D120-DB	
1/2 x 3/8	TDV429	D120-DC	
3/4 x 1/2	TDV431	D120-ED	

PIPE BUSHINGS



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	TDV406	D110-BA	
3/8 x 1/8	TDV407	D110-CA	
3/8 x 1/4	TDV408	D110-CB	
1/2 x 1/8	TDV409	D110-DA	
1/2 x 1/4	TDV410	D110-DB	
1/2 x 3/8	MLM712	D110-DC	
3/4 x 1/8	TDV412	D110-EA	
3/4 x 1/4	TDV413	D110-EB	
3/4 x 3/8	MLM590	D110-EC	
3/4 x 1/2	TDV415	D110-ED	
1 x 1/4	TDV668	D110-FB	
1 x 3/8	TDV669	D110-FC	
1 x 1/2	TDV670	D110-FD	
1 x 3/4	TDV671	D110-FE	

MALE PIPE ELBOWS 90°



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDX340	D99-A	
1/4	TDX341	D99-B	
1/4 x 1/8	TDX231	D99-BA	
3/8	TDX342	D99-C	
3/8 x 1/4	TDX232	D99-CB	
1/2	TDX343	D99-D	
1/2 x 3/8	TDX233	D99-DC	

HEX PIPE NIPPLES REDUCING



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	MLM721	D122-BA	
3/8 x 1/4	TBX435	D122-CB	
1/2 x 1/4	TBX436	D122-DB	
3/4 x 1/2	TBX438	D122-ED	

BRANCH TEES EXTRUDED MALE ON BRANCH



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDX155	D106-A	
1/4	TDX156	D106-B	
3/8	TDX157	D106-C	
1/2	TDX234	DF106-D	

PIPE COUPLINGS



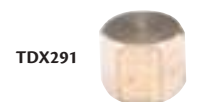
Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV799	D103-A	
1/4	TDV800	D103-B	
3/8	TDV801	D103-C	
1/2	TDV802	D103-D	
3/4	TDV803	D103-E	

HEX PIPE NIPPLES REDUCING



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
3/8 x 1/8	TBX434	D122-CA	
1/2 x 3/8	TBX437	D122-DC	

PIPE CAPS



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDX291	D108-A	
1/4	TDX292	D108-B	
3/8	TDX293	D108-C	
1/2	TDX294	D108-D	
3/4	TDX295	D108-E	

MALE PIPE TEES



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV950	DM101-A	
1/4	TDV951	DM101-B	
3/8	TDV952	DM101-C	
1/2	TBV137	DM101-D	
3/4	TBV138	DM101-E	

PIPE ADAPTERS

FEMALE TO MALE



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8 x 1/8	TDV423	D120-AA	
1/4 x 1/4	TDV425	D120-BB	
3/8 x 3/8	TDV427	D120-CC	
1/2 x 1/2	TDV430	D120-DD	

PIPE ELBOWS 45° EXTRUDED



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV039	D105-A	
1/4	TDV040	D105-B	

PIPE REDUCING COUPLINGS



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	TBZ106	D119-BA	
3/8 x 1/8	TBZ107	D119-CA	
3/8 x 1/4	TBZ108	D119-CB	
1/2 x 1/4	TBZ110	D119-DB	
1/2 x 3/8	TBZ111	D119-DC	
1/2 x 1/8	TBZ109	D119-DA	
3/4 x 1/2	TBZ113	D119-ED	

SQUARE HEAD PIPE PLUGS



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TBZ288	D109-A	
1/4	TBZ289	D109-B	
3/8	TBZ290	D109-C	
1/2	TBZ291	D109-D	
3/4	TBZ292	D109-E	
1	TBZ819	D109-F	

STREET TEES



Brass Pipe Fittings			
Size"	Model No.	Mfg. No.	Price/Each
1/8	TA471	41.283	
1/4	TDX159	D107-B	
3/8	TDX160	D107-C	
1/2	TDX161	D107-D	
3/4	TBZ818	D107-E	

FITTINGS, COUPLERS & VALVES

COMPRESSION ELBOWS 90°

TUBE TO TUBE

TBY758



Model No.	Mfg. No.	Size"	Price/Each
TBY758	D65-2	1/8	
TBY466	D65-3	3/16	
TBY759	D65-4	1/4	
TBY467	D65-5	5/16	
TBY760	D65-6	3/8	
TBY468	D65-6-4	3/8 x 1/4	
TBY469	D65-7	7/16	
TBY761	D65-8	1/2	
TBY470	D65-8-6	1/2 x 3/8	

COMPRESSION ELBOWS 90°

TUBE TO MALE PIPE

TBX736



Model No.	Mfg. No.	Size"	Price/Each
TBX736	D69-2A	1/8 x 1/8	
TBX404	D69-3A	3/16 x 1/8	
TBX405	D69-3B	3/16 x 1/4	
TBX737	D69-4A	1/4 x 1/8	
TBX738	D69-4B	1/4 x 1/4	
TBX739	D69-4C	1/4 x 3/8	
TBX740	D69-4D	1/4 x 1/2	
TBX406	D69-5A	5/16 x 1/8	
TBX407	D69-5B	5/16 x 1/4	
TBX408	D69-5C	5/16 x 3/8	
TBX741	D69-6A	3/8 x 1/8	
TBX742	D69-6B	3/8 x 1/4	
TBX743	D69-6C	3/8 x 3/8	
TBX744	D69-6D	3/8 x 1/2	
TBX745	D69-6E	3/8 x 3/4	
TBX409	D69-7B	7/16 x 1/4	

COMPRESSION UNIONS

TDV239



Model No.	Mfg. No.	Size"	Price/Each
TDV234	D62-2	1/8	
TDV235	D62-3	3/16	
TDV398	D62-4	1/4	
TDV236	D62-5	5/16	
TDV399	D62-6	3/8	
TDV037	D62-7	7/16	
TDV237	D62-8	1/2	
TDV238	D62-10	5/8	
TDV239	D62-12	3/4	
TDV240	D62-14	7/8	

COMPRESSION CONNECTORS

TUBE TO MALE PIPE

TBX716



Model No.	Mfg. No.	Size"	Price/Each
TBX716	D68-2A	1/8 x 1/8	
TBX388	D68-3A	3/16 x 1/8	
TBX389	D68-3B	3/16 x 1/4	
TBX717	D68-4A	1/4 x 1/8	
TBX718	D68-4B	1/4 x 1/4	
TBX719	D68-4C	1/4 x 3/8	
TBX720	D68-4D	1/4 x 1/2	
TBX390	D68-5A	5/16 x 1/8	
TBX391	D68-5B	5/16 x 1/4	
TBX392	D68-5C	5/16 x 3/8	
TBX393	D68-5D	5/16 x 1/2	
TBX721	D68-6A	3/8 x 1/8	
TBX722	D68-6B	3/8 x 1/4	
TBX723	D68-6C	3/8 x 3/8	
TBX724	D68-6D	3/8 x 1/2	
TBX725	D68-6E	3/8 x 3/4	
TBX170	D68-7A	7/16 x 1/8	

COMPRESSION REDUCING UNIONS

TBY002



Model No.	Mfg. No.	Size"	Price/Each
TBY002	D62-8-6	1/2 x 3/8	
TBY001	D62-4-2	1/4 x 1/8	
TBX694	D62-4-3	1/4 x 3/16	
TBX695	D62-5-4	5/16 x 1/4	
TBX096	D62-6-4	3/8 x 1/4	
TBX696	D62-6-5	3/8 x 5/16	
TBY003	D62-10-6	5/8 x 3/8	
TBY004	D62-10-8	5/8 x 1/2	

COMPRESSION SEALING PLUGS

Model No.	Mfg. No.	Size"	Price/Each
TDV405	D67-4	1/4	

COMPRESSION TEES

TUBE ALL ENDS

TDV528



Model No.	Mfg. No.	Size"	Price/Each
TDV528	D64-2	1/8	
TDV402	D64-3	3/16	
TDV529	D64-4	1/4	
TBX377	D64-4-2	1/4 x 1/4 x 1/8	
TBX169	D64-4-3	1/4 x 1/4 x 3/16	
TBX378	D64-4-6	1/4 x 1/4 x 3/8	
TDV403	D64-5	5/16	
TDV530	D64-6	3/8	
TBX379	D64-6-4	3/8 x 3/8 x 1/4	
TBV652	D64-6-4-4	3/8 x 1/4 x 1/4	
TDV531	D64-8	1/2	
TBX380	D64-8-4	1/2 x 1/2 x 1/4	
TBX381	D64-8-6	1/2 x 1/2 x 3/8	
TDV532	D64-10	5/8	
TBX382	D64-10-8	5/8 x 5/8 x 1/2	
TDV533	D64-12	3/4	
TDV534	D64-14	7/8	

COMPRESSION CONNECTORS

TUBE TO FEMALE PIPE

TBX697



Model No.	Mfg. No.	Size"	Price/Each
TBX697	D66-2A	1/8 x 1/8	
TBX383	D66-3A	3/16 x 1/8	
TBX384	D66-3B	3/16 x 1/4	
TBX698	D66-4A	1/4 x 1/8	
TBY240	D66-4B	1/4 x 1/4	
TBX699	D66-4C	1/4 x 3/8	
TBX700	D66-4D	1/4 x 1/2	
TBX385	D66-5A	5/16 x 1/8	
TBX386	D66-5B	5/16 x 1/4	
TBX387	D66-5C	5/16 x 3/8	
TBX701	D66-6A	3/8 x 1/8	
TBX702	D66-6B	3/8 x 1/4	
TBX703	D66-6C	3/8 x 3/8	
TBX704	D66-6D	3/8 x 1/2	
TBX705	D66-6E	3/8 x 3/4	
TBX706	D66-8B	1/2 x 1/4	
TBX707	D66-8C	1/2 x 3/8	
TBX708	D66-8D	1/2 x 1/2	
TBX709	D66-8E	1/2 x 3/4	
TBX710	D66-10C	5/8 x 3/8	

FITTINGS, COUPLERS & VALVES

FLARE ELBOWS 45° FORGED

TUBE TO MALE PIPE

TBV328



SAE 45° FLARE FITTINGS

Model No.	Mfg. No.	Size"	Price/Each
TBV328	DF54-4A	1/4 x 1/8	
TBV329	DF54-4B	1/4 x 1/4	
TBV330	DF54-4C	1/4 x 3/8	
TBV187	DF54-5A	5/16 x 1/8	
TBV188	DF54-5B	5/16 x 1/4	
TBV331	DF54-6B	3/8 x 1/4	
TBV332	DF54-6C	3/8 x 3/8	
TBV333	DF54-6D	3/8 x 1/2	

FLARE NUT FORGED SHORT STANDARD

TBY443



SAE 45° FLARE FITTINGS

Model No.	Mfg. No.	Size"	Price/Each
TBY443	D40-3	3/16	
TBY733	D40-4	1/4	
TBX373	D40-4-3	1/4 x 3/16	
TBY444	D40-5	5/16	
TBX374	D40-5-4	5/16 x 1/4	
TBY734	D40-6	3/8	
TBX674	D40-6-4	3/8 x 1/4	
TBX375	D40-6-5	3/8 x 5/16	

FLARE COPPER GASKETS

TBZ627



SAE 45° FLARE FITTINGS

Model No.	Mfg. No.	Size"	Price/Each
TBZ627	D59-3	3/16	
TBZ797	D59-4	1/4	
TBZ628	D59-5	5/16	
TBZ798	D59-6	3/8	

FLARE ELBOWS 90° FORGED

TUBE TO MALE PIPE

TBV290



SAE 45° FLARE FITTINGS

Model No.	Mfg. No.	Size"	Price/Each
TBV290	DF49-2A	1/8 x 1/8	
TBV179	DF49-3A	3/16 x 1/8	
TBV180	DF49-3B	3/16 x 1/4	
TBV291	DF49-4A	1/4 x 1/8	
TBV292	DF49-4B	1/4 x 1/4	
TBV293	DF49-4C	1/4 x 3/8	
TBV294	DF49-4D	1/4 x 1/2	
TBV181	DF49-5A	5/16 x 1/8	
TBV182	DF49-5B	5/16 x 1/4	
TBV183	DF49-5C	5/16 x 3/8	
TBV295	DF49-6A	3/8 x 1/8	
TBV296	DF49-6B	3/8 x 1/4	
TBV297	DF49-6C	3/8 x 3/8	
TBV298	DF49-6D	3/8 x 1/2	
TBV299	DF49-6E	3/8 x 3/4	

FLARE ELBOWS 90° FORGED

TUBE TO TUBE

TBU852



SAE 45° FLARE FITTINGS

Model No.	Mfg. No.	Size"	Price/Each
TBU852	DF55-3	3/16	
TBU921	DF55-4	1/4	
TBU853	DF55-5	5/16	
TBU922	DF55-6	3/8	
TBU594	DF55-6-4	3/8 x 1/4	



Canada's Leading Material Handling Supplier





FITTINGS, COUPLERS & VALVES

ELBOWS 90°

Class 150 Malleable
Iron Pipe Fittings



TBY636

Size"	Model No.	Mfg. No.	Price/Each
1/8	TBY636	DBM100-A	
1/4	TBY637	DBM100-B	
1/4 x 1/8	TBU887	DBM100-BA	
3/8	TBY986	DBM100-C	
3/8 x 1/4	TBV219	DBM100-CB	
1/2	TBY987	DBM100-D	
1/2 x 1/4	TBV220	DBM100-DB	
1/2 x 3/8	TBV221	DBM100-DC	
3/4	TBY988	DBM100-E	
3/4 x 3/8	TBV222	DBM100-EC	
3/4 x 1/2	TBV223	DBM100-ED	
1	TBZ410	DBM100-F	
1 x 1/2	TBV478	DBM100-FD	
1 x 3/4	TBV479	DBM100-FE	
1 1/4	TBY328	DBM100-G	
1 1/4 x 1/2	TBU946	DBM100-GD	

STREET ELBOWS 90°

Class 150 Malleable
Iron Pipe Fittings



TBX040

Size"	Model No.	Mfg. No.	Price/Each
1/8	TBX040	DBM116-A	
1/4	TBX041	DBM116-B	
3/8	TBX042	DBM116-C	
1/2	TBX043	DBM116-D	
3/4	TBX044	DBM116-E	
1	TBX586	DBM116-F	
1 1/4	TBV737	DBM116-G	
1 1/2	MLM511	DBM116-H	
2	MLM480	DBM116-I	

HEX BUSHINGS

Class 150 Malleable
Iron Pipe Fittings



TBX021

Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	TBX021	DBM110-BA	
3/8 x 1/8	TBX022	DBM110-CA	
3/8 x 1/4	TBX023	DBM110-CB	
1/2 x 1/8	TBX024	DBM110-DA	
1/2 x 1/4	TBX025	DBM110-DB	
1/2 x 3/8	TBX026	DBM110-DC	
3/4 x 1/8	TBX027	DBM110-EA	
3/4 x 1/4	TBX028	DBM110-EB	
3/4 x 3/8	MLM709	DBM110-EC	
3/4 x 1/2	TBX030	DBM110-ED	
1 x 1/4	TBX580	DBM110-FB	
1 x 3/8	MLM666	DBM110-FC	
1 x 1/2	TBX582	DBM110-FD	
1 x 3/4	MLM667	DBM110-FE	
1 1/4 x 1/4	TBV729	DBM110-GB	
1 1/4 x 3/8	TBV730	DBM110-GC	

FLOOR FLANGES

Class 150 Malleable
Iron Pipe Fittings



TBX918

Size"	Model No.	Mfg. No.	Price/Each
1/4	TBX918	DBMFF-B	
3/8	TBX919	DBMFF-C	
1/2	TBX920	DBMFF-D	
3/4	TBX921	DBMFF-E	
1	TBY369	DBMFF-F	
1 1/4	TBX304	DBMFF-G	
1 1/2	TBX305	DBMFF-H	
2	TBY370	DBMFF-I	

CLOSE NIPPLES

Black Iron

TDV902



Size"	Model No.	Mfg. No.	Price/Each
1/8 x CLOSE	TDV902	DBM112-A	
1/4 x CLOSE	TDV903	DBM112-B	
3/8 x CLOSE	TBX899	DBM112-C	
1/2 x CLOSE	TBX900	DBM112-D	
3/4 x CLOSE	TBX901	DBM112-E	
1 x CLOSE	TBY339	DBM112-F	
1 1/4 x CLOSE	TBX290	DBM112-G	
1 1/2 x CLOSE	TBX291	DBM112-H	
2 x CLOSE	TBY340	DBM112-I	
2 1/2 x CLOSE	MLM520	DBM112-J	
3 x CLOSE	TBY341	DBM112-K	
4 x CLOSE	TBY342	DBM112-L	

REDUCING COUPLINGS

Class 150 Malleable
Iron Pipe Fittings



TBV231

Size"	Model No.	Mfg. No.	Price/Each
1/4 x 1/8	TBV231	DBM119-BA	
3/8 x 1/8	TBV232	DBM119-CA	
3/8 x 1/4	TBV233	DBM119-CB	
1/2 x 1/8	TBV234	DBM119-DA	
1/2 x 1/4	TBV235	DBM119-DB	
1/2 x 3/8	TBV236	DBM119-DC	
3/4 x 1/4	TBV237	DBM119-EB	
3/4 x 3/8	TBV238	DBM119-EC	
3/4 x 1/2	TBV239	DBM119-ED	
1 x 1/4	TBV485	DBM119-FB	
1 x 3/8	TBV486	DBM119-FC	
1 x 1/2	TBV487	DBM119-FD	
1 x 3/4	TBV488	DBM119-FE	
1 1/4 x 1/2	TBU953	DBM119-GD	
1 1/4 x 3/4	TBU954	DBM119-GE	
1 1/4 x 1	TBV240	DBM119-GF	
1 1/2 x 1/2	TBU955	DBM119-HD	
1 1/2 x 3/4	TBU956	DBM119-HE	
1 1/2 x 1	TBV241	DBM119-HF	

FITTINGS, COUPLERS & VALVES

TEES

Class 150 Malleable
Iron Pipe Fittings



TDV166

Size"	Model No.	Mfg. No.	Price/Each
1/8	TDV166	DBM101-A	
1/4	MLB513	DBM101-B	
3/8	MLB514	DBM101-C	
1/2	MLB546	DBM101-D	
3/4	MLB472	DBM101-E	
1	MLB371	DBM101-F	
1 1/4	TBZ720	DBM101-G	

UNIONS

Class 150 Malleable
Iron Pipe Fittings



TBZ727

Size"	Model No.	Mfg. No.	Price/Each
1/8	TBZ727	DBM104-A	
1/4	TBZ728	DBM104-B	
3/8	TBZ729	DBM104-C	
1/2	TBZ730	DBM104-D	
3/4	TBZ731	DBM104-E	
1	TDV173	DBM104-F	
1 x 1/2	TBY088	DBM104-FD	
1 x 1/2	TBY089	DBM104-FE	
1 1/4	TBZ183	DBM104-G	
1 1/2	TBZ184	DBM104-H	

REDUCING ELBOWS 90°

Galvanized



TLY067

Size"	Model No.	Mfg. No.	Price/Each
1/2 x 3/8	TLY067	DBMG100-DC	
3/4 x 1/2	TLY069	DBMG100-ED	
1 x 1/2	TLY072	DBMG100-FD	
1 x 3/4	TLY073	DBMG100-FE	

COUPLINGS

Class 150 Malleable
Iron Pipe Fittings



TBY989

Size"	Model No.	Mfg. No.	Price/Each
1/8	TBY989	DBM103-A	
1/4	TBY990	DBM103-B	
3/8	TBY991	DBM103-C	
1/2	TBY992	DBM103-D	
3/4	TBY993	DBM103-E	
1	TBZ414	DBM103-F	

LONG NIPPLES



TLZ943

Black Iron				Galvanized		
Size"	Model No.	Mfg. No.	Price/Each	Model No.	Mfg. No.	Price/Each
1/8 x 1 1/2	TLZ943	DBM113-A1 1/2	-	-	-	-
1/8 x 2	TLZ947	DBM113-A2	-	-	-	-
1/8 x 2 1/2	TLZ948	DBM113-A2 1/2	-	-	-	-
1/8 x 3	TLZ949	DBM113-A3	-	-	-	-
1/8 x 3 1/2	TLZ950	DBM113-A3 1/2	-	-	-	-
1/8 x 4	TDX191	DBM113-A4	-	-	-	-
1/8 x 4 1/2	TLZ951	DBM113-A4 1/2	-	-	-	-
1/8 x 5	TDX192	DBM113-A5	-	-	-	-
1/8 x 5 1/2	TLZ952	DBM113-A5 1/2	-	-	-	-
1/8 x 6	TDX193	DBM113-A6	-	-	-	-
1/8 x 7	TLZ953	DBM113-A7	-	-	-	-
1/8 x 8	TLZ954	DBM113-A8	-	-	-	-
1/8 x 9	TLZ955	DBM113-A9	-	-	-	-
1/8 x 10	TLZ944	DBM113-A10	-	-	-	-
1/8 x 11	TLZ945	DBM113-A11	-	-	-	-
1/8 x 12	TLZ946	DBM113-A12	-	-	-	-
1/4 x 1 1/2	TLZ956	DBM113-B1 1/2	-	-	-	-
1/4 x 2	TDX194	DBM113-B2	-	-	-	-
1/4 x 2 1/2	TLZ960	DBM113-B2 1/2	-	-	-	-
1/4 x 3	TDX195	DBM113-B3	-	-	-	-
1/4 x 3 1/2	TLZ961	DBM113-B3 1/2	-	-	-	-
1/4 x 4	TDX196	DBM113-B4	-	-	-	-
1/4 x 4 1/2	TLZ962	DBM113-B4 1/2	-	-	-	-
1/4 x 5	TDX197	DBM113-B5	-	-	-	-
1/4 x 5 1/2	TLZ963	DBM113-B5 1/2	-	-	-	-
1/4 x 6	TDX198	DBM113-B6	-	-	-	-
1/4 x 7	TLZ964	DBM113-B7	-	-	-	-
1/4 x 8	TLZ965	DBM113-B8	-	-	-	-
1/4 x 9	TLZ966	DBM113-B9	-	-	-	-
1/4 x 10	TLZ957	DBM113-B10	-	-	-	-
1/4 x 11	TLZ958	DBM113-B11	-	-	-	-
1/4 x 12	TLZ959	DBM113-B12	-	-	-	-
3/8 x 1 1/2	TLZ967	DBM113-C1 1/2	-	-	-	-
3/8 x 2	TBZ002	DBM113-C2	-	-	-	-
3/8 x 2 1/2	TLZ971	DBM113-C2 1/2	-	-	-	-
3/8 x 3	TBZ003	DBM113-C3	-	-	-	-
3/8 x 3 1/2	TLZ972	DBM113-C3 1/2	-	-	-	-
3/8 x 4	TBZ004	DBM113-C4	-	-	-	-
3/8 x 5	TBZ005	DBM113-C5	-	-	-	-
3/8 x 5 1/2	TLZ974	DBM113-C5 1/2	-	-	-	-
3/8 x 6	TBZ006	DBM113-C6	-	-	-	-
3/8 x 8	TLZ975	DBM113-C8	-	-	-	-
3/8 x 10	TLZ968	DBM113-C10	-	-	-	-
3/8 x 11	TLZ969	DBM113-C11	-	-	-	-
3/8 x 12	TLZ970	DBM113-C12	-	-	-	-
1/2 x 1 1/2	TLZ976	DBM113-D1 1/2	-	TLY105	DBMG113-D11/2	-
1/2 x 2	TBZ007	DBM113-D2	-	TLY106	DBMG113-D2	-
1/2 x 2 1/2	TLZ980	DBM113-D2 1/2	-	TLY107	DBMG113-D21/2	-
1/2 x 3	TBZ008	DBM113-D3	-	TLY108	DBMG113-D3	-

CROSSES

Class 150 Malleable
Iron Pipe Fittings



TBZ725

Size"	Model No.	Mfg. No.	Price/Each
1/4	TBZ723	DBM102-B	
3/8	TBZ724	DBM102-C	
1/2	TBZ725	DBM102-D	

Can't find what
you're looking for?
Call us today!





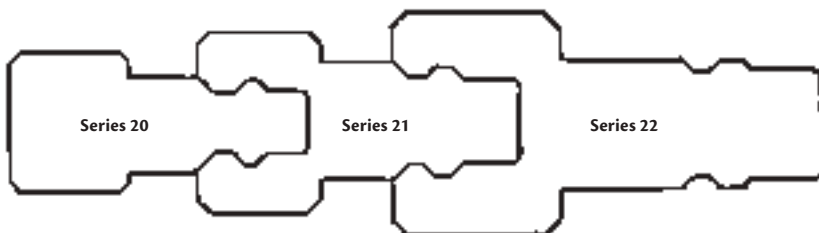
TOPRING

SERIES & SIZES

To determine correct series place plug directly on page. Reference only, slight difference may occur in printing

INDUSTRIAL (MIL-C-4109)
ISO 6150-B-12/15/17
PARKER 20/30
HANSEN 3000/4000/5000

I/M	I/M	I/M
1/4"	3/8"	1/2"



ARO 210
PARKER 50
DILL

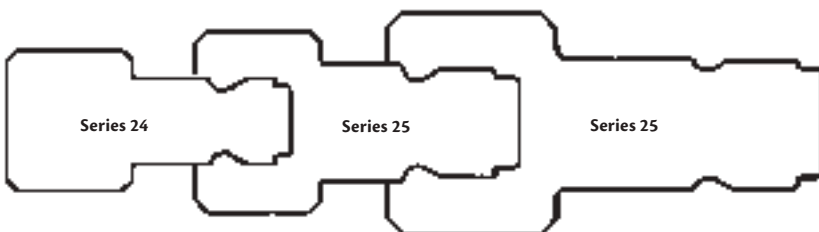
A
1/4"



AUTOMOTIVE
TRUFLATE
CP

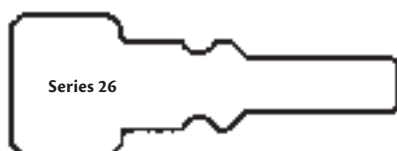
PARKER 10
AMFLO
DILL

T	T	T
1/4"	3/8"	1/2"



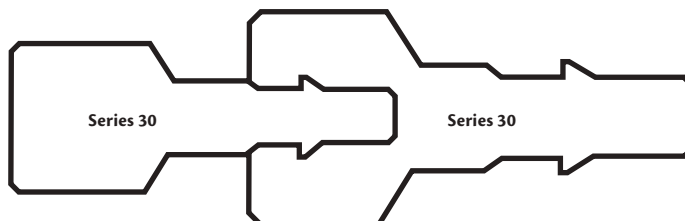
LINCOLN

L
1/4"



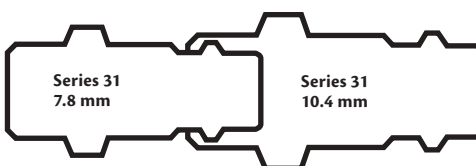
STÄUBLI
ISO-6150-C

S	S
1/4"	3/8"



EUROPEAN 7.8 MM/10.4 MM
CEJN 320/410

E	E
7.8	10.4



FITTINGS, COUPLERS & VALVES

QUICK COUPLERS

High performance, corrosion resistant quick couplers built to interchange with industrial type couplings. Offer a higher flow for maximum on-line performance of hand-held air tools. Heavy-duty, high quality design.

TOPRING

Industrial Plug
TA249



Industrial Automax
Automatic Coupler
TZ184



Industrial Maxquik
Manual Coupler
TA268



Industrial Automax
Automatic Coupler
TZ228



1/4 INDUSTRIAL INTERCHANGE

1/4 INDUSTRIAL PLUGS

- Zinc Plated or Stainless Steel 304
- Corrosion resistant

1/4 INDUSTRIAL AUTOMAX COUPLERS

- Automatic push-to-connect operation
- Proven and positive connection using pin-lock mechanism
- Max 250 PSI
- 37 SCFM

1/4 INDUSTRIAL MAXQUIK COUPLERS

- Manual operation
- Sleeve guard prevents accidental disconnection
- Max 250 PSI
- 24 SCFM

Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each
FEMALE THREAD (F) NPT											
1/8	TA243	20.122	-	1/8	-	-	-	1/8	-	-	-
1/4	TA244	20.142	-	1/4	TZ184	20.444	-	1/4	TA268	20.842	-
1/4 (Stainless)	TLV344	20.146	-	1/4 (Stainless)	-	-	-	1/4 (Stainless)	-	-	-
3/8	TA245	20.162	-	3/8	-	-	-	3/8	TA269	20.862	-
MALE THREAD (M) NPT											
1/8	TA247	20.222	-	1/8	-	-	-	1/8	-	-	-
1/4	TA248	20.242	-	1/4	TZ185	20.644	-	1/4	TA271	20.942	-
1/4 (w/thread sealant)	TLV345	20.248	-	1/4 (w/thread sealant)	-	-	-	1/4 (w/thread sealant)	-	-	-
1/4 (Stainless)	TLV346	20.246	-	1/4 (Stainless)	-	-	-	1/4 (Stainless)	TLV348	20.946	-
3/8	TA249	20.262	-	3/8	TZ227	20.664	-	3/8	TA272	20.962	-
HOSE BARB											
1/4 I.D.	TA252	20.342	-	1/4 I.D.	TZ228	20.744	-	1/4 I.D.	TA258	20.542	-
5/16 I.D.	TA253	20.352	-	5/16 I.D.	-	-	-	5/16 I.D.	-	-	-
3/8 I.D.	TA254	20.362	-	3/8 I.D.	TZ230	20.764	-	3/8 I.D.	TA260	20.562	-

3/8 INDUSTRIAL INTERCHANGE

3/8 INDUSTRIAL PLUGS

- Zinc plated steel construction
- Corrosion resistant

3/8 INDUSTRIAL AUTOMAX COUPLERS

- Automatic push-to-connect operation
- Proven and positive connection using pin-lock mechanism
- Max 250 PSI
- 62 SCFM

3/8 INDUSTRIAL MAXQUIK COUPLERS

- Manual operation
- Sleeve guard prevents accidental disconnection
- Max 250 PSI
- 56 SCFM

Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each
FEMALE THREAD (F) NPT											
1/4	TA273	21.142	-	1/4	TA281	21.442	-	1/4	TZ144	21.842	-
3/8	TA274	21.162	-	3/8	TA282	21.462	-	3/8	TZ145	21.862	-
1/2	TZ132	21.182	-	1/2	TZ137	21.482	-	1/2	TZ146	21.882	-
MALE THREAD (M) NPT											
1/4	TA278	21.242	-	1/4	TZ138	21.642	-	1/4	TZ147	21.942	-
3/8	TA279	21.262	-	3/8	TA283	21.662	-	3/8	TZ148	21.962	-
1/2	TZ133	21.282	-	1/2	TZ139	21.682	-	1/2	TZ149	21.982	-
HOSE BARB											
3/8 I.D.	TA280	21.362	-	3/8 I.D.	TZ142	21.762	-	3/8 I.D.	TZ152	21.562	-
1/2 I.D.	TZ136	21.382	-	1/2 I.D.	TZ143	21.782	-	1/2 I.D.	TZ153	21.582	-

1/2 INDUSTRIAL INTERCHANGE

1/2 INDUSTRIAL PLUGS

- Zinc plated steel construction
- Corrosion resistant

1/2 INDUSTRIAL AUTOMAX COUPLERS

- Automatic push-to-connect operation
- Proven and positive connection using pin-lock mechanism
- Max 250 PSI
- 99 SCFM

3/8 INDUSTRIAL MAXQUIK COUPLERS

- Manual operation
- Sleeve guard prevents accidental disconnection
- Max 250 PSI
- 75 SCFM

Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each	Size"	Model No.	Mfg. No.	Price/Each
FEMALE THREAD (F) NPT											
3/8	TZ154	22.162	-	3/8	-	-	-	3/8	-	-	-
1/2	TZ155	22.182	-	1/2	TZ165	22.482	-	1/2	TZ175	22.882	-
3/4	TZ156	22.192	-	3/4	-	-	-	3/4	TZ176	22.892	-
MALE THREAD (M) NPT											
3/8	TZ158	22.262	-	3/8	-	-	-	3/8	-	-	-
1/2	TZ159	22.282	-	1/2	TZ169	22.682	-	1/2	TZ179	22.982	-
3/4	TZ160	22.292	-	3/4	-	-	-	3/4	TZ180	22.992	-
HOSE BARB											
3/8 I.D.	TZ161	22.362	-	3/8 I.D.	-	-	-	3/8 I.D.	-	-	-
1/2 I.D.	TZ162	22.382	-	1/2 I.D.	TZ172	22.782	-	1/2 I.D.	TZ182	22.582	-

FITTINGS, COUPLERS & VALVES

FITTINGS

HOSE BARB SPLICERS



Model No.	Hose I.D."	Price/Each
TA492	1/4	
TA493	5/16	
TA494	3/8	
TA495	1/2	
TA496	5/8	
TA497	3/4	

HOSE BARB TO FEMALE PIPE CONNECTORS



Model No.	Hose I.D."	Thread (F) NPT	Price /Each
TZ072	1/4	1/8	
TA502	1/4	1/4	
TZ073	5/16	1/4	
TA503	3/8	1/4	
TA504	3/8	3/8	
TA505	1/2	1/2	

HOSE BARB TO MALE PIPES



Model No.	Hose I.D."	Thread (M) NPT	Price /Each
TZ075	1/8	1/8	
TZ076	3/16	1/8	
TA498	1/4	1/8	
TA499	1/4	1/4	
TZ077*	1/4	1/4	
TZ078	1/4	3/8	
TZ079	5/8	3/8	
TZ080	5/8	1/2	
TZ081	5/8	3/4	
TZ083	5/16	1/4	
TZ084	3/8	1/8	
TA500	3/8	1/4	
TZ085*	3/8	1/4	
TA501	3/8	3/8	
TZ086*	3/8	3/8	
TZ087	3/8	1/2	
TZ088	1/2	1/4	
TZ089	1/2	3/8	
TZ090	1/2	1/2	
TZ091*	1/2	1/2	
TZ092	1/2	3/4	
TZ093	3/4	1/2	
TZ094	3/4	3/4	
TZ095	1	3/4	
TZ096	1	1	

*Swivel

HOSE BARB COUPLERS TO FEMALE BALL END



Model No.	Hose I.D."	Thread (F) NPT	Price /Each
TZ098	1/4	1/4	
TZ100	5/16	1/4	
TZ101	3/8	1/4	
TZ102	3/8	3/8	

HOSE BARB COUPLERS FLAT SEAT WITH GASKET



Model No.	Hose I.D."	Thread (F) NPT	Price /Each
TZ105	1/4	1/4	
TZ106	5/16	1/4	
TZ107	3/8	1/4	
TZ108	3/8	3/8	
TZ109	1/2	1/2	

REUSABLE HOSE FITTINGS



Model No.	Hose O.D."	Hose I.D."	Thread (M) NPT	Price /Each
TZ110	1/2	1/4	1/4	
TZ111	9/16	1/4	1/4	
TZ112	5/8	1/4	1/4	
TZ115	9/16	5/16	1/4	
TZ119	5/8	3/8	1/4	
TZ120	5/8	3/8	3/8	
TZ121	11/16	3/8	1/4	
TZ123	3/4	3/8	1/4	
TZ128	7/8	1/2	1/2	

UNIQUIK SLIM 3-IN-1 UNIVERSAL COUPLERS

- Universal interchange accepts 1/4" industrial, ARO 210 and 1/4" TRUFLATE
- High air flow
- Easy to connect / disconnect
- Compact and light
- 6-ball mechanism
- 44 SCFM, 150 PSI

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TNB067	20.433	1/4	



UNIMAX 5-IN-1 UNIVERSAL COUPLERS

UNIVERSAL INTERCHANGE ACCEPTS:

- Ultraflo
- ARO 210
- Lincoln
- 1/4 Industrial
- 1/4 Truflate
- Automatic push-to-connect operation
- Sleeve guard protects against accidental disconnection when the coupler is dragged on the floor or over obstructions
- Deep knurled socket sleeve for positive gripping

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TKZ830	20.441	1/4	
MALE THREAD			
TKZ831	20.641	1/4	

TOPRING



UNISAFE UNIVERSAL 5-IN-1 INTERCHANGE SAFETY COUPLERS

UNIVERSAL INTERCHANGE ACCEPTS:

- Ultraflo
- ARO 210
- Lincoln
- 1/4 Industrial
- 1/4 Truflate

- Valve sleeve is operated independently of locking sleeve
- When the valve sleeve is moved to shut off air flow downstream pressure is automatically vented
- Disconnection and connection are performed easily at zero pressure
- Automatic push-to-connect operation

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TGA093	20.448	1/4	
MALE THREAD			
TGA098	20.648	1/4	



SAFETY COMES FROM 2-STEP DISCONNECTION:



Male/female connected set

Slide the black sleeve to release downstream pressure



Slide the gold sleeve to release plug



Disconnection



TOPRING

TOPQUIK INDUSTRIAL SAFETY COUPLERS

- Prevents dangerous hose whip through 2-step disconnection
- Shock and crush resistant
- Non-marring body prevents scratching
- Super lightweight and ergonomic
- Maximum 225 PSI



TOPRING

3/8" COUPLER

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TLZ044	21.449	1/4	
TLZ045	21.469	3/8	
TLZ046	21.489	1/2	
MALE THREAD			
TLZ047	21.649	1/4	
TLZ048	21.669	3/8	
TLZ049	21.689	1/2	

SAFETY COMES FROM 2-STEP DISCONNECTION:



- Slide the sleeve back to release downstream pressure
- The plug is released, but held within the coupler



- Slide the sleeve forward
- The plug is released completely



1/4" COUPLER

Model No.	Mfg. No.	NPT	SCFM	Price/Each
FEMALE THREAD				
TLZ040	20.449	1/4	36	
TLZ041	20.469	3/8	36	
MALE THREAD				
TLZ042	20.649	1/4	36	
TLZ043	20.669	3/8	36	

QUIKSILVER 1/4" INDUSTRIAL HIGH PRESSURE COUPLERS

- Delivers high air volume with low pressure drop for better tool performance
- Corrosion resistant for long service life
- Drag guard protects against accidental disconnection
- Automatic push-to-connect operation
- Maximum 500 PSI
- 44 SCFM

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
BC080	20.446	1/4	
BC082	20.466	3/8	
MALE THREAD			
BC090	20.646	1/4	
BC093	20.666	3/8	



BC080

TOPRING

1/4" INDUSTRIAL INTERCHANGE PLUGS

- Zinc Plated or Stainless Steel 304
- Corrosion resistant
- Made to precise standards to ensure fit

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TA243	20.122	1/8	
TA244	20.142	1/4	
TLV344	20.146	1/4 (stainless)	
TA245	20.162	3/8	
MALE THREAD			
TA247	20.222	1/8	
TA248	20.242	1/4	
TLV345	20.248	1/4 (sealant)	
TA249	20.262	3/8	



TA243



TA247

TOPRING

Model No.	Mfg. No.	I.D."	Price/Each
HOSE BARB			
TA252	20.342	1/4	
TA253	20.352	5/16	
TA254	20.362	3/8	

AUTOMAX ARO 210 INTERCHANGE COUPLERS

- Accepts ARO 210 Plugs
- Automatic push to connect operation
- Deep knurled socket sleeve
- Max PSI: 250
- 34 SCFM

TOPRING



TZ998



TS404

Model No.	Mfg. No.	I.D."	Price/Each
HOSE BARB			
TS404	23.744	1/4	
TS406	23.764	3/8	

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TZ998	23.444	1/4	
MALE THREAD			
TS399	23.644	1/4	

FITTINGS, COUPLERS & VALVES

1/4 ARO 210 INTERCHANGE PLUGS

- Zinc plated steel construction
- Corrosion resistant
- Made to precise standards to ensure fit

TOPRING

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TA284	23.142	1/4	
MALE THREAD			
TS388	23.222	1/8	
TA285	23.242	1/4	
TLV349	23.248	1/4 (w/thread sealant)	



TA284



TS388

Model No.	Mfg. No.	I.D."	Price/Each
HOSE BARB			
TG020	23.342	1/4	
TS392	23.362	3/8	

1/4 TRUFLATE INTERCHANGE PLUGS

- Accepts 1/4 Truflate couplers
- Compact design
- Automatic push-to-connect design
- 250 PSI
- 24 SCFM

Model No.	Mfg. No.	NPT	Price/Each
MALE THREAD			
TS412	24.242	1/4	

TOPRING



QUIKSILVER ULTRAFLO INTERCHANGE COUPLER (E 7.8)

- Delivers high air volume with low pressure drop for better tool performance
- Corrosion resistant for long service life
- Drag guard protects against accidental disconnection
- Automatic push-to-connect operation
- Maximum 500 PSI
- 80 SCFM
- Accepts European (CEJN 320) type plugs (Ultraflo)

NPT	Model No.	Mfg. No.	Price/Each
FEMALE THREAD			
1/4	TS510	31.744	
3/8	TS513	31.764	
MALE THREAD			
1/4	TS514	31.844	
3/8	TS516	31.864	

TS510



TOPRING

ULTRAFLO INTERCHANGE PLUGS

- High flow for better tool performance
- Compatible with European (CEJN 320) type couplers
- Hardened steel construction

TOPRING

Model No.	Mfg. No.	NPT	Price/Each
FEMALE THREAD			
TZ213	31.542	1/4	
TS506	31.562	3/8	
MALE THREAD			
TZ214	31.642	1/4	
TS508	31.662	3/8	



TZ213



TZ214

Model No.	Mfg. No.	I.D."	Price/Each
HOSE BARB			
TS519	31.962	3/8	

FITTINGS, COUPLERS & VALVES

30° FREE ANGLE FITTINGS

- Prevents kinking and tangling of hoses
- Reduces operator fatigue by allowing better tool maneuverability
- Reduces tension put on wrist, hand, elbow and shoulder by the heavy hose
- Free angle fittings rotate 360° and up to 30° of deflection of air tool supply line
- Max working pressure 140 PSI



TOPRING

Model No	Mfg. No.	Description	Price/Each
TGA770	62.350C	1/4 (M) NPT x 1/4 (M) NPT	
TGA771	62.355C	1/4 (F) NPT x 1/4 (M) NPT	
TGA772	62.360C	1/4 industrial type x 1/4 (M) NPT	
TGA773	62.365C	ARO 210 type x 1/4 (M) NPT	

AIR TOOL SWIVEL CONNECTORS

- Improve tool maneuverability, minimizes operator's fatigue and extends hose life
- Universal joint that connects portable air tools to an air line
- 360° Swivel at two locations which allows an air hose to drop directly to the floor, no matter how the tool is held

WARNING: Not to be used on percussion tools or in areas of high mechanical abuse

Applications

- For use with most air tools such as:
Grinders - Sanders - Staple guns -
Drills - Buffers - Spray guns - Glue guns
- Maximum working pressure: 150 PSI



TOPRING

Model No.	Mfg. No.	Port Size NPT	Maximum Air Flow SCFM	Wt. lbs.	Price /Each
TA874	62.704C	1/4	33	0.2	
TA876	62.708	1/2	65	0.8	

HOSE WHIPS

- Easy tool manipulation
- Increases the lifespan of the connector and the main pipe
- Lightweight
- Excellent abrasion resistance

Application

- Used between the air tool and quick coupler to act as a "shock absorber" and to prolong the life of the coupler



TOPRING

Model No.	Mfg. No.	Hose I.D."	O.A. Length"	Inlet (M) NPT	Rigid Fitting (F) NPT	Price /Each
TLV350	62.523	1/4	18	1/4	1/4	
TLV351	62.543	3/8	18	1/4	1/4	

SWIVEL CONNECTORS WITH FLOW CONTROL

- Swivels 360° which allows air hose to drop straight to the floor, no matter how the tool is held
- Integrated air-flow control dial
- Maximum working pressure: 150 PSI

WARNING: Not to be used on percussion tools or in areas of high mechanical abuse



Model No.	Port Size NPT	Price/Each
THZ360	1/4	



AIR MANIFOLDS

Eliminates the need to connect and disconnect each time the tool is changed.

AIR MANIFOLD (3-IN-1)

- Supplies 3 air tools from a single inlet
- Compact design
- Aluminum construction



Model No.	Mfg. No.	Inlet	Outlet	Price/Each
TZ246	62.800C	1/4 (F) NPT	1/4 (F) NPT	
TZ247	62.805C	3/8 (F) NPT	1/4 (F) NPT	

TOPRING

AIR MANIFOLD (2-IN-1)

- Supplies 2 air tools from a single inlet
- Compact design
- Nickel brass construction



Model No.	Mfg. No.	Inlet	Outlet	Price/Each
TZ248	62.850C	1/4 (F) NPT	1/4 (F) NPT	
TZ249	62.860C	1/4 (M) NPT	1/4 (F) NPT	

AIR TOOL SWIVEL CONNECTORS

- Universal connector that connects portable air tools to an air line
- Improve tool maneuverability, minimize operator fatigue and extends hose life
- Swivel 360° at two pivot points, allowing the air hose to drop directly to the floor



TOPRING

Model No.	Mfg. No.	Thread NPT	Description	Price/Each
TLZ016	62.712C	1/4	Flow regulator only	
TLZ018	62.705C	1/4	Swivel only	

PNEUMATIC LOCKOUTS

- Prevents fitting from being connected to a pressurized air source
- Stainless steel construction
- Fits virtually all pneumatic fittings in manufacturing facilities

Model No. TLZ098
Mfg. No. S3900
Price/Each \$

Master Lock



IN-LINE FILTERS

Compressed air contains impurities which in time will cause improper operation of equipment and in some cases, equipment failure. The in-line filters eliminate the impurities.

- Compact
- Lightweight
- In-line installation
- Remove foreign particles from contaminated air supplies

Applications

- Air tools

STANDARD DUTY CONSTRUCTION

- Clear reservoir shows accumulated water taken out of air line
- Button relief valve for draining tapped liquid from reservoir
- Filter can be removed and cleaned
- 40 micron bronze
- Aluminium body
- Polycarbonate reservoir



TZ233



HIGH PERFORMANCE CONSTRUCTION

- Anodized aluminum zinc plated steel
- 40 micron porous bronze element



TA845

TOPRING

Model No.	Mfg. No.	Inlet (F) NPT	Length mm	Outlet (M) NPT	Price /Each
STANDARD DUTY					
TZ233	62.106C	1/4	89	1/4	
HIGH PERFORMANCE					
TA845	62.120C	1/4	58	1/4	

IN-LINE DESICCANT FILTERS/DRYERS

Removes all traces of water, oil and dirt by using a porous bronze element for the dirt, an oil removing media for oil vapour and desiccant beads absorb water vapor.

Four stage filtration:

- 1st stage: removes dirt
- 2nd stage: removes oil vapours
- 3rd stage: removes water vapours
- 4th stage: removes dust

Features:

- Disposable filter/dryer compact, lightweight
- Installed right at the point of use
- See-through housing shows colour change when dryer needs replacement

Specifications

- Compact size: 3 3/4" x 1 11/16"
- Maximum Flow Capacity: 15 SCFM
- Maximum Pressure: 150 PSI
- Maximum Temperature: 130°F

Model No. TA851

Mfg. No. 62.150C

Price/Each \$



TOPRING

IN-LINE LUBRICATORS

SAVES MONEY - INCREASES EFFICIENCY

In-line lubricators save money by reducing down time on air operated equipment. They also avoid the cost of wall mounted lubricating systems. They increase efficiency by preventing sticking of the working mechanism, power loss caused by inadequate lubrication and by keeping the internal mechanism properly oiled.

- Directly attached to the air tool
- Slotted adjustment screw for oil adjustment
- Automatic lubrication of air upon passage of rated air flow
- Operates in any position
- Will not leak lubricant into air line upon pressure drop or when disconnected from air line

Applications

- Ideal for air tools
- Especially recommended for staplers and nailers

Construction

- Hard anodized aluminum, steel and nylon

STANDARD DUTY

Pneumatic tools and appliances cannot maintain their full efficiency if the mechanism is impaired by corrosion, condensation or lack of lubrication.

- Max. working pressure: 120 PSI

Model No.	Mfg. No.	Port Size (M) & (F) NPT	Price/Each
TZ234	62.108C	1/4	



TZ234



HIGH PERFORMANCE

Keeps air-operated hand tools working better, longer.

- 360° swivel outlet port
- Max. working pressure: 150 PSI
- Slotted oil adjustment screw under filter cap

Model No.	Mfg. No.	Port Size (M) & (F) NPT	Flow Rate SCFM	Oil Cap. C.C.'s	Price /Each
TA839	62.110C	1/4	15	5	
TA840	62.112C	1/4	20	9	
TA842	62.117	3/8	30	22	



TA839

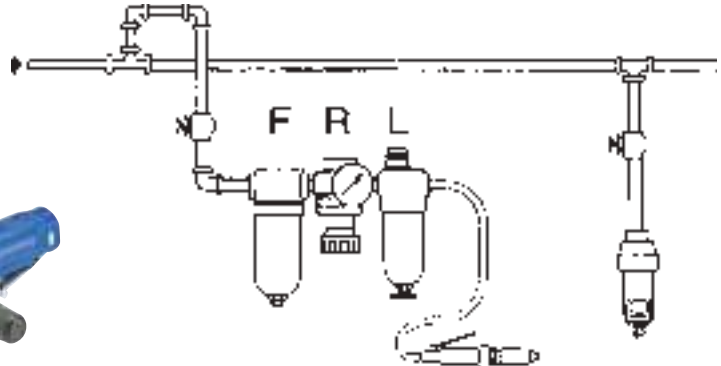


TOPRING

SUGGESTIONS FOR INSTALLING FRL & DRAINS

The filter, regulator, and lubricator should be installed in the order shown in the illustration. Individual take-off lines to the FRL unit and air tool(s) should be from the top of the compressed air line.

To trap and expel water, sludge, and other contaminants which may collect on the bottom of the air line, a mechanical drain should be used. Mechanical drains should be installed at low points in the piping system and at the far end of the distribution system.



MODULAR FILTER, REGULATOR & LUBRICATOR (GAUGE INCLUDED)

- Assembly of all three individual components
- Components are attached in series using spacers and piping adapters, which make the individual components easily removable and mountable without disturbing the pipe line
- Comes complete with wall mounting bracket
- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Filter used to separate dust, dirt, moisture and other contaminants from compressed air
- Filter features press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Filter has sintered bronze, 40-micron filtering element
- Lubricator used to feed lubricants to pneumatic equipment and maintain a constant oil-to-air density over a wide range of flow
- Fog/Micro Mist type lubricator, up to 50' pipe runs
- Air filter, regulator and lubricator come with NPT threads and gauge
- Operating Pressure: 7-145 PSI



auroratools®

Model No.	Connection Size	Max. Air Flow	Bowl Capacity	Filter Bowl Capacity	Lubricator Bowl Capacity	Price /Each
POLYCARBONATE BOWL WITH STEEL BOWL GUARD						
TTY181	1/4" NPT	18 SCFM @ 105 PSI	0.68 fl. oz.	0.30 oz.	0.68 oz.	
TTY182	3/8" NPT	71 SCFM @ 105 PSI	1.93 fl. oz.	1.08 oz.	1.93 oz.	
TTY183	1/2" NPT	123 SCFM @ 105 PSI	5.17 fl. oz.	1.50 oz.	5.17 oz.	
METAL BOWL						
TTY184	3/4" NPT	123 SCFM @ 105 PSI	6.8 fl. oz.	5.60 oz.	6.80 oz.	
TTY185	1" NPT	175 SCFM @ 105 PSI	6.8 fl. oz.	5.60 oz.	6.80 oz.	

MODULAR FILTER/REGULATOR & LUBRICATOR (GAUGE INCLUDED)

- Space-saving, two-piece combination is a popular air preparation unit
- Attached in series using spacers and piping adapters, which make the two components easily removable and mountable without disturbing the pipe line
- Come complete with a wall mounting bracket
- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Filter used to separate dust, dirt, moisture and other contaminants from compressed air
- Filter features press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Lubricator used to feed lubricants to pneumatic equipment and maintain a constant oil-to-air density over a wide range of flow
- Fog/Micro Mist type lubricator, up to 50' pipe runs
- Operating Pressure: 7-145 PSI
- Bowl Material: Polycarbonate bowl with steel bowl guard



auroratools®

Model No.	Connection Size	Max. Air Flow	Bowl Capacity	Filter Bowl Capacity	Lubricator Bowl Capacity	Price /Each
TTY178	1/4" NPT	18 SCFM @ 105 PSI	0.68 fl. oz.	0.30 oz.	0.68 oz.	
TTY179	3/8" NPT	44 SCFM @ 105 PSI	1.93 fl. oz.	1.08 oz.	1.93 oz.	
TTY180	1/2" NPT	99 SCFM @ 105 PSI	5.17 fl. oz.	1.50 oz.	5.17 oz.	

COMPRESSOR ACCESSORIES

MODULAR AIR FILTER/REGULATOR (GAUGE INCLUDED)

- Filter-Regulator combination is the most popular air preparation units, assembled together to form a single unit
- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Filter used to separate dust, dirt, moisture and other contaminants from compressed air
- Press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Filter has sintered bronze, 40-micron filtering element
- Comes with NPT threads and gauge
- Max. PSI: 145 PSI
- Bowl Material: Polycarbonate bowl with steel bowl guard

aurora tools®

Model No.	Connection Size	Max. Air Flow	Bowl Capacity	Price /Each
TY175	1/4" NPT	20 SCFM @ 105 PSI	0.3 fl. oz.	
TY176	3/8" NPT	64 SCFM @ 105 PSI	1.08 fl. oz.	
TY177	1/2" NPT	106 SCFM @ 105 PSI	1.5 fl. oz.	



MODULAR AIR FILTER

- Used to separate dust, dirt, moisture and other contaminants from compressed air
- Sintered bronze, 40-micron filtering element
- Designed with a separator and shield for efficient moisture separation
- Press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Comes with NPT threads
- Max. PSI: 145 PSI
- Drain Type: Semi-Automatic
- Material Filtered: Combination
- Filtration Size (Microns): 40 Microns

aurora tools®

Model No.	Connection Size	Price /Each
TY165	1/4" NPT	
TY166	3/8" NPT	
TY167	1/2" NPT	



VERTICAL AIR FILTER

- Used to separate dust, dirt, moisture and other contaminants from compressed air
- Sintered bronze, 40-micron filtering element
- Designed with a separator and shield for efficient moisture separation
- Press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Comes with NPT threads
- Max. PSI: 290 PSI
- Drain Type: Semi-Automatic
- Material Filtered: Combination
- Filtration Size (Microns): 40 Microns
- Bowl Material: Metal Bowl

aurora tools®

Model No.	Connection Size	Price /Each
TY168	3/4" NPT	
TY169	1" NPT	



MODULAR AIR REGULATOR (GAUGE INCLUDED)

- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Regulators step down the air line pressure and can be set at any desired pressure below the inlet air pressure
- Designed with a non-raising "Press to Lock" adjustment knob for locking at any set pressure
- These can be installed in any position and need not be vertically mounted
- Comes with NPT threads and gauge
- Max. PSI: 220 PSI

aurora tools®

Model No.	Connection Size	Max. Air Flow	Price /Each
TY160	1/4" NPT	21 SCFM @ 105 PSI	
TY161	3/8" NPT	88 SCFM @ 105 PSI	
TY162	1/2" NPT	140 SCFM @ 105 PSI	
TY163	3/4" NPT	175 SCFM @ 105 PSI	
TY164	1" NPT	210 SCFM @ 105 PSI	



MODULAR AIR LUBRICATOR

- Used to feed lubricants to pneumatic equipment and maintain a constant oil-to-air density over a wide range of flow
- Fog/Micro Mist type, up to 50' pipe runs
- The head is fitted with oil drop indicator, oil drop controller and oil filling plug
- Designed for best performance with 32-grade oil
- Comes with NPT threads
- Max. PSI: 145 PSI

aurora tools®

Model No.	Connection Size	Max. Air Flow	Bowl Capacity	Price /Each
TTY170	1/4" NPT	48 SCFM @ 90 PSI	0.68 fl. oz.	
TTY171	3/8" NPT	106 SCFM @ 90 PSI	1.98 fl. oz.	
TTY172	1/2" NPT	200 SCFM @ 90 PSI	5.13 fl. oz.	



VERTICAL AIR LUBRICATOR

- Used to feed lubricants to pneumatic equipment and maintain a constant oil-to-air density over a wide range of flow
- Fog/Micro Mist type, up to 50' pipe runs
- The head is fitted with oil drop indicator, oil drop controller and oil filling plug
- Designed for best performance with 32-grade oil
- Comes with NPT threads
- Max. PSI: 290 PSI
- Bowl Capacity: 6.8 fl. oz.
- Bowl Material: Metal Bowl

aurora tools®

Model No.	Connection Size	Max. Air Flow	Price /Each
TTY173	3/4" NPT	255 SCFM @ 90 PSI	
TTY174	1" NPT	318 SCFM @ 90 PSI	



AIR PREPARATION

The lay-out of air-supply piping, the selection of adequate hose sizes and appropriate fittings and couplers and the preparation of air before it enters a tool are very important.

Why efficient treatment of compressed air at the work station is vital?

The harmful agents in a compressed air system are:

LIQUIDS & CONDENSATES:

- Cause line corrosion
- Cause reduced performance of tools and cylinders
- Cause lubricants to wash away

COMPRESSOR OIL:

- Forms corrosive acids from lubricant aerosols
- Forms sticky emulsions, reducing tools' speed and performance
- Forms clogging residues

SOLID CONTAMINANTS:

- Cause premature wear and damage to controls, tools and cylinders
- Cause seizing and scoring of cylinders and air powered motors

Proper air preparation will result in improved performance and increased tool life.

FILTERING, REGULATING & LUBRICATING AT THE WORK STATION

Compressed-air treatment program units and modular components are indispensable to insure maximum efficiency of controls, pneumatic tools, air cylinders and other pneumatic equipment.

THEY ALLOW:

- To prolong pneumatic equipment life as well as of air cylinders
- Proper filtering and lubricating of air prolong their life and top performance by a ratio of 1 to 20
- Increase tools and equipment performance up to standard of efficiency, by preventing damages due to overheat and seizure
- They insure a dependable source of smooth vibrationless power to operate tools at an efficient and steady speed
- To reduce downtime, therefore improve the overall performance and efficiency of any compressed air system, tools, air cylinders or other pneumatic equipment

Proper usage of compressed air calls for:

FILTERS/MICRO COALESCING:

- To remove moisture and particles

REGULATORS:

- To control pressure for the particular use

GAUGES:

- To show pressure

LUBRICATORS:

- To protect power tools by injecting a metered quantity of lubricant

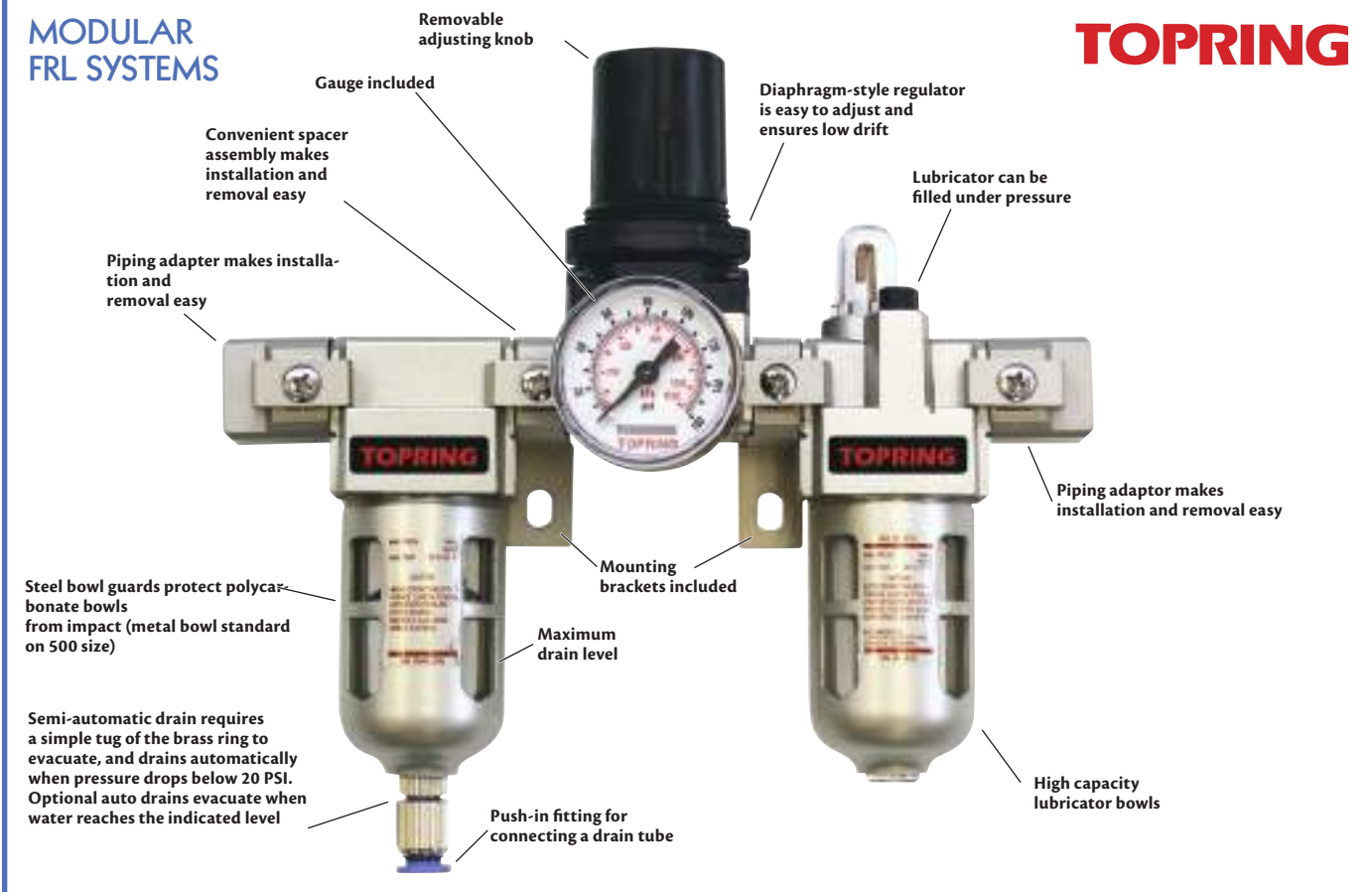
Components may be purchased separately or in pre-assembled combinations

COMPRESSOR ACCESSORIES



MODULAR FRL SYSTEMS

TOPRING



AIRFLO MODULAR COMBINATION UNITS FILTER + REGULATOR + LUBRICATOR + GAUGE

- Accurate pressure control
- Lubrication automatically proportioned to air flow
- Pressure gauge, piping adaptors and mounting bracket included
- With the piping adapter, it is easy to remove unit for maintenance



TOPRING

Model No.	Mfg. No.	Port Size"	Max Air Flow @ 100 PSI	Max PSI	Reduced Pressure Range	Bowl Type	Bowl Capacity	Drain	Gauge Port Size"	Series	Price /Each
TLZ602	51.210	1/4 (F) NPT	18 SCFM	150	5-125	Polycarbonate w/steel guard	0.5 fl.oz.	Semi-auto	1/8 (F) NPT	200	
TLZ611	51.310	1/4 (F) NPT	70 SCFM	150	5-125	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ613	51.315	3/8 (F) NPT	70 SCFM	150	5-125	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ637	51.410	3/8 (F) NPT	141 SCFM	150	5-125	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	
TLZ639	51.415	1/2 (F) NPT	141 SCFM	150	5-125	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	
TLZ663	51.510	3/4 (F) NPT	175 SCFM	150	5-125	Die cast alum w/sight glass	4.4 fl.oz.	Semi-auto	1/4 (F) NPT	500	
TLZ665	51.515	1 (F) NPT	175 SCFM	150	5-125	Die cast alum w/sight glass	4.4 fl.oz.	Semi-auto	1/4 (F) NPT	500	

AIRFLO COMPACT MODULAR COMBINATION UNITS FILTER/REGULATOR + LUBRICATOR + GAUGE

- Accurate pressure control
- Lubrication automatically proportioned to air flow
- Pressure gauge, piping adaptors and mounting bracket included



TOPRING

Model No.	Mfg. No.	Port Size"	Max Air Flow @ 100 PSI	Max PSI	Reduced Pressure Range	Bowl Type	Bowl Capacity	Drain	Gauge Port Size"	Series	Price /Each
TLZ603	51.220	1/4 (F) NPT	18 SCFM	150	5-125	Polycarbonate w/steel guard	0.5 fl.oz.	Semi-auto	1/8 (F) NPT	200	
TLZ615	51.320	1/4 (F) NPT	70 SCFM	150	5-125	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ617	51.325	3/8 (F) NPT	70 SCFM	150	5-125	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ641	51.420	3/8 (F) NPT	105 SCFM	150	5-125	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	
TLZ643	51.425	1/2 (F) NPT	105 SCFM	150	5-125	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	

AIRFLO MODULAR FILTER/REGULATORS

- Removes water through centrifugal force
- Filters contaminants down to 5 micrometres
- Accurate pressure control
- Pressure gauge and mounting bracket included

TOPRING

Model No.	Mfg. No.	Port Size"	Max Air Flow @ 100 PSI	Max PSI	Reduced Pressure Range	Bowl Type	Bowl Capacity	Drain	Gauge Port Size"	Series	Price /Each
TLZ608	51.250	1/4 (F) NPT	19 SCFM	150	5-125 PSI	Polycarbonate w/steel guard	0.5 fl.oz.	Semi-auto	1/8 (F) NPT	200	
TLZ627	51.350	1/4 (F) NPT	70 SCFM	150	5-125 PSI	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ629	51.355	3/8 (F) NPT	70 SCFM	150	5-125 PSI	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	1/8 (F) NPT	300	
TLZ653	51.450	3/8 (F) NPT	141 SCFM	150	5-125 PSI	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	
TLZ655	51.455	1/2 (F) NPT	141 SCFM	150	5-125 PSI	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	1/4 (F) NPT	400	



AIRFLO MODULAR FILTERS

- Removes water through centrifugal force
- Filters contaminants down to 5 micrometres
- Mounting bracket included

TOPRING

Model No.	Mfg. No.	Port Size"	Max Air Flow @ 100 PSI	Max PSI	Bowl Type	Bowl Capacity	Drain	Series	Price /Each
TLZ609	51.260	1/4 (F) NPT	27 SCFM	150	Polycarbonate w/steel guard	0.5 fl.oz.	Semi-auto	200	
TLZ631	51.360	1/4 (F) NPT	70 SCFM	150	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	300	
TLZ633	51.365	3/8 (F) NPT	70 SCFM	150	Polycarbonate w/steel guard	0.7 fl.oz.	Semi-auto	300	
TLZ657	51.460	3/8 (F) NPT	141 SCFM	150	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	400	
TLZ659	51.465	1/2 (F) NPT	141 SCFM	150	Polycarbonate w/steel guard	1.6 fl.oz.	Semi-auto	400	
TLZ675	51.560	3/4 (F) NPT	247 SCFM	150	Die cast alum w/sight glass	4.4 fl.oz.	Semi-auto	500	
TLZ677	51.565	1 (F) NPT	247 SCFM	150	Die cast alum w/sight glass	4.4 fl.oz.	Semi-auto	500	



AIRFLO MODULAR REGULATORS

- Removable locking Push/Pull adjusting knob
- Accurate pressure control
- Pressure gauge and mounting bracket included

TOPRING

Model No.	Mfg. No.	Port Size"	Reduced Pressure Range	Max Air Flow @ 100 PSI	Max PSI	Gauge Port Size"	Series	Price /Each
TLZ605	51.240	1/4 (F) NPT	5-125 PSI	19 SCFM	150	1/8 (F) NPT	200	
TLZ621	51.340	1/4 (F) NPT	5-125 PSI	70 SCFM	150	1/8 (F) NPT	300	
TLZ624	51.345	3/8 (F) NPT	5-125 PSI	70 SCFM	150	1/8 (F) NPT	300	
TLZ647	51.440	3/8 (F) NPT	5-125 PSI	212 SCFM	150	1/4 (F) NPT	400	
TLZ650	51.445	1/2 (F) NPT	5-125 PSI	212 SCFM	150	1/4 (F) NPT	400	
TLZ669	51.540	3/4 (F) NPT	5-125 PSI	282 SCFM	150	1/4 (F) NPT	500	
TLZ672	51.545	1 (F) NPT	5-125 PSI	282 SCFM	150	1/4 (F) NPT	500	



AIRFLO MODULAR LUBRICATORS

- Lubrication automatically proportioned to air flow
- Mounting bracket included

TOPRING

Model No.	Mfg. No.	Port Size"	Max Air Flow @ 100 PSI	Max PSI	Bowl Type	Bowl Capacity	Series	Price /Each
TLZ604	51.230	1/4 (F) NPT	28 SCFM	150	Polycarbonate w/steel guard	0.85 fl.oz.	200	
TLZ619	51.330	1/4 (F) NPT	70 SCFM	150	Polycarbonate w/steel guard	1.7 fl.oz.	300	
TLZ620	51.335	3/8 (F) NPT	70 SCFM	150	Polycarbonate w/steel guard	1.7 fl.oz.	300	
TLZ645	51.430	3/8 (F) NPT	176 SCFM	150	Polycarbonate w/steel guard	1.6 fl.oz.	400	
TLZ646	51.435	1/2 (F) NPT	176 SCFM	150	Polycarbonate w/steel guard	1.6 fl.oz.	400	
TLZ667	51.530	3/4 (F) NPT	247 SCFM	150	Die cast alum. w/sight glass	4.4 fl.oz.	500	
TLZ668	51.535	1 (F) NPT	247 SCFM	150	Die cast alum. w/sight glass	4.4 fl.oz.	500	

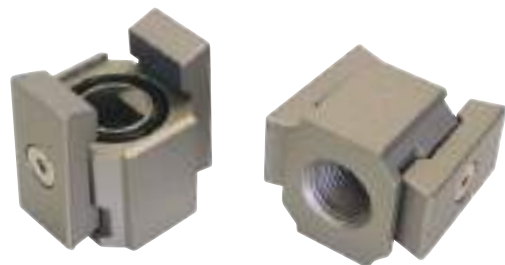


AIRFLO MODULAR PIPING ADAPTORS

- Each item listed below includes two adaptors

TOPRING

Model No.	Mfg. No.	Port Size"	Series	Price /Each
TLZ690	51.950	1/4 (F) NPT	200	
TLZ691	51.951	1/4 (F) NPT	300	
TLZ692	51.952	3/8 (F) NPT	300	
TLZ693	51.953	3/8 (F) NPT	400	
TLZ694	51.954	1/2 (F) NPT	400	
TLZ695	51.955	3/4 (F) NPT	500	
TLZ696	51.956	1 (F) NPT	500	



COMPRESSOR ACCESSORIES

MAXDRAIN ELECTRONIC AUTOMATIC DRAINS

- Cost effective solution for regular, reliable condensation removal
- Fully automatic
- No maintenance
- Adjustable interval and discharge time
- Valve opens 0.5 to 10 seconds in 0.5 to 45 minute cycle times
- Test switch - for routine inspection and depressurization
- Solid-state timer for long life and reliability
- Rugged fire-resistant ABS housing



TGA424

Model No.	Mfg. No.	Inlet	Price/Each
WITH STRAINER AND VALVE			
TGA424	59.345	1/2 (M) NPT" and 1/4 (F) NPT"	

ASME AIR SAFETY VALVES

- Designed to protect air compressor tanks and other unfired pressure vessels by exhausting when the maximum pressure is reached
- High quality, corrosion-resistant
- In accordance to ASME code and OSHA approved



TOPRING

Model No.	Pressure ±3% PSI	Flow Cap. SCFM	Price /Each
TA803	50	47	
TA804	75	66	
TA805	115	96	
TA806	125	103	
TA807	140	115	

Model No.	Pressure ±3% PSI	Flow Cap. SCFM	Price /Each
TA808	155	126	
TA809	163	132	
TA810	190	152	
TA811	200	160	

DESICCANT AIR DRYER SYSTEMS

Nevada 3 stage desiccant system is engineered to provide high-quality air. Effective for removing liquid condensate (dirt, oil, water) but ideal for removing residual water vapour and aerosols. Delivers extremely dry compressed air without the use of electricity or refrigerants. Silica gel provides maximum moisture absorption. System consists of the following: filter (5 micrometres) with auto drain, coalescing filter (0.7 micrometre) with auto drain, desiccant dryer (30 CFM capacity) with sight glass indicating need for service, pressure regulator with gauge and mounting bracket.

SPECIFICATIONS:

Max. Working Pressure: 250 PSI
Port Size: 1/2" NPT
Air Flow Capacity: 30 SCFM

3 STAGE FILTRATION:

1. Centrifugal unit removes water, oil and dirt particles down to 5 micrometres
2. Coalescent filters out oil and water aerosols and smaller dirt down to 0.3 micrometre
3. Desiccant dryer removes all remaining water vapour

Model No.	Description	Price /Each
TZ906	3-stage heavy-duty desiccant system	P.O.A.
TZ907	Desiccant silica gel (5 lbs.)	

STANDARD DUTY DESICCANT SYSTEMS

The standard duty desiccant system offers the same benefits as the heavy-duty system, but is designed for less frequent use. It is also a 3-stage system engineered to provide high quality air. It removes dirt, water, oil, and uncondensed moisture from compressed air lines. Very efficient at protecting expensive and sensitive air tools. Does not require electricity or refrigerants to provide extremely dry compressed air. Silica gel provides maximum absorption, which can be monitored through a small sight glass. When the blue gel turns pink, the gel is then saturated with water and should be replaced with fresh gel to allow the system to remain effective. System consists of a filter (5 micrometres) with auto drain, coalescing filter (0.1 micrometres) with auto drain, desiccant dryer, filter/regulator with gauge, and a safety slide valve.

SPECIFICATIONS

Max. Working Pressure: 175 PSI
Port Size: 1/2" NPT
Air Flow Capacity: 20 SCFM

3 STAGE FILTRATION:

1. Integral filter/regulator removes particulates down to 5 micrometres in size, to protect the regulator, which then reduces the pressure to the desired pressure setting
2. Coalescing filter removes 99.99% of oil aerosols and microscopic particles down to 0.1 micrometres in size
3. Desiccant dryer removes all remaining water vapour and a 40 micrometre filter element removes traces of any desiccant dust before it leaves the system

Model No.	Description	Price /Each
TG132	3-stage standard duty desiccant system	
TZ907	Desiccant silica gel (5 lbs.)	

TOPRING

Stage 1 Filter Coalescent Stage 3 Desiccant



Stage 1 Filter/Regulator

Stage 2 Coalescent

Stage 3 Desiccant

WATER SEPARATORS

- Cost effective way of ensuring that bulk water is removed from compressed air
- Ideal as a first treatment step between the compressor and receiver tank
- Requires no electricity and almost no maintenance
- Uses centrifugal force to remove up to 99% of bulk water
- Very low maintenance costs
- Simple and easy to install
- Efficient automatic drain
- Robust Aluminum body
- Maximum working pressure 232 PSI

TOPRING

Model No.	Mfg. No.	Pipe Connection" (F) NPT"	Flow Capacity SCFM	Weight lb.	Dimensions (in) Diameter	Height	Price /Each
TLV335	56.010	1/2	88	2.4	3.42	8.23	
TLV336	56.020	3/4	144	3.1	3.42	10.98	
TLV337	56.030	1	232	8.4	5.12	12.4	
TLV338	56.040	1 1/2	373	9.3	5.12	16.34	
TLV339	56.050	1 1/2	488	10.6	5.12	20.28	
TLV340	56.060	1 1/2	600	13.7	5.12	28.15	



COMPRESSOR ACCESSORIES

FILTERS/REGULATORS/LUBRICATORS (GAUGE INCLUDED)

- High-flow capacity reduces costly pressure drop
- Compact size allows greater design flexibility
- **Heavy-Duty:** High-capacity performance featuring rugged design for the most demanding applications

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Reduced Pressure Range PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
COMPACT MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA689	1/4	31	150	0-125	125	Manual	Polyurethane	1.5	7 1/16	4 25/32	
TA690	1/4	31	150	0-125	125	Auto	Polyurethane	1.5	7 1/16	4 25/32	
TA693	1/4	23	150	0-125	125	Manual	Polyurethane	3.8	8 1/16	6 35/64	
TA694	1/4	23	150	0-125	125	Auto	Polyurethane	3.8	8 1/16	6 35/64	
TA697	3/8	45	150	0-125	125	Manual	Polyurethane	3.8	8 1/16	6 35/64	
TA698	3/8	45	150	0-125	125	Auto	Polyurethane	3.8	8 1/16	6 35/64	
TA701	1/2	60	150	0-125	125	Manual	Polyurethane	3.8	8 1/16	6 35/64	
TA702	1/2	60	150	0-125	125	Auto	Polyurethane	3.8	8 1/16	6 35/64	
TA703	1/2	60	250	0-125	150	Manual	Zinc	3.8	8 1/16	6 35/64	
STANDARD DUTY MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA705	1/2	110	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	8 1/16	
TA706	1/2	110	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	8 1/16	
TA709	3/4	125	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	8 1/16	
TA710	3/4	125	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	8 1/16	
HEAVY-DUTY, 5-MICROMETRES FILTRATION											
TA713	1	240	250	0-125**	125	Manual	Zinc	16	11	15 3/4	
TA714	1	240	175	0-125**	125	Auto	Zinc	16	11	15 3/4	
TA717	1 1/2	400	250	0-125**	125	Manual	Zinc	16	11 11/32	16 1/2	
TA718	1 1/2	400	175	0-125**	125	Auto	Zinc	16	11 11/32	16 1/2	

*Also available 0-25 PSI, 0-60 PSI, 0-250 PSI **Also available 0-250 PSI



FILTERS/REGULATORS & COALESCING FILTERS (GAUGE INCLUDED)

- High-flow capacity reduces costly pressure drop
- Compact size allows greater design flexibility
- Lightweight construction for ease of installation

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Reduced Pressure Range PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
COMPACT MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA743	1/4	20	150	0-125	125	Manual	Polyurethane	1.5	7 3/64	3 13/64	
TZ031	1/4	20	150	0-125	125	Auto	Polyurethane	1.5	7 3/64	3 13/64	
TA745	1/4	40	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA746	1/4	40	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA747	1/4	40	250	0-125	150	Manual	Zinc	3.8	8 1/16	4 23/64	
TA748	1/4	40	175	0-125	125	Auto	Zinc	3.8	8 1/16	4 23/64	
TA749	3/8	43	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA750	3/8	43	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA751	3/8	43	250	0-125	150	Manual	Zinc	3.8	8 1/16	4 23/64	
TA752	3/8	43	175	0-125	125	Auto	Zinc	3.8	8 1/16	4 23/64	
TA761	1/2	43	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA762	1/2	43	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	4 23/64	
TA763	1/2	43	250	0-125	150	Manual	Zinc	3.8	8 1/16	4 23/64	
TA764	1/2	43	175	0-125	125	Auto	Zinc	3.8	8 1/16	4 23/64	
STANDARD DUTY MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA753	1/2	85	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	5 3/8	
TA754	1/2	85	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	5 3/8	
TA755	1/2	85	250	0-125*	150	Manual	Zinc	8.5	10 21/64	5 3/8	
TA756	1/2	85	175	0-125*	125	Auto	Zinc	8.5	10 21/64	5 3/8	
TA757	3/4	85	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	6 1/16	
TA758	3/4	85	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	6 1/16	
TA759	3/4	85	250	0-125*	150	Manual	Zinc	8.5	10 21/64	6 1/16	
TA760	3/4	85	175	0-125*	125	Auto	Zinc	8.5	10 21/64	6 1/16	

*Also available 0-25 PSI, 0-60 PSI, 0-250 PSI



OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT
& SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1265

COMPRESSOR ACCESSORIES

FILTERS/REGULATORS (GAUGE INCLUDED)

- High-flow capacity reduces costly pressure drop
- Compact size allows greater design flexibility
- Lightweight construction for ease of installation

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Reduced Pressure Range PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
COMPACT MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA620	1/4	31	150	0-125	125	Manual	Polyurethane	1.5	7 1/16	1 19/32	
TA621	1/4	31	150	0-125	125	Auto	Polyurethane	1.5	7 1/16	1 19/32	
TA622	1/4	31	250	0-125	150	Manual	Zinc	1.5	7 1/16	1 19/32	
TA623	1/4	31	175	0-125	150	Auto	Zinc	1.5	7 1/16	1 19/32	
TA624	1/4	33	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA625	1/4	33	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA626	1/4	33	250	0-125	150	Manual	Zinc	3.8	8 1/16	2 3/16	
TA627	1/4	33	175	0-125	125	Auto	Zinc	3.8	8 1/16	2 3/16	
TA628	3/8	73	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA629	3/8	73	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA630	3/8	73	250	0-125	150	Manual	Zinc	3.8	8 1/16	2 3/16	
TA631	3/8	73	175	0-125	125	Auto	Zinc	3.8	8 1/16	2 3/16	
TA632	1/2	78	150	0-125	125	Manual	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA633	1/2	78	150	0-125	125	Auto	Polyurethane w/Guard	3.8	8 1/16	2 3/16	
TA634	1/2	78	250	0-125	150	Manual	Zinc	3.8	8 1/16	2 3/16	
TA635	1/2	78	175	0-125	150	Auto	Zinc	3.8	8 1/16	2 3/16	
STANDARD DUTY MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA636	1/2	132	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	2 11/16	
TA637	1/2	132	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	2 11/16	
TA638	1/2	132	250	0-125*	150	Manual	Zinc	8.5	10 21/64	2 11/16	
TA639	1/2	132	175	0-125*	125	Auto	Zinc	8.5	10 21/64	2 11/16	
TA640	3/4	148	150	0-125*	120	Manual	Polyurethane w/guard	8.5	10 21/64	3 1/32	
TA641	3/4	148	150	0-125*	120	Auto	Polyurethane w/guard	8.5	10 21/64	3 1/32	
TA642	3/4	148	250	0-125*	150	Manual	Zinc	8.5	10 21/64	3 1/32	
TA643	3/4	148	175	0-125*	125	Auto	Zinc	8.5	10 21/64	3 1/32	

*Also available 0-25 PSI, 2-60 PSI, 2-250 PSI



FILTERS/REGULATORS & LUBRICATORS (GAUGE INCLUDED)

- High-flow capacity reduces costly pressure drop
- Compact size allows greater design flexibility
- Lightweight construction for ease of installation

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Reduced Pressure Range PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
COMPACT MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA719	1/4	31	150	0-125	125	Manual	Polyurethane Plast	1.5	7 1/16	3 3/16	
TA720	1/4	31	150	0-125	125	Auto	Polyurethane Plast	1.5	7 1/16	3 3/16	
TA723	1/4	38	150	0-125	125	Manual	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA724	1/4	38	150	0-125	125	Auto	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA727	3/8	73	150	0-125	125	Manual	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA728	3/8	73	150	0-125	125	Auto	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA731	1/2	78	150	0-125	125	Manual	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA732	1/2	78	150	0-125	125	Auto	Polyurethane w/guard	3.8	8 1/16	4 23/64	
TA733	1/2	78	250	0-125	150	Manual	Zinc	3.8	8 1/16	4 23/64	
STANDARD DUTY MODULAR DESIGN, 5-MICROMETRES FILTRATION											
TA735	1/2	110	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	5 3/8	
TA736	1/2	110	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	5 3/8	
TA739	3/4	125	150	0-125*	125	Manual	Polyurethane w/guard	8.5	10 21/64	6 1/16	
TA740	3/4	125	150	0-125*	125	Auto	Polyurethane w/guard	8.5	10 21/64	6 1/16	

*Also available 0-25 PSI, 0-60 PSI, 0-250 PSI



FILTERS

- High flow capacity reduces costly pressure drop
- Compact size allows greater design flexibility
- Lightweight for ease of installation

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
MINI MODULAR DESIGN, 5-MICROMETRES FILTRATION										
TA590	1/4	31	150	125	Manual	Polyurethane	1.5	5 3/64	1 19/32	
TA591	1/4	31	150	125	Auto	Polyurethane	1.5	5 3/64	1 19/32	
TA592	1/4	31	250	150	Manual	Zinc	1.5	5 3/64	1 19/32	
TA593	1/4	31	175	150	Auto	Zinc	1.5	5 3/64	1 19/32	
COMPACT MODULAR DESIGN, 5-MICROMETRES FILTRATION										
TA594	1/4	42	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA595	1/4	42	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA598	3/8	64	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA599	3/8	64	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA602	1/2	68	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA603	1/2	68	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
STANDARD DUTY MODULAR DESIGN, 5-MICROMETRES FILTRATION										
TA606	1/2	115	150	125	Manual	Polyurethane w/guard	8.5	7 63/64	2 11/16	
TA607	1/2	115	150	125	Auto	Polyurethane w/guard	8.5	7 63/64	2 11/16	
TA610	3/4	148	150	125	Manual	Polyurethane w/guard	8.5	7 63/64	3 1/32	
TA611	3/4	148	150	125	Auto	Polyurethane w/guard	8.5	7 63/64	3 1/32	
HEAVY-DUTY, 40-MICROMETRES FILTRATION										
TA614	1	240	250	150	Manual	Zinc	16	8 23/32	4 1/16	
TA615	1	240	175	125	Auto	Zinc	16	8 23/32	4 1/16	
TA616	1 1/2	450	250	150	Manual	Zinc	16	9 29/64	5 3/16	
TA617	1 1/2	450	175	125	Auto	Zinc	16	9 29/64	5 3/16	
TA618	2	1200	250	150	Manual	Zinc	16	13 1/32	6 3/16	
TA619	2	1200	175	125	Auto	Zinc	16	13 1/32	6 3/16	



Mini Design
w/Polyurethane Bowl
TA590



Compact Design w/
Polyurethane
TA594



Heavy-Duty Design
w/Zinc Bowl
TA614

COALESCING FILTERS

Highly efficient filters designed for applications requiring the removal of all solid particles greater than 0.01 micron, together with 99.999% of the oil and water aerosols.

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Max Temp.°F	Drain Type	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
COMPACT MODULAR DESIGN, 0.01-MICROMETRES FILTRATION										
TA765	1/4	20	150	125	Manual	Polyurethane	1.5	5 3/64	1 19/32	
TA766	1/4	20	150	125	Auto	Polyurethane	1.5	5 3/64	1 19/32	
TA767	1/4	20	250	150	Manual	Zinc	1.5	5 3/64	1 19/32	
TA769	1/4	43	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA770	1/4	43	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA771	1/4	43	250	150	Manual	Zinc	3.8	6 3/16	2 3/16	
TA772	1/4	43	175	125	Auto	Zinc	3.8	6 3/16	2 3/16	
TA777	3/8	43	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA778	3/8	43	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA779	3/8	43	250	150	Manual	Zinc	3.8	6 3/16	2 3/16	
TA780	3/8	43	175	125	Auto	Zinc	3.8	6 3/16	2 3/16	
TA773	1/2	43	150	125	Manual	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA774	1/2	43	150	125	Auto	Polyurethane w/guard	3.8	6 3/16	2 3/16	
TA775	1/2	43	250	150	Manual	Zinc	3.8	6 3/16	2 3/16	
TA776	1/2	43	175	125	Auto	Zinc	3.8	6 3/16	2 3/16	
STANDARD DUTY MODULAR DESIGN, 0.01-MICROMETRES FILTRATION										
TA781	1/2	85	150	125	Manual	Polyurethane w/guard	8.5	7 63/64	2 11/16	
TA782	1/2	85	150	125	Auto	Polyurethane w/guard	8.5	7 63/64	2 11/16	
TA783	1/2	85	250	150	Manual	Zinc	8.5	7 63/64	2 11/16	
TA784	1/2	85	175	125	Auto	Zinc	8.5	7 63/64	2 11/16	
TA785	3/4	85	150	125	Manual	Polyurethane w/guard	8.5	7 63/64	3 1/32	
TA786	3/4	85	150	125	Auto	Polyurethane w/guard	8.5	7 63/64	3 1/32	
TA787	3/4	85	250	150	Manual	Zinc	8.5	7 63/64	3 1/32	
TA788	3/4	85	175	125	Auto	Zinc	8.5	7 63/64	3 1/32	



Compact Design
w/Polyurethane Bowl
TA765



Compact Design
w/Polyurethane
TA769

COMPRESSOR ACCESSORIES

REGULATORS (GAUGE INCLUDED)

- High performance
- Compact design allows for greater design flexibility
- **Heavy-Duty:** High-capacity performance featuring rugged design for the most demanding applications

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Reduced Pressure Range PSI	Max Temp. °F	Bowl Type	H"	W"	Price /Each
MINI MODULAR DESIGN									
TA644	1/4	40	300	0-125	125	Zinc	4 3/32	1 19/32	
TA645	1/4	40	300	0-125 (Non-Rel)	125	Zinc	4 3/32	1 19/32	
TA646	1/4	40	300	0-25	125	Zinc	4 3/32	1 19/32	
TA647	1/4	40	300	0-60	125	Zinc	4 3/32	1 19/32	
COMPACT MODULAR DESIGN									
TA648	1/4	25	300	0-125	125	Zinc	4 9/64	2 3/16	
TA650	1/4	25	300	0-25	125	Zinc	4 9/64	2 3/16	
TA651	1/4	25	300	0-60	125	Zinc	4 9/64	2 3/16	
TA652	3/8	45	300	0-125	125	Zinc	4 9/64	2 3/16	
TA655	3/8	45	300	0-60	125	Zinc	4 9/64	2 3/16	
TA656	1/2	60	300	0-125	125	Zinc	4 9/64	2 3/16	
STANDARD DUTY MODULAR DESIGN									
TA660	1/2	150	300	0-125	125	Aluminum	5 9/16	2 11/16	
TA661	1/2	150	300	0-125 (Non-Rel)	125	Aluminum	5 9/16	2 11/16	
TA664	1/2	150	300	0-250	125	Aluminum	5 9/16	2 11/16	
TA665	3/4	150	300	0-125	125	Aluminum	5 9/16	3 1/32	
TA666	3/4	150	300	0-125 (Non-Rel)	125	Aluminum	5 9/16	3 1/32	
TA669	3/4	150	300	0-250	125	Aluminum	5 9/16	3 1/32	
HEAVY-DUTY									
TA670	1	400	300	0-125	125	Zinc	10 7/16	4 11/16	
TA672	1 1/2	500	300	0-125	125	Zinc	10 11/32	4 15/16	



Mini
TA644



Medium Duty
TA648



Heavy-Duty
TA670

LUBRICATORS

- High performance over a wide flow range
- Easy maintenance
- Compact size

TOPRING

Model No.	NPT Size"	Max SCFM @ 100 PSI	Max PSI	Max Temp. °F	Bowl Type	Bowl Cap. oz.	H"	W"	Price /Each
MINI MODULAR DESIGN									
TA675	1/4	45	150	125	Polyurethane	1.5	5 3/4	1 19/32	
COMPACT MODULAR DESIGN									
TA677	1/4	15	150	125	Polyurethane w/guard	3.8	6 15/16	2 3/16	
TA679	3/8	80	150	125	Polyurethane w/guard	3.8	6 15/16	2 3/16	
TA681	1/2	80	150	125	Polyurethane w/guard	3.8	6 15/16	2 3/16	
STANDARD DUTY MODULAR DESIGN									
TA683	1/2	110	150	125	Polyurethane w/guard	8.5	8 9/16	2 11/16	
TA684	1/2	110	250	150	Zinc	8.5	8 9/16	2 11/16	
TA685	3/4	125	150	125	Polyurethane w/guard	8.5	8 9/16	3 1/32	
TA686	3/4	125	250	150	Zinc	8.5	8 9/16	3 1/32	



Mini
w/Polyurethane Bowl
TA675



Standard w/Zinc
Bowl
TA684

AIR TOOL OIL

Air Tool Oil is specially formulated to preserve and maintain the internal seals and mechanisms present in most hand held air tools. Air Tool Oil lubricates under high pressure to fine tolerances and resists moisture induced corrosion, maximizing the service life and performance of your air tools. Air Tool Oil contains no silicone.

Lloyds

Model No.	Container	Price /Each
AA091	8-oz. poly bottle	
AA090	4-litre jug	



AIR TOOL OIL

- Ideal for keeping pneumatic equipment operating longer with greater power and less down time
- Formulated using a quality base lubricant and a high-tech additive system
- 15-oz. bottle

Model No. AF107
Price/Each \$



1.6 CONTINUOUS HP, 4.5-GALLON ELECTRIC WHEELED PORTABLE COMPRESSORS

- Vertical stand feature allows a user to transport or store compressor in a vertical position
- 78 dBA (tested per ISO3477) operational noise level for a quieter work environment
- 10" non-flat foam tires allow for easy transportation around the jobsite
- Oil free, maintenance free pump, for convenient use
- High flow coupler allows for maximum nailer performance
- Metal console panel provides gauges, couplers and regulators

Model No. TLV990 Mfg. No. D55146
Price/Each \$

Horsepower: 1.6 HP
Tank Size: 4.5 Gal
Power Supply: 120V
CFM @ 100 PSI: 5.2
Max PSI: 175
Dimensions: 33.5" L x 23" W x 15" H
Weight: 83 lbs.



DEWALT

HEAVY-DUTY 1.1 MAX HP 4-GALLON ELECTRIC HAND CARRY COMPRESSORS

- 4.5 CFM @ 100 PSI, enables speedy recovery
- Oil lubricated pump improves durability
- Dual soft start valves assist in cold weather start up
- 4 gallon twin stack tank design with proven acceptance in the market
- Cast iron cylinder enhances pump life

Model No. WK827 Mfg. No. D55153
Price/Each \$

Drive: Direct drive
Horsepower: 1.1 Max HP
Tank Size: 4 gal.
Power Supply: 120 VAC, 15 A, 60 Hz,
2 pole induction motor
CFM @100 PSI: 4.5 CFM
Pump Speed: 3400 RPM
Dimensions: 18" L x 18 1/2" W x 16 3/4" H
Weight: 56.5 lbs.
Includes: DeWalt synthetic compressor oil, 2 universal quick couplers and pressure regulator



DEWALT

0.3 CONTINUOUS HP 1-GALLON SINGLE TANK HAND CARRY COMPRESSORS

- 0.75 SCFM delivered @ 90 PSI pump, 1.0 gallon tank and 135 max PSI enables more nails to be fired and provides quicker recovery
- Durable oil-free pump provides extended maintenance-free operation
- Low 71 dBA* allows for quieter operation (*Tested per ISO3744)
- Roll cage and control panel provide protection to key compressor components
- Low 2.6 amp draw motor provides easy start-up and reduces breaker tripping
- Ball valve drain allows for quick and thorough tank draining
- One quick coupler to easily support 1 nailer
- High-flow regulator for increased performance

Model No. TJZ977 Mfg. No. D55140
Price/Each \$

Drive: Belt drive
Horsepower: 0.3 continuous HP
Tank Size: 1.0 gal.
Power Supply: 120 V, 10 A, 60 Hz,
universal motor
CFM @90 PSI: 0.75 CFM
Pump Speed: 2200 RPM
Dimensions: 19" L x 14.5" W x 9" H
Weight: 29 lbs.



DEWALT

3 HP ELECTRIC AIR COMPRESSORS

- Oil lubricated for cooler operation and reduced noise
- High output cast iron pump, delivers maximum performance
- Designed especially for framing nailers
- Air pressure regulator enables adjustments of line pressure to tool
- Stores 50' of 3/8" air hose with handle folded or upright

Model No. TLZ557 Mfg. No. MAC5200
Price/Each \$

Horsepower: 3.0 HP
Tank Size: 5.2 gal.
Power Supply: 120 V, 13.8 A,
CFM @90 PSI: 6.5 CFM
Max PSI: 140
Dimensions: 29" L x 19" W x 19 1/2" H
Weight: 88 lbs.
Includes: 1/4" quick coupler,
air filter, compressor oil



Makita

2.5 HP ELECTRIC AIR COMPRESSORS

- Oil lubricated for cooler operation and reduced noise
- High output cast iron pump with large bore cylinder
- Low amp draw reduces incidences of tripped breakers and voltage drop that can cause premature motor failure
- Air pressure regulator enables adjustments of line pressure
- Roll cage construction to protect components

Model No. TLZ558 Mfg. No. MAC2400
Price/Each \$

Horsepower: 2.5 HP
Tank Size: 2 x 2.1 gal.
Power Supply: 120 V, 12.3 A,
CFM @90 PSI: 4.2 CFM
Max PSI: 130
Dimensions: 19 3/8" L x 18 3/4" W x 18" H
Weight: 77 lbs.
Includes: 1/4" quick coupler,
air filter, compressor oil



Makita

COMPRESSORS

PORTABLE CONTRACTOR SERIES COMPRESSORS – OIL LUBE, DIRECT DRIVE

- For professional, farm, home and hobbyists
- Quiet running and low 1720 RPM pump
- Die cast aluminum pump with cast iron sleeves and stainless steel valves for longer life
- All electrical units draw 15 amps or under
- Manual reset for overload protection
- Includes: Regulator, pressure gauge, pressure switch with on/off, universal coupler, filter silencer with replacement element and pump oil
- Air outlet accepts 1/4" industrial male quick connector
- Factory tested prior to shipment
- Not intended for commercial use
- CSA approved
- 1-year limited manufacturer's warranty



TFA008



TFA009



TFA010



Model No.	Mfg. No.	Peak HP	Running HP @ 90 PSI	Actual FAD-CFM 90 PSI 125 PSI	Voltage /Phase	Amp Draw @ 125 PSI	Tank Size (gal.)	Pump RPM	Dimensions L" x W" x H"	Wt. lbs.	Price /Each
TFA008	DD-1004	1	1	4.5 4	115 V/1 PH	15	4	1720	16 x 16 x 23	65	
TFA009	DD-1503	1.5	1.5	6 4.6	115 V/1 PH	14	3.2	1720	22 x 9 x 23	55	
TFA010	DD-2022B	2	1.5	6 4.6	115 V/1 PH	15	4	1720	21 x 20 x 20	80	

KING CANADA INDUSTRIAL COMPRESSORS

- 2-cylinder cast iron single stage oil lubricated pump
- ASME registered tank and safety valve
- Large intake filters
- Pump with V-style design minimizes vibration, improves cooling and extends compressor life
- Portable units are equipped with 9 1/2" pneumatics wheels and front handle
- Gas units are equipped with a 4-stroke air cooled OHV Honda gas engine



TLV740



TLV742



TLV743



TLV744

TLV739



TLV741



Model No.	Mfg. No.	Peak HP	Air Delivery CFM 40 PSI 90 PSI	Max. PSI	Voltage/Phase	Tank Size (gal.)	Amp Draw Motor	Pump RPM	Wt. lbs.	Remarks	Price /Each
TLV739	KC-2051H1	5.5	7.6 6.0	150	120 V/1 PH	20	15	3450	145	Horizontal	
TLV740	KC-3124v1	5.5	7.6 6.0	150	120 V/1 PH	24	15/7.5	3600	170	Vertical	
TLV742	KC-6160v1	6.5	13.4 11.2	150	208/240 V/1 PH	60	15	3450	260	Vertical	
TLV743	KC-5160V1	6.5	22.6 18.5	150	208/240 V/1 PH	60	23	3450	280	Vertical	
TLV744	KC-7180V1-MS	7.5	43.0 30.0	150	208/240 V/1 PH	80	33	1800	510	Vertical	
TLV741*	KC-5510G1	5.5	14.1 11.2	150	5.5 HP Gas	10(2x5)	N/A	3600	165	Twin Horizontal	

*Gas powered

CONTRACTOR SERIES

- Direct drive units have splash lubricated pump with cast iron sleeve for longer life
- Belt drive units have durable cast iron pumps
- Splash type lubrication
- All cast iron pumps have steel valves for longer life
- Flywheels designed for excellent pump cooling
- Manual reset for overload protection
- Dual control-start/stop with pressure switch or constant speed operation for electric belt drive unit
- All gas units equipped with Honda® gas engines
- Idle-down throttle control for gas belt drive units
- Air outlet accepts 1/4" industrial male quick connector
- All units are factory tested prior to shipment
- 1-year warranty



TFA011



TFA017



TFA012



TFA014



TFA016



TFA013

Model No.	Mfg. No.	Peak HP	Running HP @ 90 PSI	Actual FAD-CFM 90 PSI 125 PSI	Max. PSI	Voltage /Phase	Tank Size (gal.)	Noise Level dBA	Amp Draw @ 125 PSI	Pump RPM	Wt. lbs.	Remarks	Price /Each
TFA011	DP-2004V	2	1.5	6.0 4.6	125	115 V/1 PH	3.2	83	12	3450	55	Pan-Cake	
TFA012	DP-2022H	2	1.5	6.0 4.6	125	115 V/1 PH	4	83	12	3450	65	Twin-Stack	
TLV736	PUK-1508MDC	1.5	1.5	6.6 6.0	125	115 V/1 PH	8	70	15	1100	210	Twin-Tank	
TFA013	PUK-2008MDC	2	2.0	9.5 8.0	125	115 V/1 PH	8	70	22	900	200	Twin-Tank	
TFA014	PUK-5508G	5.5	5.5	12.5 10.5	125	5.5 HP Gas	8	90 Run/82 Idle	N/A	1100	190	Twin-Tank	
TFA015	PUK-5520G	5.5	5.5	12.5 10.5	125	5.5 HP Gas	20	90 Run/82 Idle	N/A	1100	190	20 gal. portable	
TFA016	PUK-9008G	9	9	20.6 17.6	125	9 HP Gas	8	90 Run/82 Idle	N/A	1100	250	Twin-Tank	
TFA017	TUE-8008GE	8	8	15.6 12.5	175	8 HP Gas	8	90 Run/82 Idle	N/A	1100	250	Electric Start	

PROFESSIONAL SERIES

- Quiet operation
- All units are belt driven
- Durable cast iron pumps
- Splash type lubrication
- All cast iron pumps have steel valves for longer life
- Flywheels designed for excellent pump cooling
- Manual reset for overload protection
- Portable units equipped with built-in regulator, pressure gauges and on/off switch
- Fully assembled - require handle and wheel attachment
- Air outlet accepts 1/4" industrial male quick connector
- All units are factory tested prior to shipment
- For professional and automotive applications
- 1-year warranty



TFA019



TFA021



TFA022



TFA023



TFA024

Model No.	Mfg. No.	HP	Actual FAD-CFM 40 PSI 90 PSI	Max. PSI	Voltage /Phase	Tank Size (gal.)	Noise Level dBA	Wt. lbs.	Remarks	Price /Each
TFA019	PK-2008	2	4.0 3.2	125	115 V /1 PH	8	80	90	Horizontal-Portable	
TFA020	PK-3011	3	6.0 5.3	125	115 V/1 PH	11	80	110	Horizontal-Portable	
TFA021	PK-5020	5	7.8 6.4	125	115 V/1 PH	20	70	150	Horizontal-Portable	
TFA022	PK-5020VP	5	7.8 6.4	125	115 V/1 PH	20	70	150	Vertical-Portable	
TFA023	PP-6060V	3	12.5 11.0	125	230 V/1 PH	60	75	300	Vertical-15 A Motor	
TFA024	PK-6560V	3.5	20.0 18.0	125	230 V/1 PH	60	75	330	Electric Start	

COMPRESSORS

INDUSTRIAL SERIES

- Quiet operation
- Heavy-duty two-stage high efficient air compressors
- Durable cast iron pumps for performance and durability
- Splash type lubrication
- All cast iron pumps have steel valves for longer life
- Flywheels designed for excellent pump cooling
- Air outlet accepts 1/4" industrial male quick connector
- All units are factory tested prior to shipment
- For commercial, automotive and industrial applications
- 2-year warranty



5 HP VERTICAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-5080V	No. of cylinders:	3
CFM @ 100 PSI:	19.4	Pump RPM:	960
Max. PSI:	175	Noise Level:	79 dBA
Tank Size:	80 gallons	Wt. Lbs.:	600

Model No.	Mfg. No.	Voltage	Price/Each
TFA031	TK-5080V-01M	208-230 V - 1 phase	
TFA032	TK-5080V-02M	200-208 V - 3 phase	
TFA033	TK-5080V-03M	230-240 V - 3 phase	
TFA034	TK-5080V-04M	460-480 V - 3 phase	
TFA035	TK-5080V-05M	575-600 V - 3 phase	

5 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-5080	No. of cylinders:	3
CFM @ 100 PSI:	19.4	Pump RPM:	960
Max. PSI:	175	Noise Level:	79 dBA
Tank Size:	80 gallons	Wt. Lbs.:	600

Model No.	Mfg. No.	Voltage	Price/Each
TFA041	TK-5080-01M	208-230 V - 1 phase	
TFA042	TK-5080-02M	200-208 V - 3 phase	
TFA043	TK-5080-03M	230-240 V - 3 phase	
TFA044	TK-5080-04M	460-480 V - 3 phase	
TFA045	TK-5080-05M	575-600 V - 3 phase	

7.5 HP VERTICAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-7580V	No. of cylinders:	2
CFM @ 100 PSI:	26.1	Pump RPM:	995
Max. PSI:	175	Noise Level:	78 dBA
Tank Size:	80 gallons	Wt. Lbs.:	650

Model No.	Mfg. No.	Voltage	Price/Each
TFA051	TK-7580V-01M	208-230 V - 1 phase	
TFA052	TK-7580V-02M	200-208 V - 3 phase	
TFA053	TK-7580V-03M	230-240 V - 3 phase	
TFA054	TK-7580V-04M	460-480 V - 3 phase	
TFA055	TK-7580V-05M	575-600 V - 3 phase	

7.5 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-7580	No. of cylinders:	2
CFM @ 100 PSI:	26.1	Pump RPM:	995
Max. PSI:	175	Noise Level:	78 dBA
Tank Size:	80 gallons	Wt. Lbs.:	650

Model No.	Mfg. No.	Voltage	Price/Each
TFA061	TK-7580-01M	208-230 V - 1 phase	
TFA062	TK-7580-02M	200-208 V - 3 phase	
TFA063	TK-7580-03M	230-240 V - 3 phase	
TFA064	TK-7580-04M	460-480 V - 3 phase	
TFA065	TK-7580-05M	575-600 V - 3 phase	

10 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-100120	No. of cylinders:	3
CFM @ 100 PSI:	36.1	Pump RPM:	843
Max. PSI:	175	Noise Level:	80 dBA
Tank Size:	120 gallons	Wt. Lbs.:	950

Model No.	Mfg. No.	Voltage	Price/Each
TFA070	TK-100120-02M	200-208 V - 3 phase	
TFA071	TK-100120-03M	230-240 V - 3 phase	
TFA072	TK-100120-04M	460-480 V - 3 phase	
TFA073	TK-100120-05M	575-600 V - 3 phase	

15 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-150120	No. of cylinders:	3
CFM @ 100 PSI:	52.3	Pump RPM:	668
Max. PSI:	175	Noise Level:	80 dBA
Tank Size:	120 gallons	Wt. Lbs.:	1100

Model No.	Mfg. No.	Voltage	Price/Each
TFA078	TK-150120-02M	200-208 V - 3 phase	
TFA079	TK-150120-03M	230-240 V - 3 phase	
TFA080	TK-150120-04M	460-480 V - 3 phase	
TFA081	TK-150120-05M	575-600 V - 3 phase	

20 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-200120	No. of cylinders:	3
CFM @ 100 PSI:	70	Pump RPM:	890
Max. PSI:	175	Noise Level:	82 dBA
Tank Size:	120 gallons	Wt. Lbs.:	1160

Model No.	Mfg. No.	Voltage	Price/Each
TFA086	TK-200120-02M	200-208 V - 3 phase	
TFA087	TK-200120-03M	230-240 V - 3 phase	
TFA088	TK-200120-04M	460-480 V - 3 phase	
TFA089	TK-200120-05M	575-600 V - 3 phase	

25 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-250240	No. of cylinders:	4
CFM @ 100 PSI:	87.7	Pump RPM:	542
Max. PSI:	175	Noise Level:	78 dBA
Tank Size:	240 gallons	Wt. Lbs.:	1500

Model No.	Mfg. No.	Voltage	Price/Each
TFA094	TK-250240-02M	200-208 V - 3 phase	
TFA095	TK-250240-03M	230-240 V - 3 phase	
TFA096	TK-250240-04M	460-480 V - 3 phase	
TFA097	TK-250240-05M	575-600 V - 3 phase	

30 HP HORIZONTAL COMPRESSORS – TWO STAGE

Mfg. No.:	TK-300240	No. of cylinders:	4
CFM @ 100 PSI:	100.8	Pump RPM:	650
Max. PSI:	175	Noise Level:	80 dBA
Tank Size:	240 gallons	Wt. Lbs.:	1500

Model No.	Mfg. No.	Voltage	Price/Each
TFA102	TK-300240-02M	200-208 V - 3 phase	
TFA103	TK-300240-03M	230-240 V - 3 phase	
TFA104	TK-300240-04M	460-480 V - 3 phase	
TFA105	TK-300240-05M	575-600 V - 3 phase	

11 HP GAS ENGINE COMPRESSORS

Mfg. No.:	TUK-1130GE	No. of cylinders:	3
CFM @ 100 PSI:	19.4	Pump RPM:	960
Max. PSI:	175	Noise Level:	90 dBA (run) 82 dBA (idle)
Tank Size:	30 gallons	Wt. Lbs.:	450

Model No.	Price/Each
TFA106	

ARBOR PRESSES

- Precision cut steel rams and pinions for accurate operation
- Complete with 4-position anvil



Model No. TM196
Mfg. No. KAP-3
Capacity: 3 tons
Diameter of work: 12 1/2"
Capacity over table: 12"
Dim.: 17 1/2" L x 10 1/2" W x 24" H
Weight: 140 lbs.
Price/Each \$



PUNCH & DIE KIT

- Mounting bracket included
- Includes : 3/8" Punch , 7/16" Punch , 9/16" Punch, 5/8" Punch, 3/4" Punch, 13/16" Punch , 15/16" Punch, 1-1/8" Punch, Punch Plate and Die

Model No. TYP041
Mfg. No. KM-045
Price/Each \$



SINGLE LEVERAGE ARBOR PRESSES

- Adjustable handle for convenient positioning
- Smooth action gears for improved ram control
- High quality construction for long life



Model No.	Mfg. No.	Capacity Tons	Leverage Ratio	Max. Capacity"	Throat"	Base"	Height"	Wt. lbs.	Price /Each
SOLID TABLE									
TGZ875	01001	1	25:1	4 1/2	3 1/2	4 1/4 x 9 1/2	9	25	
TGZ876	01002	1 1/2	32:1	7 3/4	4 1/2	6 x 15	14 1/2	60	
SLOTTED TABLE									
TGZ877	01004	1	25:1	5	3 1/2	4 1/4 x 9	9 3/8	25	
TGZ878	01005	1 1/2	32:1	7 3/4	4 1/2	6 x 14	14 1/2	65	
TGZ879	01006	3	36:1	11 1/2	7	7 1/4 x 18	19	130	

RATCHET LEVER ARBOR PRESSES

- Ratcheting mechanism
- Hand wheel advances ram to work quickly
- Counterweight returns lever quickly after down stroke
- High quality construction for long life



Model No.	Mfg. No.	Capacity Tons	Leverage Ratio	Max. Capacity"	Throat"	Base"	Height"	Wt. lbs.	Price /Each
TGZ880	02001	3	48:1	10 3/4	7	7 1/4 x 18	19	145	
TGZ881	02002	3	48:1	17 1/2	7	8 1/4 x 21	28	196	
TGZ882	02003	3	48:1	11 1/4	17 1/2	8 1/4 x 37 1/4	24 3/8	425	
TGZ883	02007	3	48:1	10 3/4	7	Side Mount	18 1/2	125	
TGZ884	02004	5	55:1	14 1/2	10	10 x 24	28 1/2	450	
TGZ885*	02006	5	55:1	24 1/2	10	21 1/2 x 9	58	1045	

*Floor stand model



TGZ875



TGZ880

DURA-PRESS HYDRAULIC PRESSES

- 110 V electric power unit
- Sturdy welded channel iron frame
- Push button ram advance for easy operation
- Pressure gauge
- Safety relief valve
- Quiet low pressure hydraulics for smooth pressing
- 10" ram travel
- TEP061 comes w/throttling valve



Model No.	Capacity Tons	Horse Power	Max. Capacity"	Upright Width"	Base"	Height"	Wt. lbs.	Price /Each
TEP061	10	1	40	20	29 1/2 x 24	66	300	
TGZ887	25	1	44	28	37 1/2 x 30	73	415	

HYDRAULIC SHOP PRESS W/GRID GUARD

- Heavy-duty "H" frame with pressure gauge
- Great for straightening, pressing, bending or stamping
- Used to install or remove gears, bushings, or bearings
- Adjustable bed height with support rods
- Comes with 2 pressure plates



TMA103

TMA018

Model No.	Mfg. No.	Max. Capacity Tons	Stroke"	Working Range"	Bed Width"	Dimensions L" x W" x H"	Wt. lbs.	Price /Each
TMA103	KHP-10T-GG	10	7 1/8	0-13 3/8	13 3/16	34 x 19 5/8 x 40	110	
TMA018	KHP-20T-GG	20	7 1/4	0-37 1/2	21 5/8	32 1/2 x 27 1/2 x 70 1/2	200	

MILLING & DRILLING MACHINES



1-5/8" ELECTROMAGNETIC DRILL KIT

- Optimized cutting & drilling speeds
- Magnetic deadlift (1") 1800 lbs. Auto-Stop function
- Carrying Handle
- Auto-stop lift-off detection
- Tool free feed-handle LED light
- Feed handle can be changed from the left or right side of the tool
- Includes: 1-5/8" Electromagnetic Drill, Lubrication Spray Bottle, 1/2" Chuck Adapter, Chuck Key, (2) 1" Retractable Pilot Pins, Safety Strap & Carrying Case

Model No. TYP028
Mfg. No. 4272-21
Price/Each \$

SPECIFICATIONS

Amperage: 13.0
Voltage: 120 V
Drill Capacity: 1-1/2"/1-5/8"
No Load RPM: 730/475
Drill Point Pressure: 600 lbs.
Drill Travel: 5-3/4"
Stoke Length: 5-3/4"
Tool Weight: 30.0 lbs.



1 1/4" ADJUSTABLE POSITION ELECTROMAGNETIC DRILL PRESSES

- Solid state electronic switching
- Feedback speed control
- Line Lock-Out prevents tool from operating should voltage be restored to an interrupted line

Model No. TF320
Mfg. No. 4208-1
Price/Each \$

SPECIFICATIONS

Amperage: 12.5
Drill Capacity: 1 1/4"
No Load RPM: 500/250
Drill Point Pressure: 1530/1600 lbs.
Drill Travel: 11"
Tool Weight: 72.0 lbs.



NOVA VOYAGER DVR DRILL PRESS

- Powerful direct-drive, high-torque motor with no pulleys or belts to cause vibration
- Digital Variable Reluctance (DVR) direct-drive technology with Adaptive Control Software, which works for you to produce optimum results in wood, metal, plastic and glass
- Constant torque-under-load, depth and vibration sensors and emergency stop
- Slow-start pilot hole, tapping assist with chip breaking cycle and self-start functions
- Intelligent speed selection and dial knob for precise speed adjustments
- Electronic braking and forward/reverse



Model No.
Mfg. No.
Chuck Size:
No Load Speed:
Table Size:
Motor:
Voltage:
Dimensions:
Price/Each

TYY149
58000
5/8"
3000 RPM
16-1/2" W x 16-1/2" L x 1" H
1.75 HP, 15 A
120 V, 60 Hz, 1 phase
17-1/2" W x 22-1/4" L x 70-5/8" H
\$

8" DRILL PRESSES

- Spindle is supported by high quality ball bearings
- Switch located at the front of the machine for easy access
- Positive depth stop for quick and easy adjustment
- 45° tilting table for angular drilling
- Includes: 1/2" drill chuck and key



Model No.
Mfg. No.
Chuck Size:
Speeds:
Table Size:
Spindle Taper:
Motor:
Voltage:
Dimensions:
Weight:
Price/Each

TM197
KC-108N
1/2"
5 (620-3100 RPM)
6 1/2" x 6 1/2"
#33 JT
2.5 A, 1 phase, 60 Hz
110 V
6 3/4" x 16 1/2" x 23"
38 lbs.
\$

10" DRILL PRESSES W/LASER

- Dual intersecting adjustable laser guides
- Spindle is supported by high quality ball bearings
- Switch located at the front of the machine for easy access
- Positive depth stop for quick and easy adjustment
- 45° tilting table for angular drilling
- Includes: 1/2" drill chuck and key



Model No.
Mfg. No.
Chuck size:
Speeds:
Table size:
Spindle Taper:
Motor:
Voltage:
Dimensions:
Weight:
Price/Each

TBW135
KC-110N
1/2"
5 (570-3050 RPM)
7 3/4" x 7 3/4"
#33 Jacobs
3.2 A, 1 phase, 60 Hz
110 V
11" L x 18 1/2" W x 29" H
70 lbs.
\$

13" FLOOR DRILL PRESSES W/LASER

- Spindle is supported by high quality ball bearings
- Cast-iron pulleys reduce vibrations
- Comes with non-slip rubber feed handles
- 45° tilting table for angular drilling
- Locking depth stop for accurate repetitive blind hole drilling
- Includes: 5/8" drill chuck, key and 4" vise
- Light socket incorporated into drill press head (standard light bulb not included)



Model No.	TM209
Mfg. No.	KC-116FN
Chuck size:	5/8"
Max. distance chuck to table:	23 1/2"
Max. distance chuck to base:	45"
Table size:	11 3/4"
Speeds:	16 (220-3600 RPM)
Spindle Taper:	#2 Morse
Motor:	7.5 A, 1 phase, 60 Hz
Voltage:	110 V
Dimensions:	11 3/4" L x 24" W x 62 1/2" H
Weight:	120 lbs.
Price/Each	\$

13" DRILL PRESSES W/LASER

- Spindle is supported by high quality ball bearings
- Cast-iron pulleys reduces vibrations
- Comes with non-slip rubber feed handles
- 45° tilting table for angular drilling
- Locking depth stop for accurate repetitive blind hole drilling
- Includes: 5/8" drill chuck, key and 4" vise
- Light socket incorporated into drill press head (standard light bulb not included)



Model No.	BV666
Mfg. No.	KC-116N
Chuck size:	5/8"
Max. distance chuck to table:	13 3/4"
Max. distance chuck to base:	26"
Table size:	12 13/16"
Speeds:	16 (210-3670 RPM)
Spindle Taper:	#2 Morse
Motor:	7.5 A, 1 phase, 60 Hz
Voltage:	110 V
Dimensions:	12 13/16" L x 25" W x 42" H
Weight:	125 lbs.
Price/Each	\$

15" FLOOR DRILL PRESSES W/LASER

- Spindle is supported by high quality ball bearings
- Cast-iron pulleys reduces vibrations
- Comes with non-slip rubber feed handles
- 45° tilting table for angular drilling
- Locking depth stop for accurate repetitive blind hole drilling
- Includes: 5/8" drill chuck, key and 4" vise
- Light socket incorporated into drill press head (standard light bulb not included)



Model No.	TM211
Mfg. No.	KC-117FN
Chuck size:	5/8"
Max. distance chuck to table:	23"
Max. distance chuck to base:	44 1/2"
Table size:	13 5/8"
Speeds:	16 (210-3670 RPM)
Spindle Taper:	#2 Morse
Motor:	8.5 A, 1 phase, 60 Hz
Voltage:	110 V
Dimensions:	13 5/8" L x 25" W x 63 1/2" H
Weight:	157 lbs.
Price/Each	\$

CHUCK SAFETY GUARDS



TJZ763



TJZ764



TJZ765



Model No.	Mfg. No.	Description	Price /Each
TJZ763	KM-116	Drill press chuck safety guard for BV666 and TM209	
TMA035	KM-117	Drill press chuck safety guard for TS206 and TM211	
TJZ764	KM-118	Drill press chuck safety guard for TM213	
TJZ765	KM-122	Drill press chuck safety guard for TM214	

DRILL CHUCKS

PLAIN BEARING CHUCKS

- For medium or heavy-duty portable, bench or floor-mounted power tools
- Exceptionally high accuracy, gripping power and durability
- Wide range of capacities for use on threaded and taper-mounted spindles
- Jaws treated to ensure thread life and high gripping surface hardness
- 1-piece sleeve

TAPER-MOUNTED – HEAVY-DUTY MODELS

- Fluted sleeve standard except model **TB844**, which is smooth and ground
- Models **TB839** and **TB846** are equipped with a positive drive slot
- Models **TB840** and **TB847** are equipped with a pin-type positive drive
- Model **TB844** is equipped with locking collar - 1 1/16-20 thread

Model No.	Mfg. No.	Cap. Min."	Cap. Max."	Mount	Key No.	Price /Each
TB838	3A	0.125	0.625	3JT	K3	
TB839	3KD	0.125	0.625	3JT	K3	
TB840	3PD	0.125	0.625	3JT	K3	
TB841	34-02	0.040	0.500	2JT	K3	
TB842	34-06	0.040	0.500	6JT	K3	
TB802	34-33	0.040	0.500	33JT	K3	
TB844	34-33C	0.040	0.500	33JT	K3C	
TB845	36	0.180	0.800	3JT	K4	



Taper-Mounted

TAPER-MOUNTED – MEDIUM-DUTY MODELS

- Fluted sleeve standard except models **TB848** and **TB849**, which are smooth and ground
- All series 33 Plain Bearing Chucks are hammer capable
- Model **TB855** is equipped with a positive drive slot

Model No.	Mfg. No.	Capacity Min."	Capacity Max."	Mount	Key No.	Price /Each
TB848	0	0.135	0.156	0JT	K0	
TB849	1A	0.040	0.250	1JT	K1	
TB850	2A	0.040	0.375	2JT	K2	
TB853	33	0.08	0.500	33JT	K32	
TB854	3326A	0.08	0.500	0.6250 Straight	K32	
TB855	33KD	0.08	0.500	33JT	K32	

THREAD-MOUNTED – HEAVY-DUTY MODELS

- Fluted sleeve standard on all models

Model No.	Mfg. No.	Cap. Min."	Cap. Max."	Mount	Key No.	Price /Each
TB856	3B 5/8	0.125	0.625	5/8-16	K3	
TB857	7BA 3/8	0.04	0.250	3/8-24	K7	
TB859	3B 1/2	0.125	0.625	1/2-20	K3	
TB860	36B3/4	0.188	0.800	3/4-16	K4	
TB861	36B 5/8	0.188	0.800	5/8-16	K4	



Thread-Mounted

THREAD-MOUNTED – MEDIUM-DUTY MODELS

- Fluted sleeve standard except models **TB862**, **TB863** and **TB866**, which are smooth and ground

Model No.	Mfg. No.	Capacity Min."	Capacity Max."	Mount	Key No.	Price /Each
TB862	0B 5/16	0.0135	0.156	5/16-24	K0	
TB863	1B3/8	0.040	0.250	3/8-24	K1	
TB864	2BA 3/8	0.040	0.375	3/8-24	K2	
TB865	41BA 3/8	0.040	0.375	3/8-24	K30	
TB866	41BA 3/8-S	0.040	0.375	3/8-24	K30	
TB867	41BA 1/2	0.040	0.375	1/2-20	K30	
TB868	33BA1/2	0.08	0.500	1/2-20	K32	
TB869	33BA 3/8	0.08	0.500	3/8-24	K32	
TB870	33BA 5/8	0.08	0.500	5/8-16	K32	

Jacobs®

BALL BEARING CHUCKS

- For heavy-duty, close tolerance production drilling
- Fits jig borers, milling machines, lathes and radials
- Ball thrust bearings reduce friction
- Jaws are centre-ground for absolute straightness and alignment
- Jaws treated to ensure extended life and high gripping surface hardness
- 1-piece sleeve
- Fluted sleeve standard



Model No.	Mfg. No.	Capacity Min."	Capacity Max."	Mount	Key No.	Price /Each
TB832	8 1/2N	0.040	0.250	2JT	K30	
TB833	11N	0.040	0.375	2JT	K32	
TB834	14N	0.040	0.500	3JT	K3	
TB835	16N	0.125	0.625	3JT	K4	
TB836	18N	0.125	0.750	4JT	K4	
TB837	20N	0.375	1.000	5JT	K5	

PORTABLE TOOL CHUCKS

- Hand-Tite® keyless drill chucks
- Keyless operation
- Made from high performance materials
- Durable, long lasting performance
- Fits all variable speed corded and cordless portable drill



Model No.	Mfg. No.	Capacity	Cap. Min. "	Cap. Max. "	Mount	Wt. lbs.	Price /Each
TT566	30354	3/8" (10 mm)	0.040	0.375	3/8 - 24	1/2	
TT567	31038D	1/2" (13 mm)	0.062	0.50	1/2 - 20	3/4	
TT568	31037D	1/2" (13 mm)	0.062	0.50	3/8 - 24	3/4	

STAINLESS KEYED CHUCKS

- For special applications on either portable drills or stationary machine tools
- Mainly used in medical and chemical industries
- Resists chemical corrosion
- Reduces potential for hazardous sparking
- Minimises risk of ferrous contamination in sterile environment
- Stainless steel chucks available in both thread mounting and taper mounting
- **TBR876** and **TBR878** take **TLV651** key
- **TDR881**, **TDR877** and **TDR879** take **TLV652** key



Model No.	Mfg. No.	Capacity Min."	Capacity Max."	Mount	Price /Each
TDR876	0M	0.028	5/32	#0 JT	
TDR878	0BM 5/16	0.028	5/32	5/16-24	
TDR881	1M	0.028	1/4	#1 JT	
TDR877	1BM 5/16	0.028	1/4	5/16-24	
TDR879	1BM 3/8	0.028	1/4	3/8-24	

Jacobs®

TAPER CHUCK ARBORS

- Morse taper to Jacobs® taper
- Precision machined and ground to master gauges
- For use with custom tool and work holder designs
- For specialized machining applications



Jacobs®

Model No.	Mfg. No.	Morse to Mfg.	Overall Length"	Price /Each
TB885	A0101	1 Morse x 1JT	3.38	
TB886	A0102	1 Morse x 2JT	3.59	
TB887	A0106	1 Morse x 6JT	3.72	
TB888	A0133	1 Morse x 33JT	3.72	
TB889	A0201	2 Morse x 1JT	3.94	
TB890	A0202	2 Morse x 2JT	4.16	
TB891	A0203	2 Morse x 3JT	4.50	
TB892	A0204	2 Morse x 4JT	4.94	
TB893	A0206	2 Morse x 6JT	4.28	
TB894	A0233	2 Morse x 33JT	4.28	
TB895	A0301	3 Morse x 1JT	4.69	
TB896	A0302	3 Morse x 2JT	4.94	
TB897	A0303	3 Morse x 3JT	5.27	
TB898	A0304	3 Morse x 4JT	5.70	
TB899	A0305	3 Morse x 5JT	5.94	
TB900	A0306	3 Morse x 6JT	5.06	
TB901	A0333	3 Morse x 33JT	5.06	
TB902	A0402	4 Morse x 2JT	5.91	
TB903	A0403	4 Morse x 3JT	6.25	
TB904	A0404	4 Morse x 4JT	6.69	
TB905	A0405	4 Morse x 5JT	6.91	
TB906	A0406	4 Morse x 6JT	6.03	
TB908	A0503	5 Morse x 3JT	7.50	
TB909	A0504	5 Morse x 4JT	7.94	
TB910	A0505	5 Morse x 5JT	8.16	

KEY LEASHES

Key leashes for chuck keys.

Jacobs®

Model No.	Mfg. No.	Fits Key No.	Price /Each
TB973	3685D	TB963, TB964 and TB970	
TB974	3686D	TB971, TB972 and TB966	



CHUCK KEYS

These standard chuck keys are used for plain, ball-bearing and other chucks.

Jacobs®

Model No.	Mfg. No.	Pilot Size"	Used on Mfg.	Price /Each
T-HANDLE				
TB963	K0	1/8	0 Series	
TB964	K1	5/32	1 Series	
TB965	K5	7/16	20N	
THUMB HANDLE				
TB966	K2	1/4	2 Series	
TB967	K3	5/16	3, 34 Series and 14N	
TB968	K3C	5/16	34-33C	
TB969	K4	3/8	36, 16, 18N	
TB971	K30	15/64	31 Series and 8 1/2N	
TB972	K32	1/4	32, 33 Series and 11N	



KEY-BAK® CHUCK KEY RETRACTORS

- 24" stainless steel chain
- Chrome texture finish
- Fastens directly to the side of the drill press
- Never misplace your chuck key again

Model No. TLZ012
Mfg. No. #7LSC
Price/Each \$

KEY-BAK®



DRILL SLEEVES & EXTENSION SOCKETS

Jacobs®

DRILL SLEEVES - MORSE TAPER ARCHER® SERIES 600

- Drill sleeves adapt Morse taper shank tools to larger machine spindles
- Oil toughened and externally precision ground with hardened tang



Model No.	Mfg. No.	Morse Taper No. Outside	Inside	Length"	Price /Each
TB911	610	1	0	3.125	
TB912	621	2	1	3.62	
TB913	632	3	2	4.38	
TB914	631	3	1	3.88	
TB915	643	4	3	5.50	
TB916	642	4	2	4.88	
TB917	641	4	1	4.88	
TB918	651	5	1	6.12	
TB919	654	5	4	6.69	
TB920	653	5	3	6.12	
TB921	652	5	2	6.12	
TB922	664	6	4	8.56	
TB923	665	6	5	8.56	

EXTENDED SOCKETS - MORSE TAPER ARCHER® SERIES 800

Extended sockets extend tool lengths and application distances while adapting for increases or decreases in applied tool Morse taper sizes. These extension sockets are externally precision ground with hardened tang.



Model No.	Mfg. No.	Morse Taper No. Outside	Inside	Length"	Price /Each
TB937	811	1	1	5.71	
TB938	812	1	2	6.30	
TB939	821	2	1	6.30	
TB940	822	2	2	6.89	
TB941	823	2	3	7.72	
TB942	831	3	1	6.89	
TB943	832	3	2	7.64	
TB944	833	3	3	8.46	
TB945	834	3	4	9.45	
TB946	842	4	2	8.46	
TB947	843	4	3	9.45	
TB948	844	4	4	10.43	
TB949	845	4	5	11.81	
TB950	853	5	3	10.35	
TB951	854	5	4	11.81	
TB952	855	5	5	13.19	

EJECTING DRIFTS

These drifts eject Morse taper sizes 0 through 6 from sleeves, sockets and machine spindles.

Jacobs®



Model No.	Mfg. No.	For Ejection of	Price /Each
TB954	902	Nos. 1 & 2 Morse Tapers	
TB955	903	Nos. 3 & 4 Morse Tapers	
TB956	904	Nos. 4 & 5 Morse Tapers	
TB957	906	No. 6 Morse Taper	

WEDGE SETS

For removing taper mount chucks from arbors or chucks.

Model No.	Set No.	Used on Mfg. Taper No.	Price /Each
TB959	#1 Wedge Set	1JT	
TB960	#2 Wedge Set	2JT	
TB961	#3 Wedge Set	3JT	
TB962	#6 Wedge Set	6JT and 33JT	

Note: Removal of Jacobs® tapers no. 4 and no. 5 requires stacking of no. 3 and no. 6 wedge sets.



BENCH GRINDERS & ABRASIVES

6" BENCH GRINDERS

- 3.5 A, 110 V, single phase
- Wheel diameter: 6"
- 3500 RPM
- Weight: 18 lbs.
- Includes: Adjustable tool rests, removable wheel covers, plastic eye shields and medium and coarse grinding wheels

Model No. BT354
Mfg. No. KC-690
Price/Each \$



6" BENCH GRINDERS WITH LAMP

- 3.5 A, 110 V, single phase
- Wheel diameter: 6"
- 3500 RPM
- Weight: 19 lbs.
- Includes: Adjustable tool rests, removable wheel covers, plastic eye shields and medium, coarse grinding wheels and work light

Model No. TG113
Mfg. No. KC-690L
Price/Each \$



8" BENCH GRINDERS

- 7 A, 110 V, single phase
- Wheel diameter: 8"
- 3450 RPM
- Weight: 36 lbs.
- Includes: Adjustable tool rests, removable wheel covers, plastic eye shields and medium and coarse grinding wheels

Model No. TM223
Mfg. No. KC-890
Price/Each \$



6" BENCH GRINDERS

- Powerful 5/8 HP induction motor for heavy-duty grinding operations
- Motor runs at 3450 RPM for high speed material removal
- Industrial cast iron base and motor housing provide durability and prolong life
- Precision-machined aluminum tool rests allow the user to accurately position work
- Rear exhaust ports in wheel guards for smoother operation
- 12 1/2" distance between wheels for longer and larger grinding applications
- Includes: 36-grit wheel, 60-grit wheel, eye shields, spark deflectors, tool rests, adjusting wrench



Model No. VE369
Amps: 4.0 AC
Horsepower: 5/8 HP
No load speed: 3450 RPM
Wheel dia.: 6"
Price/Each \$

Mfg. No. DW756
Spindle dia: 1/2"
Adjustable tool resets: Yes
Tool length: 15"
Tool weight: 28.5 lbs.

10" BENCH GRINDERS

- 14 A, 110 V, single phase
- Wheel diameter: 10"
- 1720 RPM
- Weight: 80 lbs.
- Includes: Removable wheel covers, plastic eye shields and medium and coarse grinding wheels

Model No. TZ815
Mfg. No. KC-1090
Price/Each \$



BENCH GRINDER STANDS

- Made of cast iron with coolant reservoir
- 32 3/4" high

Model No. WK731
Mfg. No. SS-150
Price/Each \$



INDUSTRIAL BENCH GRINDERS

- Warranted for 3 full years these grinders are made for constant industrial use
- They are supplied with 8 ft. 3 wire cord, eyeshields and pressed tool rests and supports



BALDOR

Model No.	Mfg. No.	Wheel Dia."	HP	Arbor"	RPM	Motor	Wt. lbs.	Price /Each
TM148	612R	6 x 3/4	1/3	1/2	3600	115 V/1 HP	29	
TM154	712R	7 x 1	1/2	5/8	3600	115 V/1 HP	45	

aurora tools®

**Tools for industry ...
made to last.**



BENCH GRINDERS & ABRASIVES

BENCH GRINDING WHEELS

D x T x H: Diameter x Thickness x Hub Size

GEMINI

- Quality, grey aluminum oxide for metal general purpose applications and sharp, green silicon carbide for nonferrous applications
- Each wheel contains nested bushings, accommodates a wide variety of standard arbor sizes
- Economical prices; ideal for small job shops and numerous applications



NORTON

Model No.	Mfg. No.	Size					Grade	Max RPM	Price /Each
D"	x	T"	x	H"					
ALUMINUM OXIDE WHEELS FOR STEEL APPLICATION									
NS320	36132	6	x	1/2	x	1	Coarse	4140	
NS321	36131	6	x	1/2	x	1	Medium	4140	
NS322	36133	6	x	1/2	x	1	Fine	4140	
NS323	37103	6	x	3/4	x	1	Coarse	4140	
NS324	37102	6	x	3/4	x	1	Medium	4140	
NS325	37101	6	x	3/4	x	1	Fine	4140	
NS326	37958	6	x	1	x	1	Coarse	3600	
NS327	37957	6	x	1	x	1	Medium	3600	
NS328	37100	6	x	1	x	1	Fine	3600	
NS329	42292	7	x	1	x	1	Coarse	3600	
NS330	42294	7	x	1	x	1	Medium	3600	
NS331	42295	7	x	1	x	1	Fine	3600	
NS332	42315	8	x	3/4	x	1	Coarse	3600	
NS333	42316	8	x	3/4	x	1	Medium	3600	
NS334	42317	8	x	3/4	x	1	Fine	3600	
NS335	44454	8	x	1	x	1	Very coarse	3600	
NS336	44449	8	x	1	x	1		Coarse	3600
NS337	44448	8	x	1	x	1	Medium	3600	
NS338	44447	8	x	1	x	1	Fine	3600	
NS339	60788	10	x	1	x	1	Very coarse	2485	
NS340	60787	10	x	1	x	1	Coarse	2485	
NS341	60789	10	x	1	x	1	Medium	2485	
NS342	60350	10	x	1	x	1	Fine	2485	
NS343	61250	10	x	1 1/4	x	1 1/4	Coarse	2485	
NS344	61251	10	x	1 1/4	x	1 1/4	Medium	2485	
NS345	61393	10	x	1 1/2	x	1 1/4	Coarse	2485	
NS346	61395	10	x	1 1/2	x	1 1/4	Medium	2485	
NS347	63052	12	x	1 1/2	x	1 1/2	Coarse	2070	
NS348	63053	12	x	1 1/2	x	1 1/2	Medium	2070	
NS349	63054	12	x	2	x	1 1/2	Very coarse	2070	
NS350	63055	12	x	2	x	1 1/2	Coarse	2070	
NS351	63056	12	x	2	x	1 1/2	Medium	2070	

BENCH & PEDESTAL GRINDING WHEELS

- For general purpose grinding work on bench and pedestal grinders
- Grits 24 and 36 for fast and rough grinding
- Grit 46 for intermediate requirements
- Grits 60 and 80 for a finer finish work
- All 6", 7", 8" and 10" wheels are supplied with nested reducer bushings to fit on 1", 3/4" and 1/2" shafts



Model No.	Mfg. No.	Size D" x T" x H"				Grit	Max RPM	Price /Each
VE777	12-E-344	6	x	1	x	1	36 Coarse	4100
VE778	12-E-345	6	x	1	x	1	46 Medium	4100
VE779	12-E-348	6	x	1	x	1	80 Fine	4100
VE785	12-E-543	8	x	1	x	1	24 Coarse	3600
VE786	12-E-545	8	x	1	x	1	46 Medium	3600
VE787	12-E-547	8	x	1	x	1	60 Fine	3600

SCOTCH-BRITE™ EXL DEBURRING WHEELS

Use to clean, finish, blend, deburr or polish all types of metals, composites and glass.



Model No.	Grit	Finish	Size D" x T" x H"				Max. RPM	Price /Each
BP694	8A	Medium	6	x	1/2	x	1	6000
BP695	8S	Fine	6	x	1/2	x	1	6000
BP696	9S	Fine	6	x	1/2	x	1	6000
BP690	8A	Medium	6	x	1	x	1	6000
BP692	8S	Fine	6	x	1	x	1	6000
BP693	9S	Fine	6	x	1	x	1	6000
BP701	8A	Medium	8	x	1/2	x	3	4500
BP697	8A	Medium	8	x	1	x	3	4500
BP698	8S	Fine	8	x	1	x	3	4500
BP700	9S	Fine	8	x	1	x	3	4500

CRIMPED WIRE WHEEL BRUSHES

- Can be mounted horizontally or vertically
- Highly flexible, ideal for light to medium duty surface preparation on irregular surface
- Offered a variety of style from aggressive material removal to surface conditioning and polishing



NARROW FACE

- More flexible than the wide and medium style
- Can be mounted in multiples
- To be used with a straight grinder, a bench/pedestal grinder or a right angle grinder
- Application:** Deburring and cleaning narrow areas, producing antique finishes, rust and paint removal



Brush Dia."	Arbor Hole"	Wire Gauge"	Trim Length"	Face Width"	Max RPM	Model No.	Price /Each
STEEL							
6	1 1/4	0.0104	1 1/8	5/8	6000	BW882	
8	1 1/4	0.014	1 1/2	5/8	4500	BW886	
10	1 1/4	0.014	2 1/2	5/8	3600	BW888	
STAINLESS							
6	1 1/4	0.0104	1 1/8	5/8	6000	BW899	
8	1 1/4	0.0104	3/4	1/2	4500	BW900	

SEE PAGES 941-947 FOR A WIDE VARIETY OF WIRE WHEEL BRUSHES

MEDIUM FACE

- Greater fill density and more aggressive brushing action
- Can be adaptable to multiple mounting for brushing wider areas
- To be used with a bench/pedestal grinder
- Application:** Edge blending, deburring, rust removal, surface finishing and cleaning



Brush Dia."	Arbor Hole"	Wire Gauge"	Trim Length"	Face Width"	Max RPM	Model No.	Price /Each
STEEL							
6	2	0.0118	1	7/8	6000	BW996	
8	2	0.0118	1 1/2	5/8	4500	BX006	
10	2	0.0118	2	1 1/4	3600	BX022	
STAINLESS							
6	2	0.0118	1	7/8	6000	BX040	
8	2	0.0118	1 1/2	5/8	4500	BX038	

SHIMS & GAUGES

SLOTTED SHIMS

- Slotted shim is the best way to solve alignment and leveling problems
- Shims conform to standard bolt and stud sizes
- Each shim marked with thickness in decimal and metric
Thicknesses up to 0.010" are permanently etched
Thicknesses over 0.015" are permanently stamped
- 300 series stainless steel material resists rust and corrosion



SLOTTED SHIMS INDIVIDUAL PACKAGES

Thickness"	Pcs Per Pkg	2" x 2"		3" x 3"		4" x 4"		5" x 5"	
		Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.001	20	GR276		GR289		GR302		GR315	
0.002	20	GR277		GR290		GR303		GR316	
0.003	20	GR278		GR291		GR304		GR317	
0.004	20	GR279		GR292		GR305		GR318	
0.005	20	GR280		GR293		GR306		GR319	
0.010	20	GR281		GR294		GR307		GR320	
0.015	10	GR282		GR295		GR308		GR321	
0.020	10	GR283		GR296		GR309		GR322	
0.025	10	GR284		GR297		GR310		GR323	
0.050	5	GR285		GR298		GR311		GR324	
0.075	5	GR286		GR299		GR312		GR325	
0.100	5	GR287		GR300		GR313		GR326	
0.125	5	GR288		GR301		GR314		GR327	

SLOTTED SHIMS ASSORTMENTS

Full and mini assortments come in durable metal boxes.

Shop kits are packaged in a sturdy chipboard box

- A. Full Assortment:** Contains 260 Pcs. 20 each of 13 sizes (0.001", 0.002", 0.003", 0.004", 0.005", 0.010", 0.015", 0.020", 0.025", 0.050", 0.075", 0.100", 0.125")
- B. Mini Assortment:** Contains 130 Pcs., 10 each of 13 sizes (0.001", 0.002", 0.003", 0.004", 0.005", 0.010", 0.015", 0.020", 0.025", 0.050", 0.075", 0.100", 0.125")
- C. Shop Kit:** Contains 80 Pcs., 10 each of 8 sizes (0.001", 0.003", 0.005", 0.010", 0.015", 0.020", 0.025", 0.075")

ASSORTMENTS

	2" x 2"	3" x 3"	4" x 4"	5" x 5"
	Model No.	Model No.	Model No.	Model No.
A.	GR264	GR265	GR266	GR267
B.	GR268	GR269	GR270	GR271
C.	GR272	GR273	GR274	GR275

SLOTTED SHIM SLOT SIZES

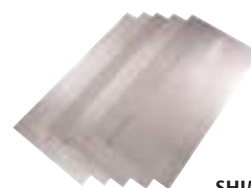
2" x 2"	3" x 3"	4" x 4"	5" x 5"
5/8"	3/4"	1 1/4"	1 5/8"

SLOTTED SHIM TOLERANCES

Thickness"	Tolerance"
0.001	± 0.00008
0.002	± 0.0001
0.003	± 0.00015
0.004	± 0.0002
0.005	± 0.00025
0.010-0.020	± 0.0005
0.025	± 0.00075
0.05	± 0.001
0.075 & 0.100	± 0.002
0.125	± 0.0025

SHIM STOCK ROLLS & SHEETS

- Precision Brand steel shim stock is a full hard, cold rolled, low carbon 1010
- Rockwell hardness: RB90-100
- Approx. tensile strength: 80 000 PSI
- Meets ASTM A-109, AISI 1010



ROLLS (1 ROLL PER PKG.)

Thickness"	STEEL 6" x 100"		STAINLESS STEEL 6" x 50"		BRASS 6" x 100"	
	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.0005	-	-	GR350	-	-	-
0.0010	GR328	-	GR351	-	GR367	-
0.0015	GR329	-	GR352	-	GR368	-
0.0020	GR330	-	GR353	-	GR369	-
0.0025	GR331	-	-	-	-	-
0.0030	GR332	-	GR354	-	-	-
0.0035	GR333	-	-	-	-	-
0.0040	GR334	-	GR355	-	GR371	-
0.0050	GR335	-	GR356	-	GR372	-
0.0060	GR336	-	GR357	-	GR373	-
0.0070	GR337	-	GR358	-	GR374	-
0.0080	GR338	-	GR359	-	GR375	-
0.0090	GR339	-	GR360	-	GR376	-
0.0100	GR340	-	GR361	-	GR377	-
0.0120	GR341	-	GR362	-	GR378	-
0.0135	GR342	-	-	-	-	-
0.0150	GR343	-	GR363	-	GR379	-
0.0165	GR344	-	-	-	-	-
0.0180	GR345	-	-	-	GR380	-
0.0200	GR346	-	GR364	-	GR381	-
0.0220	GR347	-	-	-	-	-
0.0250	GR348	-	GR365	-	GR382	-
0.0310	GR349	-	GR366	-	GR383	-

SHEETS (10 SHEETS PER PKG.)

Thickness"	STEEL 6" x 18"		STAINLESS STEEL 6" x 25"		BRASS 6" x 18"	
	Model No.	Price /Each	Model No.	Price /Each	Model No.	Price /Each
0.0010	GR384	-	-	-	GR413	-
0.0015	GR385	-	-	-	GR414	-
0.0020	GR386	-	-	-	GR415	-
0.0025	GR387	-	-	-	-	-
0.0030	GR388	-	-	-	GR416	-
0.0035	GR389	-	-	-	-	-
0.0040	GR390	-	-	-	GR417	-
0.0050	GR391	-	-	-	GR418	-
0.0060	GR392	-	-	-	GR419	-
0.0070	GR393	-	-	-	GR420	-
0.0080	GR394	-	GR406*	-	GR421	-
0.0090	GR395	-	-	-	GR422	-
0.0100	GR396	-	GR407*	-	GR423	-
0.0120	GR397	-	GR408*	-	GR424	-
0.0135	GR398	-	-	-	-	-
0.0150	GR399	-	GR409*	-	GR425	-
0.0165	GR400	-	-	-	-	-
0.0180	GR401	-	-	-	GR426	-
0.0200	GR402	-	GR410*	-	-	-
0.0220	GR403	-	-	-	-	-
0.0250	GR404	-	GR411*	-	GR427	-
0.0310	GR405	-	GR412*	-	GR428	-

*Stainless Steel Sheets sold in pack of 2

SHIM TOLERANCES

Thickness"	Tolerance"
STEEL	
0.001 - 0.003	± 10%
0.0035 - 0.006	± 0.0005
0.007 - 0.018	± 0.00075
0.020 - 0.025	± 0.001
0.031	± 0.0015
Width Tolerance	± 0.005
STAINLESS STEEL	
0.0005 - 0.010	± 10%
0.011 - 0.019	± 0.001
0.020 - 0.028	± 0.0015
0.029 - 0.031	± 0.002
Width Tolerance	± 0.005
BRASS	
0.001 - 0.003	± 10%
0.004	± 0.0003
0.005 - 0.006	± 0.0004
0.007 - 0.009	± 0.0006
0.010 - 0.013	± 0.0008
0.014 - 0.017	± 0.0010
0.018 - 0.021	± 0.0013
0.022 - 0.031	± 0.002
Width Tolerance	± 0.008

SHIM STOCK ASSORTMENTS

Model No.	Type	Description	Price/Each
-----------	------	-------------	------------

SHIM STOCK SHEET ASSORTMENTS

GR431	Stainless Steel Sheet Assortment	Contains 8 sheets 6" x 12", one sheet of each: 0.001", 0.002", 0.003", 0.005", 0.008", 0.010", 0.015", 0.020"	
GR432	Brass Sheet Assortment	Contains 12 sheets 6" x 18" one sheet of each: 0.001", 0.0015", 0.002", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.010", 0.012", 0.015"	
GR433	Steel Sheet Assortment	Contains 12 sheets 6" x 18", one sheet of each: 0.001", 0.0015", 0.002", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.010", 0.012", 0.015"	

SHIM STOCK ROLL ASSORTMENTS

GR429	Steel Roll Assortment	Contains 4 rolls per assortment 6" x 50" (Includes one roll of each: 0.001", 0.002", 0.003", 0.005")	
GR430	Brass Roll Assortment	Contains 4 rolls per assortment 6" x 50" (Includes one roll of each: 0.001", 0.002", 0.003", 0.005")	

COLOUR-CODED
PLASTIC SHIM STOCKS

- Precision Brand colour-coded shim is made from high quality plastic material
- Resist oil, easy to cut, minimal compression during use
- Thickness to industry standards
- Non conductive to electricity



PLASTIC SHIM STOCK COLOUR-CODED

				5" x 20"		10" x 20"	
Thickness Inch	cm	Colour	Qty. Pkg.	Model No.	Price /Each	Model No.	Price /Each
0.0005	0.013	Silver	5	GR434		GR451	
0.0010	0.0250	Amber	5	GR435		GR452	
0.0015	0.0380	Purple	5	GR436		GR453	
0.0020	0.0510	Red	5	GR437		GR454	
0.0030	0.0760	Green	5	GR438		GR455	
0.0040	0.1020	Tan	10	GR439		GR456	
0.0050	0.1270	Blue	10	GR440		GR457	
0.0075	0.1910	Matte	10	GR441		GR458	
0.0100	0.2540	Brown	10	GR442		GR459	
0.0125	0.3180	Black	10	GR443		GR460	
0.0150	0.3810	Pink	10	GR444		GR461	
0.0200	0.5080	Yellow	10	GR445		GR462	
0.0250	0.6350	White	10	GR446		GR463	
0.0300	0.7620	Coral	10	GR447		GR464	
0.0400	1.0160	Clear	3	GR448		GR465	
0.0500	1.2700	Clear	3	GR449		GR466	
0.0600	1.524	Clear	3	GR450		GR467	

PLASTIC SHIM STOCK COLOUR-CODED ASSORTMENTS

Each assortment contains 1 each of the following: 0.0005", 0.001", 0.0015", 0.002", 0.003", 0.004", 0.005", 0.0075", 0.010", 0.015", 0.020", 0.025", 0.030"

Model No.	Description	Price/Each
GR468	5" x 20" 14 sheets	
GR469	10" x 20" 14 sheets	

FEELER GAGE STOCKS

- Precision Brand feeler gage is made from 1/2" wide spring steel stock, close grain C1095 high-carbon steel
- Hardened and tempered to RC 48-62
- Thickness clearly etched
- Material is ground and polished to precision tolerances
- 12 pieces per box



FEELER GAGE STOCK FLAT LENGTHS 1/2" X 12"

Model No.	Thickness Inch	cm	Price /Each	Model No.	Thickness Inch	cm	Price /Each
GR470	0.0010	0.0250		GR487	0.0160	0.4060	
GR471	0.0015	0.0380		GR488	0.0170	0.4320	
GR472	0.0020	0.0510		GR489	0.0180	0.4570	
GR473	0.0025	0.0640		GR490	0.0190	0.4830	
GR474	0.0030	0.0760		GR491	0.0200	0.5080	
GR475	0.0040	0.1020		GR492	0.0210	0.5330	
GR476	0.0050	0.1270		GR493	0.0220	0.5590	
GR477	0.0060	0.1520		GR494	0.0230	0.5840	
GR478	0.0070	0.1780		GR495	0.0240	0.6100	
GR479	0.0080	0.2030		GR496	0.0250	0.6350	
GR480	0.0090	0.2290		GR497	0.0280	0.7110	
GR481	0.0100	0.2540		GR498	0.0300	0.7620	
GR482	0.0110	0.2790		GR499	0.0310	0.7870	
GR483	0.0120	0.3050		GR500	0.0320	0.8130	
GR484	0.0130	0.3300		GR501	0.0340	0.8640	
GR485	0.0140	0.3560		GR502	0.4000	1.0160	
GR486	0.0150	0.3810					

STEEL FEELER GAGE ASSORTMENT

The "Big Poc-Kit" Assortment

Contains 20 Blades - 1/2" X 12" including case

Model No. GR503

Price/Each \$

KEY STOCKS



STAINLESS STEEL

Model No.	Fraction Size"	Metric Size mm	Length"	Price /Each
GR251	1/8	3.18	12	
GR252	3/16	4.76	12	
GR253	1/4	6.35	12	
GR254	5/16	7.94	12	
GR255	3/8	9.53	12	
GR256	7/16	11.11	12	
GR257	1/2	12.70	12	
GR258	5/8	15.88	12	
GR259	3/4	19.05	12	
GR260	7/8	22.23	12	
GR261	1	25.40	12	

STAINLESS STEEL
KEYSTOCK ASSORTMENT

Model No.	Sizes"	Length"	Qty Each	Price /Each
GR262	3/16	12	4	
	1/4	12	4	
	5/16	12	4	
	3/8	12	4	
	7/16	12	4	
	1/2	12	4	

ZINC-PLATED KEYSTOCK ASSORTMENT

Model No.	Sizes"	Length"	Qty Each	Price/Each
GR208	3/16	12	6	
	5/16	12	6	
	7/16	12	4	
	1/2	12	4	

ZINC PLATED

Model No.	Size"	Length"	Price /Each
GR183	3/32	12	
GR184	1/8	12	
GR185	5/32	12	
GR186	3/16	12	
GR187	7/32	12	
GR188	1/4	12	
GR189	9/32	12	
GR190	5/16	12	
GR191	3/8	12	
GR192	7/16	12	
GR193	1/2	12	
GR194	9/16	12	
GR195	5/8	12	
GR196	11/16	12	
GR197	3/4	12	
GR198	13/16	12	
GR199	7/8	12	
GR200	1	12	
GR201	1-1/8	12	
GR202	1-3/16	12	
GR203	1-1/4	12	
GR204	1-3/8	12	
GR205	1-1/2	12	
GR206	1-3/4	12	
GR207	2	12	

- Steel keystock is used to provide driving torque between shafts and pulleys, gears, sprockets, etc.
- Material is high-quality, cold-drawn, low carbon C1018 steel
- Most tolerances on material are oversized to assure tight fit in keyways for positive, zero backlash power transmission
- Meets ASTM standard A-108

ZINC-PLATED KEYSTOCK TOLERANCES

Size"	Square"
3/32 - 5/8	+0.003/-0
11/16	+0.001/-0.004
3/4	+0.003/-0
13/16 - 1-1/2	+0.004/-0
1-3/4 - 2	+0.005/-0

MACHINIST'S TOOLS

ELECTRONIC CALIPERS

- Lightweight, ergonomic design
- Large easy to read LCD, 32" high
- Inch/millimeter conversion reads 0.0005" or 0.01 mm
- Zero at any position
- Automatic shut off after 5 minutes of nonuse
- Single long life battery is easily accessible
- Hardened stainless steel body
- Integrated depth rod on all sizes
- Fine adjustment thumb wheel
- Lock screw to hold the slide in position
- Resolution is 0.0005" (0.01 mm)
- Furnished in a fitted protective case



Model No.	Mfg. No.	Range	Approximate Jaw Depth	Price /Each
IA386	799A-6/150	0-6" (0-150mm)	1 1/2" (38 mm) Outside, 5/8" (16 mm) Inside	
IA379	EC799A-8/200	0-8" (0-200mm)	2" (50.8 mm) Outside, 3/4" (19 mm) Inside	

EXTENDED RANGE ELECTRONIC DIGITAL CALIPERS

- Lightweight, ergonomic design
- Inch/millimeter conversion reads 0.0005" or 0.01 mm
- Hardened stainless steel measuring surfaces for long life
- Fine adjustment thumb wheel
- Lock screw to hold the slide in position
- Resolution: 0.0005" (0.01 mm)
- Zero at any position
- Preset and hold feature
- Minimum and maximum limits set
- LCD characters are 0.50" high
- Automatic shut-off after 30 minutes of non-use
- Last measuring position retained when shut off
- Includes: protective fitted case



Model No.	Mfg. No.	Description	Price/Each
IA473	799AZ-24/600	Electronic Slide Caliper w/Case 24"/600 mm	
IA623	799AZ-40/1000	Electronic Slide Caliper w/Case, 40"/1000 mm	

DIAL CALIPERS

- Sharp, clear dial graduations of 0.001" with 0.100" per revolution
- Thumb-operated fine adjustment roll
- Sharp, black graduations on the satin finished bar, every 0.100"
- Lock screws for sliding jaw and dial bezel
- Covered rack depth rod 6" and 8" models
- Knife-edge contacts
- Adjustable bezel
- Hardened stainless steel bar, measuring surfaces, rack, gears and depth rod
- Positive, spring-loaded double pinion anti-backlash control



Model No.	Mfg. No.	Description	Price/Each
HW273	1202-6	6" Dial Caliper w/Case	
HX214	1202-8	8" Dial Caliper w/Case	
HX215	3202-12	12" Dial Caliper w/Case	

ALL STAINLESS STEEL ELECTRONIC DIGITAL CALIPERS

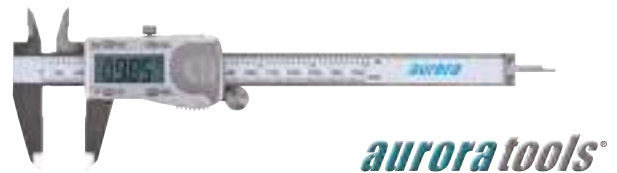
- Large LCD display provides easy-to-read numbers
- Precision adjustments for accurate measurements
- Hardened stainless steel head and body
- Lock screw to hold slide in position
- Linear accuracy: +/- .001" (.03 mm)
- Inch/millimeter conversion
- Zero at any position
- ON/OFF button
- Includes: Two 1.5 V batteries, type LR44 and deluxe storage case with foam inserts



Model No.	Size	Measurement Range	Approximate Jaw Depth	Price/Each
TGZ370	6	0-6" (152 mm)	1 9/16" (40 mm) outside, 13/16" (21 mm) inside	
TJZ861	8	0-8" (200 mm)	1 13/16" (46 mm) outside, 1" (26 mm) inside	
THZ769	12	0-12" (300 mm)	2 3/8" (60 mm) outside, 1" (26 mm) inside	

6" ELECTRONIC DIGITAL CALIPERS

- Large LCD display provides easy-to-read numbers
- Precision adjustments for accurate measurements
- ABS plastic head and stainless steel body
- Lock screw to hold slide in position
- Approximate jaw depth: 1 9/16" (40 mm) outside, 13/16" (21 mm) inside
- Inch/millimeter conversion
- Zero at any position
- Automatic shut OFF
- Includes two 3.0 V batteries, type CR3032 and a deluxe storage case with foam insert



Model No.	Measurement Range	Resolution	Price /Each
TLV181	0-6" (0-152 mm)	0.001" (0.03mm)	

ABS DIGIMATIC CALIPER

- Digital readout LCD shows inch or metric units for versatility when measuring
- Advanced onsite sensor (AOS) electromagnetic inductive sensor for resistance to dirt, oil, and water
- Measures inside, outside, depth, and step values for versatility
- Includes protective case and SR44 silver oxide battery



Model No.	Mfg. No.	Measuring Range	Resolution	Accuracy +/-	Price /Each
HM704	500-196-30	0"-6" (0 mm-152 mm)	0.0005" (0.01 mm)	0.001" (0.0254 mm)	

ELECTRONIC DIGITAL MICROMETERS (W/OUTPUT)

NO. 733 SERIES - 0-24" (0-600 MM)

- Large, right-sized, high-contrast LCD digital readout is easy to read
- Conventional inch or millimeter graduations standard
- Balanced frame design for comfortable and accurate measuring
- Ring-type knurled lock nut for quick and sure locking
- Smooth friction thimble for uniform pressure
- Micrometers are furnished in protective cases

Starrett®

WITH STANDARD INCH GRADUATIONS ON SHELL & THIMBLE

Range Inch	Approx. mm	Resolution Inch	mm	Model No.	EDP No.	Price /Each
0 - 1	0 - 25.4	0.00005	0.001	HV706	64239	
0 - 1	0 - 25.4			HV707*	66905	
1 - 2	25.4 - 50.8			HV709	64241	
2 - 3	50.8 - 76			HV711	64242	
3 - 4	76 - 101	0.0001	0.001	HV713	64243	
4 - 5	101 - 127			HV715	64244	
5 - 6	127 - 152			HV717	64245	
6 - 7	152 - 178			HV719	64246	
7 - 8	178 - 203			HV720	64247	
8 - 9	203 - 228			HV721	64248	
9 - 10	228 - 254			HV722	64249	
10 - 11	254 - 279			HV723	64250	

* With standard letter of certification

ELECTRONIC MICROMETERS (W/O OUTPUT)

NO. 3732 SERIES - 0-6" (0-150 MM)

- Large, high-contrast LCD readout
- .250" (6.35mm) spindle diameter
- Smooth friction thimble for uniform pressure
- Ring-type knurled lock nut for quick and sure locking
- English/Metric models feature inch graduations on shell and thimble
- Measurement HOLD button
- Ability to zero tool at any position
- Ability to retain and return to the true zero reading
- PRESET button to install any reading at any position
- Includes one 3-volt battery for over one year of normal usage
- Includes fitted plastic case

Starrett®

Model No.	EDP No.	Resolution Inch	mm	Range Inch	mm	Price /Each
IA776	12268	0.00005	0.001	0-1	0-25.4	
IA945	12269	0.00005	0.001	1-2	25.4-50.8	
IA946	12270	0.00005	0.001	2-3	50.8-76	
IA947	12271	0.00005	0.001	3-4	76-101	
IA948	12272	0.0001	0.001	4-5	101-127	
IA949	12273	0.0001	0.001	5-6	127-152	

MICROMETER

- Carbide measuring faces
- Clear graduations on satin chrome finish
- Hammettone baked enamel finish
- Ratchet stop
- Supplied in fitted plastic case

Mitutoyo

Model No.	Mfg. No.	Measuring Range	Resolution	Accuracy +/-	Price /Each
HA216	103-260	0"-1" (0mm-25 mm)	0.0001" (0.00254 mm)	0.0001" (0.00254 mm)	

SOLID-ROD INSIDE MICROMETERS

- Measuring rods are solid and assembled on one side of micrometer head
- Rods are insulated
- Each rod marked with length
- Hardened and ground anvils on rods, adjustable for length
- Head anvil is hardened and ground
- Quick-reading figures – every thousandth numbered on inch reading tools
- With case



2-32" / 50-800 mm Ranges

Starrett®



Measuring I.D. with micrometer and rod.

GRADUATION – .001"

Range	Movement of Screw	No. Measuring Rods	No. of Gauges	Model No.	EDP No.	Price /Each
2-8"	1/2"	6	One 1/2" Gauge	HT711	50542	
2-12"	1/2"	10	One 1/2" Gauge	HT713	50546	
8-32"	1"	4	One 1" and Two 2" Gauges	HT715	50550	
2-32"	1/2" and 1" (2 Heads)		Comprised of Sets HT711 and HT715	HT717	50554	

GRADUATION – 0.01 MM

50-200 mm	13 mm	6	One 12 mm Gauge	HT722	56141	
50-300 mm	13 mm	10	One 12 mm Gauge	HT724	56142	
200-800 mm	25 mm	4	One 25 mm, Two 50 mm	HT726	56143	
50-800 mm	13 & 25 mm (2 Heads)		Comprised of Sets HT721 and HT725	HT728	56144	

DIAL POCKET GAUGES

- Ideal for verifying materials up to 3/8" (9 mm) thick
- Case is chrome plated with an unbreakable crystal
- Flat contacts
- Protective case included



Starrett®

Model No.	EDP No.	Graduation"	Dial Reading	Range"	Price /Each
HW235	53114	0.001	0-100	0.375	

ELECTRONIC DIGITAL MICROMETERS

- Large LCD display provides easy-to-read numbers
- Carbide tipped measurement surfaces
- Resolution to 5 decimal places
- Linear accuracy: +/- .0001" (.003 mm)
- Inch/millimetre conversion
- Includes calibration wrench
- Zero at any position
- Lock screw to hold mechanism in position
- Automatic OFF button
- Includes: Thimble ratchet, two 1.5 V batteries, type LR44, wooden storage case with foam insert



aurora tools®

Model No.	Measurement Range	Resolution	Price /Each
IA388	0-1" (0-25mm)	0.00005" (0.001mm)	

MEASURES, RULES, SQUARES & LEVELS

700 SERIES MAGNETIC END HOOK MEASURING TAPES

- Magnetic end hook is a time-saver for framers, HVAC installers and more
- Use for one-man measurements of steel framing and drop ceiling grids
- Powerful dual magnets can also serve as a pick-up tool
- Non-slip co-molded rubber grip
- Durable clear coat blade protection for longer blade life
- Steel reinforced end hook for longer service life
- Tough ABS case to stand up to the toughest work site



TLZ076

Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TLZ169	L725MAG	1	25'	in/ft.	16/19.2	
TLZ076	L748MAG	1	26'8 m	in/cm	16/19.2	

800 SERIES EXTRA-WIDE POWER RETURN MEASURING TAPES

- New blade design achieves 10' stand-out, make longer measurements
- Soft touch lock button for better feel and control
- Rubber cushion absorbs impact and improved grip
- Clear coat blade protection - more durable markings
- 4-rivet end hook - increased strength for long blade life
- Non-slip slide lock for positive blade locking
- Easy on/off belt clip for fast attachment to belt
- Orange case designed to fit your hand



Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Price /Each
IA627	XL8525	1 3/16	25	in/ft.	

AUTOLOCK MEASURING TAPES

- High visibility with rubber comfort grip
- Automatic blade lock
- Recessed lock release
- TLZ075 comes with magnetic end hook



TJZ389

Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TJZ389	AL725	1	25'	in/ft.	16/19.2	
TJZ388	AL748CME	1	26'8 m	in/cm	16/19.2	
TLZ075	AL725MAG	1	25'	in/ft.	16/19.2	

SERIES 2000 MEASURING TAPES

- Case designed to fit perfectly in the hand
- Lightweight, high strength chrome finished case
- Fits easily into most tape holsters
- Bright yellow blade has clear easy-to-read numerals
- Toggle lock positioned for convenient operation, holds blade securely
- Cushioned blade return
- Removable belt clip



TLV593

Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TLV588	P2212	1/2	12'	in/ft.	16"	
TLV593	P2312	3/4	12'	in/ft.	16"	
TLV602	P2316	3/4	16'	in/ft.	16"	
TLV607	P2125	1	25'	in/ft.	16"/19.2"	
TLV618	P2133	1	33'	in/ft.	16"/19.2"	
TLV591	P2034CME	3/4	13'4 m	in/cm	-	
TLV600	P2035CME	3/4	16'5 m	in/cm	-	
TLV608	P2048CME	1	26'8 m	in/cm	-	
TLV617	P2410CME	1	33'10 m	in/cm	19.2"	
TLV601	P2335ME	3/4	16'5 m	in/cm	16"/40 cm	
TLV599	P2035CM	3/4	5 m	mm/m	-	

HI-VIZ® ORANGE MEASURING TAPES

- Hi-Viz® orange case - easy to find on the job
- Rubber cushion case exterior protects tape from impact and improves grip
- Fits easily into most tape holsters
- Bright yellow blade has clear easy-to-read numerals
- Toggle lock is positioned for convenient operation
- Holds the blade securely in any position
- Cushioned blade return
- Removable belt clip



TLV589

Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TLV589	PHV1012	1/2	12'	in/ft.	16	
TLV596	PHV1312	3/4	12'	in/ft.	16	
TLV605	PHV1316	3/4	16'	in/ft.	16	
TLV612	PHV1425	1	25'	in/ft.	16/19.2	
TLV620	PHV1433	1	33'	in/ft.	16/19.2	
TLV590	PHV1024CME	1/2	12'/3.6 m	in/cm	-	
TLV594	PHV1034CME	3/4	12'/3.6 m	in/cm	-	
TLV604	PHV1035CME	3/4	16'5 m	in/cm	-	
TLV610	PHV1048CME	1	26'8 m	in/cm	19.2	
TLV619	PHV1410CME	1	33'10 m	in/cm	19.2	

LUFKIN CONTROL SERIES

- New design gives users maximum control when extending and retracting the tape blade
- The Drag Strip™ access opening on the bottom of the tape allows users to regulate blade feed and return with their fingertip for greater control
- 10' stand-out capacity and extra-wide end hook make this tape perfect for the toughest jobs
- Integrated D-ring for tether strap or easy hanging storage



TLV746

Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TLV745	CS8516	3/4	16'	in/ft.	16/19.2	
TLV746	CS8525	1 3/16	25'	in/ft.	16/19.2	
TLV747	CS8525CME	1 3/16	26' (8 m)	in/cm	16/19.2	

MEASURES, RULES, SQUARES & LEVELS

KTX SERIES MEASURING TAPES

- Red ABS plastic and ergonomic design provides durability and comfort
- Positive sliding lock holds tape securely while transferring measurement to work surfaces
- Blade colour: Yellow
- Protective nylon coating provides 2X blade abrasion resistance, protecting numbers and graduations
- End type: Self adjusting end hook
- Includes a steel belt clip



TLV532

Starrett®

Model No.	Mfg. No.	Blade Width"	Length	Graduation Style	Graduations	Price /Each
TLV538	KTX34-16-N	3/4	16'	English	1/16"	
TLV537	KTX34-16ME-N	3/4	16'	English/Metric	1/16" and Millimeters	
TLV539	KTX34-5M-N	3/4	5 m	Metric	Millimeters	
TLV530	KTX12-12-N	1/2	12'	English	1/16"	
TLV529	KTX12-12ME-N	1/2	12'	English/Metric	1/16" and Millimeters	
TLV531	KTX12-3.5M-N	1/2	3.5 m	Metric	Millimeters	
TLV532	KTX1-25-N	1	25'	English	1/16"	
TLV533	KTX1-26ME-N	1	26'	English/Metric	1/16" and Millimeters	
TLV534	KTX1-30-N	1	30'	English	1/16"	
TLV535	KTX1-35-N	1	35'	English	1/16"	
TLV536	KTX1-8M-N	1	8 m	Metric	Millimeters	

MEASURING TAPES

- Heavy-duty tape line
- Sure locking break
- Easy-to-read blade
- Two rivets holding the tip for extra security
- Composite covering for extra comfort



TJZ115

aurora tools®

Model No.	Blade Width"	Length'	Graduations	Price /Each
TJZ115	5/8	12	in/ft.	
TJZ116	5/8	12	in/cm	
TJZ117	3/4	16	in/ft.	
TJZ118	3/4	16	in/cm	
TJZ801	1	25	in/ft.	
TJZ802	1	25	in/cm	
TJZ803	1	30	in/ft.	
TJZ804	1 1/4	25	in/ft.	

KTXP SERIES MEASURING TAPES

- Silver-grey high impact resistant PC- ABS plastic for superior case life
- Positive sliding lock holds tape securely while transferring measurement to work surface
- Blade colour: Yellow
- Protective nylon coating provides 2X blade abrasion resistance, protecting numbers and graduations
- End type: Self adjusting end hook
- Includes a black anodized steel belt clip



TLV542

Starrett®

Model No.	Mfg. No.	Blade Width"	Length	Graduation Style	Graduations	Price /Each
TLV542	KTXP106-25-N	1	25'	English	1/16"	
TLV543	KTXP106-26ME-N	1	26/8 m	English/Metric	1/16" and Millimeters	
TLV545	KTXP106-35-N	1	35'	English	1/16"	
TLV541	KTXP106-16-N	1	16'	English	1/16"	
TLV540	KTXP106-16ME-N	1	16/5 m	English/Metric	1/16" and Millimeters	
TLV544	KTXP106-30-N	1	30'	English	1/16"	

KTS SERIES MEASURING TAPES

- Yellow ABS plastic provides a highly visible, durable case
- Positive sliding lock holds tape securely while transferring measurement to work surfaces
- Blade colour: Yellow
- Protective coating: Clear coat polyurethane
- End type: Self adjusting end hook
- Includes a steel belt clip



TLV515

Starrett®

Model No.	Mfg. No.	Blade Width"	Length'	Graduation Style	Graduations	Price /Each
TLV514	KTS1-25-N	1	25	English	1/16"	
TLV515	KTS1-26ME-N	1	26	English/Metric	1/16" and Millimeters	
TLV516	KTS1-33-N	1	33	English	1/16"	

MAGNETIC TAP MEASURE

- Nylon bond blade protection
- 5-point reinforced frame
- Finger stop - protects finger during blade retraction
- Dual magnets - prevents roll off when measuring
- 2-sided printing - increases measurement readability
- 360 degree hook attachment
- Up to 9' stand out

TYO580



Milwaukee®

Model No.	Mfg. No.	Blade Width"	Length'	Graduation Style	Graduations	Price /Each
TYO580	48-22-7216	1	16	English/Metric	in/ft. - cm/m	
TYO579	48-22-5125	1	25	English	in/ft.	
TYO578	48-22-5225	1	26	English/Metric	in/ft. - cm/m	

Can't find what you're looking for?

Call us today!

MEASURES, RULES, SQUARES & LEVELS

LONG MEASURING TAPES

- High-visibility, high-impact case
- Easy-to-read blade
- English marking on one side, metric on the other
- Easy-wind blade return



Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Stud Markings"	Price /Each
TY324	HV15CME	3/8	50'/15 m	in/ft. - m/cm	16	
TY325	HV30CME	3/8	100'/30 m	in/ft. - m/cm	16	

PRO SERIES NY-CLAD® STEEL MEASURING TAPES

- High-visibility, high-impact orange case
- Easy-to-read blade
- Steel tape (nominal thickness 0.022") is nylon clad for long life
- Fast-rewind blade return



Lufkin®

Model No.	Mfg. No.	Blade Width"	Length'	Graduations	Price /Each
TJ789	PS1806N	1/2	100	in/ft. (1/8)	
TJ790	PS1806DN	1/2	100	in/ft. (1/10-1/100)	
TJ791	PS1808N	1/2	200	in/ft. (1/8)	
TJ792	PS1808DN	1/2	200	in/ft. (1/10-1/100)	

SMALL MEASURING WHEELS

- Small wheel ideal for flat surfaces
- Dial indicator measures up to 999' 11" without resetting
- Telescoping handle reduces to 17" for easy storage
- Measure as fast as you can walk
- Fits in most briefcases



Lufkin®

Model No.	Mfg. No.	Measures	Graduations	Price /Each
TJ797	MW18TP	Imperial	in/ft.	
TJ798	MW18M	Metric	dm/m	

PROFESSIONAL MEASURING WHEELS

- Centerline wheel for increased balance and more accurate measurements
- Bolstered folding joint allows for compact storage and longer product life
- Gear-based measuring system is more accurate and durable than traditional belt-style counter
- Heavy-duty wheel wiper prevents debris buildup
- Easy-read non-glare counter
- Wheel Diameter: 12"/30.5 cm



Lufkin®

Model No.	Mfg. No.	Measuring Range	Graduations	Price /Each
TBU277	PSMW48N	9999'	in/ft.	
TYX931	PSMW48NM	9999 m	dm/m	

FIBREGLASS MEASURING TAPES

- High-visibility, high-impact case
- Easy-to-read blade
- English marking on one side, metric on the other
- Fast-rewind blade return



Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Price /Each
TY326	FM015CME	1/2	50'/15 m	in/ft. - m/cm	
TY327	FM030CME	1/2	100'/30 m	in/ft. - m/cm	
TY328	FM050CME	1/2	164'/50 m	in/ft. - m/cm	
TY329	FM100CME	1/2	328'/100 m	in/ft. - m/cm	

EXTRA-WIDE FIBREGLASS LONG MEASURING TAPES

- Ring end hook snaps onto stake for 1-person measurements
- Standard folding end hook for general measuring needs
- 3-to-1 rewind for fast blade retraction
- 3/4" 2-sided blade is more durable; large numbers are easy to read
- Fibreglass strands and double-PVC coating for durability and strength
- Cushion grips on handle and frame arms for comfort
- Includes three interchangeable end attachments



Lufkin®

Model No.	Mfg. No.	Blade Width"	Length	Graduations	Price /Each
TLV311	PSFE100	3/4	100'	in/ft. - decimal ft.	
TLV312	PSFE200	3/4	200'	in/ft. - decimal ft.	
TLV313	PSFE300	3/4	300'	in/ft. - decimal ft.	
TLV314	PSFM030CME	3/4	30 m/100'	in/ft. - mm/cm/m	
TLV315	PSFM060CME	3/4	60 m/200'	in/ft. - mm/cm/m	
TLV316	PSFM100CME	3/4	100 m/328'	in/ft. - mm/cm/m	

MEASURE STIX™ STEEL MEASURING TAPE WITH ADHESIVE BACKING

- Sticks to almost any work surface
- High quality precision steel tape
- Permanent adhesive back
- Cut to size with scissors



Starrett®



Model No.	Mfg. No.	Blade Width	Length	Graduations	Stud Markings"	Price /Each
ENGLISH READING - LEFT-TO-RIGHT						
TBD719	63168	1/2"	4'	in/ft.	16	
TBD721	63170	1/2"	12'	in/ft.	16	
TBD720	63169	3/4"	6'	in/ft.	16	
ENGLISH READING - RIGHT-TO-LEFT						
TBE324	66634	1/2"	6'	in/ft.	16	
TBD914	64919	1/2"	12'	in/ft.	16	
ENGLISH/METRIC READING - LEFT-TO-RIGHT						
TBD722	63171	1/2" - 13 mm	4' - 1.2 m	ft/in - mm	16	
TBD724	63173	1/2" - 13 mm	12' - 4 m	ft/in - mm	16	
TBD723	63172	3/4" - 19 mm	6' - 2 m	ft/in - mm	16	

MEASURES, RULES, SQUARES & LEVELS

ATLAS® CHROME CLAD®/NUBIAN® DOUBLE DUTY OIL-GAUGING TAPE LINES

- Black markings bonded to steel, recessed beneath multiple layers of nickel and chrome electroplating
- Chrome Clad® and Nubian® (black) for dark (heavy) and light (clear) oils
- All tapes read right to left
- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately

Lufkin®

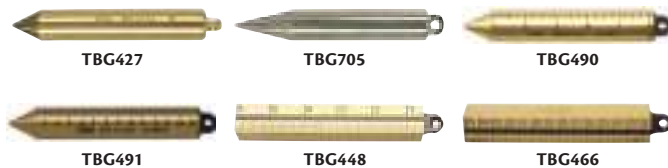


Model No.	Mfg. No.	Blade Width	Blade Length	Blade Graduations	Blade Reading	Price /Each
FOR INAGE GAUGING						
TBG548	CN1290SF590	1/2"	25'	in/ft.	1/8"	
TBG549	CN1290SME	13 mm	26/8 m	in/ft. - m	1/8"/1 mm	
QZ024	CN1293SF590	1/2"	50'	in/ft.	1/8"	
TBG553	CN1293SMEF59	13 mm	50/15 m	in/ft. - m	1/8"/1 mm	
TBG557	CN1295SF590	1/2"	75'	in/ft.	1/8"	
TBG559	CN1295SME590	13 mm	75/23 m	in/ft. - m	1/8"/1 mm	
TBG560	CN1296SF590	1/2"	100'	in/ft.	1/8"	
TBG561	CN1296SMEF59	13 mm	100/30 m	in/ft. - m	1/8"/1 mm	
FOR OUTAGE GAUGING						
TBG552	CN1293SF5871	1/2"	50'	in/ft.	1/8"	
TBG554	CN1294SF5871	1/2"	66'	in/ft.	1/8"	
TBG558	CN1295SME	13 mm	75/23 m	in/ft. - m	1/8"/1 mm	

OIL GAUGING PLUMB BOBS

- Inage bobs are cylindrical shaped, 1" x 6 3/4" L
- Outage bobs are square shaped, 7/8" x 6" L
- Outage bobs Zero falls inside top of hook eye

Lufkin®



Model No.	Mfg. No.	Material	Graduations	Gauging Type	Weight oz.	Price /Each
TBG427	TTS90	Brass	None	Inage	20	
TBG705	S590N	Stainless Steel	None	Inage	20	
TBG490	590GN	Brass	in.	Inage	20	
TBG491	590GMN	Brass	mm/cm	Inage	20	
TBG492	590GMEN	Brass	mm/in.	Inage	20	
TBG448	58712N	Brass	in.	Outage	20	
TBG466	T150MM	Brass	mm/cm	Outage	20	

EXACT® CHALK LINES 100' (30 M)

- Produced with high impact-resistant case with overmold
- Holds 4 oz. of chalk
- Features 100' press to release line
- Manufactured with 1:6 rewind ratio
- Includes stainless steel hook

TLV646



Starrett®

Model No.	Mfg. No.	Description	Price /Each
TLV646	30731	100/30 m Line	
TLV647	00152	100/30 m Line with 4-oz. Blue Chalk	
TLV648	00153	100/30 m Line with 4-oz. Red Chalk	

CHALK REFILLS

- Lays down a hard, clean line that will not blow away
- Easy-to-use plastic bottle with no-spill cap
- For use in all chalk line reels
- Available in red, white and blue



Starrett®

Model No.	Mfg. No.	Unit Weight	Colour	Price /Each
TBD711	63146	8 oz. (227 g)	Blue	
TBD712	63147	8 oz. (227 g)	Red	
TBD713	63148	8 oz. (227 g)	White	

STRAIT-LINE MACH 6 CHALK REELS

- Six times faster than traditional chalk reels
- 6:1 gear ratio
- Aluminum housing with metal components
- Metal handle
- Wide pronged hook
- 100' nylon/polyester braided line
- Chalk not included



IA629

**IRWIN
STRAIT-LINE®**

Model No.	Mfg. No.	Description	Price /Each
IA629	2031314DS	100' Chalk Reel	
TLZ337	2031333	Replacement Line Only	

DISTANCE MEASURING WHEELS

- Ideal for road distance measuring applications
- Fitted with a 1 m circumference wheel
- Two measuring modes: Trip and Total
- Accuracy: ± 1 %
- Adds forward, subtracts in reverse
- Metric and imperial measurement
- Measure in meters, yards or feet and inches at the push of a button
- Large LCD display is crystal clear in direct sunlight
- Backlight for low light conditions
- Waterproof for all weather conditions
- Push button reset
- Electronic brake
- Telescopic handle
- Mud scraper
- Minimum 3-year battery life

HC438



TRUMETER

Model No.	Mfg. No.	Description	Price/Each
HC438	5505E	Distance Measuring Wheel	



OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT
& SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1287

MEASURES, RULES, SQUARES & LEVELS

ALUMINUM RAFTER SQUARES

- Permanent 1/8" stamped graduations include rafter square layout with tables and Essex board measure
- Clear (silver) anodized finish
- Model **TDP649** is black anodized finish with yellow filled graduations

Model No.	Size"	Material	Grad."	Price /Each
TDP688	16 x 24	Aluminum	1/8	
TDP649	16 x 24	Aluminum	1/8	

STEEL RAFTER SQUARES

- Permanent 1/8" stamped graduations include rafter square layout with tables and Essex board measure
- Rust protective coating

Model No.	Size"	Material	Grad."	Price /Each
TDP718	16 x 24	Steel	1/8	

STEEL CARPENTER SQUARES

- Permanent 1/8" stamped graduations
- Rust protective coating
- Model **TDP720** version available in mm

Model No.	Size	Material	Grad.	Price /Each
TDP727	16" x 24"	Steel	1/8"	
TDP750	8" x 12"	Steel	1/8"	

DRYWALL SCORING SQUARES

- Foam-molded high impact plastic head
- Insert-molded, perforated aluminum blade to accept utility knife point for scoring drywall
- Screened increments in 1/16"
- Black thermal bonded graduations

Model No.	Size"	Grad."	Price /Each
TDP608	24	1/16	

STRUCTO-CAST® SLIDING T-BEVELS

- Durable high-impact plastic handle with hand grip
- Stainless steel blade with wing-nut fastener

Model No.	Size"	Price /Each
TDP764	8	

ALUMINUM RAFTER ANGLE SQUARES

- Solid aluminum cast body with exclusive CNC computer machined edges
- Permanent molded graduations
- Low-glare, protective powder coat finish

Model No.	Size"	Price /Each
TDP719	7	

ALUMINUM RAFTER ANGLE SQUARES

- Solid aluminum cast body with exclusive CNC computer machined edges
- Permanent molded graduations
- Low-glare, protective powder coat finish

Measures, Rules, Squares & Levels

Model No.	Size"	Price /Each
TDP659	12	

STRUCTO-CAST® TRY & MITRE SQUARES

- High impact plastic handle with hand grip and insert-molded blade
- Stainless steel blade with permanent stamped graduations
- Metric version - 1/8" and mm graduations

Model No.	Size"	Grad.	Price /Each
VS810	8	1/8", mm	

SLIDING T-BEVEL

- Heavy duty adjustable stainless steel blade will not rust or corrode
- Bamboo handle with routed hand grip
- Stainless steel edging on handle
- Durable locking nut holds blade securely in place

Model No.	Size"	Price /Each
TYN289	8	

ALUMINUM ADJUST-A-SQUARE®

- Heavy-duty extruded aluminum blade with clear (silver) anodized finish
- Screened thermal bonded graduations in black
- Precision machined head and blade lock together for perfect 90°
- Head adjusts to any angle
- Folds flat for easy transport

Model No.	Size"	Grad."	Price /Each
TDP603	48	1/8, 1/16	

ALUMINUM DRYWALL T-SQUARES

- Extruded aluminum blade and head with clear (silver) anodized finish
- Screened thermal bonded 1/8" graduations in black
- Exclusive designed solid four rivet construction permanently "bonds" head to blade

Model No.	Size"	Grad."	Price /Each
TDP658	47 7/8	1/8	

HEAVY-DUTY ALUMINUM DRYWALL T-SQUARES

- Heavy-duty extruded aluminum blade and head with clear (silver) anodized finish
- Screened thermal bonded 1/8" graduations in black
- Exclusive designed solid four rivet construction permanently "bonds" head to blade

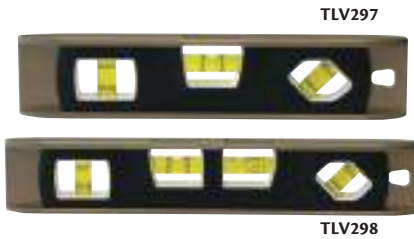
Model No.	Size"	Grad."	Price /Each
TDP626	53 7/8	1/8	

JOHNSON

MEASURES, RULES, SQUARES & LEVELS

ALUMINUM TORPEDO LEVELS WITH MAGNETIC BASE

- Oversized solid aluminum base
- Oversized 1/2" diameter vials are easy to read
- V-grooved base for surface leveling and tubular work
- Strong magnetic base
- Model **TLV298** allows you to read slope in 1/8" increments



JOHNSON

Model No.	Mfg. No.	Description	Price /Each
TLV297	40-2210	10", 3 Vials Read Plumb, Level, and 45°	
TLV298	40-2212	12", 4 Vials Read Plumb, Level, Multi-Pitch, and 45°	

BIG J® PROFESSIONAL ALUMINUM LEVELS

- Oversized solid aluminum frame is job site tough
- Machined working edges assure maximum accuracy
- Oversized 1/2" diameter vials are easy to read
- Quik-Change® replaceable cover plates and vials for in the field service
- Oversized top-read windows for easy viewing
- SurroundView® vial system for enhanced readability
- Oversized anti-slip/anti-shock end caps protect frame
- Rubberised cushioned hand grips

JOHNSON



Model No.	Mfg. No.	Description	Price /Each
TLZ513	40-2224	Aluminum Level 24"	
TLZ515	40-2272	Aluminum Level 72"	

ALUMINUM TOP READ LEVELS

- Durable aluminum frame
- Top reading vial window
- Easy to read cat's-eye green vials

JOHNSON



Model No.	Mfg. No.	Description	Price /Each
TLZ510	40-2050	24" level	
TLZ511	40-2054	48" level	
TLZ512	40-2060	24" level w/magnetic edge	
VS807	40-2064	48" level w/magnetic edge	

CONTRACTOR BOX BEAM LEVEL

- Solid block acrylic vials won't fog, leak, or break
- Heavy duty box aluminum frame
- Precision milled edges assure frame accuracy
- Ergonomic rubberized hand grips
- Type: Box
- Material: Aluminum
- No. of Vials: 3
- Non-Magnetic

JOHNSON



Model No.	Mfg. No.	Length'	Price /Each
WJ231	40-0142	4	

TRUE BLUE® E80 I-BEAM LEVEL

- True Blue® vials are accurate to within 0.0005" per inch in all working positions
- Strong anodized I-Beam frame
- Shock absorbing endcaps
- Top reading vial window
- Type: I-Beam
- Material: Aluminum
- No. of Vials: 3
- Non-Magnetic

Empire



Model No.	Mfg. No.	Length'	Price /Each
TY0636	E80.24	2	
TY0637	E80.48	4	
TY0638	E80.72	6	
TY0639	E80.78	6.5	
TY0640	E80.96	8	

REDSTICK™ BOX LEVEL

- All-Metal Backbone™, strongest, most durable frame, reinforced vial retention
- SharpSite™ vial technology, best readability, impact protected
- Accurate to .029°
- High contrast vial system is easy to clean and optimizes visibility
- High density, removable end-caps protect frame and provide access in tight spaces
- Type: Box
- Material: Steel
- No. of Vials: 3
- Tool Warranty: limited lifetime
- Dimensions: 1.2" W x 2.53" H

Milwaukee



Model No.	Mfg. No.	Length'	Price /Each
NON-MAGNETIC			
TYX841	MLBX24	2	
TYX845	MLBX36	3	
TYX847	MLBX48	4	
TYX851	MLBX72	6	
TYX855	MLBX96	8	
MAGNETIC			
TYX842	MLBXM24	2	
TYX846	MLBXM36	3	
TYX848	MLBXM48	4	
TYX852	MLBXM72	6	
TYX856	MLBXM96	8	

REDSTICK™ COMPACT BOX LEVEL

- Best-in-class vial readability, frame durability, and magnet strength
- Material: Steel
- No. of Vials: 3
- Tool Warranty: limited lifetime
- Light-weight design
- Dimensions: 1" W x 2" H

Milwaukee



Model No.	Mfg. No.	Length'	Price /Each
NON-MAGNETIC			
TYX861	MLCM24	2	
TYX863	MLCM48	4	
TYX865	MLCM72	6	
MAGNETIC			
TYX862	MLCMM24	2	
TYX864	MLCMM48	4	
TYX866	MLCMM72	6	

MEASURES, RULES, SQUARES & LEVELS

ALUMINUM TORPEDO LEVELS

- Extruded aluminum frame finished with high visibility powder coat paint
- Three vials: One plumb, one level and 45°
- V-grooved top surface and magnetic bottom surface
- Overall length: 9"

Starrett®



Model No.	EDP No.	Description	Price /Each
TMB061	30728	3 Vials - 1 Plumb, 1 Level and 45°	

EXACT® TORPEDO LEVELS WITH MAGNETIC BASE & GROOVED TOP SURFACE

- High quality aluminum frame with lapped working surfaces
- Strong magnetic base
- V-grooved top working surface for plumbing and tubular work
- 10" overall length



Starrett®

Model No.	EDP No.	Description	Price /Each
TMB062	30727	3 Vials - 1 Plumb, 1 Level and 45°	

TRUE BLUE® E80 TORPEDO LEVEL

- True Blue® vials are accurate to within 0.0005" per inch in all working positions
- 4 vials read plumb, level, 45 degree and Vari-Pitch™
- Full length magnetic edge
- Vari-Pitch™ vial reads slope in 1/8" increments
- Length: 12"
- Material: Aluminum
- No. of Vials: 4
- Magnetic

Empire®



Model No.	Mfg. No.	Price /Each
TY0641	E80.9	

BULL'S-EYE CIRCULAR LEVELS

- Circular vial has full 360° viewing
- Sturdy plastic construction
- Size is 1 3/4" (44 mm) in diameter

Model No. TBB186

EDP No. 36078

Price/Each \$

Starrett®



ALUMINUM TORPEDO LEVELS WITH MAGNETIC BASE

- Oversized solid aluminum base
- Oversized 1/2" diameter vials are easy to read
- V-grooved base for surface leveling and tubular work
- Strong magnetic base
- Model TLV298 allows you to read slope in 1/8" increments



TLV297



TLV298

JOHNSON

Model No.	Mfg. No.	Description	Price /Each
TLV297	40-2210	10", 3 Vials Read Plumb, Level, and 45°	
TLV298	40-2212	12", 4 Vials Read Plumb, Level, Multi-Pitch, and 45°	

DIGITAL PRECISION PROTRACTORS

- 6" stainless steel protractor arm with knuckled locking nut
- Absolute and relative measurements
- Large, easy-to-read display
- Accuracy 0.1°
- Range 0° to 180° (Resolution 0.05°)
- 3 V lithium battery (CR2032) included



GENERAL

Model No.	Mfg. No.	Description	Price Each
TLV296	026008	Digital Protractor 1702	

ZENITH®
Safety Products

SPILL CONTROL

EYEWEAR

SAFETY

GLOVES

TRAFFIC CONTROL

SELF-LEVELLING FIVE-BEAM LASER POINTERS

- Simultaneously projects five self-levelling beams
- Alarm when unit is beyond accurate range
- Low power indicator
- Locking mechanism protects unit in transport
- Includes: Laser level, multifunction mount, three AA batteries, tinted glasses, magnetic target, strap and carrying case

JOHNSON



TECHNICAL SPECIFICATIONS

Model No.	TGZ560
Mfg. No.	40-6680
Laser wave length:	635 nm \pm 10 nm
Laser classification:	Class 111A
Accuracy:	$\pm 1/4"$ @ 100' (± 2 mm @ 10 m)
Working range:	Max. 100' (30 m) depending on light conditions
Working temperature:	14°F to 113°F (-10°C to 40°C)
Price/Each	\$

ELECTRONIC SELF-LEVELING ROTARY LASER KIT

JOHNSON

- Designed for indoor and outdoor applications
- Electronically-controlled dual slope feature
- Electronic self-leveling horizontally and vertically
- Laser beam modes include four adjustable line lengths and three rotational speeds
- Three rotational speeds—0, 300 and 800 RPM
- Visual and audible alarms when beyond leveling range
- Height of Instrument/Tilt alarm function ensures product accuracy
- Includes: Laser, Li-ion rechargeable battery pack, Alkaline battery compartment (batteries not included), Li-ion battery charger, Remote control with 9V battery, Detector with 9V battery and clamp, Tinted glasses, and Hard-shell carrying case
- Max. Power Output: Less than/Equal to 5 mW
- Power Supply: Li-ion rechargeable battery pack or adapter (included); 3 "C" alkaline batteries (not included)



TECHNICAL SPECIFICATIONS

Model No.	IB884
Mfg. No.	40-6522
Laser wave length:	635 nm
Laser classification:	Class IIIA
Interior Range:	Up to 200 ft. (60m) diameter depending on light conditions
Exterior Range:	Up to 2000 ft. (610m) diameter with detector
Remote Range:	Up to 200 ft. (60m) diameter with remote
Slope:	+/- 5 degrees
Auto-Leveling Range:	+/- 5 degrees
Working temperature:	-10°C to +45°C
Price/Each	\$

MANUAL-LEVELING ROTARY LASER LEVELS

- Emits horizontal or vertical laser plane with simultaneous 90° split beam
- Large and small scan modes achieve a chalk line
- Scan line can be moved clockwise or counter-clockwise
- Includes: Manual-leveling rotary laser level, 4 x AA alkaline batteries, wall/ceiling mount, 8' grade rod, detector with 2 x AAA batteries and clamp, tinted glasses, magnetic target, elevating tripod, instruction manual with warranty card, hard-shell carrying case
- Variable rotation speed

JOHNSON



TECHNICAL SPECIFICATIONS

Model No.	TLV309
Mfg. No.	40-6512
Laser wave length:	635 nm \pm 10 nm
Laser classification:	Class 111A
Accuracy:	$\pm 1/4"$ @ 100' (± 2 mm @ 10 m)
Max. working range:	Up to 800' diameter (240 m) with detector
Working temperature:	14°F to 113°F (-10-45°C)
Price/Each	\$

3 BEAM SELF-LEVELING LINE LASER

- 3 Beam Line Laser to aid in 90° layout
- 2x Brighter diode to increase visibility in bright job site conditions
- Built-in magnetic pivot bracket mounts easily on metal surfaces
- 1-button operation and control panel for ease of use
- Micro adjust knob for precise alignment of 90° intersecting lines over greater distances
- Includes: 4 AA batteries for 30 hours of run-time, Ceiling Mount and Kit Box

DEWALT



TECHNICAL SPECIFICATIONS

Model No.	TMB038
Mfg. No.	DW089K
Accuracy:	$\pm 1/8"$ @ 30'
Power:	6 V, 4-AA Battery
Run Time:	30 hours
Price/Each	\$

MEASURES, RULES, SQUARES & LEVELS

HEAVY-DUTY ELEVATING TRIPODS

- Lightweight durable aluminum construction with elevating platform
- 5/8"-11 mounting screw
- Sharp pointed feet for uneven terrain
- Retractable rubber covers for slick surfaces
- Folds for easy portability
- Adjustable height ranges from 49.825" to 118.25" (126.5 cm to 300 cm)

Model No. TGZ564
Mfg. No. 40-6330
Price/Each \$



MAGNETIC TORPEDO LASER LEVELS, FLAT BOTTOM

- Built-in, rotating head changes from point to horizontal or vertical lines
- Cross-check vial for more accurate levelling
- Machined gauging edge
- Includes: Laser level, two AAA batteries and carrying case



TECHNICAL SPECIFICATIONS

Model No. TGZ561
Mfg. No. 40-6164
Laser wave length: 650 nm \pm 10 nm
Laser classification: Class 111a
Accuracy: \pm 1/8" @ 50' (\pm 1 mm @ 5 m)
Working range: Max. 100' (30 m) depending on light conditions
Working temperature: 14°F to 113°F (-10°C to 40°C)
Price/Each \$

ALUMINUM TRIPODS

- Lightweight durable aluminum construction
- 5/8"-11 mounting screw
- Sharp pointed feet for uneven terrain
- Retractable rubber covers for slick surfaces
- Folds for easy portability
- Adjustable height ranges from 41.75" to 67" (106 cm to 170 cm)

Model No. TGZ570
Mfg. No. 40-6340
Price/Each \$



MAGNETIC TORPEDO LASER LEVELS, V-GROOVED BOTTOM

- Built-in, rotating head changes from point to horizontal or vertical lines
- Cross-check vial for more accurate levelling
- V-grooved bottom for use on pipes or conduit
- Includes: Laser level, two AAA batteries, levelling bracket, two mounting straps and carrying case



TECHNICAL SPECIFICATIONS

Model No. TGZ562
Mfg. No. 40-6174
Laser wave length: 650 nm \pm 10 nm
Laser classification: Class 111A
Accuracy: \pm 1/8" @ 50' (\pm 1 mm @ 5 m)
Working range: Max. 100' (30 m) depending on light conditions
Working temperature: 14°F to 113°F (-10°C to 40°C)
Price/Each \$

JOHNSON™ TORPEDO LASER SPIRIT LEVEL

- Practical use as a laser level or as a normal spirit level
- The flexible wall holder for all surfaces enables convenient working
- Integrated point laser that precisely transfers heights in the room
- Soft grip for better and more comfortable hold
- Horizontal, vertical or diagonal laser lines, as well as point laser
- High quality, bright laser for particularly clearly visible laser lines and laser points
- Working range up to 3 meters (laser line) and 20 meters (laser point)

JOHNSON



TECHNICAL SPECIFICATIONS

Model No. TYO566
Mfg. No. 40-6188
Laser classification: Class 2
Laser line wave length: 635 Nm
Laser point wave length: 650 Nm
Laser line width: 100 LUX, 3 mm/3 m
Laser point dia. 100 LUX, 15 mm/20 m
Laser line accuracy: 1 mm/m
Laser point accuracy: 0.5 mm/m
Level accuracy: 1 mm/m
Max. working range: 65' (20 m)
Working temperature: 0-40°C
Working time: >15 h
Power: 3 V, 2-AAA Battery
Overall length: 8"
Price/Each \$

3-BEAM LASER POINTERS

- Self-levelling plumb bob is accurate to \pm 1/4" @ 100'
- One button operation is fast and easy to use
- Overmolded housing helps maintain calibration under job site conditions
- Focused laser beam keeps dot small even over long distances for improved accuracy and visibility
- Locating magnets hold laser plumb bob to metal track for easy positioning
- Cross-hair beam pattern helps user find centre of beam
- Includes: Kit box

DEWALT

TECHNICAL SPECIFICATIONS

Model No. TSW589
Mfg. No. DW083K
Power supply: 4 AA Alkaline
Indoor visibility range: +/- 100'
Laser classification: Class II (<1.5 mW) @ 635 nm
Price/Each \$



SELF-LEVELLING LINE LASERS (HORIZONTAL & VERTICAL)

- Accurate to +/- 1/8" @ 30' for level applications
- Built-in magnetic pivot bracket mounts easily on metal surfaces
- Overmolded housing for job site durability
- One button operation and control panel for ease of use
- Includes: 3 AA batteries for 20+ hours run-time and kit box

DEWALT

TECHNICAL SPECIFICATIONS

Model No. TLZ506
Mfg. No. DW088K
Power supply: 3 AA batteries
Self-Levelling Range: 5°
Indoor visibility range: 100'
Laser classification: Class II
Price/Each \$



VICES, MAGNETS & CLAMPS

BAR CLAMPS FOR WELDING & FABRICATING

SHOP FLOOR CLAMPS

- Swivel pressure pad
- Rail and fixed top jaw are heat treated and tempered
- High quality construction insures long life



Model No.	Mfg. No.	Pad	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
TK2890	6605-8	Standard-duty	8	4	660	
TK2891	6605-12	Standard-duty	12	4	660	
TK2892	6605-18	Standard-duty	18	4	660	
TN210	SQ-4	Standard-duty	6	4 3/4	1330	
TN211	SQ-8	Heavy-duty	8	5 1/2	2660	
TD320	SQ-12	Heavy-duty	12	5 1/2	2660	
TK2893	SQ-16	Heavy-duty	16	5 1/2	2660	
TD321	SQ-20	Heavy-duty	20	5 1/2	2660	
TK2894	SQ-24	Heavy-duty	24	5 1/2	2660	

PROFESSIONAL CLAMPS

- Bessey® Morpad™ allows for greater angle of pivot
- Rail and fixed top jaw are heat treated and tempered
- High quality construction insures long life



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
HEAVY-DUTY					
TN047	4800S-12	12	7	4880	
TH2886	4800S-18	18	7	4880	
TK2901	4800S-24	24	7	4880	
TH2887	4800S-36	36	7	4880	
TK2902	4800S-48	48	7	4880	
TK2903	4800S-60	60	7	4880	
EXTRA HEAVY-DUTY					
TN177	7200S-12	12	8	7770	
TH2888	7200S-18	18	8	7770	
TH2889	7200S-36	36	8	7770	

REGULAR-DUTY ALL-STEEL BAR CLAMPS WITH ERGONOMIC BESSEY® GRIP



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
TLY342	2400S-8	8	5 1/2	2800	
TLY343	2400S-12	12	5 1/2	2800	
TLY344	2400S-16	16	5 1/2	2800	
TLY345	2400S-20	20	5 1/2	2800	
TLY346	2400S-24	24	5 1/2	2800	
TLY347	2400S-36	36	5 1/2	2800	
TLY348	2400S-48	48	5 1/2	2800	
TLY349	2400S-60	60	5 1/2	2800	

STEP-OVER STEEL CLAMPS

- Rail, fixed jaws and pressure plate heat-formed in one piece from cold drawn profiled and precision steel
- Heat treated, high carbon Acme threaded screw, spatter resistant
- Unique Bessey® Morpad™ tilts to 35° comes standard with TLY352 and TLY353
- Ergonomic Bessey® grip handle on model TLY352



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Step-Over"	MorPad	Bessey® /Grip	Price /Each
TLY351	J18-8	10	4 3/4	880	2 1/4	-	Yes	
TLY352	2400J-12	12	5 1/2	2660	4	Yes	Yes	
TLY353	4800J-20	20	7	4880	6	Yes	-	

LEVER CLAMPS (LC SERIES)

- Large tilting pressure plate
- Secure ratchet mechanism for rapid vibration-resistant clamping
- Torsion-resistant, fixed bracket and pressure plate produced and tempered in one piece for maximum tensile strength and sturdiness



TLV282

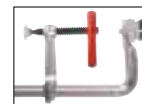
Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
TLV282	LC4	4	2 3/8	400	
TN207	LC8	8	4	660	
TN205	LC12	12	5 1/2	1200	
TN206	LC20	20	4 3/4	1200	
TLV283	1800L12	10	5 1/2	1800	

MULTI-PURPOSE CLAMPS

- KombiKlamp™ robust Variable Angle Device (VAD) allows for a solid grip on odd shapes - also reverses for spreading
- Ergonomic Bessey® grip offers greater comfort and slides with the T-handle
- Removable screw acts as a slide stop
- Easily converts to a spreading device



Spreading



Clamping



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Load Limit (lbs.)	Price /Each
TLY350	SG30VAD	11	4.75	2600	3000	

REGULAR-DUTY I BAR CLAMPS NO. 640

- A rapid acting powerful clamp designed and constructed for hard, everyday production work
- Patented, quick action, no slip clutches are 3/4" apart and formed in the web for greater bar strength
- High strength ductile slide cannot slip or bind, easily released
- Steel handle, with comfortable wood crank handle for fast clamping
- Bar dimensions: 7/16" x 1 1/2" x 5/32"
- Screw diameter: 5/8"
- Throat depth is 1 13/16" and clamp face is 1 7/8"



Model No.	Mfg. No.	Opening Capacity'	Load Capacity lbs.	Price /Each
TD798	21801	2	6000	
TD800	21803	3	6000	
TD801	21804	4	6000	
TD802	21805	5	6000	
TD803	21806	6	6000	



VICES, MAGNETS & CLAMPS

WELDERS ANGLE CLAMPS

- Automatic adjustment to work pieces of different thicknesses
- Sturdy jaws and base made from high grade cast iron
- Copper plated spindles resist spatter
- Accurate 90° angle



Model No.	Mfg. No.	Jaw Height"	Maximum Material Size for Mitre Joints"	Price /Each
TLV361	WSM9	1 3/8	3 1/2	
TLV362	WSM12	2 2/8	4 3/4	

U STYLE BAR CLAMPS

- Light-duty U style bar clamp offers a unique step-over design
- Small, lightweight and very handy
- Rail is made of quality steel drawn in a single piece for durability and strength
- Sliding arm is made of die cast zinc: light, stable and break resistant
- Comes with non-marking plastic caps on both jaws



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
TLV358	LMU2.004	4	2	330	
TLV359	LMU2.006	6	2	330	
TLV360	LMU2.008	8	2	330	

PIPE CLAMPS, H STYLE

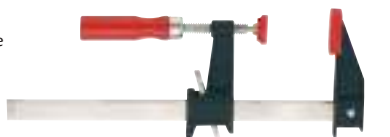
- H shape foot assembly stabilizes clamp in two dimensions giving dual-axis stability
- Extra high base provides industry leading clearance from the work surface
- Cast jaws for durability
- Smooth action spindle
- Pipe not included



Model No.	Mfg. No.	Pipe Diameter"	Throat Depth"	Price /Each
TLV267	BPC-H34	3/4"	1 3/4	
TLV268	BPC-H12	1/2"	1 1/2	

CLUTCH STYLE BAR CLAMPS

- Powder coated, malleable cast iron jaws
- 2-piece slip clutch plates for quick adjustment
- Nickel-plated, drawn serrated rail
- Non-marring pads on the top and bottom jaws to protect work surface
- Ergonomically shaped wood handle



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
TLV269	GSCC2.506	6	2.5	600	
TLV270	GSCC2.512	12	2.5	600	
TLV271	GSCC2.518	18	2.5	600	
TLV272	GSCC2.524	24	2.5	600	
TLV273	GSCC2.530	30	2.5	600	
TLV274	GSCC2.536	36	2.5	600	
TLV275	GSCC3.512	12	3.5	1000	
TLV276	GSCC3.518	18	3.5	1000	
TLV277	GSCC3.524	24	3.5	1000	
TLV278	GSCC5.012	12	5	1200	
TLV279	GSCC5.018	18	5	1200	
TLV280	GSCC5.024	24	5	1200	

KANT-TWIST® CLAMPS



Model No.	Mfg. No.	Throat Deep Open"	Throat Deep Closed"	Clamping Capacity"	Clamping Force (lbs.)	Price /Each
ORIGINAL KANT-TWIST®						
TKZ949	1KT	1/2	1/2	1 1/16	300	
TKZ950	2KT	1 1/8	1 1/4	2	700	
TKZ952	3KT	1 1/4	1 3/4	3	1500	
TKZ953	4 1/2KT	2 1/4	2 1/2	4 1/2	1500	
TKZ954	6KT	2 1/8	3 3/8	6	1800	
TKZ955	6DKT	4 5/8	5 1/2	6	1800	

QUICK-GRIP® PIPE CLAMPS

- Innovative clutch system eliminates the need for threaded pipe
- Larger feet offer more stability and clearance between handle and worktop
- Larger, more ergonomic handle offers easier clamping with reduced hand fatigue
- Larger clutch plates allow for easier release and increased durability and dependability



Model No.	Mfg. No.	Pipe Size	Throat Depth	Price /Each
TBR730	224134	3/4" (19 mm)	1 7/8" (47 mm)	
TBR731	224212	1/2" (12 mm)	1 1/2" (37 mm)	

QUICK-GRIP® CLUTCH LOCK BAR CLAMPS

- Soft-Grip handle is larger and more ergonomic, allowing high clamping pressure with less effort
- I-beam bar reduces flexing and bowing
- Larger clutch plates allow for easier release, and increase durability and dependability
- 3" throat depth accommodates a variety of projects



Model No.	Mfg. No.	Clamping Capacity	Throat Depth	Price /Each
TBR488	223106	6" (15 cm)	3 1/8" (76 mm)	
TBR424	223112	12" (30 cm)	3 1/8" (76 mm)	
TBR425	223118	18" (45 cm)	3 1/8" (76 mm)	
TBR426	223124	24" (60 cm)	3 1/8" (76 mm)	
TBR427	223136	36" (91 cm)	3 1/8" (76 mm)	

QUICK-GRIP® PASSIVE LOCK BAR CLAMPS

- Soft-Grip handle is larger and more ergonomic, allowing high clamping pressure with less effort
- I-beam bar reduces flexing and bowing



Model No.	Mfg. No.	Clamping Capacity	Throat Depth	Price /Each
TBR357	223212	12" (30 cm)	4 7/8" (12 cm)	
TBR358	223218	18" (45 cm)	4 7/8" (12 cm)	
TBR359	223224	24" (60 cm)	4 7/8" (12 cm)	
TBR360	223230	30" (75 cm)	4 7/8" (12 cm)	

VICES, MAGNETS & CLAMPS

BAR CLAMPS FOR CONSTRUCTION & WOODWORKING

PARALLEL BAR CLAMPS K BODY® REVO™

- Large parallel jaw surfaces are made from non-marring polyamide
- Internal steel frames insure 90° angles
- Large composite handle for better comfort while working
- Bessey® anti-slip system for improved grip and safety
- Swivel fitting ensures clamp sits parallel to the bench top
- 3 3/4" throat depth



Model No.	Mfg. No.	Clamping Capacity"	Spreading Capacity"	Price /Each
TKZ904	KR3.512	12	9 1/4 - 15	
TKZ905	KR3.524	24	9 1/4 - 28 1/2	
TKZ906	KR3.531	31	9 1/4 - 36 1/2	
TKZ907	KR3.540	40	9 1/4 - 44	
TKZ908	KR3.550	50	9 1/4 - 53	
TKZ909	KR3.560	60	9 1/4 - 63	
TKZ910	KR3.582	82	9 1/4 - 85	
TKZ911	KR3.598	98	9 1/4 - 100	

TG PROFESSIONAL SERIES MALLEABLE CAST CLAMPS

- High quality construction
- Perfect for high pressure applications and wide openings
- Two part composite handle



Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Clamping Force (lbs.)	Price /Each
LIGHT-DUTY					
TKZ912	TGJ2.5062K	6	2 1/2	600	
TKZ913	TGJ2.5122K	12	2 1/2	600	
TKZ914	TGJ2.5182K	18	2 1/2	600	
TKZ915	TGJ2.5242K	24	2 1/2	600	
TKZ916	TGJ2.5302K	30	2 1/2	600	
TKZ917	TGJ2.5362K	36	2 1/2	600	
TKZ918	TG4.0082K	8	4	880	
TKZ919	TG4.0122K	12	4	880	
TKZ920	TG4.0162K	16	4	880	
TKZ921	TG4.0242K	24	4	880	

MEDIUM-DUTY					
TKZ922	TG4.5122K	12	4 1/2	1000	
TKZ923	TG4.5182K	18	4 1/2	1000	
TKZ924	TG4.5242K	24	4 1/2	1000	
TKZ925	TG4.5302K	30	4 1/2	1000	
TKZ926	TG4.5402K	40	4 1/2	1000	
TKZ927	TG5.5122K	12	5 1/2	1320	
TKZ928	TG5.5182K	18	5 1/2	1320	
TKZ929	TG5.5242K	24	5 1/2	1320	
TKZ932	TG7.0162K	16	7	1320	
TKZ933	TG7.0242K	24	7	1320	
TKZ936	TG7.0482K	48	7	1320	

HEAVY-DUTY					
TKZ937	TGK4.5162K	16	4 1/2	1540	
TKZ938	TGK4.5242K	24	4 1/2	1540	
TKZ939	TGK4.5402K	40	4 1/2	1540	
TKZ940	TGK4.5502K	50	4 1/2	1540	
TKZ941	TGK4.5792K	79	4 1/2	1540	

DEEP REACH					
TKZ942	CDS24-10WP	24	10	1550	
TKZ943	CDS24-12WP	24	12	1550	
TKZ944	CDS24-20WP	24	20	990	

ACCESSORIES FOR PARALLEL CLAMPS

KP FRAMING SYSTEMS

- Blocks align clamps for door and panel construction
- Clamps sit in grooves to make 90° angles
- Four blocks to a set

Model No. TKZ957

Mfg. No. KP Blocks

Price/Set \$



K BODY® EXTENDERS

- Connects two Bessey® clamps together for extended reach
- Durable aluminum construction
- Includes: Extender, nuts, bolts and washers

Model No. TKZ959

Mfg. No. K Body Extender

Price/Each \$



QUICK-GRIP® ONE-HANDED CLAMPS

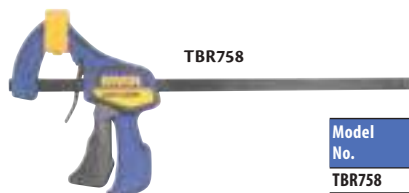
BAR CLAMPS/SPREADERS

- Quick-Change® jaw quickly converts from clamp to spreader and requires no tools
- Constructed of high-tech reinforced resin for strength and durability
- Exerts up to 250 lbs. of clamping pressure
- Patented pistol grip design enhances comfort and ease of use
- Non-marring pads grip firmly and protect workpiece
- Ideal for clamping/gluing, holding work for sawing/drilling and positioning work for fastening



MINI BAR CLAMPS

- 25% smaller than Quick-Change® clamps for smaller projects or for working in confined spaces
- Constructed of high-tech reinforced resin for strength and durability
- Exerts up to 150 lbs. of clamping pressure
- Patented pistol grip design enhances comfort and ease of use
- Non-marring pads grip firmly and protect workpiece
- Ideal for clamping/gluing, holding work for sawing/drilling and positioning work for fastening



Model No.	Mfg. No.	Clamping Capacity	Spreading Capacity	Throat Depth	Price /Each
TAW063	506QC	6" (15 cm)	7 1/2" - 14 5/8" (195 mm - 360 mm)	3 1/4" (80 mm)	
TAW062	512QC	12" (30 cm)	7 1/2" - 20 5/8" (195 mm - 515 mm)	3 1/4" (80 mm)	
TBR688	518QC	18" (45 cm)	7 1/2" - 26 5/8" (195 mm - 665 mm)	3 1/4" (80 mm)	
TBR689	524QC	24" (60 cm)	7 1/2" - 32 5/8" (195 mm - 820 mm)	3 1/4" (80 mm)	

Model No.	Mfg. No.	Clamping Capacity	Spreading Capacity	Throat Depth	Price /Each
TBR758	5412	12" (30 cm)	-	2 7/16" (62 mm)	

IRWIN
QUICK-GRIP®

OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT
& SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1295

VICES, MAGNETS & CLAMPS



QUICK-GRIP® ONE-HANDED MICRO BAR CLAMP/SPREADER

- One-handed Quick-Release™ trigger allows for fast and easy positioning
- Perfect size for hobby and craft applications
- Converts to a spreader by reversing the clamp pads



IRWIN
QUICK-GRIP®

Model No.	Mfg. No.	Clamping Capacity	Spreading Capacity	Throat Depth	Price /Each
TBR692	53006	4 1/4" (10 cm)	8" (20 cm)	1 3/16" (30 mm)	

XP™ ONE-HANDED BAR CLAMP & SPREADER

- I-beam bar resists twisting and bowing
- Power Locks™ hold better, allowing for up to 900 lbs. of force
- Quick-Change™ jaw, converts clamp to spreader quickly
- Non-marring pads grip securely
- Quick-Release™ trigger



IRWIN
QUICK-GRIP®

Model No.	Mfg. No.	Clamping Capacity	Spreading Capacity	Throat Depth	Price /Each
TKZ880	2021406	6" (15 cm)	7 1/2"-14 5/8" (190 mm-371 mm)	3 1/4" (83 mm)	
TKZ881	2021412	12" (30 cm)	7 1/2"-20 5/8" (190 mm-523 mm)	3 1/4" (83 mm)	
TKZ882	2021418	18" (45 cm)	7 1/2"-26 5/8" (190 mm-676 mm)	3 1/4" (83 mm)	
TKZ883	2021424	24" (60 cm)	7 1/2"-32 5/8" (190 mm-828 mm)	3 1/4" (83 mm)	
TKZ884	2021436	36" (91 cm)	7 1/2"-44 5/8" (190 mm-1133 mm)	3 1/4" (83 mm)	
TKZ885	2021450	50" (127 cm)	7 1/2"-58 5/8" (190 mm-1489 mm)	3 1/4" (83 mm)	

PARALLEL JAW CLAMPS

- Deep 3 3/4" jaw depth for optimized pressure distribution
- Secure locking system prevents jaws from slipping
- ProTouch handle for an ergonomic grip
- Resin body and jaws prevents marring and glue adhesion
- Up to 1150 lbs. of pressure



IRWIN
QUICK-GRIP®

Model No.	Mfg. No.	Clamping Capacity	Throat Depth"	Price /Each
TLV300	2026500	24" (60 cm)	3 3/4	
TLV301	2026501	48" (115 cm)	3 3/4	

PARALLEL JAW CLAMPS

- Aluminum die-cast handles have a quick adjustment mechanism for easy sizing
- Serrations in the steel rails engage with a hardened steel insert in the jaw to eliminate slipping
- Clamp jaws are encased in non-marring, glue resistant polypropylene casing
- Clamps up to 2.5 KN of pressure



Model No.	Clamping Capacity	Throat Width	Throat Depth	Price /Each
TYB500	24"	1 1/2"	3 1/3"	
TYB501	50"	1 1/2"	3 1/3"	

aurora tools®

VICES, MAGNETS & CLAMPS

QUICK-GRIP® HANDI-CLAMP®

- Quick-Release™ trigger allows for fast and easy positioning and release
- Patented ratcheting mechanism provides adjustable clamping pressure and significantly reduces hand force required to generate clamping pressure
- High-tech resin construction provides strength and durability
- Specially designed jaws hold odd-shaped workpieces



IRWIN
QUICK-GRIP

Model No.	Mfg. No.	Clamping Capacity	Spreading Capacity	Throat Depth	Price /Each
TBQ662	59100CD	1 1/2" (37 mm)	1 1/2" (37 mm)	1 1/2" (37 mm)	
TBR083	59200CD	2" (50 mm)	2" (50 mm)	2" (50 mm)	
TBR085	59400CD	4" (10 cm)	4" (10 cm)	3" (75 mm)	

STEEL QUICK CLAMPS

- One hand mechanism for ease of clamping
- Adjustable and reversible: changes from a clamp to a spreader
- Vinyl-covered grips and tips



TGZ582

FULLER®

Model No.	Mfg. No.	Clamping Capacity	Price /Each
TGZ581	450-0101	1"	
TGZ582	450-0102	2"	
TGZ583	450-0103	3"	

QUICK CLAMPS

- One hand mechanism for ease of clamping
- Adjustable and reversible: Changes from a clamp to a spreader



TGZ585

BESSEY

Model No.	Mfg. No.	Clamping Capacity	Price /Each
TGZ584	XC2-2	1"	
TGZ585	XC5-2	2"	
TGZ586	XC7-2	3"	

LOCKING PLIERS - C-CLAMPS W/SWIVEL PADS

- Tempered chrome vanadium steel jaws
- Hardened tension bar with toggle mechanism provides secure locking action
- Smooth screw adjustment for easy and rapid setting
- Meets ANSI standards



aurora tools®

Model No.	Grip	Length"	Price /Each
TJZ096	Steel	6	
TJZ097	Steel	11	

PROFESSIONAL ONE HAND EDGE CLAMPS

- Twin Spindle: Outer spindle acts as the clamping jaws on work surface while inner spindle applies pressure to the edge
- Large Jaws: Soft non slip pads for positive grip



BESSEY

Model No.	Clamping Capacity	Clamping Force	Throat Depth	Price /Each
TKZ945	2 1/8"	500 lbs.	3"	

LOCKING LONG REACH CLAMPS

- Overall Length: 20"
- Style: Omnium Grip
- Max. Opening: 20"



GRAY TOOLS

Model No.	Mfg. No.	Price /Each
TYR738	134-20	

VICES, MAGNETS & CLAMPS

QUICK-GRIP® C-CLAMPS

- Double-rolled thread for faster clamping and increased durability
- Larger handle for greater clamping pressure with less effort and reduced hand fatigue
- Larger swivel pad reduces marring on work surface and increases stability



IRWIN
QUICK-GRIP®

Model No.	Mfg. No.	Clamping Capacity	Throat Depth	Price /Each
TBR751	225101	1" (25 mm)	1 3/16" (30 mm)	
TBR752	225102	2" (50 mm)	1 5/16" (33 mm)	
TBR753	225103	3" (75 mm)	2 1/4" (51 mm)	
TBR754	225104	4" (100 mm)	3" (75 mm)	
TBR755	225106	6" (150 mm)	3 1/2" (87 mm)	
TBR756	225108	8" (200 mm)	4" (100 mm)	
TBQ959	225123	2" (50 mm)	3 1/2" (87 mm)	
TBQ960	225134	3" (75 mm)	4 1/2" (112 mm)	

ECONOMY C-CLAMPS

- Reinforced at all stress points designed to last through the toughest application
- Constructed of high quality ductile iron with a heavy-duty steel screw for maximum strength
- Fully enameled for long life



FULLER®

Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Price /Each
VE830*	450-0761	1	1	
VE831*	450-0762	2	1 1/2	
VE833	450-0763	3	1 3/4	
VE834	450-0764	4	2 3/8	
VE835	450-0765	5	2 1/2	
VE836	450-0766	6	2 3/4	
VE837	450-0768	8	3 3/8	
VE838	450-0769	2 1/2	4 3/8	

* Constructed of malleable iron

C-CLAMPS

- Drop forged steel frame
- Lead screw and pad are copper plated to resist welding splatter
- Limited lifetime warranty



TYQ473



TYQ475

GRAY TOOLS

Model No.	Mfg. No.	Clamping Capacity	Throat Depth	Clamping Force lbs.	Overall Dimensions			Weight lbs.	Price /Each
TYQ473	C402	2" (50 mm)	1-3/4" (44.45 mm)	3500	7-1/2"	x	5"	1.4	
TYQ474	C403	3" (76 mm)	2-1/2" (63.5 mm)	3500	8-1/4"	x	6-1/2"	2.2	
TYQ475	C404	4" (102 mm)	3" (76.2 mm)	6200	11"	x	6"	3.3	
TYQ476	C408	8" (203 mm)	4-1/2" (114.3 mm)	6900	15"	x	8"	7.4	
TYQ477	C412	12" (305 mm)	5-1/2" (139.7 mm)	9300	22-1/2"	x	10-1/2"	12.75	

HI-VIS SAFETY C-CLAMPS

- Coated in high visibility yellow
- Powder coat finish resists scratches and corrosion
- Alloy steel spindles, black oxide coated



TJW241

WILTON

Model No.	Mfg. No.	Clamping Capacity"	Throat Depth"	Price /Each
TJW241	14300	2-1/8"	2-1/4"	
TJW242	14301	3"	1-1/2"	
TJW244	14303	6-1/16"	4-1/8"	
TJW245	14305	8-1/4"	5"	
TJW246	14306	10-1/8"	6"	
TJW247	14307	12-1/4"	6-5/16"	

C-CLAMPS

- Manufactured from SG iron with over 60000 PSI of tensile strength
- Swiveling pad adapts to the correct angle to apply even pressure on the work piece
- Textured powder coat finish on frame and black oxide finish on spindle increases corrosion resistance



TYB504

aurora tools®

Model No.	Clamping Capacity	Throat Depth	Min. Proof Test lbs.	Price /Each
TYB502	2"	1 5/8"	800	
TYB503	3"	1 11/16"	1000	
TYB504	4"	2 11/32"	1200	
TYB505	6"	3"	1400	
TYB506	8"	3 1/8"	1700	
TYB507	10"	3 1/2"	2200	
TYB508	12"	4"	2500	

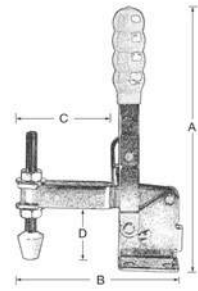
VICES, MAGNETS & CLAMPS

AURORA TOOLS® HOLD DOWN CLAMPS

- Commonly used clamps in manufacturing
- Perfect for holding work pieces in place
- Durable steel construction

VERTICAL HOLD-DOWN CLAMPS

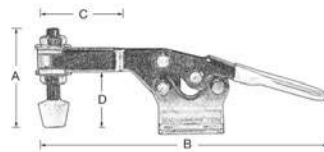
- Includes bonded neoprene-tipped spindle and flanged washers
- Open arm provides adjustable spindle location



Model No.	Holding Cap. lbs.	Dimensions"				L"	Base x W"	Wt. lbs.	Price /Each
		A	B	C	D				
TLV625	200	4	2 1/2	1	1	1	x 1 3/4	0.34	
TLV626	375	6	4 5/8	2 3/4	1 1/4	1 13/16	x 1 7/16	0.65	
TLV627	600	8 1/8	4 13/16	3	1 3/4	1 7/8	x 2 1/2	1.25	

HORIZONTAL HOLD-DOWN CLAMPS

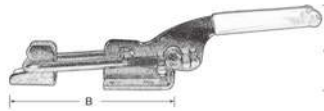
- Includes bonded neoprene-tipped spindle and flanged washers
- Low height design is ideal when space is a concern
- Open arm provides adjustable spindle location



Model No.	Holding Cap. lbs.	Dimensions"				L"	Base x W"	Wt. lbs.	Price /Each
		A	B	C	D				
TLV628	200	1 1/16	5 5/8	2 1/4	1	1 7/16	x 1 7/16	0.28	
TLV629	500	1 13/16	6 3/4	2 11/16	1 5/16	1 3/8	x 1 1/2	0.52	

LATCH CLAMPS

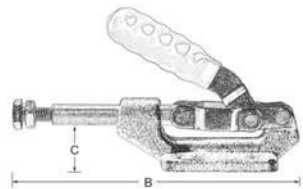
- Commonly used to hold molds, dies, and jigs together
- Includes latch plate



Model No.	Holding Cap. lbs.	Dimensions"		L"	Base x W"	Wt. lbs.	Price /Each
		A	B				
TLV630	360	1 1/4	4	1 1/16	x 1	0.16	
TLV631	700	1 5/8	6 7/8	1 1/2	x 1 11/16	0.55	

STRAIGHT LINE CLAMPS

- Commonly used in assembly operations or with welding jigs



Model No.	Holding Cap. lbs.	Dimensions"			L"	Base x W"	Wt. lbs.	Price /Each
		A	B	C				
TLV632	600	3	5 1/4	3 1/4	1 7/8	x 2 1/4	0.80	
TLV633	300	4 5/16	4 1/2	-	N/A		0.42	

aurora tools®

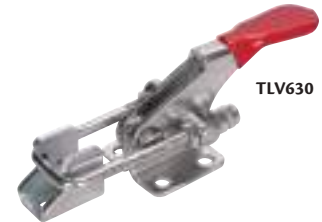
TLV626



TLV628



TLV630



TLV632



TLV633



AUTO-ADJUST TOGGLE CLAMPS

- Automatically adjust to variations in work piece dimensions
- The integrated clamping force adjustment screw can be used to create an actually applied clamping force from 25 to 550 lbs. (max holding capacity of 700 lbs.)
- The large (2 1/4" x 2 1/2") flanged base is designed for use with 1/4" or M6 fasteners
- The removable non-marring plastic cap is included on the 7/8" diameter swivel pads



Model No.	Mfg. No.	Opening"	Clamping Force Range (lbs.)	Holding Capacity (lbs.)	Price /Each
HORIZONTAL TOGGLE CLAMPS					
TNB028	STC-HH20	13/16	25 - 550	450	
TLV284	STC-HH50	1 9/16	25 - 550	700	
TLV285	STC-HH70	2 3/8	25 - 550	700	
INLINE TOGGLE CLAMPS					
TNB029	STC-IHH15	3/8	25 - 550	450	
TLV286	STC-IHH25	5/8	25 - 550	700	

TLV284



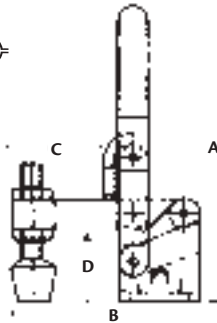
TLV286



VICES, MAGNETS & CLAMPS

VERTICAL HOLD-DOWN CLAMPS

The most popular type of hold-down clamp, manufactured in capacities of up to 6000 lbs. The hold-down bar exhibits a minimum 90° opening angle and can be solid or U-shaped. Stainless steel units are available for the food industry or corrosive environments.



201 SERIES

The smallest vertical clamp available. U-shaped hold-down bar furnished with bonded neoprene-tipped 10-32 spindle assembly (TN140) and flanged washers (TN121).

202 SERIES

200-lb. capacity version of 201 series. Furnished with bonded neoprene-tipped 1/4-20 spindle (TN134) lock nuts and flange washers (TN123).



207 SERIES

Available in solid bar model, including bolt retainer (TN141) 500-lb.-capacity. U-bar model includes two flanged washers (TN125) and accommodates 5/16" spindle (not supplied).



210 SERIES

Heavy-duty clamp holds up to 750 lbs. U-bar model includes two flanged washers (TN124). Bolt retainer supplied with solid bar models (TN142) accommodates any 3/8" spindle (not supplied).



Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"				Base			Wt. lbs.	Price /Each
			A	B	C	D	L"	x	W"		
TN059	201-U	100	3 1/16	2 1/64	11/16	5/8	1	x	1 5/16	0.15	
TN061	202-U	200	3 3/4	2 3/8	1	15/16	1	x	1 9/16	0.35	
TN065	207-S	500	5 1/2	3 25/32	-	1 9/16	1 3/8	x	1 3/4	0.69	
TN064	207-U	375	5 1/2	3 25/32	1 3/8	1 9/16	1 3/8	x	1 3/4	0.67	
TN066	210-U	600	7 1/2	5 7/8	2 5/8	1 11/16	1 29/32	x	2 17/32	1.29	
TN067	210-S	750	7 1/2	5 7/8	-	1 11/16	1 29/32	x	2 17/32	1.29	

TOGGLE-LOCK PLUS™ LATCH CLAMPS

Feature a release lever catch accessory which allows clamps to lock in the closed position only. Supplied with latch plate and equipped with an ergonomic handle grip. Model TV727 same as model TV726 only with greater holding capacity.

Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"		Thread Adjustment"	L"	Base x W"	Drawing Cap."	Wt. lbs.	Price /Each
TV726	331-R	700	1 15/32	6 1/4	11/64	1 9/16	x 1 3/4	2	0.6	
TV727	341-R	2000	2 3/4	6 1/2	9/16	2 3/8	x 2 3/8	2 1/2	0.6	

Equipped with a release lever catch accessory which allow clamps to stay locked in the closed position. Large handle pad improves operation of clamp.

Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"		Thread Adjustment"	L"	Base x W"	Drawing Cap."	Wt. lbs.	Price /Each
TV728	351-R	375	1 7/16	9 11/16	5/16	1 1/2	x 1 15/16	4	0.8	
TV729	371-R	750	2 1/4	13	11/16	1 15/16	x 1 15/16	5 3/8	0.6	



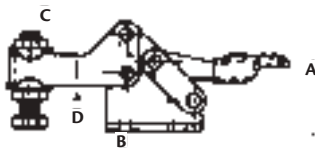
TV726



TV728

HORIZONTAL HOLD-DOWN CLAMPS

Low height design makes clamps outstanding when headroom is a concern. Unlike the handle on the vertical clamp, the horizontal clamp moves in the opposite direction. Hold down bar available in solid or U-shaped format. Some models available in stainless steel on request. Holding capacities to 500 lbs. Larger capacities available.



205 SERIES

The smallest clamps in the horizontal series clamps supplied with nylon spindle assembly (TN126). Flanged washers supplied with U-bar models (TN122).

215 & 225 SERIES

U-bar horizontal clamps provide greater rigidity and overall performance. The 215 Series includes a 1/4-20 bonded neoprene-tipped spindle assembly (TN134) and washers (TN123). The 225 Series includes a 5/16-18 bonded neoprene spindle assembly (TN135) and flanged washers (TN125).



305 SERIES

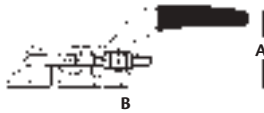
Feature a handle that can be operated from either side or from behind. U-bar model includes bonded neoprene-tipped spindle (TN140) and flanged washers (TN121).



Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"				L"	Base		Wt. lbs.	Price /Each
			A	B	C	D		x	W"		
TN062	205-U	60	3/4	2 21/32	3/8	5/16	15/16	x	15/16	0.06	
TN063	205-S	60	3/4	2 3/4	-	3/8	15/16	x	15/16	0.06	
TN068	215-U	200	1 1/2	5 7/16	1 1/4	1	1 7/16	x	1 3/8	0.32	
TN069	225-U	500	1 7/8	6 19/32	1 11/32	1 3/8	1 1/2	x	1 3/8	0.55	
TN070	305-U	150	1 3/8	2 1/4	1/2	1/2	1 1/32	x	1	0.13	

LATCH CLAMPS

Commonly used to hold lids, molds, dies and jigs together. Completely adjustable hook grabs latch installed on material or jig to be pulled together, and holds both sides together. Clamps can be bolted or welded into place. Ideal for high vibration applications. Pull bar is threaded for easy adjustment.



300 SERIES

The over-center toggle locking action of these clamps suits them ideally for holding against heavy forces such as those generated in plastic molding operations, clamping of doors, lids and access covers. Each clamp includes latch plate.



LATCH CLAMPS

Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"			Thread Adjustment"	Base L"	x	W"	Drawing Cap."	Wt. lbs.	Price /Each
TN073	323	360	15/32	3 27/32	25/32	5/8	x	1 7/64	13/16	0.15		
TN074	324	500	15/32	3 27/32	25/32	5/8	x	1 7/64	1 1/2	0.25		
TN076	331	700	15/8	5 5/8	1	3/4	x	1 39/64	1 1/4	0.56		
TN077	341	2000	2 3/4	8 1/4	1 1/2	2 3/8	x	2 33/64	2 1/2	1.43		
TN081	375	4000	4	10 3/8	1/2	3 3/8	x	3 1/8	3 1/2	2.75		

PLIER CLAMPS

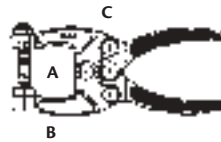
Model No.	Mfg. No.	Holding Cap. lbs.	Clamping Thickness" (A)	Throat Depth" (B)	Overall Length" (C)	Spindle Thread"	Wt. lbs.	Price /Each
TN097	424	200	1	1 1/8	4 1/2	1/4 x 20	0.31	
TN102	462	700	1 3/4	2 3/4	8 1/2	3/8 x 16	1.13	

STRAIGHT LINE CLAMPS

Model No.	Mfg. No.	Holding Cap. lbs.	Dimensions"			Base L"	x	W"	Plunger Travel"	Wt. lbs.	Price /Each
TN103	601	100	1 1/4	2 27/32	1/2	1 5/16	x	1 1/6	5/8	0.09	
TN104	602	200	3 3/32	2 7/16	-	-	-	-	33/4	0.25	
TN105	603	600	3 1/2	4 1/2	31/32	2	x	1 7/8	1 1/4	0.83	
TN106	604	300	4 1/16	4 15/16	-	-	-	-	1 1/2	0.44	
TN107	609	300	3 3/8	4 7/16	31/32	3 9/16	x	2 3/16	1 1/4	0.88	

PLIER HOLD-DOWN CLAMPS

Quick action pliers offer excellent workholding capacity, they are portable to many applications and highly versatile. Only normal hand pressure is required to close and lock clamps in place. Clamp thickness may be adjusted by turning the threaded spindle. Once set, the clamp can be used repeatedly at that opening. Standard style clamps open by pulling handles apart. Trigger release style pull the two-way release (up and down) for easy one-handed release.



424 SERIES

Has a single 1/4-20 adjustable neoprene-tipped spindle assembly. Clamp opens by manually pulling handles apart.



462 SERIES

Two trigger release clamp includes 3/8-16 steel swivel foot adjustment spindle assembly.



STRAIGHT LINE CLAMPS

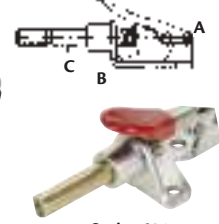
Popular in assembly operations or used in conjunction with welding jigs. Straight line clamps provide quick, strong holding force. Most clamps lock in two positions allowing them to be used as a push or pull clamp.

601, 603 & 609 SERIES

These models can be bolted or welded to a flat surface. Plungers extend out to clamp material against a fence or square surface. Model TN103 includes a 8-32 nylon spindle assembly (TN126). Model TN105 plunger is tapped for 5/16-18 adjustment spindle (not provided). Model TN107 plunger is tapped for 5/16-18 neoprene tip or other custom fixture.



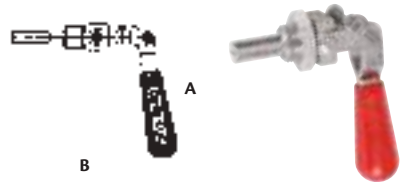
Series 603



Series 601

602 & 604 SERIES

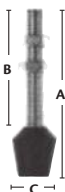
Fully retractable locators mount directly through a member by a jam nut on the work side or flush by drilling and tapping the member, a flat surface is not required. Locks in extended or retracted position. When flush-mounted, plunger completely retracts from work area.



REPLACEMENT SPINDLES & ACCESSORIES

FLAT-TIP BONDED NEOPRENE CAPS

Adjustable spindles provide a cushion between clamps and clamped item. Neoprene tip resists oils and chemicals and has a durometer of 60-70 and an operating temperature of -40°F to 220°F. Each spindle includes two adjusting nuts.



FLANGED WASHERS

Carbon steel replacements for U-bar clamps only.



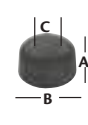
BOLT RETAINERS

Carbon steel replacements for S solid hold-down bars.



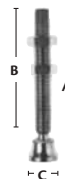
NEOPRENE CAPS

Slip-on heads of hex nut spindles, durometer 60-70 and operates between -40°F and 220°F.



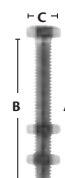
SWIVEL FOOT ADJUSTING SPINDLES

Used primarily for model TN102 plier clamp, but may be used with any clamp with the proper thread size. Steel swivel shoe provides a firm clamp and is suitable for more heavy-duty applications. Includes two adjusting nuts.



HEX HEAD ADJUSTING SPINDLES

Carbon steel fully threaded adjusting spindles are used in applications where a neoprene or swivel type spindle is not necessary. A neoprene cap foot is available for all sizes. Two adjusting nuts included.



Model No.	Mfg. No.	Dimensions			Thread"	Price /Each
FLAT-TIP BONDED NEOPRENE CAPS						
TN134	202208	1 5/8	1 1/8	5/8	1/4-20	
TN135	225208	2 3/16	1 9/16	3/4	5/16-18	
TN136	235208	5 1/2	4 3/4	7/8	3/8-16	
TN137	424208	1 1/2	1 1/8	5/8	1/4-20	
TN138	507208	3	2 1/4	3/4	5/16-18	
TN139	527208	3 1/2	2 1/2	7/8	3/8-16	
STEEL SWIVEL FOOT SPINDLE						
TN133	468206	3	2	5/8	3/8-16	
HEX-HEAD FULL THREAD						
TN129	441203	1 15/16	1 3/4	1/2	5/16-18	
TN127	207203	2 3/4	2 1/2	1/2	5/16-18	
TN131	491203	1 1/2	1 1/4	9/16	3/8-16	
TN128	210203	3	2 3/4	9/16	3/8-16	

Model No.	Mfg. No.	Dimensions			Thread"	Price /Each
FLANGED WASHERS (PER PAIR)						
TN122	105106	11/64	7/16	5/16	Fits Spindle #8	
TN123	215105	17/64	11/16	29/64	1/4	
TN125	507107	21/64	7/8	5/8	5/16	
TN124	235106	13/32	1	23/32	3/8	
BOLT RETAINERS						
TN141	207105	1 1/4	5/8	21/64	Fits Spindle 5/16"	
TN142	210114	1 1/2	3/4	17/32	3/8	
NEOPRENE CAPS						
TN118	215119	7/16	-	5/8	Fits Spindle 1/4"	
TN119	225119	1/2	-	5/8	5/16	
TN120	235119	17/32	-	3/4	3/8	



VICES, MAGNETS & CLAMPS

OFF-SET BENCH VISES

- Heavy-duty industrial grade vise
- V notched hardened jaws for vertical gripping
- Ideal for tall work pieces
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage
- Mount Type: Fixed



aurora tools®

Model No.	Jaw Width"	Max. Opening"	Throat Depth"	Price /Each
TYL103	6	6 1/2	4	

UTILITY WORKSHOP VISES

- 80 000 PSI Industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage
- Mount Type: Swivel



aurora tools®

Model No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
TYL097	6	6 1/2	3 4/10	

MULTI-PURPOSE BENCH VISES

- Heavy-duty casting for demanding applications
- Rotating head for gripping at any angle
- Permanent pipe jaws holds round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage
- Mount Type: Swivel



aurora tools®

Model No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
TYL102	5	5 1/2	3 1/10	

HEAVY-DUTY FIXED BASE BENCH VISES

- 80 000 PSI Industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage
- Mount Type: Fixed



aurora tools®

Model No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
TYL093	4	4 1/2	2 7/10	
TYL094	5	5 1/2	3 3/10	
TYL095	6	6 1/2	3 1/2	
TYL096	8	8 1/2	4	

HEAVY-DUTY INDUSTRIAL BENCH VISES

- 90 000 PSI drop forged alloy steel construction for top performance
- Perfect parallel jaw design for secure clamping
- Forged pipe jaws hold up to 2 1/2" pipe (TNB035)
- Precision ground and induction hardened jaws and anvil for dependable and long life of vise
- Long length alloy steel spindle handle for fast and high force clamping
- 360° rotation swivel base for versatile positioning of parts



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TNB033	BV-DF4SB	4	4 1/2	2 3/8	1/4 - 3	
TNB034	BV-DF5SB	5	6 1/2	3	1/4 - 4	
TNB035	BV-DF6SB	6	7	4	1/4 - 5	

HEAVY-DUTY SWIVEL BASE BENCH VISES

- 80 000 PSI Industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage



aurora tools®

Model No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
TYL098	4	4 1/2	2 1/2	
TYL099	5	5 1/2	3	
TYL100	6	6 1/2	3 4/10	
TYL101	8	8 3/10	3 8/10	

VICES, MAGNETS & CLAMPS

COMBINATION PIPE & BENCH VISES

- Perfect to handle any work holding jobs
- Tool steel serrated top jaws and pipe jaws
- Suitable for plant maintenance, oil field service, heavy construction



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TM838	C-0	3 1/2	5	4 1/2	1/8 - 2 1/2	
TM839	C-1	4 1/2	6	4 3/4	1/8 - 3 1/2	
TM840	C-2	5	7	5 5/16	1/8 - 4 1/2	
TM841	C-3	6	9	6 5/8	1/4 - 6	

TRADESMAN VISES

- Meets all Government specifications
- Replaceable top and pipe jaws
- Provides greater clamping surface
- Large anvil
- Fully enclosed spindle
- Straight line design
- Mounting template and parts list included with every vise
- Precision thrust bearing creates greater clamping pressure and increased longevity
- 60 000 PSI ductile iron
- Top jaws are reversible - either standard serrated jaws for extra grip on sturdier materials or smooth jaws for more delicate pieces
- 360° swivel base



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TD664	1745	4 1/2	4	3 1/4	1/4 - 2 1/2	
TD665	1755	5 1/2	5	3 3/4	1/4 - 3	
TD666	1765	6 1/2	6 1/2	4	1/4 - 3 1/2	
TD667	1780A	8	7	4 3/4	1/8 - 3 1/2	

SHOP VISES

- General duty use
- Instant-Action™ vise design ensures immediate engagement of the nut and spindle screw
- Vise rotates 360°
- Rubber pinch point safety guards
- 25 000 PSI castings for long life



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
VE839	WS4	4	4	2 3/4	
VE840	WS5	5	5	3	

ALL WEATHER VISE

- Rust inhibiting finish
- Heavy zinc plating treated vise jaws, pipe jaws, spindle assembly and lock nuts
- Perfect for permanent outdoor use
- Mounting on utility or maintenance trucks
- Suitable for construction sites, pipeline projects, oil field service
- Jaw Width: 3-1/2"
- Jaw Opening: 3-1/2"
- Throat Depth: 4-1/2"



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Price /Each
TM836	10400	3-1/2	3-1/2	4-1/2	

MULTI-PURPOSE MECHANIC'S VISES

- Jaw opening expands to 9 3/4" when reversed
- Grey iron main castings
- Replaceable, hardened tool steel jaw faces
- Two working anvil surfaces
- Two lock down bolts are furnished
- Swivel base with four mounting lugs allows for 360° swivel



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TD672	4500	5 1/2	9 3/4	3 3/4	1/8 - 3	

MECHANIC'S VISES

- Meets all Government specifications
- Replaceable hardened steel serrated jaw inserts and replaceable pipe jaws provide sure grip
- Enclosed, unbreakable box frame, steel channel
- Large anvil
- Swivel base rotated 360° and has double lockdowns ensuring maximum stability
- Straight line design - positions spindle and nut horizontally, reducing thread wear and increasing clamping power
- 30 000 PSI castings for long life and added strength
- Ideal for professional mechanics



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TD669	744	4	4 1/2	3 7/16	1/4 - 2	
TD670	745	5	5 1/4	3 3/4	1/4 - 2 1/2	
TD671	746	6	5 3/4	4 1/8	1/4 - 3 1/2	

UTILITY WORKSHOP VISES

- Durable, versatile, all-around vises
- Handles a variety of applications
- Perfect for use in utility and light duty applications



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Throat Depth"	Pipe Jaw Capacity"	Price /Each
TD677	674	4 1/4	4	2 5/8	1/8 - 2	
TD678	675	5 1/2	5	3 7/16	1/8 - 2 1/2	
TD679	676	6 1/2	5 1/2	3 11/16	1/8 - 2 1/2	
TD680	656HD	6	6	4 3/16	1/8 - 3	
TD681	648HD	8	7 1/2	4 1/2	1/8 - 3	

HIGH VIS SAFETY VISE

- Wilton's safety vises are coated in high visibility yellow
- Safety colour conforms to OSHA standard for physical hazards regulation #1910.144
- Powder durable coat finish
- Corrosion resistant black oxide coated handles and lockdowns
- 30000 PSI castings
- Meets all Government specifications



Model No.	Mfg. No.	Jaw Width"	Throat Depth"	Price /Each
TD673	63187	5	3-3/4	
TD674	63188	6	4-1/8	

VICES, MAGNETS & CLAMPS

VERSATILE DRILL PRESS VISES

Rugged design and large workload capacity make these vise perfect for the most difficult drilling, tapping or reaming operations.

MODELS VE855, TE622 & E586

- Made of graded cast iron and offers a ground vise bed for a smooth, consistent jaw movement and hardened top U-groove jaws

MODELS VE858 & VE859

- Made of graded cast iron and features precision 90° machining of the vise's sidebodies, which allows them to be used as bases
- Rapid action nut allows for fast loading and unloading of production material and extra tightening capabilities
- Main castings provide extra strength and increased durability



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Jaw Depth"	Price /Each
CONTINUOUS NUT					
VE855	1335	3	2 3/4	1 7/8	
TE622	1345	4	4	2 1/8	
VE856	1360	5	5	2 1/8	
RAPID ACTING NUT					
VE858	1445	4 1/2	4 3/4	1 7/8	
VE859	1460	6	6 3/4	2 1/8	

VERTI-LOCK® MACHINE VISES

- Jaw widths from 5" up to 8"
- Needle thrust bearing
- Flat bed parallel to 0.0001 per inch
- Ductile steel alloy body parts

SWIVEL BASE

- 360° rotation via two 360° scales
- Calibrated in 1° increments for easy use



WORKSTOP

- Quick, accurate positioning
- Ideal for highly repetitive operations



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Type of Base	Price /Each
MACHINE VISES					
TE166	1250N	5	4 1/2	Stationary	
TE167	1275N	6	7 1/2	Stationary	
TE168	1280N	8	7 1/2	Stationary	
SWIVEL BASES					
TE170	5S	5	-	Swivel	
TE171	6S	6	-	Swivel	
TE172	8S	8	-	Swivel	

SUPER PRECISION 2 WAY ANGULAR MACHINE VISES

- Perfect vise for grinding, jig boring and shaping jobs
- Jaw plates hardened and ground
- 90° vertical and 180° horizontal indexing
- 360° swivel base and 90° tilting range



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Jaw Depth"	Price /Each
TJW135	AMV/SP-50	2	2	1 5/16	
TJW136	AMV/SP-75	3	3	1 5/16	
TJW137	AMV/SP-100	4	4	1 9/16	
TJW138	AMV/SP-125	5	5	2	
TJW139	AMV/SP-150	6	6	2	

BRINK & COTTON VACUUM BASE VISES

- Lightweight and portable
- Mounts on any clean, flat surface
- Cast aluminum body
- 360° swivel base and 180° head tilt



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Type of Base	Price /Each
TJW113	3VB	2 3/4	2 1/2	Vacuum	



DRILL PRESS VISES

STANDARD MODELS

- Precision grinding of Model TM798 sides and front side face, permits additional mounting positions for drilling, tapping or reaming
- The body and sides are also ground perfectly parallel and square to further ensure complete jaw alignment
- Combining a smooth moveable jaw plate with a cross-patterned 90° V-groove stationary jaw, the vise is recommended for general use
- Model TM802 utilizes fine pitched ACME-threaded screws with hexagonal heads for tight clamping



ANGLE MODELS

- Models TM800 and TM804 are mounted on a 90° angle base, sturdily constructed to give workpieces an accurate mount
- The hinge pin hole of the vise body is precision drilled and reamed to avoid lateral play



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Jaw Depth"	Overall Height"	Price /Each
STANDARD MODELS						
TM798	25	2 1/2	2 1/2	1 1/2	3 2/3	
TM802	30	3	3 1/8	1 3/4	3 2/3	
ANGLE MODELS						
TM800	25A	2 1/2	2 1/2	1 1/2	4 1/3	
TM804	30A	3	3 1/8	1 1/4	4 1/3	

CAM ACTION DRILL PRESS VISES

- Holding pressure is adjustable from 400 to 1100 lbs.
- Recessed parallel steel jaw inserts level work, and can be removed to accommodate your jig and fixture components
- The base is designed for clear through drilling applications
- For added durability, bars and locking mechanisms are hardened and ground
- The unique top locking lever can be raised or lowered to tighten or loosen against the workpiece



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Jaw Depth"	Overall Height"	Price /Each
TE161	1203	3	3	1 1/4	2 3/4	
TE162	1204	4	4 11/16	1 5/16	3 1/4	
TE163	1206	6	6 3/16	1 13/16	3 3/4	
TE164	1208	8	8 3/16	2	4 7/16	

SUPER PRECISION 3 WAY TILTING MACHINE VISES

- Perfect vise for 3 axis jobs in milling, drilling, grinding, shaping and jig boring
- Jaw plates hardened and ground
- Accurately indexed for 3 way angular work
- 90° vertical indexing
- 360° swivel base and 45° tilting range on either side



Model No.	Mfg. No.	Jaw Width"	Jaw Opening"	Jaw Depth"	Price /Each
TJW130	TLT/SP-50	2	2	5/16	
TJW131	TLT/SP-75	3	3	1 5/16	
TJW132	TLT/SP-100	4	4	1 9/16	

WISE ACCESSORIES

IMPROVE CLAMPING VERSATILITY & SAFETY



WILTON MAGNEFIX VISE JAW CAPS TEMPORARY WORK-HOLDING SYSTEMS

- Designed to protect both the vise jaws and the workpiece from marring and distortion during any clamping application
- Caps are constructed from a hardened aluminum alloy with two built-in circular permanent magnets on the backside which hold the product securely to the vise
- The caps are magnetic towards the vise side to prevent steel filings from attaching themselves to the jaws and keep the clamped part from becoming magnetized



MODEL A - ALUMINUM MAGNEFIX JAW CAPS

- Aluminum alloy design includes six grooves to compensate for the unevenness of the workpiece
- Deeper Vee-Groove ensures more secure clamping of circular work pieces
- Use together with Rubber Magnefix Jaw Caps when clamping taper pins and spherical parts

MODEL F - FIBER FACE MAGNEFIX JAW CAPS

- Aluminum alloy with laminated fiber cover to prevent the absorption of outside materials
- Heat parts rapidly by concentrating heat into part
- Use on workpieces to avoid distortion and clamping marks

MODEL R - RUBBER FACE MAGNEFIX JAW CAPS

- Aluminum alloy with synthetic rubber cover
- Jaw cap conforms to workpiece and grips firmly without slipping while protecting work surface
- Use in combination with aluminum and prism jaw caps to clamp taper pins or tapered workpieces

MODEL P - PRISM MAGNEFIX JAW CAPS

- Jaw construction includes a 120° horizontal Vee-Groove, three vertical Vee-Grooves and a 90° groove for marking out and centre punching
- Ideal for light tapping and thread cutting applications



Model No.	Mfg. No.	Jaw Width"	Price /Each	Model No.	Mfg. No.	Jaw Width"	Price /Each
STANDARD ALUMINUM MAGNEFIX JAW CAPS							
TM832	A-4	4		TJW079	A-5.5	5 1/2	
TM833	A-4.5	4 1/2		TM835	A-6	6	
TM834	A-5	5		TJW081	A-6.5	6 1/2	
FIBER FACE MAGNEFIX JAW CAPS							
TM844	F-4	4		TM846	F-5	5	
TM845	F-4.5	4 1/2		TM847	F-6	6	
RUBBER FACE MAGNEFIX JAW CAPS							
TM856	R-4	4		TJW092	R-5.5	5 1/2	
TM857	R-4.5	4 1/2		TM859	R-6	6	
TM858	R-5	5		TJW094	R-6.5	6 1/2	
PRISM MAGNEFIX JAW CAPS							
TM851	P-4	4		TJW100	P-5.5	5 1/2	
TM850	P-4.5	4 1/2		TM853	P-6	6	
TM852	P-5	5		TJW102	P-6.5	6 1/2	

TELESCOPIC MAGNETIC RETRIEVERS

- Ideal for reaching behind, underneath or around machinery and/or difficult to reach areas
- Rare earth magnet material
- Max. temperature of 180° F (82° C)



Model No.	Mfg. No.	Strength lbs.	Diameter"	Length"	Extended Length"	Weight lbs.	Price /Each
TYO508	927	7.5	1/2	17	26 1/2	0.36	
TYO509	931	12	1/2	13	26	0.44	
TYO510	240N	2	5/16	5 1/2	25 1/2	0.07	
TYO511	926	14	5/8	23 1/2	50	0.42	
TYO512	925	7	5/8	8	35	0.19	
TYO513	923	5	3/8	6 1/2	32	0.14	
TYO514	924	7	5/8	6 1/2	32	0.18	
TYO515	990SM	20	1 1/8	16 1/2	29	0.65	

MAGNETIC PARTS RETRIEVERS

Remove steel parts from bins, boxes, kegs, tables or floors.

- Durable aluminum housing with comfortable non-slip handle
- Powerful, lightweight permanent magnet
- Easy release of collected parts or scrap



SHORT HANDLED VERSION

Model No.	Holding Capacity lbs.	L"	W"	H"	Price /Each
TTY633	7	4 1/2	2 3/8	7 1/2	
TTY635	11	4 1/2	2 3/8	7 1/2	

MAGNETIC TRIGGER LIFTS

Hand held lift provides a strong grip on parts with an easy to use trigger release.

- Lightweight aluminum housing
- One hand operation
- Move sheets and parts fast, safely and easily
- Retrieve hot parts from burn tables



BURN TABLE/PARTS HANDLING

Model No.	Holding Capacity lbs.	L"	W"	H"	Price /Each
TTY637	55	3 3/8	2 3/8	4 13/16	

HOSE CORD HOOK/HOLDER MAGNET

- Sturdy stainless steel holder
- Plated permanent ceramic cup magnet
- Secure hoses, cables, cords and more to any flat surface
- Holds up to 45 lbs.
- Width: 73 mm
- Length: 111 mm

Model No. TTX074
Mfg. No. MX2750HC1
Price/Each \$



POWER GRIPS

- Holds against shear force
- Securely grips heavy parts
- Aluminum insulated
- Epoxy encapsulated magnet



MAC-MATE

Model No.	Length"	Height"	Width"	Holding Value lbs.	Price /Each
LS717	2 1/8	2	3/4	25	
LS718	4	2 1/4	3/4	51.5	
LS719	5 1/4	2 3/4	1 7/8	92.5	

MAGNETIC PRINT HOLDERS

- Ideal for holding papers, prints and charts against steel partitions, machinery and metal desks
- Magnetic strength holds through many layers of paper
- Does not mark or tear paper



MAC-MATE

Model No.	Pull lbs.	Dia."	Height"	Price /Each
TTY600	7	1 13/64	11/16	
TTY601	12	1 13/32	9/32	
TTY602	19	2 1/32	5/16	

MAGNETIC STRIPS

- Conforms to any contour
- Holds many times its weight
- Can be cut, drilled or shaped
- Available with or without adhesive backing



Thick"	Width"	Length'	Max. Pull per Lin. Ft. (lbs.)	Model No. w/o Adhesive	Price /Roll	Model No. w/Adhesive	Price /Roll
1/32	1/2	200	2	TTY640		TTY648	
1/32	3/4	200	3	TTY641		TTY649	
1/32	1	100	4	TTY642		TTY650	
1/32	1	200	4	TTY643		TTY651	
1/16	1/2	100	5	TTY644		TTY652	
1/16	3/4	100	8	TTY645		TTY653	
1/16	1	50	11	TTY646		TTY654	
1/16	1	100	11	TTY647		TTY655	

ON/OFF MAGNETIC HANGING HOOKS

- Hanging hooks are perfect for temporary holding of lines, hoses, lights, tools and more
- Powerful rare earth magnet
- Locking On/Off handle
- Attaches to flat or round surface with ease



MAC-MATE

Model No.	Strength lbs.	Diameter"	Length"	Height"	Weight lbs.	Price /Each
TY0548	35	1 3/4	5 3/4	2 3/4	0.95	
TY0549	110	2 1/2	7 5/8	4 5/8	4.65	

MAG-MAID MAGNETIC CLEAN-UP TOOLS

- Picks up steel chips, fasteners and scrap from swarf
- To clean, simply pull the plunger handle to the top of the tube and the collected metal falls off
- Powerful rare earth magnet



MAC-MATE

Model No.	Length"	Diameter"	Wt. lbs.	Price /Each
TTY638	15	1	1.25	
TTY639	36	1	2.75	

LONG REACH MAGNETIC RETRIEVERS

- Powerful pickup tools
- Durable handle with grip
- Model TTY621 has a 45° angled head



MAC-MATE

Model No.	Handle Length"	Head Dimensions	Holding Capacity lbs.	Price /Each
TTY621	38	3 1/4" Dia.	47.5	
TTY622	39.72	6" x 1 3/8"	28	

MAGNETIC TOOL HOLDERS

- Mount to walls, work benches, ladders, etc.
- 3/16" mounting holes and screws provided
- TTY308 and TTY309: holes on 16" centres
- Holds a 10-lb. hammer!



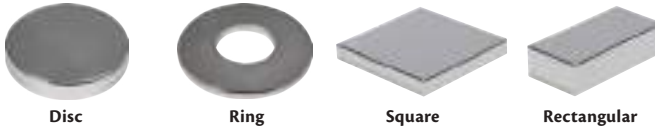
MAC-MATE

Model No.	Thickness"	H"	L"	Pull lbs.	Wt. lbs.	Price /Each
TTY307	1 1/8	2	12	120	2.0	
TTY308	1 1/8	2	18	180	3.0	
TTY309	1 1/8	2	24	240	4.0	

VICES, MAGNETS & CLAMPS

MAX-ATTACH™ RARE EARTH MAGNETS

- Utilizes Polymagnet® multi-pole magnetizing technology to produce superior attachment force
- Stronger than conventional magnets



Model No.	Strength lbs.	Diameter"	Height"	Weight lbs.	Price/Each
DISC					
TY0517	7.7	0.125	0.5	0.007	
TY0518	9.3	0.187	0.5	0.037	
TY0519	8.8	0.125	0.5	0.007	
TY0520	10.5	0.187	0.5	0.037	
TY0521	15.3	0.062	0.75	0.007	
TY0522	18	0.125	0.75	0.015	
TY0523	16.5	0.062	1	0.013	
TY0524	37.3	0.125	1	0.027	
TY0525	38.4	0.187	1	0.040	
TY0526	77	0.125	1.5	0.060	
RING					
TY0528	16	0.125	0.75	0.011	
TY0527	16.3	0.125	0.75	0.014	
TY0529	33.2	0.125	1	0.026	
TY0530	67.3	0.125	1.5	0.059	
TY0531	119	0.187	2	0.128	

Model No.	Strength lbs.	Diameter"	Height"	Width"	Weight lbs.	Price/Each
SQUARE						
TY0533	13.1	0.125"	0.5	0.5	0.008	
TY0532	39.8	0.125"	1	1	0.034	
TY0537	86.4	0.125"	1.5"	1.5	0.076	
RECTANGULAR						
TY0534	17.1	0.125	1	0.5	0.017	
TY0535	62.1	0.187	1.5	1	0.076	
TY0536	64.8	0.187	1.5	1	0.076	

LOW PROFILE CUP MAGNETS

Cup magnets are ideal for hanging signs, lights, etc. or retrieving steel items from tanks, vats and bins.



Model No.	Holding Capacity lbs.	Diameter"	Cup Height"	Magnet I.D."	Hole I.D."	Wt. lbs.	Price /Each
PLATED CUP							
TYG603	7	1 1/4	3/16	1/4	5/32	0.10	
TYG605	10	1 13/32	9/32	3/8	3/16	0.38	
TYG606	13	2 1/32	5/16	7/8	3/16	0.42	
TYG609	41	2 5/8	3/8	1	9/32	0.58	
TYG611	35	2 7/8	3/8	1	1/4	0.59	
TYG612	48	3 3/16	7/16	1 7/32	9/32	0.60	
TYG613	95	4 29/32	1/2	1 3/4	1/2	0.80	

Model No.	Holding Capacity lbs.	Diameter"	Cup Height"	Total Height"	Thread Size	Wt. lbs.	Price /Each
PLATED CUP & BOLT							
TYG614	7	1 1/4	3/16	1 3/16	6 - 32	0.15	
TYG615	13	2 1/32	5/16	1 13/16	10 - 24	0.56	
TYG616	5	2 1/4	3/16	1 7/8	5/16" - 8	0.32	
TYG617	41	2 5/8	3/8	1 15/16	3/8" - 16	0.60	
TYG618	48	3 3/16	7/16	1 3/16	3/8" - 16	0.68	

Model No.	Holding Capacity lbs.	Dia."	Cup Height"	Total Height"	Loop I.D."	Wt. lbs.	Price /Each
PLATED CUP & LOOP							
TYG619	41	2 5/8	3/8	1 15/16	1/2	0.60	
TYG620	48	3 3/16	7/16	1 3/16	1/2	0.68	

RECTANGULAR FIXTURE ASSEMBLIES

- A:** Ceramic magnet (TKZ965 is Rare Earth). 400 stainless steel channel. Use 1/4"-20 (m6) fasteners for mounting.
- B:** Nickel plated rare earth magnet. Bright plated steel channel. Use 1/4"-20 (m6) fasteners for mounting.
- C:** Ceramic magnet, 400 stainless steel channel & epoxy filled. Use 10-24 (m5) fasteners for mounting.



Model No.	Style	Pull lbs.	Thickness"	W"	L"	Ctrs"	Wt. lbs.	Price /Each
TKZ965	A	43.5	3/8	1 3/8	3 1/4	2 5/8	0.10	
TKZ966	B	14	3/16	9/16	1 3/4	1 1/2	0.10	
TKZ967	C	9	9/16	1	2 1/2	2	0.20	
TKZ968	C	21	9/16	1	4 1/2	4	0.40	
TKZ969	C	29	9/16	1	6 1/2	6	0.60	
TKZ970	C	60	9/16	1	12 1/2	12	1.30	
TKZ971	C	63	5/8	1 1/2	12	11	1.62	
TKZ972	C	150	5/8	2 1/2	12	11	2.74	

CUP MAGNETS W/HOLDERS

- Secure cables, wires, brooms and more to any steel surface



Model No.	Strength lbs.	Width"	Length"	Clamp Opening"	Price/Each
TY0538	19	2.03	2-5/16	5/8-1-1/4	
TY0539	11	1.41	1-17/32	3/4-1-1/8	
TY0540	11	1.41	1-17/32	3/4-1-1/8	
TY0541	19	2.03	2-3/16	1-1/2-1-7/8	
TY0542	19	2.03	2.44	1.38	
TY0543	41	2.63	1.13	0.87-1.25	
TY0544	7	1.24	0.44	0.38-0.16	
TY0545	7	0.75	0.75	0.44-1.00	

RARE EARTH MAGNET MATERIAL

- Extremely powerful magnet is ideal for miniaturized applications
- Operates best at temperatures below 94°C
- High resistance to demagnetization
- Nickel plated finish



Model No.	Mfg. No.	Dia."	Length"	Holding Capacity lbs.	Price /Each
TYG656	NE1206NP35	0.120	0.060	0.2	
TYG657	NE1806NP35	0.187	0.060	0.6	
TYG658	NE2225NP35	0.220	0.250	1.5	
TYG659	NE2250NP35	0.220	0.500	1.8	
TYG660	NE2510NP35	0.250	0.100	1.0	
TYG661	NE2512NP35	0.250	0.125	1.2	
TYG662	NE2518NP35	0.250	0.187	1.5	
TYG663	NE2525NP35	0.250	0.250	1.8	
TYG664	NE2550NP35	0.250	0.500	2.1	
TYG665	NE3706NP35	0.375	0.060	1.0	
TYG666	NE3710NP35	0.375	0.100	2.0	
TYG667	NE3712NP35	0.375	0.125	2.6	
TYG668	NE3718NP35	0.375	0.187	4.5	
TYG669	NE3720NP35	0.375	0.200	4.5	
TYG670	NE3725NP35	0.375	0.250	4.6	
TYG671	NE3737NP35	0.375	0.375	5.7	
TYG672	NE3750NP35	0.375	0.500	6.7	
TYG673	NE5006NP35	0.500	0.060	3.0	
TYG674	NE5012NP35	0.500	0.125	4.0	
TYG675	NE5018NP35	0.500	0.187	5.7	
TYG676	NE5020NP35	0.500	0.200	6.0	
TYG677	NE5025NP35	0.500	0.250	6.5	
TYG678	NE5037NP35	0.500	0.375	8.9	
TYG679	NE5050NP35	0.500	0.500	11.2	

HAND TOOLS & ACCESSORIES

POWER HACKSAWS BLUESTRIPE® BI-METAL HIGH SPEED STEEL EDGE

- The best blades for tough materials
- High-speed steel cutting edge
- Tough alloy steel back
- Will handle irregular shapes and interrupted cuts with ease



Starrett®

Model No.	Mfg. No.	Length Inch mm	Width Inch mm	Thickness Inch mm	Pinhole Dia. Inch mm	TPI	Price /Each
TBB288	40099	14 350 x	1 1/8 28.6 x	0.050 1.25	0.281 7	10	
TBB289	40100	14 350 x	1 1/8 28.6 x	0.050 1.25	0.281 7	14	
TBB290	40101	14 350 x	1 3/8 35 x	0.062 1.6	0.281 7	6	
TBB291	40102	14 350 x	1 3/8 35 x	0.062 1.6	0.281 7	10	
TBB292	40105	14 350 x	1 5/8 41 x	0.075 2	0.281 7	6	
TBB293	40113	17 425 x	1 3/8 35 x	0.062 1.6	0.281 7	6	
TBB303	40131	24 600 x	2 1/8 54 x	0.100 2.5	0.39 10	3	
TBB304	40132	24 600 x	2 1/8 54 x	0.100 2.5	0.39 10	4	

POWER HACKSAWS BLADES REDSTRIPE® HIGH SPEED STEEL

- Fully hardened molybdenum high speed steel
- Ideal for long wear life and top performance in sawing a wide range of materials, including stainless and other tough-to-cut alloy steels
- Withstand heavier feed pressures for faster cutting, better than other types of hacksaw blades



Starrett®

Model No.	Mfg. No.	Length Inch mm	Width Inch mm	Thickness Inch mm	Pinhole Dia. Inch mm	TPI	Price /Each
TBB263	40046	12 300 x	1 25 x	.050 1.25	0.281 7.00	10	
TBB264	40047	12 300 x	1 25 x	.050 1.25	0.281 7.00	14	
TBB265	40049	14 350 x	1 25 x	.050 1.25	0.281 7.00	10	
TBB266	40050	14 350 x	1 25 x	.050 1.25	0.281 7.00	14	
TBB267	40051	14 350 x	1 1/4 32 x	.062 1.6	0.281 7.00	6	
TBB268	40052	14 350 x	1 1/4 32 x	.062 1.6	0.281 7.00	10	
TBB274	40062	17 425 x	1 1/4 32 x	.062 1.5	0.281 7.00	6	
TBB275	40063	17 425 x	1 1/4 32 x	.062 1.5	0.281 7.00	10	
TBB276	40064	18 450 x	1 1/4 32 x	.062 1.6	0.281 7.00	6	
TBB277	40065	18 450 x	1 1/4 32 x	.062 1.6	0.281 7.00	10	
TBB278	40067	18 450 x	1 1/2 38 x	.075 2	0.281 7.00	4	
TBB279	40068	18 450 x	1 1/2 38 x	.075 2	0.281 7.00	6	
TBB280	40070	18 450 x	1 3/4 45 x	.088 2.25	0.281 7.00	4	
TBB281	40071	18 450 x	1 3/4 45 x	.088 2.25	0.281 7.00	6	
TBB282	40075	21 525 x	1 3/4 45 x	.088 2.25	0.281 7.00	4	
TBB283	40076	21 525 x	1 3/4 45 x	.088 2.25	0.281 7.00	6	
TBB284	40081	24 600 x	2 50 x	.100 2.50	0.390 10.00	4	
TBB285	40083	30 750 x	2 1/2 63 x	.100 2.50	0.390 10.00	4	

HACKSAW BLADES

CARBON

- Carbon steel, all-purpose blades are for cutting mild steel, copper, brass, aluminum and similar materials
- Hardened cutting edge with a tough, flexible back

Starrett®



Model No.	Mfg. No.	Length"	Width"	Thickness"	Teeth Per Inch	Price /Each
WJ521	GF1028	10	1/2	0.025	18	
WJ522	40012	10	1/2	0.025	24	
WJ523	40013	10	1/2	0.025	32	
WJ525	GF1218	12	1/2	0.025	18	
WJ526	GF1224	12	1/2	0.025	24	
WJ527	GF1232	12	1/2	0.025	32	

BI-METAL WITH GROUND TEETH

- Precision ground, high-speed steel cutting teeth
- Super-efficient tooth shape
- With 170% more high speed steel weld area and a precision ground tooth profile, blade fracture and breakage is greatly reduced

Starrett®



Model No.	Mfg. No.	Length"	Width"	Thickness"	Teeth Per Inch	Price /Each
WJ498	40327	10	1/2	0.025	18	
WJ500	40330	12	1/2	0.025	18	
WJ501	40331	12	1/2	0.025	24	
WJ502	BS11232	12	1/2	0.025	32	
WJ506	RS1024	10	1/2	0.025	24	

HACKSAW BLADES

BI-METAL

- Package Type: Carded
- Molybdenum alloy tool steel edge
- Tough and flexible high carbon steel backing
- High tooth hardness and shock resistance
- Two blades per card



Nicholson®

Model No.	Mfg. No.	Length"	Width"	Thickness"	Teeth Per Inch	Price /Each
TBH239	62811	10	1/2	0.025	18	
TBH242	62826	12	1/2	0.025	18	
TBH243	62830	10	1/2	0.025	24	
TBH244	62832	12	1/2	0.025	24	
TBH246	62839	12	1/2	0.025	32	

CARBON

- Package Type: Carded
- Solid high carbon steel
- Tempered to provide hard edge with flexible back
- Economy blade for sawing light to medium-hard materials
- A good balance of wear resistance and mechanical shock absorbing properties
- Two blades per card



Nicholson®

Model No.	Mfg. No.	Length"	Width"	Thickness"	Teeth Per Inch	Price /Each
TBH248	63220	10	1/2	0.025	24	
TBH249	63256	12	1/2	0.025	18	
TBH250	63268	12	1/2	0.025	24	
TBH251	63280	12	1/2	0.025	32	

HAND TOOLS & ACCESSORIES

CUSHION GRIP HACKSAW FRAMES

- Unique cushioned rubber grip reduces slippage for better control and comfort
- Rugged, sturdy frame built for professional tool users
- High tension technology for tightening the blade to 30,000 PSI
- Blade can be positioned for 45° or 90° cutting
- Patented quick change blade design

Model No. TJ246
Mfg. No. 80965
Price/Each \$



Nicholson®

HIGH TENSION HACKSAW FRAMES

- Quick changing blades
- Adjustable crank handle for tension up to 30,000 PSI torque and micro-adjustment
- Spare blades can be stored inside frame
- Blade can be positioned for 45° or 90° cutting
- End of frame can be used as a jab saw

Model No. TJ557
Mfg. No. 80956
Price/Each \$



Nicholson®

HEAVY-DUTY HACKSAW FRAMES

- High impact, contoured handle
- Adjust to 10" or 12"
- 45° blade adjustment

Model No. TBH296
Mfg. No. 80952
Price/Each \$

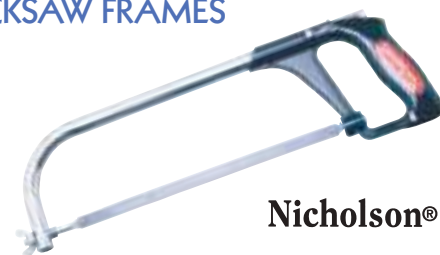


Nicholson®

ECONOMY HACKSAW FRAMES

- Adjustable from 10"/250 mm to 12"/300 mm
- Cuts to 2.75"/70 mm in depth
- For DIY and home use

Model No. TJ251
Mfg. No. 80950
Price/Each \$



Nicholson®

GENERAL PURPOSE HACKSAW FRAMES

- Instantly adjustable for 10"/250 mm to 12"/300 mm blades
- Adjusts 90° for vertical or horizontal cuts

Model No. VU145
Mfg. No. 80951
Price/Each \$



Nicholson®

HACKSAWS

- Blade Length: 12"
- Handle Type: Plain
- Overall Dimensions: 17-5/16" L x 5-1/8" H
- Depth of Bow: 4" H
- Tensile Strength: 8000 PSI
- Strong aluminum die-cast handle provides comfort and control
- Guarded grip design protects knuckles from grazing

Model No. TYW991
Price/Each \$



aurora tools®

HIGH TENSION HACKSAW FRAMES

- Professional quality high tension frame provides easy to use an efficient adjustment lever
- Rubber handle and thumb hold provides an ergonomic grip (**EAM042**)
- 4 angled mounting pins allow for both straight and angle cutting, also keeps the blade in place when tension is relieved
- Blade tension is approximately 28 000 PSI (2000 kg/cm²)
- To tension blade, make 3 turn (360°) after first meeting resistance with blade
- Model **EAM042** comes with a Starrett Bluestripe bi-metal unique® ground tooth hacksaw blade, model **TBD490** comes with a Starrett Greenstripe® bi-metal unique® milled tooth hacksaw blade



TBD490



EAM042

Starrett®

LITTLE-NIC® UTILITY HACKSAWS

- Ergonomic cushioned handle
- Gets into small places
- Overall length 10"/250 mm,
- Uses any standard size hacksaw blade

Model No. TBH298
Mfg. No. 80968
Price/Each \$



Nicholson®

JAB SAWS

- Special saw always needed for the difficult jobs: those narrow, hard-to-read areas
- Jab saw will work with any standard size hacksaw blade
- Can replace worn blade easily

Model No. TJ252
Mfg. No. 80969
Price/Each \$



Nicholson®

Model No.	Mfg. No.	Description	Throat Depth	Price /Each
EAM042	67818	12" closed grip heavy-duty high tension hacksaw frame	4 3/8" (110mm)	
TBD490	60134	Heavy-duty adjustable closed grip hacksaw frame	3 3/4" (95mm)	

HAND TOOLS & ACCESSORIES



ALUMINUM FILES – TYPE "A" FLAT

- Special tooth construction eliminates clogging when filing aluminum
- Flat shape
- Double-cut
- All sizes have same number of teeth per inch
- Smooth finish obtained by using shearing cut toward left

Nicholson®

Model No.	Mfg. No.	Length"	Price /Each
VS433	00001N	6	
VS434	00024N	8	
VS435	00047N	10	
VS436	00070N	12	



FARMER'S OWN FILES

- General purpose file suited for agricultural use
- Rectangular shape
- Single-cut
- Safe edges
- Length measured exclusive of handle
- Convenient hang up hole

Nicholson®

Model No.	Mfg. No.	Length"	Price /Each
VS465	06637N	6	
VS466	06649N	8	
TBG816	08922N	8	
VS467	06668N	10	



CHAIN SAW FILES – SPIRAL CUT (SUPERIOR)

- Round shape
- Spiral cut
- 8" file has straight tang
- Spiral cut enables more material to be removed with each stroke, reducing amount of strokes to produce raw edges

CHAIN SAW FILES – ROUND SMOOTH

- Round shape
- Smooth cut
- 6" files have a straight tang



Nicholson®

Model No.	Mfg. No.	Length"	Diameter"	Price /Each
TBG761	02228B	8	5/32	
TBG954	23861	8	13/64	

Nicholson®

Model No.	Mfg. No.	Length"	Diameter"	Price /Each
TBG744	01590	6	1/8	
TBG745	01630	6	5/32	
TBG750	01891	8	5/32	
TBG749	01888	8	7/32	

CHAIN SAW FILES – FLAT

- Used for cutter-raker type (2 round edges) chain saw
- Rectangular shape

Nicholson®

Model No.	Mfg. No.	Code No.	Length"	Price /Each
TBG760	02215N	18	8	



aurora tools®

**Canada's Best Value
in Industrial Tools!**



LONG ANGLE LATHE FILES – FINE

- Specially designed for finishing rapid stock removal on lathe work
- Rectangular shape
- Safe edges
- Cut faster than regular mill files and leave smoother finish



Nicholson®

Model No.	Mfg. No.	Length"	Price/Each
VS510	07835N	8	
VS511	07842N	10	
VS512	07851N	12	
VS513	07863N	14	

HANDY FILES

- One side is single-cut for use in tool sharpening and smoothing metal surfaces, reverse side is double-cut for general filing and rapid stock removal
- Rectangular shape
- 1 cut edge, 1 safe edge
- Length measured exclusive of handle



Nicholson®

Model No.	Mfg. No.	Length"	Price/Each
TBG796*	06601	8	
TBG797	06602	8	
TBG799	06686	12	

*Carded

FLAT FILES

- Used by machinists, machinery builders, ship and engine builders, repairman and others who require rapid removal of metal
- Rectangular in cross section and taper slightly towards point in width
- Double-cut on sides, single-cut on edges
- American pattern, available in bastard, second and smooth-cut



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
4	VS468	03367		VS475	03401		VS481	03434	
6	VS469	03467		VS476	03500		VS482	03533	
8	VS470	03566		VS477	03599		VS483	03632	
10	VS471	03665		VS478	03698		VS484	03731	
12	VS472	03764		VS479	03797		VS485	03830	
14	VS473	03863		VS480	03896		VS486	03929	
16	VS474	03980		-	-	-	-	-	-

HALF ROUND FILES

- Used on concave, convex and flat surfaces
- Rounded on 1 side, flat on opposite
- Backs of all half-round bastard files are double-cut
- Backs of all half-round second-cut files longer than 6" are double-cut
- Backs of all 4 and 6" files are single-cut
- Backs of all half-round smooth files are single-cut
- Flat sides of all half-round files are double-cut



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
4	VS487	04695N		VS494	04729N		VS500	04762N	
6	VS488	04795N		VS495	04828NN		VS501	04861N	
8	VS489	04896N		VS496	04927N		VS502	04960N	
10	VS490	04995N		VS497	05026N		VS503	05059N	
12	VS491	05094N		VS498	05125N		VS504	05158N	

HAND FILES

- Rectangular shape
- Double-cut
- 1 safe edge
- Same coarseness as flat files of corresponding lengths



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
4	TBG782	05652N		TBG783	05675N		-	-	-
6	TBG785	05738N		TBG786	05771N		TBG787	05804N	
8	TBG788	05853N		QF890	05886N		TBG789	05919N	
10	TBG790	05968N		-	-	-	TBG791	06034N	
12	TBG792	06084N		TBG793	06117N		TBG794	06150N	

KNIFE FILES

- Used primarily by tool and die makers with work having acute angles
- Triangular shape
- Double-cut on sides, single-cut on sharp edge
- Knife files are supplied with safe backs



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
4	TBG801	06711		TBG802	06742		TBG803	06773	
6	TBG804	06804		TBG805	06836		TBG806	06867	
8	TBG807	06898		TBG808	06930		TBG809	06961	
10	TBG810	06992		TBG811	07023		TBG812	07054	
12	TBG813	07085		-	-	-	-	-	-

HAND TOOLS & ACCESSORIES

MILL FILES – 1 & 2 ROUND EDGES

- Round edges are used where rounding gullets are preferred, as compared to sharp corners or squared gullets
- Rectangular shape
- Single-cut on sides and edges
- Bastard-cut
- Same as regular mill files except they have 1 or 2 round edges

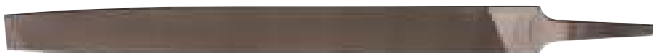


Nicholson®

		One Round Edge		Price /Each	Two Round Edge		Price /Each
Length"	Model No.	Mfg. No.			Model No.	Mfg. No.	
8	VS535	09099N			TB6817	09389N	
10	VS536	09179N			TB6818	09469N	
12	VS537	09227N			-	-	-

MILL FILES

- Used for sharpening mill or circular saws
- Also for draw-filing and finishing metals
- Rectangular shape
- Single-cut on sides and edges
- 2 square edges
- All sizes taper slightly in width



Nicholson®

		Bastard Cut		Price /Each	Second Cut		Price /Each	Smooth Cut		Price /Each
Length"	Model No.	Mfg. No.			Model No.	Mfg. No.		Model No.	Mfg. No.	
4	VS518	08243N			-	-	-	VS529	08306N	
6	VS519	08354N			VS525	08385N		VS530	08416N	
8	VS520	08497N			VS526	08529N		VS531	08560N	
10	VS521	08642N			VS527	08673N		VS532	08704N	
12	VS522	08737N			VS528	08768N		VS533	08799N	
12	TB214*	021842HN			-	-	-	-	-	-
14	VS523	08832N			-	-	-	VS534	08894N	
16	VS524	08925N			-	-	-	-	-	-

*Indicates ergonomic handle

MAGICUT® FILES – FLAT

- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish
- Tapered point in width
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish



Nicholson®

Model No.	Mfg. No.	Length"	Price/Each
VS514	07894	8	
VS515	07917	10	
VS516	07941	12	
VS517	07965	14	

SQUARE FILES

- Used on slots, keyways and general surface filing
- Square shape
- Double-cut
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files because of heavier section and 4 filing surfaces



Nicholson®

		Bastard Cut		Price /Each	Second Cut		Price /Each	Smooth Cut		Price /Each
Length"	Dia."	Model No.	Mfg. No.		Model No.	Mfg. No.		Model No.	Mfg. No.	
4	5/32	VS557	12790		-	-	-	VS568	12857	
6	1/4	VS558	12967		-	-	-	VS569	13033	
8	5/16	VS559	13081		VS565	13114		VS570	13147	
10	3/8	VS560	13196		VS566	13229		VS571	13262	
12	1/2	VS561	13310		VS567	13343		VS572	13376	
14	5/8	VS562	13425		-	-	-	-	-	-

ROUND FILES

- Primarily used to file circular openings or concave surfaces
- Round shape
- All 4, 5, 6, 8, 10, 12" files are single-cut
- 14" bastard file is double-cut
- Tapered slightly towards point



Nicholson®

		Bastard Cut		Price /Each	Second Cut		Price /Each	Smooth Cut		Price /Each
Length"	Dia."	Model No.	Mfg. No.		Model No.	Mfg. No.		Model No.	Mfg. No.	
4	1/8	VS538	11526N		VS545	11559N		VS552	11592N	
5	3/16	VS539	11637N		-	-	-	-	-	-
6	1/4	VS540	11716N		VS547	11748N		VS553	11781N	
8	5/16	VS541	11904		VS548	11936		VS554	11969	
10	3/8	VS542	12019		VS549	12051		VS555	12084	
12	1/2	TB6829	12131		-	-	-	-	-	-
12	1/2	VS543	12134		VS550	12166		VS556	12199	
14	5/8	VS544	12248		-	-	-	-	-	-

TAPER FILES – REGULAR

- Triangular shape
- Edges set and cut for filing gullets between saw teeth
- Tapers slightly towards the point



Model No.	Mfg. No.	Length"	Price /Each
VS576	13807M	6	
VS578	13875M	8	
VS579	13930N	10	

TAPER FILES – SLIM

- Triangular shape
- Edges set and cut for filing gullets between saw teeth



Model No.	Mfg. No.	Length"	Price /Each
VS582	14162M	5	
VS583	14224M	6	
VS584	14255M	7	
VS585	14290M	8	
VS586	14341N	10	

TAPER FILES – EXTRA SLIM

- Triangular shape
- Edges set and cut for filing gullets between saw teeth



Model No.	Mfg. No.	Length"	Price /Each
VS587	14547M	4	
VS589	14599M	5	
VS590	14665M	6	
VS591	14698N	7	
VS592	14729N	8	

Nicholson®

THREE SQUARE FILES

- For general use by machinists for filing internal angles more acute than right angles, clearing out square corners and filing taps and gutters
- Triangular shape
- Double-cut
- Sharp corners are slightly set and cut
- Cut to the point



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
6	TBG845	15925N		WK741	15958N		QH788	15991N	
8	TBG846	16036N		TBG847	16069N		QF613	16102N	
10	TBG848	16147N		TBG849	16180N		TBG850	16213N	

WARDING FILES

- Used primarily by locksmiths in repairing and filing ward notches in keys
- Thin rectangular shape
- Double-cut on sides, single-cut on edges
- Also suited for use in narrow spaces where other files will not fit



Nicholson®

Length"	Bastard Cut			Second Cut			Smooth Cut		
	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
4	VS827	16507N		VS831	16540N		VS835	16573N	
6	VS828	16663N		VS832	16696N		VS836	16729N	
8	VS829	16761N		VS833	16794N		VS837	16827N	

CABINET RASPS

- Used by cabinetmakers and woodworkers
- Half-round
- Single-cut on edges
- Curved side of rasps similar to half-round rasps but has larger radius



Nicholson®

Regular (Second cut)				Length"	Price /Each
Model No.	Mfg. No.				
VS599	17615N			8	
VS600	17683N			10	
VS601	17751N			12	

PATTERN MAKER'S CABINET RASPS

- Used primarily by cabinetmakers
- Half-round shape
- Narrow pattern, cut edges
- Used when smooth wood finish is required



Nicholson®

Model No.	Mfg. No.	Length"	Code No.	Type	Price /Each
VS602	18846N	10	49	Second cut	
VS603	18861N	10	50	Smooth cut	

WOOD RASPS – ROUND BASTARD

- Used for same purpose as regular wood rasps in places for which their shapes make them particularly effective
- Round shape
- Bastard-cut
- Made from same size steel as round files

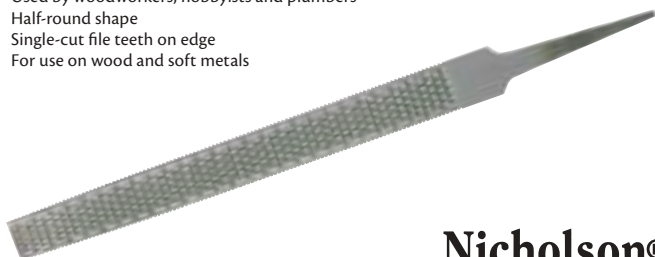


Nicholson®

Model No.	Mfg. No.	Length"	Diameter"	Price/Each
TBG875	19846	8	5/16	
TBG876	19875	10	3/8	

WOOD RASPS – HALF ROUND

- Used by woodworkers, hobbyists and plumbers
- Half-round shape
- Single-cut file teeth on edge
- For use on wood and soft metals



Nicholson®

Bastard cut			
Model No.	Mfg. No.	Length"	Price /Each
TBG870	19394N	8	
UQ089	19427N	10	
TBG871	19460N	12	
TBG872	19493N	14	

GET CLEAN

Industrial handsoap with scrubbing particles for stubborn grease and grime

TRY SOME TODAY!

Model JG223
See page 331

Produits D'Entretien

RMP

Maintenance Products



7-PC. MACHINIST FILE SET

- General purpose file kit for machine shop
- 10"/250 mm flat bastard file
- 10"/250 mm flat smooth file
- 10"/250 mm half-round bastard file
- 10"/250 mm mill bastard file
- 10"/250 mm round bastard file
- 10"/250 mm square bastard file
- 7"/175 mm slim taper file

Model No. TBG943

Mfg. No. 22024NN

Price/Each \$



Nicholson®

8-PC. MACHINIST FILE SET

- 10"/250 mm mill bastard file
- 10"/250 mm half-round bastard file
- 10"/250 mm flat bastard file
- 10"/250 mm flat smooth file
- 10"/250 mm square bastard file
- 10"/250 mm round bastard file
- 7"/175 mm slim taper file
- 10"/250 mm file cleaner (card)
- Complete set of 7 files and file cleaner (card) fits easily and securely into a rugged, compact pouch

Model No. QH790

Mfg. No. 22025NN

Price/Each \$



Nicholson®

6-PC. AMERICAN PATTERN FILE SET

- 4"/100 mm Warding file
- 4"/100 mm Half-Round file
- 4"/100 mm Round file,
- 4"/100 mm Hand file,
- 4"/100 mm Square file
- 4"/100 mm Slim taper file,
- All files come with handles and packed in a plastic pouch

Model No. TBG947

Mfg. No. 22062NN

Price/Each \$

Nicholson®



5-PC. GENERAL PURPOSE SET

- General purpose file kit for home and professional use
- 10"/250 mm half-round bastard file
- 10"/250 mm mill bastard file
- 8"/200 mm mill bastard file
- 8"/200 mm mill smooth file
- Set of 5 files fits easily and securely into rugged, compact pouch

Model No. TBG946

Mfg. No. 22040NN

Price/Each \$

Nicholson®



3-PC. ERGONOMIC FILE SET

- Rubber-coated ergonomic handles for better comfort and control
- Basic selection for home and professional use
- 6"/150 mm mill bastard file
- 6"/150 mm half-round bastard file
- 6"/150 mm round bastard file

Model No. TBH216

Mfg. No. 22015HNN

Price/Each \$

Nicholson®



5-PC. ERGONOMIC FILE SET

- Rubber-coated ergonomic handles for better comfort and control
- General purpose selection for home and professional use
- 6"/150 mm slim taper file
- 8"/200 mm flat bastard file
- 8"/200 mm mill bastard file
- 10"/250 mm mill bastard file
- 10"/250 mm half-round bastard file

Model No. TBH218

Mfg. No. 22040HNN

Price/Each \$

Nicholson®



9-PC. ERGONOMIC FILE SET

- Rubber-coated ergonomic handles for better comfort and control
- Broad selection for home and professional use
- 6"/150 mm XXslim taper file
- 6"/150 mm slim taper file
- 8"/200 mm half-round bastard file
- 8"/200 mm flat bastard file
- 10"/250 mm round bastard file
- 10"/250 mm half-round bastard file
- 10"/250 mm mill bastard file
- 10"/250 mm flat bastard file
- 12"/300 mm mill bastard file

Model No. TBH217

Mfg. No. 22030HNN

Price/Each \$

Nicholson®



3-FILE PACK

- For home and professional use
- Pack contains files for every purpose
- 6"/150 mm slim taper file
- 6"/150 mm round file
- 6"/150 mm mill bastard file
- Plastic pouch lists suggested uses for each file
- Pack measures 3 1/2" (88 mm) x 9 1/2" (237 mm) with hang up hole

Model No. TBG941

Mfg. No. 22015NN

Price/Each \$

Nicholson®



9-PC. MAINTENANCE FILE SET

- For home and professional use
- 10"/250 mm flat bastard file
- 10"/250 mm flat smooth file
- 10"/250 mm mill bastard file
- 10"/250 mm half-round bastard file
- 10"/250 mm round bastard file
- 8"/200 mm flat smooth file
- 8"/200 mm half-round bastard file
- 8"/200 mm four-in-hand file
- 6"/150 mm slim taper file
- Complete set of 9 files fits easily and securely into rugged, compact pouch

Model No. TBG944

Mfg. No. 22030NN

Price/Each \$



Nicholson®

HAND TOOLS & ACCESSORIES

SCREW-ON HANDLES – PLASTIC

- Screw-on design fits most popular files for professional or home handymen
- Handle made of strong high-impact material, contoured to fit hand for straight, lathe and draw filing
- Non-slip textured finish for easier grip



Nicholson®

SELECTION CHART

Item	Size -	4"	5"	6"	8"	10"	12"	14"	16"
Mill	PH3	-	PH4	PH5	PH5	PH6	PH7	PH8	
Flat	PH3	-	PH4	PH5	PH5	PH6	PH7	PH8	
Hand	PH3	-	PH4	PH5	PH6	PH7	PH8	-	
Half Round	PH3	-	PH4	PH5	PH6	PH7	PH8	PH8	
Warding	PH3	-	PH4	PH4	PH5	-	-	-	
Knife	PH3	-	PH4	PH5	PH5	PH6	-	-	
Round	PH1	PH2	PH3	PH4	PH4	PH5	PH7	PH7	
Square	PH1	PH2	PH3	PH4	PH4	PH5	PH6	-	
Triangular	PH1	PH2	PH3	PH4	PH5	PH6	PH7	-	
Cantsaw	-	-	PH4	PH5	PH6	-	-	-	
Crosscut	-	-	-	PH5	PH6	-	-	-	
Tanged Horse Rasp	-	-	-	-	-	PH8	PH8	-	
Platers Special	-	-	-	-	-	-	PH8	-	

Model No.	Mfg. No.	Handle No.	Price /Each
VS792	21484	PH1	
VS793	21493	PH2	
VS794	21502	PH3	
VS795	21512	PH4	

Model No.	Mfg. No.	Handle No.	Price /Each
VS796	21513	PH5	
VS797	21514	PH6	
VS798	21515	PH7	
VS799	21516	PH8	

THREAD RESTORING FILES

- Used to restore damaged or worn external threads on bolts, pipes, etc.
- Each thread restoring file will work with 8 different thread sizes
- Available in 3 sizes and in a convenient 4-piece set
- Caps are colour coded
- Files are made in U.S.A.



Nicholson®

Model No.	Mfg. No.	Description	Price /Each
TBG955	33001	Regular Bolt; 11-12, 13-14, 16-18, 20-24 TPI	
TBG956	33007	Ex. Fine/Ex. Coarse Bolt; 9-10, 12-16, 20-27, 28-32 TPI	
TBG958	33016	Metric Bolt: 0.80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 mm	
QG251	33024	Set of 4: 1 each of above and a #7 file, in pouch	

ASSORTED MINIATURE FILES

- Length: 5 1/2"
- Selection of 6 miniature files with fine cut for intricate work
- 1 each of equaling, half round, flat, round, three square, square files
- Handy vinyl pouch included
- Ideal for handicrafts and hobbies
- Ideal for use on wood, metal and plastic

Model No. TBH175
Mfg. No. 42030
Price/Each \$



Nicholson®

METAL FERRULED WOODEN HANDLES

- Made from close grain hardwood with nickel-plated metal ferrules
- Wax finish



Nicholson®

SELECTION CHART

Item	Size -	4"	5"	6"	7"	8"	9"	10"
Taper		4	3	3	3	2	1	1
Slim		4	4	4	4	3	-	2
X Slim		4	4	4	4	4	-	-
XX Slim		-	4	4	4	4	-	-

Item	Size -	8 x 3/16"	8 x 7/32"	8 x 1/4"	8 x 5/16"	8 x 3/8"
Chainsaw		4	4	4	4	3

Item	Size -	4"	6"	8"	10"	12"	14"
Mill		3	2	2	0	0	00
Flat		3	2	2	0	0	00
Hand		3	2	1	1	0	-
Half Round		4	3	2	1	00	000
Warding		3	3	2	1	-	-
Knife		3	2	2	1	0	-
Round		4	4	3	3	1	0
Square		4	4	3	2	1	0
Cantsaw		-	3	2	1	-	-
Crosscut		-	-	1	0	-	-
Tanged Horse Rasp		-	-	-	-	000	000
Platers Special		-	-	-	-	-	000

Model No.	Mfg. No.	Handle No.	Size"	Price/Each
TBG897	21470N	000	5 3/4 x 1 5/8	
VS786	21471N	00	5 3/4 x 1 5/8	
VS788	21485N	1	4 7/8 x 1 5/16	
TBG902*	21526N	1	4 7/8 x 1 5/16	
VS789	21494N	2	4 1/2 x 1 3/16	
TBG901*	21524N	2	4 1/2 x 1 3/16	
VS790	21503N	3	4 1/8 x 1 1/16	
TBG900*	21522N	3	4 1/8 x 1 1/16	
VS791	21511N	4	3 3/4 x 1 5/16	
TBG899*	21520N	4	3 3/4 x 1 5/16	

*Carded

FILE CLEANERS

- Available in two styles – file card for general cleaning of file teeth and file card/brush especially for use on finer cut files



Nicholson®

Model No.	Mfg. No.	Length"	Description	Price /Each
QG064	21458	10	File Card	
YA162	21467	10	File Card and Brush	

HOOK & PICK SETS

- 5" aluminum handle, knurled for a sure grip
- Four heat-treated, high carbon steel picks: "O"-ring pick, 90°, straight and hook
- Pick are used to pull "O"-rings, seals, cotter pins, and brushes more quickly and easily

Model No. TGZ798
Mfg. No. 3121
Price/Each \$



GEARWRENCH

OFFICE
PRODUCTS

INSTRUMENTS,
SCALES &
ELECTRICAL

SHIPPING &
PACKAGING

TOOLS &
EQUIPMENT

WELDING &
METALWORKING

SAFETY
EQUIPMENT
& SUPPLIES

JANITORIAL &
MAINTENANCE

MATERIAL
HANDLING &
STORAGE

1315

NOGA BURRS

LIZA BURR

- Designed for use with either fine blades, or heavy-duty deburring blades
- Telescoping arm for blades
- Fine blades reach from 20 to 94 mm
- Heavy-duty blades reach from 20 to 110 mm
- Blades can be stored in the universal handle

Model No. QF794

Mfg. No. LB1000

Price/Each \$



RAPID BURR

- Will accept all "S" (E) series blades which are replaced by pulling sleeve back into handle and taking blade out

Model No. QC778

Mfg. No. RB1000

Price/Each \$



NOGA BURR 3

- Will do almost all of your deburring jobs
- Includes: NG-1 handle, S10, S20 and S35 blades

Model No. QG273

Mfg. No. NG1003

Price/Each \$



SUPER BURR

- Includes: NG-3 handle, S holder, S100, S20 and S30 blades

Model No. BB532

Mfg. No. NG3003

Price/Each \$



TELE BURR

- Includes: NG-3 handle, N holder (telescopes from 25 mm to 115 mm), N1 and N2 blades

Model No. TLV236

Mfg. No. NG3002

Price/Each \$



ROTODRIVE

- The quickest way to chamfer by hand
- Single flute countersink provides a smoother cut
- Includes: NG-1 handle and RD10.4 RotoDrive countersink

Model No. TLV239

Mfg. No. NG1200

Price/Each \$



CONVEXED CERA-CUT

- Ideal for all plastic materials and soft metals
- Ideal for surface scraping and parting line deflashing
- Blade can be replaced
- Includes: Cera-Cut handle and 250 mm convexed radius blade

Model No. TLV238

Mfg. No. CR2000

Price/Each \$



BRONZE UNIKIT



- Most economical deburring kit for all machinists
- Includes: Noga Grip 3 handle, N holder, S holder, C holder and C20

Model No. TLV250

Mfg. No. NG9200

Price/Each \$

LIGHT-DUTY DEBURRING BLADES



QH871



TLV242



TLV243

Model No.	Description	Applications	Price /Each
QH871	Blades N1	Steel, Aluminum, Plastic	
TLV240	Blades N1 Tin	Abrasive Material	
QC788	Blades N2	Brass and Cast Iron	
TLV241	Blades N2 Tin	Stainless Steel	
TLV242	Blades N10 Cobalt	Plastic and Hard Materials	
TLV243	Blades N3	Interior and Exterior Burrs	
TLV244	Blades N6	Cross Holes in Difficult to Reach Places	

HEAVY-DUTY DEBURRING BLADES



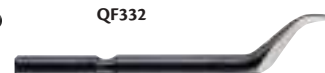
QF501



QF332



QF903



TLV249

Model No.	Description	Applications	Price /Each
QF501	Blades S10	Steel, Aluminum, Plastic	
TLV245	Blades S10 Tin	Abrasive Material	
QF903	Blades S20	Brass and Cast Iron	
TLV247	Blades S20 Tin	Stainless Steel	
QF332	Blades S30	Interior and Exterior Burrs	
QF903	Blades S35	Straight Edges on Most Material	
TLV248	Blades S60	Cross Holes in Difficult to Reach Places	
BB413	Blades S100 Cobalt	Plastic and Hard Materials	
QH870	Blades S101	Fine Edges on All Materials	
TLV249	Blades S150	Holes as Small as 1.5 mm Dia.	
BB376	Blades S202	Brass and Cast Iron Fine Edges	

360-PC. ULTIMATE TOOL SET WITH STEEL CHEST & CART

Model No. TYO941
Price/Each \$

SET INCLUDES:

aurora tools®



Model No.	Description	Model No.	Description
TEP324	ATB400 Tool chest, 6 drawers	TJZ078	Slip joint plier, 6"
TEP325	ATB400 Tool cart, 14 drawers	TJZ079	Groove joint plier, 8"
AC509	Grease fitting set	TJZ080	Groove joint plier, 10"
AD084	Grease gun	TJZ082	Diagonal cutting plier, 5"
PE406	Replacement blades	TJZ083	Diagonal cutting plier, 6"
PE812	Utility knife	TJZ084	Diagonal cutting plier, 7"
THZ769	Caliper	TJZ085	Long nose cutting plier, 5"
IA388	Micrometer	TJZ086	Long nose cutting plier, 6"
TJZ801	Measuring tape, 1" W x 25' L in/ft	TJZ087	Long nose cutting plier, 8"
TJZ802	Measuring tape, 1" W x 25' L in/cm	TJZ088	Linesman plier, 7"
TJZ030	Hacksaw	TJZ089	Linesman plier, 8"
TJZ033	Hammer, 16 oz.	TJZ090	Locking plier, 4"
TJZ034	Hammer, 22 oz.	TJZ091	Locking plier, 5"
TJZ035	Dead blow hammer, 8 oz.	TJZ092	Locking plier, 7"
TJZ036	Dead blow hammer, 16 oz.	TJZ093	Locking plier, 10"
TJZ037	Dead blow hammer, 24 oz.	TJZ094	Long nose plier, 4"
TJZ038	Dead blow hammer, 32 oz.	TJZ095	Long nose plier, 6"
TJZ039	Ball pein hammer, 8 oz.	TJZ096	Locking plier, c-clamp, 6"
TJZ040	Ball pein hammer, 16 oz.	TJZ097	Locking plier, c-clamp, 11"
TJZ041	Ball pein hammer, 24 oz.	TJZ099	Locking plier, sheet metal, 8"
TJZ042	Ball pein hammer, 32 oz.	TJZ100	Adjustable wrench, 6"
TJZ043	Rubber mallet, 16 oz.	TJZ101	Adjustable wrench, 8"
TJZ044	Rubber mallet, 32 oz.	TJZ102	Adjustable wrench, 10"
TJZ047	Action bar	TJZ103	Adjustable wrench, 12"
TJZ048	Wrecking bar, 18"	TJZ104	Adjustable wrench, 15"
TJZ049	wrecking bar, 24"	TJZ105	Adjustable wrench, 18"
TJZ057	1/8" Slot screwdriver, 3"	TJZ108	Pipe wrench, 12"
TJZ058	3/16" Slot screwdriver, 4"	TJZ110	Pipe wrench, 18"
TJZ059	3/16" Slot screwdriver, 6"	TLV055	Combination wrench set, S.A.E.
TJZ060	1/4" Slot stubby screwdriver, 1 1/2"	TLV056	Combination wrench set, metric
TJZ061	1/4" Slot screwdriver, 4"	TJZ112	Bolt cutters
TJZ062	1/4" Slot screwdriver, 5"	TLV361	Socket set, S.A.E./metric
TJZ063	1/4" Slot screwdriver, 6"	TLZ420	Chisel set
TJZ064	5/16" Slot screwdriver, 6"	TLZ421	Pin punch set
TJZ065	3/8" Slot screwdriver, 8"	TLZ422	Drift punch set
TJZ066	#0 Phillips screwdriver, 2 1/2"	TLZ423	Centre punch set
TJZ067	#1 Phillips screwdriver, 3 1/4"	TNB733	Hex key set, S.A.E.
TJZ068	#2 Phillips screwdriver, 4"	TNB734	Hex key set, metric
TJZ069	#2 Phillips stubby screwdriver, 1 1/2"	TYB504	C-clamp, 4"
TJZ070	#3 Phillips screwdriver, 6"	TYB506	C-clamp, 8"
TJZ071	#0 Square screwdriver, 4"	TYB508	C-clamp 12"
TJZ072	#1 Square screwdriver, 4"	XC488	Extension cord
TJZ073	#2 Square screwdriver, 6"	XE887	Headlamp
TJZ074	#3 Square screwdriver, 6"	XE889	Flashlight
TJZ075	#1 Square stubby screwdriver, 1 1/2"		
TJZ076	#2 Square stubby screwdriver, 1 1/2"		
TJZ077	#3 Square stubby screwdriver, 1 1/2"		



56-PC. DELUXE TOOL SET WITH PLASTIC TOOL BOX

Model No. TYP012
Price/Each \$

SET INCLUDES:

aurora tools®

Model No.	Description	Model No.	Description
TLV085	Tool box	TJZ102	Adjustable wrench, 10"
PE549	Utility knife	TJZ801	Measuring tape, 1" W x 25' L in/ft
TJZ030	Hacksaw	TJZ058	3/16" Slot screwdriver, 4"
TJZ033	Hammer, 16 oz.	TJZ060	1/4" Stubby slot screwdriver, 1 1/2"
TJZ043	Rubber mallet, 16 oz.	TJZ063	1/4" slot screwdriver, 6"
TJZ054	Hex key set, S.A.E.	TJZ067	#1 Phillips screwdriver, 3 1/4"
TJZ079	Groove joint pliers, 8"	TJZ070	#3 Phillips screwdriver, 6"
TJZ078	Slip joint pliers, 6"	TJZ072	#1 Square screwdriver, 4"
TJZ083	Diagonal cutting pliers, 5"	TJZ074	#3 Square screwdriver, 6"
TJZ086	Long nose pliers, 6"	TLV055	S.A.E Combo wrench set
TJZ088	Linesman pliers, 7"	TJZ036	Dead blow hammer, 16 oz.
TJZ092	Locking pliers, 7"	TJZ040	Ball pein hammer, 16 oz.
TJZ095	Long nose locking pliers, 6"	PF205	Replacement blades



TOOL SETS

238-PC. MASTER TOOL SETS WITH STEEL CHEST & CART

Model No. TLV423

Price/Each \$

SET INCLUDES:

Model No.	Description	Model No.	Description
TEP314	ATB300 Tool Chest, 6 Drawer, 26" x 18" x 19"	TJZ097	Locking plier, C-Clamps w/ Swivel Pads, 11" L
TEP315	ATB300 Tool cart, 7 Drawer, 27" x 18" x 35 1/2"	TJZ100	Wrench, Adjustable, 6", w/ Composite grip
TJZ057	Screwdriver, Slot cabinet, 1/8" Tip, 3" Shank	TJZ101	Wrench, Adjustable, 8", w/ Composite grip
TJZ058	Screwdriver, Slot cabinet, 3/16" Tip, 4" Shank	TJZ102	Wrench, Adjustable, 10", w/ Composite grip
TJZ059	Screwdriver, Slot cabinet, 3/16" Tip, 6" Shank	TJZ103	Wrench, Adjustable, 12", w/ Composite grip
TJZ060	Screwdriver, Slot mechanics, 1/4" Tip, 1 1/2 Stubby shank	TJZ104	Wrench, Adjustable, 15"
TJZ061	Screwdriver, Slot mechanics, 1/4" Tip, 4" Shank	TJZ105	Wrench, Adjustable, 18"
TJZ062	Screwdriver, Slot mechanics, 1/4" Tip, 5" Shank	TJZ108	Wrench, Straight pipe, 12", 2" Pipe capacity
TJZ063	Screwdriver, Slot mechanics, 1/4" Tip, 6" Shank	TLV055	Aurora 14-Pc. S.A.E. Wrench set with pouch
TJZ064	Screwdriver, Slot mechanics, 5/16" Tip, 6" Shank	TLV056	Aurora 14-Pc. Metric Wrench set with pouch
TJZ065	Screwdriver, Slot mechanics, 3/8" Tip, 8" Shank	TLV356	Socket set, 22-Pc., 1/4" Drive S.A.E.
TJZ066	Screwdriver, Phillips, #0 Tip, 2 1/2" Shank	TLV357	Socket set, 20-Pc., 3/8" Drive S.A.E.
TJZ067	Screwdriver, Phillips, #1 Tip, 3 1/4" Shank	TLV358	Socket set, 24-Pc., 3/8" Drive Metric
TJZ068	Screwdriver, Phillips, #2 Tip, 4" Shank	TLV359	Socket Set, 29-Pc., 1/2" Drive S.A.E./Metric
TJZ069	Screwdriver, Phillips, #2 Tip, 1 1/2" Stubby shank	TLZ420	Cold chisel set, 6-Pc.
TJZ070	Screwdriver, Phillips, #3 Tip, 6" Shank	TLZ421	Pin punch set, 7-Pc.
TJZ071	Screwdriver, Square, #0 Tip, 4" Shank	TLZ422	Draft Punch set, 7-Pc.
TJZ072	Screwdriver, Square, #1 Tip, 4" Shank	TLZ423	Centre punch set, 5-Pc.
TJZ073	Screwdriver, Square, #2 Tip, 6" Shank	TYW991	Hacksaw frame, Standard, Adjustable 10" to 12"
TJZ074	Screwdriver, Square, #3 Tip, 6" Shank	TJZ047	Action bar, 1 3/8" x 1/4" x 13 1/2"
TJZ075	Screwdriver, Square, #1 Tip, 1 1/2" Stubby shank	PE812	Utility knife, H-D, w/ Auto Reload, Snap-off blades
TJZ076	Screwdriver, Square, #2 Tip, 1 1/2" Stubby shank	TJZ033	Hammer, Hickory handle, 16-oz., Claw
TJZ077	Screwdriver, Square, #3 Tip, 1 1/2" Stubby shank	TJZ034	Hammer, Hickory handle, 22-oz., Framing
TJZ078	Plier, Slip joint, 6" L	TJZ035	Hammer, Dead blow, 8-oz.
TJZ079	Plier, Groove joint, 8" L	TJZ036	Hammer, Dead blow, 16-oz.
TJZ080	Plier, Groove joint, 10" L	TJZ037	Hammer, Dead blow, 24-oz.
TJZ082	Plier, Diagonal cutting, 5" L	TJZ038	Hammer, Dead blow, 32-oz.
TJZ083	Plier, Diagonal cutting, 6" L	TJZ039	Hammer, Ball Peen, 8-oz.
TJZ084	Plier, Diagonal cutting, 7" L	TJZ040	Hammer, Ball Peen, 16-oz.
TJZ085	Plier, Long nose cutting, 5" L	TJZ041	Hammer, Ball Peen, 24-oz.
TJZ086	Plier, Long nose cutting, 6" L	TJZ042	Hammer, Ball Peen, 32-oz.
TJZ087	Plier, Long nose cutting, 8" L	TJZ043	Mallet, 16-oz., Black
TJZ088	Plier, Linesman cutting, 7" L	TJZ044	Mallet, 32-oz., Black
TJZ089	Plier, Linesman cutting, 8" L	TNB731	Hex keys, S.A.E. Short arm, 13 Keys, 0.050" - 3/8"
TJZ090	Locking plier, Curved jaw w/ wire cutter, 4" L	TNB732	Hex keys, Metric Short arm, 9 Keys
TJZ091	Locking plier, Curved jaw w/ wire cutter, 5" L	TJZ801	Measuring tape, HD, 1" W x 25' L, in/ft, Composite grip
TJZ092	Locking plier, Curved jaw w/ wire cutter, 7" L	TJZ802	Measuring tape, HD, 1" W x 25' L, in/cm, Composite grip
TJZ093	Locking plier, Curved jaw w/ wire cutter, 10" L		
TJZ094	Locking plier, Long nose w/ wire cutter, 4" L		
TJZ095	Locking plier, Long nose w/ wire cutter, 6" L	TJZ861	Digital Caliper, Stainless steel, 8"
TJZ096	Locking plier, C-Clamps w/ Swivel Pads, 6" L	AD084	Mini grease gun, Push type, 80CC



17-PC. BASIC TOOL SETS

Model No. TLV075

Price/Each \$

SET INCLUDES:

Model No.	Description
TJZ062	1/4" Slot screwdriver
TJZ068	#2 Phillips screwdriver
TJZ073	#2 Square screwdriver
TJZ033	Hammer, 16-oz. claw
TJZ079	Groove joint pliers
TJZ083	Diagonal cutting pliers
TJZ086	Long nose pliers
TJZ092	Locking pliers
TJZ095	Long nose Locking pliers
TJZ117	Measuring tape
TLV083	Tool box
PE549	Utility knife
TJZ102	Adjustable combo Wrench
TJZ060	1/4" Stubby Slot screwdriver
TJZ069	#2 Stubby Phillips screwdriver
TJZ076	#2 Stubby Square screwdriver
TJZ075	#1 Stubby Square screwdriver



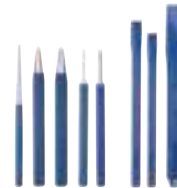
70-PC. STARTER TOOL SETS WITH STEEL CHEST

Model No. TLV421
Price/Each \$

SET INCLUDES:

Model No.	Description
TEP312	ATB300 Tool Chest, 4 Drawer, 26" x 12" x 14 1/2"
TJZ040	Hammer, Ball Peen, 16-oz.
TJZ036	Hammer, Dead blow, 16-oz.
TJZ033	Hammer, Hickory handle, 16-oz., Claw
TJZ078	Plier, Slip joint, Black nickel finish, 6" L
TJZ079	Plier, Groove joint, 8" L
TJZ084	Plier, Diagonal cutting, 7" L
TJZ086	Plier, Long nose, Cutting, 6" L
TJZ088	Plier, Linesman cutting, 7" L
TJZ092	Locking plier, Curved jaw w/ wire cutter, 7" L
TLZ417	Centre punch, 5/32" x 5" L
TLZ418	Centre punch, 1/4" x 6" L
TLZ403	Pin punch, 1/8" x 4 3/4" L
TLZ405	Pin punch 3/16" x 5 1/4" L
TLZ397	Cold chisel, 3/8" x 5 1/2" L
TLZ398	Cold chisel, 1/2" x 6" L
TLZ400	Cold chisel, 3/4" x 7" L
TLZ412	Drift punch 1/4" x 12" L
TJZ072	Screwdriver, Square, #1 Tip, 4" Shank
TJZ073	Screwdriver, Square, #2 Tip, 6" Shank
TJZ067	Screwdriver, Phillips, #1 Tip, 3 1/4" Shank
TJZ068	Screwdriver, Phillips, #2 Tip, 4" Shank
TJZ057	Screwdriver, Slot cabinet, 1/8" Tip, 3" Shank
TJZ061	Screwdriver, Slot mechanics, 1/4" Tip, 4" Shank
TJZ064	Screwdriver, Slot mechanics, 5/16" Tip, 6" Shank
TJZ101	Wrench, Adjustable, 8", Composite grip
TJZ103	Wrench, Adjustable, 12", Composite grip
TNB733	Hex keys, S.A.E., Composite grip fold-up, 9 Keys
TLV055	Aurora 14-Pc. S.A.E. Wrench Set with pouch
TLV357	Socket set, 20-Pc., 3/8" Drive S.A.E.

aurora tools



118-PC. PROFESSIONAL TOOL SETS

Model No. TLZ460
Price/Each \$

aurora tools

SET INCLUDES:

Model No.	Description
PE812	Utility knife
TYW991	Hacksaw
TJZ033	Hammer
TJZ041	Pein Hammer
TJZ047	Action bar
TJZ078	Split joint pliers
TJZ080	Groove joint pliers
TJZ084	Diagonal cutting pliers
TJZ087	Long nose pliers
TJZ089	Linesman pliers
TJZ093	Locking pliers
TJZ095	Long nose Locking pliers
TJZ102	Adjustable Wrench
TLV086	Tool box
TJZ801	Measuring tape
TLV053	S.A.E. combo Wrench set
TLV054	Metric Wrench set
TLV357	20-Pc. S.A.E. socket set
TLV358	20-Pc. metric socket set
TJZ861	Caliper
TNB731	S.A.E. hex key set
TNB732	Metric hex key set
TJZ057	1/8" Slot screwdriver
TJZ058	3/16" Slot screwdriver
TJZ060	1/4" Stubby Slot screwdriver
TJZ061	1/4" Slot screwdriver
TJZ064	5/16" Slot screwdriver
TJZ065	3/8" Slot screwdriver
TJZ066	#0 Phillips screwdriver
TJZ067	#1 Phillips screwdriver
TJZ068	#2 Phillips screwdriver
TJZ069	#2 Stubby Phillips screwdriver
TJZ070	#3 Phillips screwdriver
TJZ071	#0 Square screwdriver
TJZ072	#1 Square screwdriver
TJZ073	#2 Square screwdriver
TJZ074	#3 Square screwdriver
TJZ076	#2 Stubby Square screwdriver
SA0052	Work gloves
SAP877	Glasses



TOOL SETS

86-PC. TRADESMAN TOOL SETS

Model No. TLV076
Price/Each \$

aurora tools®

SET INCLUDES:

Model No.	Description
PE812	Utility knife
TYW991	Hacksaw
TJZ033	Hammer, 16-oz. claw
TJZ036	Dead blow Hammer
TNB731	Hex keys, S.A.E.
TNB732	Hex keys, metric
TJZ078	Split joint pliers
TJZ080	Groove joint pliers
TJZ084	Diagonal cutting pliers
TJZ087	Long nose pliers
TJZ089	Linesman pliers
TJZ093	Locking pliers
TJZ095	Long nose Locking pliers
TJZ102	Adjustable combo Wrench
TJZ801	Measuring tape
TJZ057	1/8" Slot screwdriver
TJZ058	3/16" Slot screwdriver
TJZ060	1/4" Stubby Slot screwdriver
TJZ061	1/4" Slot screwdriver
TJZ064	5/16" Slot screwdriver
TJZ065	3/8" Slot screwdriver
TJZ066	#0 Phillips screwdriver
TJZ067	#1 Phillips screwdriver
TJZ068	#2 Phillips screwdriver
TJZ069	#2 Stubby Phillips screwdriver
TJZ070	#3 Phillips screwdriver
TJZ071	#0 Square screwdriver
TJZ072	#1 Square screwdriver
TJZ073	#2 Square screwdriver
TJZ074	#3 Square screwdriver
TJZ076	#2 Stubby Square screwdriver
TLV053	11-Pc. S.A.E. Wrench set
TLV357	20-Pc. 3/8" S.A.E. socket set
SA0052	Gloves
SAP877	Glasses
TJZ047	Action bar
TLV086	Tool box



40-PC. MAINTENANCE TOOL SETS

Model No. TLZ459
Price/Each \$

aurora tools®

SET INCLUDES:

Model No.	Description
PE549	Utility knife
TYW991	Hacksaw
TJZ033	Hammer
TJZ043	Rubber mallet
TNB733	Hex key set
TJZ080	Groove joint pliers
TJZ083	Diagonal cutting pliers
TJZ086	Long nose cutting pliers
TJZ092	Curved jaw Locking pliers
TJZ095	Long nose Locking pliers
TJZ102	Adjustable Wrench
TJZ117	Measuring tape
TLV083	Tool box
TJZ057	1/8" Slot screwdriver
TJZ061	1/4" Slot screwdriver
TJZ064	5/16" Slot screwdriver
TJZ067	#1 Phillips screwdriver
TJZ068	#2 Phillips screwdriver
TJZ072	#1 Square screwdriver
TJZ073	#2 Square screwdriver
TLV053	S.A.E. combo Wrench set
SM575	Work gloves



112-PC. INTERMEDIATE TOOL SETS WITH STEEL CHEST

Model No. TLV422
Price/Each \$



aurora tools®



SET INCLUDES:

Model No.	Description
TJP315	ATB300 Tool cart, 7 Drawer, 27" x 18" x 35 1/2"
TJZ057	Screwdriver, Slot cabinet, 1/8" Tip, 3" Shank
TJZ058	Screwdriver, Slot cabinet, 3/16" Tip, 4" Shank
TJZ060	Screwdriver, Slot mechanics, 1/4" Tip, 1 1/2" Stubby shank
TJZ061	Screwdriver, Slot mechanics, 1/4" Tip, 4" Shank
TJZ064	Screwdriver, Slot mechanics, 5/16" Tip, 6" Shank
TJZ065	Screwdriver, Slot mechanics, 3/8" Tip, 8" Shank
TJZ066	Screwdriver, Phillips, #0 Tip, 2 1/2" Shank
TJZ067	Screwdriver, Phillips, #1 Tip, 3 1/4" Shank
TJZ068	Screwdriver, Phillips, #2 Tip, 4" Shank
TJZ069	Screwdriver, Phillips, #2 Tip, 1 1/2" Stubby shank
TJZ070	Screwdriver, Phillips, #3 Tip, 6" Shank
TJZ071	Screwdriver, Square, #0 Tip, 4" Shank
TJZ072	Screwdriver, Square, #1 Tip, 4" Shank
TJZ073	Screwdriver, Square, #2 Tip, 6" Shank
TJZ074	Screwdriver, Square, #3 Tip, 8" Shank
TJZ078	Plier, Slip joint, 6" L
TJZ076	Screwdriver, Square, #2 Tip, 1 1/2" Stubby shank

Model No.	Description
TJZ079	Plier, Groove joint, 8" L
TJZ082	Plier, Diagonal cutting, 5" L
TJZ084	Plier, Diagonal cutting, 7" L
TJZ085	Plier, Long nose cutting, 5" L
TJZ087	Plier, Long nose cutting, 8" L
TJZ089	Plier, Linesman Cutting, 8" L
TJZ091	Locking plier, Curved jaw w/ wire cutter, 5" L
TJZ093	Locking plier, Curved jaw w/ wire cutter, 10" L
TJZ095	Locking plier, Long nose w/ wire cutter, 6" L
TJZ097	Locking plier, C-Clamps w/ Swivel Pads, 11" L
TJZ100	Wrench, Adjustable, 6", w/ Composite grip
TJZ103	Wrench, Adjustable, 12", w/ Composite grip
TLV053	Aurora 11-Pc. S.A.E. Wrench Set with pouch
TLV054	Aurora 11-Pc. Metric Wrench Set with pouch
TLV360	Socket Set, 41-Pc., 1/4" & 3/8" Drive S.A.E./Metric
TLZ396	Cold chisel, 5/16" x 5" L
TLZ398	Cold chisel, 1/2" x 6" L

Model No.	Description
TLZ400	Cold chisel, 3/4" x 7" L
TLZ417	Centre punch, 5/32" x 5" L
TLZ415	Centre punch, 5/64" x 3 1/2" L
TLZ419	Centre punch, 3/8" x 6 1/4" L
TLZ402	Pin punch, 3/32" x 4 1/2" L
TLZ405	Pin punch, 3/16" x 5 1/4" L
TLZ403	Pin punch, 1/8" x 4 3/4" L
TYW991	Hacksaw frame, Standard, Adjustable 10" to 12"
TJZ047	Action bar, 1 3/8" x 1/4" x 13 1/2"
PE812	Utility knife, H-D, w/ auto reload, Snap-off blades
TJZ033	Hammer, Hickory handle, 16-oz., Claw
TJZ036	Hammer, Dead blow, 16-oz.
TJZ038	Hammer, Dead blow, 32-oz.
TJZ040	Hammer, Ball Peen, 16-oz.
TJZ042	Hammer, Ball Peen, 32-oz.
TNB731	Hex keys, S.A.E. Short arm, 13 Keys, 0.050" - 3/8"
TJZ801	Measuring tape, HD, 1" W x 25' L, in/ft, Composite grip

28-PC. ESSENTIAL TOOL SET WITH PLASTIC TOOL BOX

Model No. TYP013
Price/Each \$

aurora tools®

SET INCLUDES:

Model No.	Description	Model No.	Description
TJZ072	#1 Square screwdriver, 4"	TJZ086	Long nose pliers, 6"
TJZ073	#2 Square screwdriver, 6"	TJZ091	Locking pliers, 5"
TJZ067	#1 Phillips screwdriver, 3 1/4"	TJZ095	Long nose locking pliers, 6"
TJZ068	#2 Phillips screwdriver, 4"	TJZ101	Adjustable wrench, 8"
TJZ062	1/4" Slot screwdriver, 5"	TJZ033	Hammer, 16 oz.
TJZ064	5/16" Slot screwdriver, 6"	PE549	Utility knife
TJZ054	Hex key set, S.A.E.	TJZ036	Dead blow hammer, 16 oz.
TJZ801	Measuring tape, 1" W x 25' L, in/ft	TJZ040	Ball peen hammer, 16 oz.
TJZ078	Slip joint pliers, 6"	TJZ043	Rubber mallet, 16 oz.
TJZ083	Diagonal cutting pliers, 5"		



SOCKET SETS

41-PC. 1/4" & 3/8" DRIVE S.A.E./METRIC SOCKET SETS

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification

aurora tools®



SET INCLUDES:

- 19 1/4" standard sockets:** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 mm
- 16 3/8" standard sockets:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
10, 11, 12, 13, 14, 15, 17, 19 mm
- 6 accessories:** Quick release ratchet 3/8" drive
Extensions 3/8" drive: 3" and 6"
Universal joint 3/8" drive
3/8" drive adapter (3/8" F x 1/4" M)
Plastic handle driver 1/4"

Model No. TLV360

Price/Each \$

120-PC. 1/4", 3/8" & 1/2" DRIVE S.A.E./METRIC SOCKET & WRENCH SETS

aurora tools®



SET INCLUDES:

- 20 1/4" standard sockets:** 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 18 3/8" standard sockets:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 13 1/2" standard sockets:** 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/4"
20, 21, 22, 24, 27, 30, 32 mm
- 4 1/4" deep sockets:** 8, 9, 10, 11 mm
- 4 3/8" deep sockets:** 13, 14, 15, 17 mm
- 8 3/8" Torx sockets:** E8, E10, E11, E12, E14, E16, E18, E20
- 4 1/2" impact sockets:** 17, 19, 21, 24 mm
- 7 1/4" Torx bits:** T10, T15, T20, T25, T27, T30, T40
- 17 3/8" bit sockets:** Torx: T20, T30, T40, T45, T50, T55, T60
Hex: 3, 4, 5, 6mm
Philips: #1, #2
Slotted: 5.5, 6.5mm
Pozidriv: #1, #2
- 25 accessories:** Quick release ratchet 1/4", 3/8" and 1/2"
Spark plug socket 3/8" drive: 16, 21 mm
Universal joint 1/4", 3/8", 1/2"
Extension 1/4" drive: 2"
Extension 3/8" drive: 3" and 6"
Extension 1/2" drive: 5" and 10"
Plastic handle driver 1/4" drive
Bit adapter 1/4" drive
Combination wrench: 8, 9, 10, 11, 12, 13, 14, 17, 18, 19 mm

Model No. TLV361

Price/Each \$

210-PC. 1/4", 3/8" & 1/2" DRIVE S.A.E./METRIC SOCKET & WRENCH SETS

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification

aurora tools®



SET INCLUDES:

- 24 1/4" standard sockets:** 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"
4, 4.5, 5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 25 3/8" standard sockets:** 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 27 1/2" standard sockets:** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 1"
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm
- 15 1/4" deep sockets:** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"
6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 20 3/8" deep sockets:** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 21 1/2" deep sockets:** 5/16", 3/8", 7/16", 1/2", 5/8", 9/16", 11/16", 3/4", 13/16", 7/8"
10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22 mm
- 30 1/4" shank bits:** Philips: #0, #1, #2, #3
Slotted: 3, 4, 5, 6, 7, 8 mm
Pozidriv: #0, #1, #2, #3
Hex: 2, 3, 4, 5, 6, 8 mm
Torx: T8, T10, T15, T20, T25, T27, T30
Square: #1, #2, #3
- 12 8 mm shank bits:** Philips: #3, #4
Pozidriv: #3, #4
Hex: 8, 10, 12, 14 mm
Torx: T40, T45, T50, T55
- 36 accessories:** Quick release ratchet 1/4", 3/8" and 1/2"
Spark plug socket 1/2" drive: 16, 21 mm
Universal joint 1/4", 3/8", 1/2"
Extension 1/4" drive: 2" and 4"
Extension 3/8" drive: 3" and 6"
Extension 1/2" drive: 5" and 10"
Plastic handle driver 1/4" drive
Sliding T-bar: 1/4" and 3/8"
3-Way adapter (3/8" F x 1/2" M)
Bit adapter 1/4" drive
Bit adapter 1/2" drive
Combination wrench:
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
8, 10, 11, 13, 14, 16, 18, 19 mm

Model No. TLV362

Price/Each \$

SOCKET SETS

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification

aurora tools®

22-PC 1/4" DRIVE S.A.E. SOCKET SETS

SET INCLUDES:

- 9 standard sockets:** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- 7 deep sockets:** 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- 6 accessories:** Quick release ratchet
Extensions: 2" and 6"
Universal joint
Drive palm ratchet
Plastic handle driver

Model No. TLV356
Price/Each \$



20-PC 3/8" DRIVE S.A.E. SOCKET SETS

SET INCLUDES:

- 9 standard sockets:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- 8 deep sockets:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
- 3 accessories:** Quick release ratchet
Extensions: 2" and 3"

Model No. TLV357
Price/Each \$



24-PC 3/8" DRIVE METRIC SOCKET SETS

SET INCLUDES:

- 13 standard sockets:** 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 8 deep sockets:** 10, 11, 12, 13, 14, 15, 17, 19 mm
- 3 accessories:** Spark plug socket 16 mm
Ratchet
3" extension

Model No. TLV358
Price/Each \$



29-PC 1/2" DRIVE S.A.E./METRIC SOCKET SETS

SET INCLUDES:

- 24 standard sockets:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 mm
- 5 accessories:** Quick release ratchet
Extensions: 5" and 10"
Universal joint
3/8" drive adapter (3/8" F x 1/2" M)

Model No. TLV359
Price/Each \$



26-PC. 3/8" DRIVE METRIC SOCKET & ATTACHMENT SET

- Made from premium steel for maximum durability
- Designed for use on 6 and 12-point fasteners
- Hex openings deliver maximum turning power without rounding fasteners
- Limited lifetime warranty
- Drive Size: 3/8"
- Drive Type: 12 Point
- Packaged in: Metal case
- Contains: Standard 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm sockets, Deep 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm sockets, Reversible Ratchet, U-Joint, 3" & 6" Extensions

Model No. TYR428
Price/Each \$



26-PC. 3/8" DRIVE S.A.E. SOCKET & ATTACHMENT SET

- Made from premium steel for maximum durability
- Designed for use on 6 and 12-point fasteners
- Hex openings deliver maximum turning power without rounding fasteners
- Limited lifetime warranty
- Drive Size: 3/8"
- Drive Type: 12 Point
- Packaged in: Metal case
- Contains: Standard 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" sockets, Deep 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" sockets, Reversible Ratchet, U-Joint and 3" & 6" Extensions

Model No. TYR402
Price/Each \$



SOCKETS & ACCESSORIES



1/4" REVERSIBLE RATCHETS

Model No. TYR598 5" L
Mfg. No. V2536
Price/Each \$



1/4" FLEX HANDLES

Model No. YB167 5 1/2" L
Mfg. No. V26
Price/Each \$



1/4" HAND DRIVERS

Model No. TYQ576 6" L
Mfg. No. V780
Price/Each \$



EXTENSIONS



Model No.	Mfg. No.	Overall Length"	Description	Price /Each
YB168	V602	2	Fixed	
TYR320	V603	3	Fixed	
TYR322	V606	6	Fixed	
TYR324	V610	10	Fixed	
TYR325	V614	14	Fixed	
TYR319	V602W	2	Wobble	
TYR321	V604W	4	Wobble	
TYR323	V606W	6	Wobble	

1/4" DRIVE ACCESSORIES

6-POINT S.A.E. STANDARD LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TYQ748	V5	5/32	0.88	
TYQ749	V6	3/16	0.88	
TYQ750	V7	7/32	0.88	
TYQ751	V8	1/4	0.88	
YC137	V9	9/32	0.88	
TYQ734	V10	5/16	0.88	
YB125	V11	11/32	0.88	
TYQ745	V12	3/8	0.88	
YB126	V14	7/16	0.88	
TYQ746	V16	1/2	0.88	
TYQ747	V18	9/16	0.88	

6-POINT S.A.E. DEEP LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TYR087	VL6	3/16	2.00	
TYR088	VL7	7/32	2.00	
TYR089	VL8	1/4	2.00	
YB129	VL9	9/32	2.00	
TYR071	VL10	5/16	2.00	
TYR076	VL11	11/32	2.00	
TYR083	VL12	3/8	2.00	
TYR084	VL14	7/16	2.00	
TYR085	VL16	1/2	2.00	
TYR086	VL18	9/16	2.00	

12-POINT S.A.E. STANDARD LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TYQ735	V106	3/16	0.88	
TYQ736	V107	7/32	0.88	
TYQ737	V108	1/4	0.88	
TYQ738	V109	9/32	0.88	
TYQ739	V110	5/16	0.88	
TYQ740	V111	11/32	0.88	
TYQ741	V112	3/8	0.88	
TYQ742	V114	7/16	0.88	
TYQ743	V116	1/2	0.88	
TYQ744	V118	9/16	0.88	

12-POINT S.A.E. DEEP LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TYR072	VL106	3/16	2.00	
TYR073	VL107	7/32	2.00	
TYR074	VL108	1/4	2.00	
TYR075	VL109	9/32	2.00	
TYR077	VL110	5/16	2.00	
TYR078	VL111	11/32	2.00	
TYR079	VL112	3/8	2.00	
TYR080	VL114	7/16	2.00	
TYR081	VL116	1/2	2.00	
TYR082	VL118	9/16	2.00	

6-POINT METRIC STANDARD LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TYQ708	M604	4	22.25	
TYQ709	M604.5	4.5	22.25	
TYQ710	M605	5	22.25	
TYQ711	M605.5	5.5	22.25	
TYQ712	M606	6	22.25	
TYQ713	M607	7	22.25	
TYQ714	M608	8	22.25	
TYQ715	M609	9	22.25	
TYQ716	M610	10	22.25	
TYQ717	M611	11	22.25	
TYQ718	M612	12	22.25	
TYQ719	M613	13	22.25	
TYQ720	M614	14	22.25	
TYQ721	M615	15	22.25	

6-POINT METRIC DEEP LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TYR049	ML604	4	50.8	
TYR050	ML605	5	50.8	
TYR051	ML605.5	5.5	50.8	
TYR052	ML606	6	50.8	
TYR053	ML607	7	50.8	
TYR054	ML608	8	50.8	
TYR055	ML609	9	50.8	
TYR056	ML610	10	50.8	
TYR057	ML611	11	50.8	
TYR058	ML612	12	50.8	
TYR059	ML613	13	50.8	
TYR060	ML614	14	50.8	

UNIVERSAL JOINTS



Model No.	Mfg. No.	Price /Each
TYR280	V760	

ADAPTORS



Model No.	Mfg. No.	Size"	Price /Each
TYR241	4217	1/4 F x 3/8 M	

1/4" DRIVE RATCHETS

Model No. TYL032 5 1/2" L
Price/Each \$



TYL032

1/4" DRIVE QUICK-RELEASE RATCHETS

Model No. TLV363 5 3/4" L
Price/Each \$



TLV363

1/4" DRIVE HINGE HANDLES

Model No. TYL033 5 3/4" L
Price/Each \$



TYL033

1/4" PLASTIC HANDLE DRIVERS

Model No. TLV445 5 3/4" L
Price/Each \$



TLV445

1/4" DRIVE QUICK-RELEASE RUBBER GRIP RATCHETS

Model No. TLV380 6" L
Price/Each \$



TLV380

aurora tools®

EXTENSIONS



TYL034

Model No.	Overall Length"	Price /Each
TYK843	2	
TLV446	4	
TYL034	6	

ADAPTORS



Model No.	Size"	Price /Each
TYL035	1/4 F x 3/8 M	

1/4" DRIVE ACCESSORIES

6-POINT S.A.E STANDARD LENGTH SOCKETS



Model No.	Hex Size"	Overall Length"	Price /Each
TYK732	5/32	1	
TYK733	3/16	1	
TYK734	7/32	1	
TYK735	1/4	1	
TYK736	9/32	1	
TYK737	5/16	1	
TYK738	11/32	1	
TYK739	3/8	1	
TYK740	7/16	1	
TYK741	1/2	1	
TYK742	9/16	1	

6-POINT S.A.E DEEP LENGTH SOCKETS



Model No.	Hex Size"	Length"	Price /Each
TYK791	5/32	2	
TYK792	3/16	2	
TYK793	7/32	2	
TLV496	1/4	2	
TYK794	9/32	2	
TYK795	5/16	2	
TYK796	11/32	2	
TYK797	3/8	2	
TYK798	7/16	2	
TYK799	1/2	2	
TYK800	9/16	2	

6-POINT METRIC STANDARD LENGTH SOCKETS



Model No.	Hex Size mm	Overall Length mm	Price /Each
TYK743	4	25	
TYK744	4.5	25	
TYK745	5	25	
TYK746	5.5	25	
TYK747	6	25	
TYK748	7	25	
TYK591	8	25	
TYK750	9	25	
TYK592	10	25	
TYK752	11	25	
TYK753	12	25	
TYK754	13	25	
TYK755	14	25	

6-POINT METRIC DEEP LENGTH SOCKETS



Model No.	Hex Size mm	Length mm	Price /Each
TYK801	4	50	
TYK802	4.5	50	
TYK803	5	50	
TYK804	5.5	50	
TYK805	6	50	
TLV497	7	50	
TLV553	8	50	
TYK806	9	50	
TLV498	10	50	
TYK807	11	50	
TYK808	12	50	
TYK809	13	50	
TYK810	14	50	

Ask us about volume prices!



In many cases you will benefit from quantity prices.

SOCKETS & ACCESSORIES



3/8" REVERSIBLE RATCHETS

Model No. TY136 7 1/2" L - Professional Grade

Mfg. No. T8820 Price/Each \$

Model No. TYR595 7 1/2" L - No. of teeth 32

Mfg. No. T8532 Price/Each \$

Model No. TYR596 7 1/2" L - No. of teeth 40

Mfg. No. T9040 Price/Each \$



3/8" REVERSIBLE FLEX HEAD RATCHETS

Model No. TLZ273 11 3/8" L

Mfg. No. T83 Price/Each \$

3/8" FLEX HANDLE

Model No. TY142 9" L

Mfg. No. T30 Price/Each \$



3/8" DRIVE ACCESSORIES

6-POINT S.A.E. STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
YC136	TH8S	1/4	0.94	
TY157	TH10	5/16	0.94	
TY159	TH12	3/8	0.94	
TY160	TH14	7/16	0.94	
TY161	TH16	1/2	0.97	
TY162	TH18	9/16	0.97	
TY163	TH20	5/8	1.01	
TY164	TH22	11/16	1.01	
TY165	TH24	3/4	1.13	
TY166	TH26	13/16	1.13	
TY167	TH28	7/8	1.25	
TY168	TH30	15/16	1.25	
TY169	TH32	1	1.25	



6-POINT S.A.E. DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TI233	T80	1/4	2.48	
TI234	T100	5/16	2.48	
YB173	T120	3/8	2.48	
TI235	T140	7/16	2.48	
TI236	T160	1/2	2.48	
TI237	T180	9/16	2.48	
TI238	T200	5/8	2.48	
TI239	T220	11/16	2.48	
YB115	T240	3/4	2.48	
YB116	T260	13/16	2.48	
YB117	T280	7/8	2.48	
YB161	T300	15/16	2.48	
TI240	T320	1	2.48	



12-POINT S.A.E. STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TI233	T80	1/4	2.48	
TI234	T100	5/16	2.48	
YB173	T120	3/8	2.48	
TI235	T140	7/16	2.48	
TI236	T160	1/2	2.48	
TI237	T180	9/16	2.48	
TI238	T200	5/8	2.48	
TI239	T220	11/16	2.48	
YB115	T240	3/4	2.48	
YB116	T260	13/16	2.48	
YB117	T280	7/8	2.48	
YB161	T300	15/16	2.48	
TI240	T320	1	2.48	



12-POINT S.A.E. DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TI241	LT8	1/4	2.56	
TI242	LT10	5/16	2.56	
TE454	LT12	3/8	2.56	
TI243	LT14	7/16	2.56	
TE455	LT16	1/2	2.56	
TE465	LT18	9/16	2.56	
TI244	LT20	5/8	2.56	
TI245	LT22	11/16	2.56	
TE503	LT24	3/4	2.56	
TI246	LT26	13/16	2.56	
TI247	LT28	7/8	2.56	
TI248	LT30	15/16	2.56	
TI249	LT32	1	2.56	



6-POINT METRIC STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
YB092	MT6H	6	23.83	
YB093	MT7H	7	23.83	
YB094	MT8H	8	23.83	
YB095	MT9H	9	23.83	
YB083	MT10H	10	23.83	
YB084	MT11H	11	23.83	
YB085	MT12H	12	24.59	
YB086	MT13H	13	24.59	
YB087	MT14H	14	24.59	
TI220	MT15H	15	24.59	
TI221	MT16H	16	25.73	
TI222	MT17H	17	25.73	
YC130	MT18H	18	25.73	
TI223	MT19H	19	28.65	
YC131	MT20H	20	30.00	
YC132	MT21H	21	30.00	
YB091	MT22H	22	30.00	
VE524	MT23H	19	30.00	
TYQ722	MT24H	20	30.00	
TYQ723	MT25H	21	30.00	
TYQ725	MT26H	22	30.00	



6-POINT METRIC DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI250	MTL6H	6	63.0	
TI251	MTL7H	7	63.0	
TI252	MTL8H	8	63.0	
TI253	MTL9H	9	63.0	
TI254	MTL10H	10	63.0	
TI255	MTL11H	11	63.0	
TI256	MTL12H	12	63.0	
TI257	MTL13H	13	63.0	
TI258	MTL14H	14	63.0	
TI259	MTL15H	15	63.0	
TI260	MTL16H	16	63.0	
TI261	MTL17H	17	63.0	
TI262	MTL18H	18	63.0	
TI263	MTL19H	19	63.0	
TI264	MTL20H	20	63.0	
TI265	MTL21H	21	63.0	
TI266	MTL22H	22	63.0	
TI267	MTL23H	23	63.0	



EXTENSIONS

Model No.	Mfg. No.	Overall Length"	Price /Each
TY146	T1	1 1/2	
TY147	T31	3	
TY148	T4	6	
TY149	T41	8	
TY150	T5	12	
YB120	T6	20	
TYR315	T31W	3	
TYR317	T4W	6	
TYR316	T41W	18	
TYR318	T5W	12	



SPEEDERS

Model No.	Mfg. No.	Overall Length"	Price /Each
TY143	T9	16 1/4	



UNIVERSAL JOINTS

Model No.	Mfg. No.	Price /Each
TY152	T3	



ADAPTORS

Model No.	Mfg. No.	Size"	Price /Each
TY155	4216	3/8 F x 1/4 M	
TY154	4215	3/8 F x 1/2 M	



12-POINT METRIC STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI224	38-106	6	23.83	
TI225	38-107	7	23.83	
TI226	38-108	8	23.83	
TI227	38-109	9	23.83	
TI228	38-110	10	23.83	
YC126	38-111	11	23.83	
TI229	38-112	12	24.59	
YC127	38-113	13	24.59	
YC128	38-114	14	24.59	
YB088	38-115	15	24.59	
TI230	38-116	16	25.73	
YC129	38-117	17	25.73	
YB089	38-118	18	25.73	
TI231	38-119	19	28.65	
YB160	38-120	20	30.00	
YB090	38-120	21	30.00	
YC133	38-122	22	30.00	
TI232	38-123	23	30.00	
TYQ724	38-126	26	30.00	



12-POINT METRIC DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI268	38-306	6	63.0	
TI269	38-307	7	63.0	
TI270	38-308	8	63.0	
YB097	38-309	9	63.0	
TI271	38-310	10	63.0	
TI272	38-311	11	63.0	
TI273	38-312	12	63.0	
TI274	38-313	13	63.0	
TI275	38-314	14	63.0	
TI276	38-315	15	63.0	
TI277	38-316	16	63.0	
TI278	38-317	17	63.0	
TI279	38-318	18	63.0	
TI280	38-319	19	63.0	



3/8" DRIVE RATCHETS

Model No. TNB484 7 7/8" L
Price/Each \$



TNB484

3/8" DRIVE QUICK-RELEASE RATCHETS

Model No. TLV364 8" L Price/Each \$



TLV364

3/8" DRIVE HINGE HANDLES

Model No. TYL037 9 1/2" L Price/Each \$
Model No. TYL038 8 1/2" L Price/Each \$



TYL037

3/8" DRIVE QUICK-RELEASE RUBBER GRIP RATCHET

Model No. TLV381 8" L
Price/Each \$



TLV381

aurora tools®

EXTENSIONS



Model No.	Overall Length"	Price /Each
TLV365	3	
TLV366	6	
TJZ226	8	
TYL040	10	

ADAPTORS



Model No.	Size"	Price /Each
TYL041	3/8 F x 1/4 M	
TYK847	3/8 F x 1/2 M	

3/8" DRIVE ACCESSORIES

6-POINT S.A.E STANDARD LENGTH SOCKETS



Model No.	Hex Size"	Length"	Price /Each
TLV367	1/4	1.13	
TLV368	5/16	1.13	
TYK756	3/8	1.13	
TLV488	7/16	1.13	
TMB048	1/2	1.13	
TLV369	9/16	1.13	
TYK757	5/8	1.13	
TLV473	11/16	1.19	
TLV474	3/4	1.19	
TMB044	13/16	1.19	
TMB045	7/8	1.19	

6-POINT S.A.E DEEP LENGTH SOCKETS



Model No.	Hex Size"	Length"	Price /Each
TYL048	1/4	2.5	
TYK811	5/16	2.5	
TYK812	3/8	2.5	
TLV370	7/16	2.5	
TLV371	1/2	2.5	
TLV372	9/16	2.5	
TMB047	5/8	2.5	
TLV475	11/16	2.5	
TLV373	3/4	2.5	
TLV374	13/16	2.5	
TLV476	7/8	2.5	

SPARK PLUG SOCKETS



Model No.	Hex Size"	Price /Each
TYL042	5/8	
TYL043	13/16	

6-POINT METRIC STANDARD LENGTH SOCKETS



Model No.	Hex Size mm	Length mm	Price /Each
TYK758	6	28	
TYK759	7	28	
TYK760	8	28	
TYK761	9	28	
TMB046	10	28	
TYK762	11	28	
TMB049	12	28	
TMB052	13	28	
TYK763	14	28	
TYK764	15	28	
TYK765	16	28	
TYK766	17	30	
TYK767	18	30	
TMB054	19	30	
TYL044	20	30	
TYL045	21	30	
TYL046	22	30	

6-POINT METRIC DEEP LENGTH SOCKETS



Model No.	Hex Size mm	Length mm	Price /Each
TYL050	6	63	
TYK593	7	63	
TYK813	8	63	
TYK814	9	63	
TYK815	10	63	
TYK816	11	63	
TMB053	12	63	
TYK817	13	63	
TYK818	14	63	
TYK819	15	63	
TYK820	16	63	
TYK821	17	63	
TYK822	18	63	
TYK823	19	63	
TYL052	20	63	
TYL053	21	63	
TYL054	22	63	
TYL055	23	63	

UNIVERSAL JOINTS



Model No.	Price /Each
TYK844	

SOCKETS & ACCESSORIES



1/2" REVERSIBLE RATCHET

Model No. TYR580 10" L - No. of teeth: 20

Mfg. No. 8720 Price/Each \$

Model No. TYR581 10" L - No. of teeth: 32

Mfg. No. 8732 Price/Each \$

Model No. TYR590 15" L - No. of teeth: 20

Mfg. No. 8720L Price/Each \$

Model No. TY204 15" L - Professional Grade

Mfg. No. 8732L Price/Each \$



1/2" REVERSIBLE RATCHET - FLEXIBLE HEAD

Model No. TY207 14 1/2" L

Mfg. No. 8799F Price/Each \$



1/2" DRIVE ACCESSORIES

6-POINT S.A.E. STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TY220	406	3/8	1.50	
TY191	407	7/16	1.50	
TY192	408	1/2	1.50	
TY193	409	9/16	1.50	
TY194	410	5/8	1.50	
TY195	411	11/16	1.50	
TY196	412	3/4	1.50	
TY197	413	13/16	1.50	
TY198	414	7/8	1.50	
TY199	415	15/16	1.75	
TY200	432	1	1.75	
TY201	433	1 1/16	2.00	
TY202	434	1 1/8	2.00	
TY221	435	1 3/16	2.00	
TY222	436	1 1/4	2.00	
TY223	437	1 5/16	2.00	
TY224	438	1 3/8	2.00	
TY225	439	1 7/16	2.00	
TY226	440	1 1/2	2.00	



12-POINT METRIC STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI356	MD1210	10	83.0	
TI357	MD1211	11	83.0	
TI358	MD1212	12	83.0	
TI359	MD1213	13	83.0	
TI360	MD1214	14	83.0	
TI361	MD1215	15	83.0	
TI362	MD1216	16	83.0	
TI363	MD1217	17	83.0	
TE460	MD1218	18	83.0	
TI364	MD1219	19	83.0	
TI365	MD1220	20	83.0	
TI366	MD1221	21	83.0	
TE462	MD1222	22	83.0	
TI367	MD1223	23	83.0	
TI368	MD1224	24	83.0	
TI369	MD1225	25	83.0	
TI370	MD1226	26	83.0	
TI371	MD1227	27	83.0	



6-POINT S.A.E. DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
YB051	LDS12	3/8	3.07	
YB052	LDS14	7/16	3.07	
YB053	LDS16	1/2	3.07	
YB170	LDS18	9/16	3.07	
YB171	LDS20	5/8	3.07	
YB172	LDS22	11/16	3.07	
VE604	LDS24	3/4	3.07	
VE605	LDS26	13/16	3.07	
TI326	LDS28	7/8	3.07	
YB054	LDS30	15/16	3.07	
YB055	LDS32	1	3.07	
TI327	LDS34	1 1/16	3.07	
YB056	LDS36	1 1/8	3.07	
TI328	LDS38	1 3/16	3.07	
TI329	LDS40	1 1/4	3.07	
QD950	LDS42	1 5/16	3.07	
QD951	LDS44	1 3/8	3.07	
QD952	LDS46	1 7/16	3.07	
QD953	LDS48	1 1/2	3.07	



12-POINT METRIC STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
YB057	M1210	10	38	
YB058	M1211	11	38	
YB059	M1212	12	38	
TI315	M1213	13	38	
YB060	M1214	14	38	
TI316	M1215	15	38	
YB061	M1216	16	38	
TI317	M1217	17	38	
TI318	M1218	18	38	
TI319	M1219	19	38	
YB063	M1220	20	38	
YB151	M1221	21	38	
TI320	M1222	22	38	
TI321	M1223	23	38	
TI322	M1224	24	44	
TI323	M1225	25	44	
TI324	M1226	26	44	
TI325	M1227	27	44	
TYQ679	M1228	28	44	
TYQ682	M1230	30	44	
TYQ685	M1232	32	51	
TYQ687	M1236	36	57	



6-POINT METRIC STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI298	M1210H	10	38	
TI299	M1211H	11	38	
TI300	M1212H	12	38	
TI301	M1213H	13	38	
TI302	M1214H	14	38	
TI303	M1215H	15	38	
TI304	M1216H	16	38	
YB062	M1217H	17	38	
TI305	M1218H	18	38	
TI306	M1219H	19	38	



Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TI307	M1220H	20	38	
TI308	M1221H	21	38	
TI309	M1222H	22	38	
TI310	M1223H	23	38	
TI311	M1224H	24	44	
TI312	M1225H	25	44	
TI313	M1226H	26	44	
TI314	M1227H	27	44	
TYQ680	M1228H	28	44	
TYQ681	M1229H	29	44	
TYQ683	M1230H	30	44	
TYQ684	M1231H	31	44	
TYQ686	M1232H	32	51	
TYQ688	M1236H	36	57	

EXTENSIONS

Model No.	Mfg. No.	Overall Length"	Price /Each
TY211	718S	2	
TY189	718	5	
TY190	719	10	
TY212	715	15	
TY213	720	20	
TYR303	718SW	2	
TYR304	718W	5	
TYR305	719W	10	



UNIVERSAL JOINTS

Model No.	Mfg. No.	Price /Each
TY188	709	



ADAPTORS

Model No.	Mfg. No.	Size"	Price /Each
TY218	4206	1/2 F x 3/8 M	
TY219	4298	1/2 F x 3/4 M	



SPARK PLUG SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TY216	LD20R	5/8	2.50	



12-POINT S.A.E. STANDARD LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
YA963	1406	3/8	1.50	
TI288	1407	7/16	1.50	
TI289	1408	1/2	1.50	
TI290	1409	9/16	1.50	
TI291	1410	5/8	1.50	
TI292	1411	11/16	1.50	
TI293	1412	3/4	1.50	
TE467	1413	13/16	1.50	
YA964	1414	7/8	1.50	
YA965	1415	15/16	1.75	
TE628	1432	1	1.75	
YA967	1433	1 1/16	2.00	
YA968	1434	1 1/8	2.00	
QB098	1435	1 3/16	2.00	
TYQ670	1436	1 1/4	2.00	
TYQ671	1437	1 5/16	2.00	
TYQ672	1438	1 3/8	2.00	
YA969	1439	1 7/16	2.00	
TYQ674	1440	1 1/2	2.00	



12-POINT S.A.E. DEEP LENGTH SOCKETS

Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TI330	LD12	3/8	3.07	
TI331	LD14	7/16	3.07	
TI332	LD16	1/2	3.07	
TI333	LD18	9/16	3.07	
TE456	LD20	5/8	3.07	
TE457	LD22	11/16	3.07	
TE458	LD24	3/4	3.07	
TE459	LD26	13/16	3.07	
TE507	LD28	7/8	3.07	
TE461	LD30	15/16	3.07	
TE506	LD32	1	3.07	
TI334	LD34	1 1/16	3.07	
TI335	LD36	1 1/8	3.07	
TI336	LD38	1 3/16	3.07	
TI337	LD40	1 1/4	3.07	
QD931	LD42	1 5/16	3.07	
QD932	LD44	1 3/8	3.07	
QD933	LD46	1 7/16	3.07	
QD934	LD48	1 1/2	3.07	



aurora tools

1/2" DRIVE RATCHETS

Model No. TLV375 10" L
Price/Each \$



TLV375

1/2" DRIVE QUICK-RELEASE RATCHETS

Model No. TLV376 10" L
Price/Each \$



TLV376

1/2" DRIVE HINGE HANDLES

Model No. TTB977 14 1/4" L
Price/Each \$



TTB977

1/2" DRIVE QUICK-RELEASE RUBBER GRIP RATCHETS

Model No. TLV382 10" L
Price/Each \$



TLV382

EXTENSIONS



Model No.	Overall Length"	Price /Each
TYL058	3	
TLV377	5	
TYK848	10	

SPEEDERS



Model No.	Overall Length"	Price /Each
TNB489	16 1/2	

1/2" DRIVE ACCESSORIES

6-POINT S.A.E STANDARD LENGTH SOCKETS



Model No.	Hex Size"	Length"	Price /Each
TYK768	3/8	1.5	
TYK769	7/16	1.5	
TTB978	1/2	1.5	
TMB050	9/16	1.5	
TYK771	5/8	1.5	
TYJ946	11/16	1.5	
TMB051	3/4	1.5	
TYK648	13/16	1.5	
TNB728	7/8	1.5	
TYL059	15/16	1.56	
TYK775	1	1.69	
TYL060	1 1/16	1.81	
TYL061	1 1/8	1.81	
TYL062	1 3/16	1.81	
TYL063	1 1/4	1.81	

6-POINT S.A.E DEEP LENGTH SOCKETS



Model No.	Hex Size"	Length"	Price /Each
TYK824	7/16	3.06	
TYK825	1/2	3.06	
TYK826	9/16	3.06	
TYK827	5/8	3.06	
TYK828	11/16	3.06	
TYK829	3/4	3.06	
TYK830	13/16	3.06	
TYK831	7/8	3.06	
TLV379	15/16	3.06	
TYL067	1	3.06	
TYL068	1 1/16	3.06	
TYK649	1 1/8	3.06	
TYL069	1 1/4	3.06	

ADAPTORS

Model No.	Size"	Price /Each
TYL056	1/2 F x 3/8 M	
TYL057	1/2 F x 3/4 M	



6-POINT METRIC STANDARD LENGTH SOCKETS



Model No.	Hex Size mm	Length mm	Price /Each
TYK776	10	38	
TYK777	11	38	
TYK778	12	38	
TYK779	13	38	
TYK780	14	38	
TYK781	15	38	
TYK782	16	38	
TYK783	17	38	
TYK784	18	38	
TYK785	19	38	
TYK786	20	38	
TYK787	21	38	
TYK788	22	38	
TYK789	23	40	
TYK790	24	40	
TYL064	27	44	
TYL065	30	44	
TYL066	32	44	

6-POINT METRIC DEEP LENGTH SOCKETS



Model No.	Hex Size mm	Length mm	Price /Each
TYK832	10	77	
TYK833	11	77	
TYK834	12	77	
TYK835	13	77	
TYK836	14	77	
TYL070	15	77	
TYK837	16	77	
TYK838	17	77	
TYL071	18	77	
TYK839	19	77	
TYK840	20	77	
TYK841	21	77	
TYK842	22	77	
TYL072	23	77	
TYL073	24	77	
TYL074	27	77	
TYL075	30	77	
TYL076	32	77	

SPARK PLUG SOCKETS

Model No.	Hex Size"	Price /Each
TYK845	5/8	
TYK846	13/16	



UNIVERSAL JOINTS



Model No.	Price /Each
TLV378	

SOCKETS & ACCESSORIES



3/4" RATCHET HEAD WITH HANDLE

Model No. YA983 24" L
Mfg. No. 4254-55 Price/Each \$
Model No. TYR586 24 1/2" L
Mfg. No. 4254-56 Price/Each \$
Model No. TE267 39 1/2" L
Mfg. No. 4254-57 Price/Each \$



3/4" FLEX HANDLE

Model No. YA984 21" L
Mfg. No. 4288 Price/Each \$



Model No.	Mfg. No.	Overall Length"	Price /Each
YB004	885	4	
TY267	88	8	
YB001	87	15 1/2	



UNIVERSAL JOINTS

Model No.	Mfg. No.	Price /Each
TYR246	4295	



ADAPTORS

Model No.	Mfg. No.	Size"	Price /Each
TY219	4298	1/2 F x 3/4 M	
YA985	4299	3/4 F x 1/2 M	
QC460	4211	3/4 F x 1 M	
TYR237	4213	1 F x 3/4 M	

3/4" DRIVE ACCESSORIES

12-POINT S.A.E. STANDARD LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
YB038	HD24	3/4	1.97	
YB039	HD26	13/16	1.97	
TY252	HD28	7/8	1.97	
YB040	HD30	15/16	1.97	
TY254	HD32	1	2.01	
TY255	HD34	1 1/16	2.05	
TY256	HD36	1 1/8	2.05	
YB041	HD38	1 3/16	2.24	
TY257	HD40	1 1/4	2.24	
YB042	HD42	1 5/16	2.24	
TY259	HD44	1 3/8	2.24	
TY260	HD46	1 7/16	2.28	
TY261	HD48	1 1/2	2.36	
YB043	HD50	1 9/16	2.36	
TY262	HD52	1 5/8	2.44	
YB044	HD54	1 11/16	2.76	
TY263	HD56	1 3/4	2.76	
YB045	HD58	1 13/16	2.83	
TYQ675	HD60	1 7/8	2.91	
TYQ676	HD62	1 15/16	2.91	
YB046	HD64	2	2.91	
YB047	HD66	2 1/16	3.07	
YB048	HD68	2 1/8	3.27	
TYQ677	HD70	2 3/16	3.39	
YB049	HD72	2 1/4	3.39	
TYQ678	HD74	2 5/16	3.39	
YB050	HD76	2 3/8	3.54	

12-POINT METRIC STANDARD LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size mm	Overall Length mm	Price /Each
TYQ689	M3424	24	51.0	
TYQ690	M3425	25	51.0	
TYQ691	M3426	26	51.0	
TYQ692	M3427	27	51.0	
TYQ693	M3428	28	51.0	
TYQ694	M3429	29	51.0	
TYQ695	M3430	30	54.0	
TYQ696	M3432	32	56.0	
TYQ697	M3435	35	58.0	
TYQ698	M3436	36	58.0	
TYQ699	M3438	38	58.0	
TYQ700	M3441	41	64.0	
TYQ701	M3442	42	64.0	
TYQ702	M3446	46	68.0	
TYQ703	M3450	50	72.0	
TYQ704	M3454	54	74.0	
TYQ705	M3455	55	76.0	
TYQ706	M3458	58	78.0	
TYQ707	M3460	60	78.0	

12-POINT S.A.E. DEEP LENGTH SOCKETS



Model No.	Mfg. No.	Hex Size"	Overall Length"	Price /Each
TYR061	RLH30	15/16	3.35	
TYR062	RLH32	1	3.35	
TYR063	RLH34	1 1/16	3.54	
TYR064	RLH36	1 1/8	3.54	
TYR065	RLH40	1 1/4	3.54	
TYR066	RLH42	1 5/16	3.54	
TYR067	RLH44	1 3/8	3.54	
TYR068	RLH46	1 7/16	3.54	
TYR069	RLH48	1 1/2	3.54	
TYR070	RLH52	1 5/8	3.54	

Rain or shine... for affordable quality safety products, ZENITH is your ideal choice!

3/8" DRIVE S.A.E. HEX BIT SETS

- Standard length
- Includes socket bar and clips

Model No. TYR413

Price/Each \$



Model No.	Mfg. No.	Size"
YB124	TW4	1/8
TYR038	TW5	5/32
TYR040	TW6	3/16
TYR042	TW7	7/32
TYR044	TW8	1/4
YB122	TW10	5/16
TE468	TW12	3/8



1/2" DRIVE METRIC HEX BIT SETS

- Standard length
- Includes socket bar and clips

Model No. TYR451

Price/Each \$



Model No.	Mfg. No.	Size mm
TYQ559	MDW6L	6
TYQ561	MDW8L	8
TYQ549	MDW10L	10
TYQ551	MDW12L	12
TYQ553	MDW14L	14
TYQ555	MDW17L	17
TYQ557	MDW19L	17



1/2" DRIVE S.A.E. HEX BIT SETS

- Standard length
- Includes socket bar and clips

Model No. TYR366

Price/Each \$



Model No.	Mfg. No.	Size"
TYQ537	DW10L	5/16
TYQ539	DW12L	3/8
YB027	DW14L	7/16
TYQ542	DW16L	1/2
YB028	DW18L	9/16
YB029	DW20L	5/8
YB030	DW24L	3/4



38-PC 1/2" DRIVE S.A.E. & METRIC SOCKET & ATTACHMENT SET

- Mirror chrome finish for maximum resistance against corrosion
- Made from premium steel for maximum durability
- Ideal for use on stubborn, damaged or worn fasteners
- Hex openings deliver maximum turning power without rounding fasteners
- Limited lifetime warranty
- Drive Size: 1/2"
- Contains: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 27 mm, 30 mm, 32 mm sockets, Reversible Ratchet, 15" Flexible Handle, U-Joint and 2", 5" & 10" Extensions
- Drive Type: 6 Point
- Packaged in: Plastic case

Model No. TYR444

Price/Each \$



38-PC 1/2" DRIVE S.A.E. & METRIC SOCKET & ATTACHMENTS SET

- Mirror chrome finish for maximum resistance against corrosion
- Made from premium steel for maximum durability
- Ideal for use on stubborn, damaged or worn fasteners
- Hex openings deliver maximum turning power without rounding fasteners
- Limited lifetime warranty
- Drive Size: 1/2"
- Contains: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/8", 1-1/4", 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 23 mm, 24 mm, 27 mm, 30 mm, 32 mm sockets, Reversible Ratchet, 15" Flexible Handle, U-Joint and 2", 5" & 10" Extensions
- Drive Type: 12 Point
- Packaged in: Plastic case

Model No. TYR443

Price/Each \$



Can't find what
you're looking for?
Call us today!



IMPACT SOCKETS & ACCESSORIES

3/8" DRIVE STANDARD LENGTH 6-POINT

Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TY045	P2210	5/16"	1.18"	
TY047	P2212	3/8"	1.18"	
TY048	P2214	7/16"	1.18"	
TY049	P2216	1/2"	1.18"	
TY050	P2218	9/16"	1.18"	
TY051	P2220	5/8"	1.18"	
TY052	P2222	11/16"	1.18"	
TY053	P2224	3/4"	1.18"	

METRIC

TYQ967	MTP8	8 mm	30 mm	
TYQ968	MTP9	9 mm	30 mm	
TYQ957	MTP10	10 mm	30 mm	
TYQ958	MTP11	11 mm	30 mm	
TYQ959	MTP12	12 mm	30 mm	
TYQ960	MTP13	13 mm	30 mm	
TYQ961	MTP14	14 mm	30 mm	
TYQ962	MTP15	15 mm	30 mm	
TYQ963	MTP16	16 mm	30 mm	
TYQ964	MTP17	17 mm	30 mm	
TYQ965	MYP18	18 mm	30 mm	
TYQ966	MTP19	19 mm	30 mm	

1/2" DRIVE STANDARD LENGTH 6-POINT

Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TY054	P2406	3/8"	1.50"	
TY055	P2407	7/16"	1.50"	
TY056	P2408	1/2"	1.50"	
TY057	P2409	9/16"	1.50"	
TY058	P2410	5/8"	1.50"	
TY059	P2411	11/16"	1.50"	
TY060	P2412	3/4"	1.50"	
TY061	P2413	13/16"	1.50"	
TY062	P2414	7/8"	1.50"	
TY063	P2415	15/16"	1.7"	
TY064	P2432	1"	1.7"	
TY065	P2433	1 1/16"	1.97"	
TY066	P2434	1 1/8"	1.97"	
TY067	P2435	1 3/16"	1.97"	
TY068	P2436	1 1/4"	1.97"	
TY069	P2437	1 5/16"	1.99"	
TY070	P2438	1 3/8"	1.97"	
TY071	P2439	1 7/16"	1.97"	
TY072	P2440	1 1/2"	1.97"	

METRIC

TYQ926	MP08H	8 mm	38 mm	
TYQ927	MP09H	9 mm	38 mm	
TY074	MP10H	10 mm	38 mm	
TY075	MP11H	11 mm	38 mm	
TY076	MP12H	12 mm	38 mm	
TY077	MP13H	13 mm	38 mm	
TY078	MP14H	14 mm	38 mm	
TY079	MP15H	15 mm	38 mm	
TY080	MP16H	16 mm	38 mm	
TY081	MP17H	17 mm	38 mm	
TY082	MP18H	18 mm	38 mm	
TY083	MP19H	19 mm	38 mm	
TY084	MP20H	20 mm	38 mm	
TY085	MP21H	21 mm	38 mm	
TY086	MP22H	22 mm	45 mm	
TY087	MP23H	23 mm	45 mm	
TYQ943	MP24H	24 mm	45 mm	
TYQ944	MP25H	25 mm	45 mm	
TYQ945	MP26H	26 mm	50 mm	
TYQ946	MP27H	27 mm	50 mm	
TYQ947	MP28H	28 mm	50 mm	
TYQ948	MP29H	29 mm	50 mm	
TYQ950	MP30H	30 mm	50 mm	
TYQ951	MP31H	31 mm	50 mm	
TYQ953	MP32H	32 mm	50 mm	
TYQ956	MP36H	36 mm	50 mm	

3/8" DRIVE DEEP LENGTH 6-POINT

Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TYR004	PL2210	5/16"	2.56"	
TYR005	PL2212	3/8"	2.56"	
TYR006	PL2214	7/16"	2.56"	
TYR007	PL2216	1/2"	2.56"	
TYR008	PL2218	9/16"	2.56"	
TYR009	PL2220	5/8"	2.56"	
TYR010	PL2222	11/16"	2.56"	
TYR011	PL2224	3/4"	2.56"	

METRIC

TYR194	MTPL8	8 mm	65 mm	
TYR195	MTPL9	9 mm	65 mm	
TYR184	MTPL10	10 mm	65 mm	
TYR185	MTPL11	11 mm	65 mm	
TYR186	MTPL12	12 mm	65 mm	
TYR187	MTPL13	13 mm	65 mm	
TYR188	MTPL14	14 mm	65 mm	
TYR189	MTPL15	15 mm	65 mm	
TYR190	MTPL16	16 mm	65 mm	
TYR191	MTPL17	17 mm	65 mm	
TYR192	MTPL18	18 mm	65 mm	
TYR193	MTPL19	19 mm	65 mm	

1/2" DRIVE DEEP LENGTH 6-POINT

Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TY088	20-212	3/8"	3.07"	
TY089	20-214	7/16"	3.07"	
TY090	20-216	1/2"	3.07"	
TY091	20-218	9/16"	3.07"	
TY092	20-220	5/8"	3.07"	
TY093	20-222	11/16"	3.07"	
TY094	20-224	3/4"	3.07"	
TY095	20-226	13/16"	3.07"	
TY096	20-228	7/8"	3.07"	
TY097	20-230	15/16"	3.07"	
TY098	20-232	1"	3.07"	
TY099	20-234	1 1/16"	3.07"	
TY100	PL2434	1 1/8"	3.07"	
TY101	PL2435	1 3/16"	3.07"	
TY102	PL2436	1 1/4"	3.07"	
TY103	PL2437	1 5/16"	3.07"	
TY104	PL2438	1 3/8"	3.07"	
TYR196	PL2439	1 7/16"	3.07"	
TYR197	PL2440	1 1/2"	3.07"	

METRIC

TYR155	MPD08H	9 mm	78 mm	
TYR156	MPD09H	10 mm	78 mm	
TYR157	MPD10H	11 mm	78 mm	
TYR158	MPD11H	12 mm	78 mm	
TYR159	MPD12H	13 mm	78 mm	
TYR160	MPD13H	14 mm	78 mm	
TYR161	MPD14H	15 mm	78 mm	
TYR162	MPD15H	16 mm	78 mm	
TYR163	MPD16H	17 mm	78 mm	
TYR164	MPD17H	18 mm	78 mm	
TYR165	MPD18H	19 mm	78 mm	
TYR166	MPD19H	20 mm	78 mm	
TYR167	MPD20H	21 mm	78 mm	
TYR168	MPD21H	22 mm	78 mm	
TYR169	MPD22H	23 mm	78 mm	
TYR170	MPD23H	24 mm	78 mm	
TYR171	MPD24H	25 mm	78 mm	
TYR172	MPD25H	27 mm	78 mm	
TYR174	MPD30H	30 mm	78 mm	
TYR183	MPD36H	36 mm	78 mm	

3/8" DRIVE EXTENSIONS - IMPACT

Model No.	Mfg. No.	Overall Length"	Price /Each
TYR306	P2-103A	3	
TYR307	P2-106A	6	

3/8" DRIVE 6-POINT UNIVERSAL JOINT - IMPACT

Model No.	Mfg. No.	Size"	Overall Length"	Price /Each
TYR266	P2-140A	3/8 F X 3/8 M	2.38	

3/8" DRIVE DRIVE ADAPTORS - IMPACT

Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
TYR244	PA2-4A	1.375	3/8 F x 1/2 M	

1/2" DRIVE IMPACT EXTENSIONS

Model No.	Mfg. No.	Length"	Price /Each
TY119	P4-105A	5	
TY120	P4-110A	10	

1/2" DRIVE UNIVERSAL JOINTS - IMPACT

Model No.	Mfg. No.	Price /Each
TY115	P4-140A	

1/2" DRIVE ADAPTORS - IMPACT

Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
TY116	PA4-2A	1.50	1/2 F X 3/8 M	
TY117	PA4-6	1.88	1/2 F x 3/4 M	



IMPACT SOCKETS & ACCESSORIES

3/4" DRIVE STANDARD LENGTH 6-POINT



Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TI555	P2609	9/16"	1.97"	
TI556	P2610	5/8"	1.97"	
TI557	P2611	11/16"	1.97"	
TI558	P2612	3/4"	1.97"	
TI559	P2613	13/16"	2.05"	
TI560	P2614	7/8"	2.05"	
TY122	P2615	15/16"	2.05"	
TY123	P2632	1"	2.05"	
TY124	P2634	1 1/16"	2.05"	
TY125	P2636	1 1/8"	2.05"	
TI561	P2638	1 3/16"	2.05"	
TY126	P2640	1 1/4"	2.05"	
TY127	P2642	1 5/16"	2.2"	
TY128	P2644	1 3/8"	2.2"	
TY129	P2646	1 7/16"	2.2"	
TY130	P2648	1 1/2"	2.2"	
TI562	P2650	1 9/16"	2.44"	
TY131	P2652	1 5/8"	2.44"	
TI564	P2656	1 3/4"	2.44"	
TI565	P2658	1 13/16"	2.68"	
TI566	P2660	1 7/8"	2.68"	
TI567	P2662	1 15/16"	2.76"	
TI568	P2664	2"	2.83"	
TYQ989	P2668	2 1/8"	2.83"	
TYQ990	P2670	2 3/16"	2.91"	
TYQ991	P2672	2 1/4"	2.91"	
TYQ993	P2676	2 3/8"	2.95"	

METRIC

Model No.	Mfg. No.	Size	Overall Length	Price /Each
TI591	MP3419H	19 mm	52 mm	
TI592	MP3420H	20 mm	52 mm	
TI593	MP3421H	21 mm	52 mm	
TI594	MP3422H	22 mm	52 mm	
TI595	MP3423H	23 mm	52 mm	
TI596	MP3424H	24 mm	52 mm	
TYQ954	MP3425H	25 mm	52 mm	
TI597	MP3426H	26 mm	52 mm	
TI598	MP3427H	27 mm	52 mm	
TI600	MP3430H	30 mm	52 mm	
TI602	MP3432H	32 mm	52 mm	
TI609	MP3441H	41 mm	58 mm	
TI611	MP3443H	43 mm	63 mm	
TI612	MP3446H	46 mm	63 mm	
TI613	MP3450H	50 mm	72 mm	

1" DRIVE DEEP IMPACT LENGTH 6-POINT



Model No.	Mfg. No.	Size	Overall Length	Price /Each
TYQ840	17-628	7/8"	2.33	
TYQ841	17-630	15/16"	3.54	
TYQ842	17-632	1"	3.54	
TYQ843	17-634	1 1/16"	3.54	
TYQ844	17-636	1 1/8"	3.54	
TYQ845	17-638	1 3/16"	3.54	
TYQ846	17-640	1 1/4"	3.54	
TYQ847	17-642	1 5/16"	3.54	
TYQ848	17-644	1 3/8"	3.54	
TYQ850	17-648	1 1/2"	3.62	
TYQ851	17-650	1 9/16"	3.62	
TYQ852	17-652	1 5/8"	3.62	
TYQ854	17-656	1 3/4"	3.62	
TYQ855	17-658	1 13/16"	3.62	
TYQ856	17-660	1 7/8"	3.62	
TYQ857	17-662	1 15/16"	3.62	
TYQ858	17-664	2"	3.74	
TYQ859	17-666	2 1/16"	3.74	
TYQ860	17-668	2 1/8"	3.94	
TYQ861	17-670	2 3/16"	3.94	
TYQ862	17-672	2 1/4"	3.94	
TYQ864	17-676	2 3/8"	4.13	
TYQ865	17-678	2 7/16"	4.33	
TYQ866	17-680	2 1/2"	4.33	
TYQ868	17-684	2 5/8"	4.72	
TYQ869	17-686	2 3/4"	4.88	

3/4" DRIVE DEEP LENGTH 6-POINT



Model No.	Mfg. No.	Size	Overall Length	Price /Each
S.A.E.				
TI569	PL2609	9/16"	3.25"	
TI570	PL2610	5/8"	3.25"	
TI571	PL2611	11/16"	3.25"	
TI572	PL2612	3/4"	3.35"	
TI573	PL2613	13/16"	3.35"	
TI574	PL2614	7/8"	3.35"	
YB098	PL2615	15/16"	3.35"	
YB099	PL2632	1"	3.35"	
TYR198	PL2634	1 1/16"	3.35"	
TI575	PL2636	1 1/8"	3.35"	
YC134	PL2638	1 3/16"	3.35"	
TI576	PL2640	1 1/4"	3.35"	
TI577	PL2642	1 5/16"	3.35"	
TI578	PL2644	1 3/8"	3.35"	
TI579	PL2646	1 7/16"	3.35"	
TI580	PL2648	1 1/2"	3.74"	
TI581	PL2650	1 9/16"	3.74"	
TI582	PL2652	1 5/8"	3.74"	
TI583	PL2654	1 11/16"	3.74"	
TI584	PL2656	1 3/4"	3.74"	
TI585	PL2658	1 13/16"	3.74"	
TI586	PL2660	1 7/8"	3.74"	
TI587	PL2662	1 15/16"	3.74"	
TI588	PL2664	2"	3.74"	

METRIC

Model No.	Mfg. No.	Size	Overall Length	Price /Each
TI642	MPD3421H	21 mm	90 mm	
TI643	MPD3422H	22 mm	90 mm	
TYR175	MPD3423H	23 mm	90 mm	
TI644	MPD3424H	24 mm	90 mm	
TYR176	MPD3425H	25 mm	90 mm	
TI645	MPD3426H	26 mm	90 mm	
TI646	MPD3427H	27 mm	90 mm	
TI647	MPD3430H	30 mm	90 mm	
TI648	MPD3432H	32 mm	90 mm	
TI650	MPD3436H	36 mm	90 mm	
TI609	MPD3441H	41 mm	92 mm	
TYR181	MPD3446H	46 mm	92 mm	
TYR182	MPD3450H	50 mm	95 mm	

1" DRIVE STANDARD IMPACT LENGTH 6-POINT



Model No.	Mfg. No.	Size	Overall Length	Price /Each
TI654	7-624	3/4"	2.28	
TI656	7-628	1/2"	2.28	
TI658	7-632	1"	2.28	
TI659	7-634	1 1/16"	2.28	
TI660	7-636	1 1/8"	2.28	
TI661	7-638	1 3/16"	2.36	
TI662	7-640	1 1/4"	2.36	
TI664	7-644	1 3/8"	2.44	
TI666	7-648	1 1/2"	2.44	
TI668	7-652	1 5/8"	2.44	
TI670	7-656	1 3/4"	2.52	
TI672	7-660	1 7/8"	2.6	
TI674	7-664	2"	2.76	
TI675	7-666	2 1/16"	2.76	
TI676	7-668	2 1/8"	2.76	
TI678	7-672	2 1/4"	2.95	
TI679	7-674	2 5/16"	2.95	
TI680	7-676	2 3/8"	3.07	
YA993	7-680	2 1/2"	3.15	
YA994	7-684	2 5/8"	3.23	
TI684	7-688	2 3/4"	3.35	
TI686	7-692	2 7/8"	3.43	
TI688	7-696	3"	3.86	
TI689	7-6100	3 1/8"	3.94	
TI690	7-6104	3 1/4"	3.94	
TI692	7-6112	3 1/2"	4.13	
TI693	7-6116	3 5/8"	4.13	
TI694	7-6124	3 7/8"	4.13	
TI695	7-6128	4"	4.13	
TI696	7-6132	4 1/8"	4.13	
TI697	7-6136	4 1/4"	4.13	
TI698	7-6144	4 1/2"	4.13	

3/4" DRIVE ADAPTERS - IMPACT



Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
TY118	PA6-4	2.19	3/4 F x 1/2 M	
TI617	PA6-7	2.56	3/4 F x 1 M	

3/4" DRIVE EXTENSIONS - IMPACT



Model No.	Mfg. No.	Overall Length"	Price /Each
TI618	P6-107	7	
TI619	P6-110	10	
TI620	P6-113	13	

3/4" DRIVE UNIVERSAL JOINT - IMPACT



Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
MLN430	P6-140A	4	3/4 F x 3/4 M	

3/4" DRIVE O-RINGS & RETAINER PINS

- Can be used for removal of Budd Wheels



Model No.	Mfg. No.	Description	Price /Each
TI622	PLR34	0.14" x 1.687" Outer Diameter Locking Ring	
TI623	PLP34	0.185" x 1.45" Long Locking Pin	

1" DRIVE ADAPTERS - IMPACT



Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
TI614	PA7-6	2.875	1 F x 3/4 M	
TI615	PA7-8	3.25	1 F x 1 1/2 M	
TI616	PA8-7	3.25	1/2 F x 1 M	

1" DRIVE EXTENSIONS - IMPACT



Model No.	Mfg. No.	Overall Length"	Price /Each
TI621	P5406	7	
TYR313	P5410	10	
TYR314	P5413	13	

1" DRIVE UNIVERSAL JOINT - IMPACT



Model No.	Mfg. No.	Overall Length"	Size"	Price /Each
TYR531	P7-140A	4.375	1 F x 1 M	

1" DRIVE O-RINGS & RETAINER PARTS

- Can be used for removal of Budd Wheels



Model No.	Mfg. No.	Description	Price /Each
TI624	PLR100	0.21" x 2.15" Outer Diameter Locking Ring	
TI625	PLP100	0.185" x 1.45" Long Locking Pin	



IMPACT SOCKETS & ACCESSORIES



1 1/2" DRIVE SOCKETS 6-POINT STANDARD IMPACT

Model No.	Mfg. No.	Size"	Overall Length"	Price /Each
TYQ881	8-664	2	3.43	
TYQ882	8-666	2 1/16	3.43	
TYQ883	8-668	2 1/8	3.54	
TYQ884	8-670	2 3/16	3.54	
TYQ885	8-672	2 1/4	3.62	
TYQ887	8-676	2 3/8	3.62	
TYQ888	8-678	2 7/16	3.74	
TYQ889	8-680	2 1/2	3.74	
TYQ891	8-684	2 5/8	3.94	
TYQ893	8-688	2 3/4	3.94	
TYQ895	8-692	2 7/8	4.06	
TYQ897	8-696	3	4.06	
TYQ898	8-698	3	4.33	
NJH077	8-6100	3 1/8	4.33	
TYW930	8-6102	3 1/5	4.33	
NJH078	8-6104	3 1/4	4.33	
TYW932	8-6108	3 3/8	4.65	
TYW934	8-6112	3 1/2	4.65	
TYW936	8-6116	3 5/8	4.65	
TYW938	8-6120	3 3/4	4.65	
TYW940	8-6124	3 7/8	4.92	
NJH079	8-6128	4	4.92	
TYW942	8-6130	4 1/16	4.92	
TYW943	8-6132	4 1/8	4.92	
TYW944	8-6134	4 3/16	4.92	
TYW945	8-6136	4 1/4	4.92	
TYW946	8-6138	4 5/16	4.92	
TYW947	8-6140	4 3/8	4.92	
TYW949	8-6144	4 1/2	5.31	
TYW950	8-6148	4 5/8	5.31	
TYW951	8-6152	4 3/4	5.31	

1 1/2" DRIVE SOCKETS 6-POINT STANDARD IMPACT

Model No.	Mfg. No.	Size"	Overall Length"	Price /Each
TYQ925	9-696	3	5.25	
TYW953	9-6100	3 1/8	5.25	
TYW954	9-6104	3 1/4	5.25	
TYW955	9-6108	3 3/8	5.25	
TYW957	9-6112	3 1/2	5.5	
TYW959	9-6120	3 3/4	5.75	
TYW961	9-6128	4	6	
TYW962	9-6132	4 1/8	6.25	
TYW963	9-6136	4 1/4	6.5	
TYW964	9-6140	4 3/8	6.75	
TYW965	9-6144	4 1/2	7	
TYW966	9-6148	4 5/8	7	
TYW967	9-6152	4 3/4	7.25	
TYW969	9-6160	5	7.75	
TYW970	9-6164	5 1/8	7.75	
TYW971	9-6168	5 1/4	7.75	
TYW972	9-6176	5 1/2	8	
TYW973	9-6180	5 5/8	8	
TYW974	9-6184	5 3/4	8	
TYW975	9-6208	6 1/2	8.5	
TYW976	9-6220	6 7/8	8.5	
TYW977	9-6232	7 1/4	9	
TYW978	9-6244	7 5/8	9	
NJH119	9-6256	8	9.25	

1 1/2" DRIVE O-RINGS & RETAINER PINS



Model No.	Mfg. No.	Description	Price /Each
TYS153	PLR150	0.21" X 3.3" Outer Diameter Locking Ring	
TYS152	PLP150	0.250 x 2.9 Long Locking Pin	



1 1/2" DRIVE IMPACT EXTENSIONS

Model No.	Mfg. No.	Overall Length"	Price /Each
TYR530	P8-108	8	



2 1/2" DRIVE SOCKETS 6-POINT DEEP - IMPACT

Model No.	Mfg. No.	Size"	Overall Length"	Price /Each
TYR141	9-6110L	3 7/16	7.75	
TYR142	9-6112L	3 1/2	7.75	
TYR143	9-6116L	3 5/8	8	
TYR144	9-6120L	3 3/4	8	
TYR145	9-6124L	3 7/8	8.25	
TYR146	9-6128L	4	8.25	
TYR147	9-6132L	4	8.5	
TYR148	9-6136L	4 1/8	8.75	
TYR149	9-6140L	4 1/4	8.75	
TYR150	9-6144L	4 3/8	9	
TYR151	9-6148L	4 1/2	9	
TYR152	9-6152L	4 5/8	9.25	
TYR153	9-6156L	4 3/4	9.5	
TYR154	9-6160L	5	9.75	



1 1/2" DRIVE SOCKETS 6-POINT DEEP - IMPACT



Model No.	Mfg. No.	Size"	Overall Length"	Price /Each
TYR123	8-664L	2	5.31	
TYR124	8-666L	2 1/16	5.51	
TYR125	8-668L	2 1/8	5.51	
TYR126	8-670L	2 3/16	5.51	
TYR127	8-672L	2 1/4	5.91	
TYR128	8-674L	2 5/16	5.91	
TYR129	8-676L	2 3/8	5.91	
TYR131	8-680L	2 1/2	5.91	
TYR133	8-684L	2 5/8	5.91	
TYR135	8-688L	2 3/4	6.3	
TYR137	8-692L	2 7/8	6.3	
TYR139	8-696L	3	6.69	
TYR140	8-698L	3	6.69	
TYR090	8-6100L	3 1/8	6.69	
TYR092	8-6104L	3 1/4	6.69	
TYR094	8-6108L	3 3/8	6.69	
TYR096	8-6112L	3 1/2	6.69	
TYR098	8-6116L	3 5/8	6.69	
TYR100	8-6120L	3 3/4	7.09	
TYR102	8-6124L	3 7/8	7.09	
TYR104	8-6128L	4	7.48	
TYR105	8-6130L	4 1/16	7.48	
TYR106	8-6134L	4 3/16	7.48	
TYR107	8-6136L	4 1/4	7.48	
TYR108	8-6138L	4 5/16	7.87	
TYR109	8-6140L	4 3/8	7.87	
TYR110	8-6144L	4 1/2	8.27	
TYR111	8-6148L	4 5/8	8.27	
TYR112	8-6152L	4 3/4	8.27	



Canada's Leading Material Handling Supplier



5-PC. 6-POINT 3/8" DRIVE UNIVERSAL IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 3/8", 7/16", 1/2", 9/16", 5/8"

Model No. TYR344
Mfg. No. 25805
Price/Each \$



8-PC. 6-POINT 3/8" DRIVE IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Model No. TYR453
Mfg. No. P8T
Price/Each \$



8-PC. 6-POINT 3/8" DRIVE DEEP IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Model No. TYR343
Mfg. No. 25058
Price/Each \$



12-PC. 6-POINT 3/8" DRIVE IMPACT SOCKET SETS - METRIC

- Includes socket rail
- Set contains sockets from 8 mm to 19 mm

Model No. TYR345
Mfg. No. 29612
Price/Each \$



12-PC. 6-POINT 3/8" DRIVE DEEP IMPACT SOCKET SETS - METRIC

- Includes socket rail
- Set contains sockets from 8 mm to 19 mm

Model No. TYR346
Mfg. No. 29622
Price/Each \$



10-PC. 6-POINT 3/4" DRIVE IMPACT SOCKET SETS

- Includes (2) socket rails
- Includes the following sizes: 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 5/16", 1 3/8", 1 7/16", 1 1/2", 1 5/8"

Model No. TY121
Mfg. No. 45010
Price/Each \$



11-PC. 6-POINT 1/2" DRIVE DEEP IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1, 1 1/16", 1 1/8", 1 1/4"

Model No. TYQ627
Mfg. No. P11T
Price/Each \$



10-PC. 6-POINT 1/2" DRIVE UNIVERSAL IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

Model No. TYQ611
Mfg. No. 35810
Price/Each \$



11-PC. 6-POINT 1/2" DRIVE DEEP IMPACT SOCKET SETS

- Includes socket rail
- Includes the following sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

Model No. TYQ629
Mfg. No. PL11T
Price/Each \$



12-PC. 6-POINT 1/2" DRIVE IMPACT SOCKET SETS - METRIC

- Includes socket rail
- Set contains sockets from 8 mm to 19 mm

Model No. TYQ617
Mfg. No. 39062
Price/Each \$



14-PC. 6-POINT 1/2" DRIVE DEEP IMPACT SOCKET SETS - METRIC

- Includes socket rail
- Set contains sockets from 10 mm to 23 mm

Model No. TYQ619
Mfg. No. 39214
Price/Each \$



10-PC. 6-POINT 3/4" DRIVE DEEP IMPACT SOCKET SETS

- Includes (2) socket rails
- Includes the following sizes: 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 5/16", 1 3/8", 1 7/16", 1 1/2", 1 5/8"

Model No. TYQ622
Mfg. No. 45260
Price/Each \$



IMPACT SOCKET SETS

IMPACT STANDARD SOCKET SETS 1/2" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage
- 6-point sockets



GEARWRENCH

Model No.	Mfg. No.	No. of Pieces	Description	Price /Each
TLV393	84932N	19	SAE 3/8" to 1 1/2"	
TLV394	84933N	25	Metric 8 mm to 36 mm	

12-PC. IMPACT STANDARD SOCKET SETS, 1/2" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage
- 6-point sockets



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV391	84931N	SAE 3/8" to 1 1/16"	
TLV392	84930N	Metric 8 mm to 19 mm	

13-PC. IMPACT UNIVERSAL SOCKET SETS, 1/2" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage
- 6-point sockets



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV399	84938N	SAE 1/2" to 1 1/4"	
TLV400	84939N	Metric 10 mm to 24 mm	

IMPACT DEEP SOCKET SETS, 1/2" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage
- 6-point sockets



GEARWRENCH

Model No.	Mfg. No.	No. of Pieces	Description	Price /Each
TLV397	84934N	19	SAE 3/8" to 1 1/2"	
TLV398	84935N	29	Metric 8 mm to 36 mm	

12-PC. IMPACT DEEP SOCKET SETS, 1/2" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage
- 6-point sockets



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV395	84942N	SAE 3/8" to 1 1/16"	

44-PC. IMPACT SAE/METRIC STANDARD & DEEP SOCKET SETS, 3/8" DRIVE

- Chrome molybdenum alloy steel (CR-MO) for exceptional strength and long lasting durability
- High visibility laser-etched markings
- Reinforced molded case with sizes marked for quick identification and storage

INCLUDES:

- 6-point 5/16" to 3/4" standard and deep sockets
- 6-point 8 mm to 19 mm standard and deep sockets, and a 21 mm deep socket
- 3 extensions (3", 6" and 10")

Model No. TLV390
Mfg. No. 84916N
Price/Each \$



GEARWRENCH

TORQUE WRENCHES

DIAL TORQUE WRENCH

- Large easy-to-read dial
- Fast, accurate and easy to set in any industrial workplace
- Accuracy: $\pm 3\%$ CW $\pm 4\%$ CCW
- Includes custom molded plastic case



Model No.	Mfg. No.	Capacity		Increments		Drive Size"	Overall Length"	Price /Each
NKE124	DIN75B	0-75 in-lbs.	0-9 Nm	5 in-lbs.	0.25 Nm	1/4	10.5	
NKE123	DIN250B	0-250 in-lbs.	0-30 Nm	5 in-lbs.	0.50 Nm	3/8	10.5	
NJI147	DIN600B	0-600 in-lbs.	0-70 Nm	10 in-lbs.	2.0 Nm	3/8	10.5	

DIAL TORQUE WRENCH WITH MEMORY NEEDLE

- Large easy-to-read dial
- Fast, accurate and easy to set in any industrial workplace
- Accuracy: $\pm 3\%$ CW $\pm 4\%$ CCW
- Includes custom molded plastic case



Model No.	Mfg. No.	Capacity		Increments		Drive Size"	Overall Length"	Price /Each
QP111	DFN50B	0-50 ft-lbs.	0-70 Nm	1 ft-lbs.	2 Nm	3/8	10.5	
NJI146	DFN250B	0-250 ft-lbs.	0-350 Nm	5 ft-lbs.	10 Nm	1/2	21.5	
TYR658	DFF1000	0-1000 ft-lbs.	0-1400 Nm	20 ft-lbs.	25 Nm	1	74	

HEAVY-DUTY MICRO-ADJUSTABLE TORQUE WRENCH

- Power Source: AC
- Type Of Bulb: LED
- Measurement System: Metric
- Rugged metal knurled handles
- Quick-release button for faster socket retention and removal
- Can be trusted in any automotive, aircraft, marine and industrial applications
- Operates and ratchets in both left and right hand directions
- Includes custom molded plastic case



Model No.	Mfg. No.	Square Drive"	Capacity		Increments		Overall Length"	Head Style	Price /Each
NJH064	81250	1/4	30-250 in-lbs.	4-28.8 Nm	1 in-lbs.	0.11 Nm	12 1/2	Fixed	
NJH066	82250	3/8	30-250 in-lbs.	4-28.8 Nm	1 in-lbs.	0.11 Nm	12 1/2	Fixed	
TYW979	MFR80FL	3/8	10-80 ft-lbs.	13.5 - 108.5 Nm	0.5 ft-lbs.	1.4 Nm	16 1/2	Flex	
NJH065	82100	3/8	10-100 in-lbs.	23.7-139 Nm	0.5 ft-lbs.	0.7 Nm	17	Fixed	
NJH070	83250	1/2	30-250 in-lbs.	47.5-345.8 Nm	1 ft-lbs.	1.4 Nm	22	Fixed	
TY272	MFR250H	1/2	30-250 in-lbs.	47-332 Nm	1 ft-lbs.	1.4 Nm	24 1/4	Fixed	
NJH075	84600	3/4	100-600 in-lbs.	169-847 Nm	5 ft-lbs.	7.0 Nm	46	Fixed	
TY273	MFR600H	3/4	100-600 in-lbs.	169-779 Nm	5 ft-lbs.	6.8 Nm	43	Fixed	
TYR634	MF2000	1	300-2000 ft-lbs.	474-2700 Nm	10 ft-lbs.	13.5 Nm	109	Fixed	

TORQUE MULTIPLIER

- Accuracy: $\pm 5\%$



Model No.	Mfg. No.	Max Input Torque		Max Output Torque		Input Drive"	Output Drive"	Weight With Case	Price /Each
TYR665	TM750A	227	303	750	1017	1/2 F	3/4 M	4 lbs.	
TYR662	TM1200	200	271	1200	1627	1/2 F	3/4 M	12.5 lbs.	
TYR663	TM2200	162	271	2200	2983	1/2 F	1 M	15.2 lbs.	
TYR664	TM3200	173	235	3200	4339	1/2 F	1 M	19.9 lbs.	

BEAM TORQUE WRENCH

- Scale includes both SAE (In/Lb, Ft/Lb) and Metric (Nm)
- Serviceable by bending pointer to zero before use
- Palm-fit handle pivots on beam to maintain constant distance from drive point to load point for precise measurement
- Directly measure a variety of torque values when tightening fasteners
- Pointer moves clockwise or counter-clockwise ($\pm 7\%$) to measure torque



TDS979

MICROMETER TORQUE WRENCHES

- Pliable, elastomer handle grip for superior comfort and oil resistance
- Accurate in clockwise direction $\pm 3\%$ in upper 80% of the range
- Micrometer twist lock ring provides secure locking mechanism
- Sealed tear-drop head provides access and strength and keeps out contaminants



TLV411

GEARWRENCH

Model No.	Mfg. No.	Overall Length"	Drive Size"	Torque Range	Increments	Tool Weight lbs.	Price /Each
TDS979	2955D	11	1/4	0-60 in-lbs.	2.5 in-lbs.	0.85	
TDS941	2956D	16	3/8	0-600 in-lbs.	50 in-lbs.	1.45	
TDS949	2957N	20	1/2	0-150 ft-lbs.	5 ft-lbs.	1.89	

GEARWRENCH

Model No.	Mfg. No.	Drive"	Torque Range	Price /Each
TLV411	85060	1/4	30-200 in-lbs.	
TLV412	85061	3/8	25-250 in-lbs.	
TLV413	85062	3/8	10-100 ft-lbs.	
TLV414	85066	1/2	30-250 ft-lbs.	

TORQUE SCREWDRIVERS

TORQUE LIMITING SCREWDRIVER

- Highly durable and easy to use
- Aluminum housings reduces weight and maximizes durability
- Smooth, accurate and consistent performance when tightening fasteners
- Roller bearing cam mechanism automatically slips to prevent over-tightening when maximum torque setting is achieved
- Easy-release bit holder securely retains bits during in operation while permitting easy removal
- Spring-loaded locking collar locks the scale at the desired torque setting
- Ideal for precision electronics assembly and other light screw assembly applications
- Working parts are heat treated for added strength and durability
- Meets or exceeds ASME B107.14M and ISO 6789 specifications
- Accuracy: +/- 6% clockwise
- Length: 6-1/2"
- Handle type: Steel

TYO342



Model No.	Mfg. No.	Torque Range	Increments	Drive Size"	Tool Weight oz.	Price /Each
TYO342	TS-100	20-200 in-oz	2 in-oz.	1/4 Hex	8	
TYO343	TS-30	6-30 in-lbs.	1 in-lbs.	1/4 Hex	8	
TYO344	TS-35	6-36 in-lbs.	1 in-oz.	1/4 Hex	8	
TYO345	TS-3M	0.7-3.5 Nm	0.1 Nm	1/4 Hex	8	

TORQUE LIMITING SCREWDRIVER KIT

Kit Includes

- 1 Miniature Adjustable Torque Limiting Screwdriver, 5-20 in-oz. (TYO346)
- 1 Miniature Torque Screwdriver Blade .040"
- 1 Miniature Torque Screwdriver Blade .055"
- 1 Miniature Torque Screwdriver Blade .070"
- 1 Miniature Torque Screwdriver Blade .080"
- 1 Miniature Torque Screwdriver Blade .100"
- 1 Miniature Phillips Screwdriver Sz. 0, 1
- 1 Miniature Phillips Screwdriver Sz. 2, 3, 4
- 1 Miniature Spline Key Size .048" - 4 Flutes
- 1 Miniature Spline Key Size .048" - 6 Flutes
- 1 Miniature Spline Key Size .060" - 6 Flutes
- 1 Miniature Spline Key Size .069" - 6 Flutes
- 1 Miniature Spline Key Size .072" - 6 Flutes
- 1 Miniature Spline Key Size .076" - 4 Flutes
- 1 Miniature Spline Key Size .096" - 6 Flutes
- 2 Miniature Bit Holder Universal Torque
- 1 Miniature Hex Socket 5/64"
- 1 Miniature Hex Socket 3/32"
- 1 Miniature Hex Socket 7/64"
- 1 Miniature Hex Socket 1/8"
- 1 Miniature Hex Socket 5/32"
- 1 Miniature Hex Key .028"
- 1 Miniature Hex Key .035"
- 1 Miniature Hex Key .050"
- 1 Miniature Hex Key 1/16"
- 1 Miniature Hex Key 5/64"
- 1 Case
- 1 Insert

TYO347



Model No. TYO347

Mfg. No. KTT-1

Price/Each \$



MINIATURE ADJUSTABLE TORQUE LIMITING SCREWDRIVER

- Accuracy: +/- 6% Clockwise
- Length: 3-5/8"

TYO346



Model No.	Mfg. No.	Torque Range	Drive Size"	Increments	Tool Weight oz.	Price /Each
TYO346	TT-1	5-20 in-oz.	Universal	1/4 in-oz.	0.96	

TORQUE SCREWDRIVER SET

- Compact, easy to use set includes the Torque Screwdriver, a 6-piece bit set and a rugged blow-molded case with foam inserts for a tight, organized fit
- Increased usability and readability plus a wider torque range
- Tri-lobular design with a textured finish for better grip
- Lightweight, aluminum frame
- N.I.S.T. traceable calibration certificate
- Bits Included: Six 3-1/2" power drivers: Phillips #1 and #2; Slotted 3/16" and 1/4"; and Square #1 and #2
- Made in the USA



KLEIN TOOLS
For Professionals... Since 1857™

Model No.	Mfg. No.	Torque Range	Length"	Handle Type	Price /Each
TYO550	57032	5-40 in-lbs.	5	Plastic	

Safety Products for Industry

ADJUSTABLE HEAD HOOK SPANNER WRENCHES



Model No.	Mfg. No.	Diameter Range"	Length"	Price /Each
TYQ451	AHS2	3/4 - 2	6 1/2	
TYQ452	AHS3	1 1/4 - 3	8	
TYQ453	AHS4	2 - 4 3/4	11 7/16	
TYQ454	AHS6	4 1/2 - 6 1/4	12	
TYQ455	AHS8	6 1/8 - 8 3/4	13 1/2	

ADJUSTABLE HEAD PIN SPANNER WRENCHES



Model No.	Mfg. No.	Diameter Range"	Length"	Price /Each
TYQ459	APS2	3/4 - 2	6 3/8	
TYQ460	APS21	3/4 - 2	6 3/8	
TYQ461	APS3	1 1/4 - 3	8 1/8	
TYQ462	APS31	1 1/4 - 3	8 1/8	
TYQ463	APS4	2 - 4 3/4	11 3/8	
TYQ464	APS6	4 1/2 - 6 1/4	12 1/8	

ADJUSTABLE WRENCHES - MATTE FINISH



Model No.	Mfg. No.	Maximum Opening"	Length"	Price /Each
VT857	65304	1	3/16	
TYQ425	65306A	1 1/4	7/32	
TYQ427	65308A	1 1/2	7/32	
TYQ429	65310A	1 3/4	7/32	
TYQ431	65312A	2	1/4	
TYQ433	65315A	2 1/4	1/4	
VT863	65318	2 1/2	9/32	
VT864	65324	3	5/16	

STRUCTURAL ADJUSTABLE WRENCH WITH SIDE HAMMER



Model No.	Mfg. No.	Jaw Opening"	Length"	Price /Each
TYQ437	900H	1 13/16	15	

ADJUSTABLE FACE PIN SPANNER WRENCHES



Model No.	Mfg. No.	Capacity"	Length"	Price /Each
TYQ456	AFS2	3/16 x 2	6 3/8	
TYQ457	AFS3	1/4 x 3	8 1/4	
TYQ458	AFS4	5/16 x 4	10 3/8	

STRUCTURAL WRENCHES - OFFSET HEAD



Model No.	Mfg. No.	Hex Size"	Length"	Price /Each
TYQ444	903A	5/8	12	
TYQ445	904A	3/4	12	
TYQ438	905	7/8	14.5	
NJH095	906	15/16	14.5	
TYQ446	906B	1	14.5	
TYQ439	907	1 1/16	16	
TYQ447	907A	1 1/8	16	

Model No.	Mfg. No.	Hex Size"	Length"	Price /Each
TYQ440	908	1 1/4	19	
TYQ448	908A	1 5/16	19	
TYQ441	909	1 7/16	20	
TYQ449	909A	1 1/2	20	
TYQ442	910	1 5/8	20	
TYQ443	912	2	24	

STRUCTURAL ADJUSTABLE WRENCH



Model No.	Mfg. No.	Overall Length"	Capacity"	Price /Each
TYQ419	900	15	1 3/4	

WRENCHES

DOUBLE BOX FIXED HEAD HEADED WRENCH



Model No.	Mfg. No.	Opening	Length	Price /Each
SAE				
TYQ372	561012	5/16" x 3/8"	5.11"	
TYQ373	561416	7/16" x 1/2"	6.69"	
TYQ374	561820	9/16" x 5/8"	8.26"	
TYQ375	562224	11/16" x 3/4"	9.05"	
METRIC				
TYQ366	550809	8 mm x 9 mm	144 mm	
TYQ367	551011	10 mm x 11 mm	157 mm	
TYQ368	551213	12 mm x 13 mm	165 mm	
TYQ369	551415	14 mm x 15 mm	172 mm	
TYQ370	551618	16 mm x 18 mm	182 mm	
TYQ371	551719	17 mm x 19 mm	189 mm	

12-POINT SAE 45° OFFSET STRIKING FACE BOX WRENCHES



Model No.	Mfg. No.	Size	Length	Price /Each
TYQ310	66832	1"	11"	
TYQ311	66834	1 1/16"	11"	
TYQ312	66836	1 1/8"	11"	
TYQ313	66838	1 3/16"	11"	
TYQ314	66840	1 1/4"	11"	
TYQ315	66842	1 5/16"	11"	
TYQ316	66844	1 3/8"	11"	
TYQ317	66846	1 7/16"	12 1/2"	
TYQ318	66848	1 1/2"	12 1/4"	
TYQ319	66850	1 9/16"	12 1/2"	
TYQ320	66852	1 5/8"	12 1/2"	
TYQ321	66854	1 11/16"	12 1/2"	
TYQ322	66856	1 3/4"	13"	
TYQ323	66858	1 13/16"	12 1/4"	
TYQ324	66860	1 7/8"	12 1/4"	
TYQ325	66862	1 15/16"	13"	
MLN426	66866	2"	12 3/4"	
TYQ327	66868	2 1/16"	13"	
TYQ328	66870	2 1/8"	14"	
TYQ329	66872	2 3/16"	14"	
TYQ330	66874	2 1/4"	14"	
TYQ331	66876	2 5/16"	14"	
TYQ332	66878	2 3/8"	14"	
TYQ333	66880	2 7/16"	14 1/2"	
TYQ334	66882	2 1/2"	14 1/2"	
TYQ335	66884	2 9/16"	14 1/2"	
TYQ336	66886	2 5/8"	14 1/2"	
TYQ337	66888	2 11/16"	15"	
TYQ338	66890	2 3/4"	16"	
TYQ339	66892	2 13/16"	16"	
TYQ340	66894	2 7/8"	16"	
TYQ341	66896	2 15/16"	16"	
TYQ342	66896	3"	16"	
TYQ343	66898	3 1/16"	16"	
TYQ344	66899	3 1/8"	16"	

6-POINT CHROME COMBINATION WRENCHES



Model No.	Mfg. No.	Size	Length	Price /Each
SAE				
TYQ085	3208	1/4"	5"	
QC174	3210	5/16"	5 1/2"	
QC175	3211	11/32"	5 1/2"	
QC176	3212	3/8"	6"	
QC177	3214	7/16"	6 1/2"	
QC178	3216	1/2"	7"	
QC179	3218	9/16"	7 1/2"	
QC180	3220	5/8"	8"	
QC181	3222	11/16"	8 7/8"	
QC182	3224	3/4"	3 3/4"	
QC183	3226	13/16"	10 5/8"	
QC184	3228	7/8"	11 1/2"	
TYQ097	3230	15/16"	12 3/8"	
METRIC				
TYQ199	MC606	6 mm	127 mm	
TYQ200	MC607	7 mm	127 mm	
TYQ201	MC608	8 mm	140 mm	
TYQ202	MC609	9 mm	152 mm	
TYQ204	MC610	10 mm	165 mm	
TYQ205	MC611	11 mm	165 mm	
TYQ206	MC612	12 mm	178 mm	
TYQ207	MC613	13 mm	178 mm	
TYQ208	MC614	14 mm	191 mm	
TYQ209	MC615	15 mm	191 mm	
TYQ210	MC616	16 mm	205 mm	
TYQ211	MC617	17 mm	225 mm	
TYQ212	MC618	18 mm	225 mm	

12-POINT METRIC 45° OFFSET STRIKING FACE BOX WRENCHES



Model No.	Mfg. No.	Size	Length	Price /Each
TYQ345	66927	27 mm	279 mm	
TYQ346	66930	30 mm	279 mm	
TYQ347	66932	32 mm	279 mm	
TYQ348	66935	35 mm	279 mm	
TYQ349	66936	36 mm	317 mm	
TYQ350	66938	38 mm	317 mm	
TYQ351	66941	41 mm	317 mm	
TYQ352	66943	43 mm	317 mm	
TYQ353	66946	46 mm	324 mm	
TYQ354	66950	50 mm	324 mm	
TYQ355	66951	51 mm	324 mm	
TYQ356	66954	54 mm	355 mm	
TYQ357	66955	55 mm	355 mm	
TYQ358	66957	57 mm	355 mm	
TYQ359	66960	60 mm	355 mm	
TYQ360	66964	64 mm	362 mm	
TYQ361	66965	65 mm	362 mm	
TYQ362	66970	70 mm	406 mm	
TYQ363	66973	73 mm	406 mm	
TYQ364	66975	75 mm	406 mm	
TYQ365	66980	80 mm	406 mm	

12-POINT CHROME COMBINATION WRENCHES



Model No.	Mfg. No.	Size	Length	Price /Each
SAE				
QC131	3108	1/4"	5"	
TYQ038	3110	5/16"	5 1/2"	
QC134	3111	11/32"	5 1/2"	
QC135	3112	3/8"	6"	
QC136	3114	7/16"	6 1/2"	
QC137	3116	1/2"	7"	
TYQ043	3118	9/16"	7 1/2"	
QC157	3120	5/8"	8"	
QC158	3122	11/16"	8 7/8"	
QC159	3124	3/4"	3 3/4"	
QC160	3126	13/16"	10 5/8"	
QC161	3128	7/8"	11 1/2"	
QC162	3130	15/16"	12 3/8"	
QC164	3132	1"	13 1/4"	
QC165	3134	1 1/16"	14 1/8"	
QC166	3136	1 1/8"	15 3/8"	
TYQ053	3138	1 3/16"	15 3/25"	
QC167	3140	1 1/4"	16 3/4"	
QC168	3142	1 5/16"	17 5/8"	
METRIC				
TYQ197	MC6	6 mm	127 mm	
TYQ218	MC7	7 mm	127 mm	
TYQ226	MC8	8 mm	140 mm	
TYQ230	MC9	9 mm	152 mm	
TE504	MC10	10 mm	165 mm	
TYQ153	MC11	11 mm	165 mm	
TYQ154	MC12	12 mm	178 mm	
TJ131	MC13	13 mm	178 mm	
VE140	MC14	14 mm	191 mm	
TYQ155	MC15	15 mm	191 mm	
TYQ156	MC16	16 mm	205 mm	
TJ121	MC17	17 mm	225 mm	
TYQ157	MC18	18 mm	225 mm	
TJ130	MC19	19 mm	248 mm	
TYQ158	MC20	20 mm	270 mm	
TYQ159	MC21	21 mm	270 mm	
TYQ160	MC22	22 mm	292 mm	
TYQ161	MC23	23 mm	292 mm	
TYQ162	MC24	24 mm	314 mm	
TYQ163	MC25	25 mm	314 mm	
TYQ164	MC26	26 mm	337 mm	
TYQ166	MC27	27 mm	359 mm	
TYQ168	MC28	28 mm	391 mm	
TYQ170	MC29	29 mm	391 mm	
TYQ172	MC30	30 mm	391 mm	
TYQ174	MC32	32 mm	425 mm	

CRESCENT ADJUSTABLE WRENCHES



Crescent®

Model No.	Mfg. No.	Length"	Max. Jaw Width"	Price /Each
CHROME FINISH				
VE032	AC24VS	4	1/2	
VE033	AC26VS	6	15/16	
VE034	AC28VS	8	1 1/8	
VE035	AC210VS	10	1 5/16	
VE036	AC212VS	12	1 1/2	
VE037*	AC115	15	1 11/16	
VE038*	AC118	18	2 1/16	
VE039*	AC124	24	2 7/16	
CUSHION GRIP, CHROME FINISH				
VE040	AC24CVS	4	1/2	
VE041	AC26CVS	6	15/16	
VE042	AC28CVS	8	1 1/8	
VE043	AC210CVS	10	1 5/16	
VE044	AC212CVS	12	1 1/2	
VE045*	AC115C	15	1 11/16	

Model No.	Mfg. No.	Length"	Max. Jaw Width"	Price /Each
BLACK PHOSPHATE FINISH				
VE046	AT14V	4	1/2	
VE047	AT16V	6	15/16	
VE048	AT18V	8	1 1/8	
VE049	AT110V	10	1 5/16	
VE050	AT112V	12	1 1/2	
VE051*	AT115	15	1 11/16	
VE052*	AT118	18	2 1/16	
CUSHION GRIP, BLACK PHOSPHATE FINISH				
VE055	AT18CV	8	1 1/8	
VE056	AT110CV	10	1 5/16	
VE057	AT212CVS	12	1 1/2	

*Tapered handle

ADJUSTABLE WRENCHES

- Superior grade chrome vanadium steel
- Precision machined jaws
- Slim profile head slips into cramped quarters
- Tight tolerances ensure close fitting, wobble-free action
- Smooth, non-sticking mechanism
- Black nickel finish resists rust
- Meets ANSI standards



Model No.	Length"	Max. Jaw Width"	Description	Price /Each
TJZ100	6	1	Standard jaw, composite body	
TJZ101	8	1 5/8	Reversible jaw, composite body	
TJZ102	10	1 7/8	Reversible jaw, composite body	
TJZ103	12	1 3/4	Reversible jaw, composite body	
TJZ104	15	1 1/4	Standard jaw, steel body	
TJZ105	18	2 1/4	Standard jaw, steel body	

6-PC. ADJUSTABLE WRENCH SETS

- Kit includes: TJZ100, TJZ101, TJZ102, TJZ103, TJZ104 and TJZ105
- Model No. TLZ796**
Price/Each \$

COMBINATION WRENCHES

- Chrome vanadium steel for strength and durability
- Heat treated for consistent hardness
- Precision broached jaws for sure gripping
- 12-point box end for snug fit
- Thin walled construction for access in cramped quarters
- Meets ANSI standards



aurora tools®

Model No.	Size"	Length"	Price /Each
SAE			
TYK599	1/4	4	
TYK600	5/16	4 3/4	
TYK601	11/32	4 1/4	
TYK602	3/8	5 1/4	
TYK603	7/16	6	
TYK604	1/2	6 3/4	
TYK605	9/16	7	
TYK606	5/8	8	
TYK607	11/16	8 11/16	
TYK608	3/4	9	
TYK609	13/16	9 15/16	
TYK610	7/8	10 1/4	
TYK611	15/16	11 1/2	
TYK612	1	11 3/4	
TYK613	1 1/16	12	
TYK614	1 1/8	12 1/2	
TYK615	1 1/4	13 3/4	

Model No.	Size mm	Length mm	Price /Each
METRIC			
TYK616	6	102	
TYK617	7	121	
TYK618	8	131	
TYK619	9	141	
TYK620	10	151	
TYK621	11	151	
TYK622	12	161	
TYK623	13	171	
TYK624	14	181	
TYK625	15	191	
TYK626	16	201	
TYK627	17	211	
TYK628	18	221	
TYK629	19	231	
TYK630	20	241	
TYK631	21	252	
TYK632	22	261	
TYK633	23	275	
TYK634	24	292	
TYK635	25	300	
TYK636	26	300	
TYK637	27	323	
TYK638	28	323	
TYK639	29	345	
TYK640	30	345	
TYK641	32	373	

COMBINATION WRENCH SETS

- Chrome vanadium steel for strength and durability
- Heat treated for consistent hardness
- Precision broached jaws for sure gripping
- 12-point box end for snug fit
- Thin walled construction for access in cramped quarters
- Meets ANSI standards

aurora tools®



Model No.	Description	Price/Each
TLV053	11 SAE Combination Wrenches: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	
TLV054	11 Metric Combination Wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm	
TLV055	14 SAE Combination Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4"	
TLV056	14 Metric Combination Wrenches: 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm	

WRENCHES

DOUBLE BOX SETS



Model No.	TDS937	TDS890	TDS902
Mfg. No.	9240D	9260	9224D
	4 pcs. Double Box SAE 5/16" – 3/4"	6 pcs. Double Box Metrics 8 mm – 19 mm	4 pcs. Double Box E-Torx E6 – E24
Price/Each	\$	\$	\$

REVERSIBLE RATCHETING WRENCH SETS

- One-finger operated compact reversible lever – No side push pin
- 15° offset provides additional knuckle clearance



Model No.	TDS860	TDS816	TGZ813
Mfg. No.	9533N	9620N	9602N
	8 pcs. SAE 5/16" – 3/4"	12 pcs. metrics 8 mm – 19 mm	16 pcs. metrics 8 mm – 25 mm
Price/Each	\$	\$	\$

XL X-BEAM™ REVERSIBLE COMBINATION RATCHETING WRENCH SETS

- Up to 25% longer to access those hard-to-reach fasteners
- Surface Drive Plus™ reduces fastener rounding and delivers up to 25% more torque
- Improved box end strength
- Up to 500% increase in surface contact area (vs. standard handle wrench)



Model No.	TLZ797	TLZ798
Mfg. No.	85398	85388
	9 pcs. SAE 5/16" – 3/4"	12 pcs. metric 8 mm – 19 mm
Price/Each	\$	\$

COMBINATION RATCHETING WRENCH SETS

- Surface Drive® nearly eliminates fastener rounding
- Exceed ANSI box-end strength requirement
- Forged metal
- Mirror chrome finish
- 5° ratcheting box end



Model No.	TDS803	TDS792	TDS903	TDS904	TDS888	TDS842
Mfg. No.	9312	9416	9317	9417	9308	9412
	13 pcs. SAE 1/4" – 1"	16 PCS. metrics 8 mm – 24 mm	7 pcs. SAE 5/16" – 3/4"	7 pcs. metrics 8 mm – 18 mm	8 pcs. SAE 5/16" – 3/4"	12 pcs. metrics 8 mm – 19 mm
Price/Each	\$	\$	\$	\$	\$	\$

FLEXIBLE RATCHETING WRENCH SETS

- Flex Head: Tilts up to 180° at any interval
- Spring washer design: providing continuous head tension
- One touch direction assistant



Model No.	TGZ814	TGZ815	TDS843	TDS844	TDS829	TDS793
Mfg. No.	9702D	9902D	9700	9900D	9701	9901D
	13 pcs. SAE 5/16" – 1"	16 pcs. metrics 8 mm – 24 mm	7 pcs. SAE 3/8" – 3/4"	7 pcs. metrics 10 mm – 19 mm	8 pcs. SAE 5/16" – 3/4"	12 pcs. metrics 8 mm – 19 mm
Price/Each	\$	\$	\$	\$	\$	\$

XL: EXTRA LONG HIGH PERFORMANCE COMBINATION

- Up to 25% longer for more leverage
- Surface Drive Plus™ - patented anti-spread open end
- Ability to apply more torque
- Minimize fastener rounding
- Oval shaped handle



Model No.	TGZ820	TGZ821	TGZ822	TGZ823
Mfg. No.	85198	85098	85199	85099
	8 pcs. SAE 5/16" – 3/4"	12 pcs. metrics 8 mm – 19 mm	13 pcs. SAE 1/4" – 1"	16 pcs. metrics 8 mm – 24 mm
Price/Each	\$	\$	\$	\$

STUBBY COMBINATION RATCHETING WRENCH SETS

- Ratcheting box end needs as little as 5° to move fasteners
- Up to 25% more torque with less fastener rounding



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV401	9520D	Metric 10-piece set 10 mm to 19 mm	
TLV402	9507D	SAE 7-piece set 3/8" to 3/4"	

STUBBY FLEX COMBINATION RATCHETING WRENCH SETS

- Flex Head tilts up to 180°
- Ratcheting box end needs as little as 5° to move fasteners
- Up to 25% more torque with less fastener rounding



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV403	9550	Metric 10-piece set 10 mm to 19 mm	
TLV404	9570	SAE 7-piece set 3/8" to 3/4"	

INDEXING COMBINATION RATCHETING WRENCH SETS

- 13 locking positions allow access to hard-to-get places
- Wrench pumped by piston motion
- Ratcheting box end needs as little as 5° to move fasteners.
- Up to 25% more torque with less fastener rounding



GEARWRENCH

Model No.	Mfg. No.	Description	Price /Each
TLV405	85488	Metric 12-Piece Set 8 mm to 19 mm	
TLV406	85498	SAE 8-Piece Set 5/16" to 3/4"	

QUADBOX™ RATCHETING WRENCH SETS

- Each wrench has 4 different head sizes
- 4 dedicated recessed reversing levers
- 5° ratcheting mechanism for greater productivity
- Thin profile head for tight hard-to-reach places

GEARWRENCH

Model No.	TLZ799	TLZ800
Mfg. No.	85204	85215
	3 pcs. SAE	4 pcs. metric
	12 head sizes	16 head sizes
	5/16" to 1"	8 mm to 24 mm
Price/Each	\$	\$



VORTEX® RATCHET SET

- Up to 50% thinner head profile than conventional ratchet systems
- Pass-Thru® Ratchet & Socket System eliminates the need for deep sockets
- 11 locking head positions
- 5° ratcheting arc
- Up to 40% stronger than traditional ratchets by eliminating drive tang
- Dual material comfort grip handle



GEARWRENCH

Model No.	TLV384	TLV386
Mfg. No.	891427	891226
Drive Tang Size"	1/4	1/2
Finish	Full Polish Chrome	Full Polish Chrome
SAE Sockets Included	5/32", 3/16", 7/32", 1/4", 9/32" 5/16", 3/8", 7/16", 1/2", 9/16"	5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"
Metric Sockets Included	3.5 mm, 4 mm, 4.5 mm, 5 mm, 5.5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm	15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 20 mm, 21 mm, 22 mm, 24 mm, 27 mm 30 mm, 32 mm
Additional Components	1/4" Vortex Extension 6", 1/4" Vortex Extension 3", 1/4" Drive Pass-Thru® Quick-Release Adapters Carrying Case	1/2" Drive (30 mm) Pass Thru Ratchet XL Locking Flex Head Ratchet, 1/2" Pass-Thru® Quick-Release Adapter, 1/2" Vortex Extension 6", Carrying Case
Price/Each	\$	\$

WRENCHES

12-POINT WRENCHES METRIC STUBBY COMBINATION WRENCHES - 15° OFFSET



Model No.	Mfg. No.	Opening	Length	Price /Each
TYQ114	64206	6 mm	76 mm	
TYQ115	64207	7 mm	76 mm	
TYQ116	64208	8 mm	83 mm	
TYQ117	64209	9 mm	106 mm	
TYQ118	64210	10 mm	127 mm	
TYQ119	64211	11 mm	127 mm	
TYQ120	64212	12 mm	133 mm	
TYQ121	64213	13 mm	133 mm	
TYQ122	64214	14 mm	146 mm	
TYQ123	64215	15 mm	146 mm	
TYQ124	64216	16 mm	155 mm	
TYQ125	64217	17 mm	165 mm	
TYQ126	64218	18 mm	165 mm	
TYQ127	64219	19 mm	171 mm	

SAE CHROME FLARE NUT WRENCHES - 15° OFFSET



Model No.	Mfg. No.	Opening	Length	Price /Each
TYQ384	FL12145	3/8" x 7/16"	6"	
TYQ388	FL16185	1/2" x 9/16"	7"	
TYQ389	FL20225	5/8" x 11/16"	7.75"	

METRIC CHROME FLARE NUT WRENCHES - 15° OFFSET



Model No.	Mfg. No.	Opening	Length	Price /Each
TYQ382	FL0911M	9 mm x 11 mm	152 mm	
TYQ383	FL1012M	10 mm x 12 mm	152 mm	
TYQ385	FL1314M	13 mm x 14 mm	178 mm	
TYQ386	FL1517M	15 mm x 17 mm	196 mm	
TYQ387	FL1618M	16 mm x 18 mm	202 mm	

12-POINT SAE ROUND SHANK LARGE COMBINATION WRENCHES - 15° OFFSET



Model No.	Mfg. No.	Hex Size	Length	Price /Each
TJ990	3150	1 9/16"	24"	
TJ991	3152	1 5/8"	24"	
TJ992	3154	1 11/16"	24"	
TJ993	3156	1 3/4"	24"	
TJ994	3158	1 13/16"	28"	
TJ995	3160	1 7/8"	28"	
TJ996	3162	1 15/16"	28"	
TJ997	3164	2"	28"	
TJ998	3166	2 1/16"	30"	
TJ999	3168	2 1/8"	30"	
TI001	3170	2 3/16"	30"	
TI002	3172	2 1/4"	30"	
TI003	3174	2 5/16"	30.5"	
TI004	3176	2 3/8"	30.5"	
TI005	3178	2 7/16"	30.5"	
TI006	3180	2 1/2"	30.5"	
TI007	3182	2 9/16"	31"	
TI008	3184	2 5/8"	31.5"	
TI009	3186	2 11/16"	32"	
TI010	3188	2 3/4"	32.5"	
TYQ079	3190	2 13/16"	33"	
TYQ080	3192	2 7/8"	33.5"	
TYQ081	3194	2 15/16"	34"	
TYQ082	3196	3"	34.5"	
TYQ083	3198	3 1/16"	35"	
TYQ084	3200	3 1/8"	35.5"	
TYQ098	3304	3 1/4"	36"	
TYQ099	3308	3 3/8"	36.5"	
TYQ100	3312	3 1/2"	37"	
TYQ101	3316	3 5/8"	37.5"	
TYQ102	3320	3 3/4"	38"	
TYQ103	3324	3 7/8"	38.5"	
TYQ104	3328	4"	39"	

OPEN END WRENCHES - 15° HEAD ANGLE



Model No.	Mfg. No.	Opening	Length	Price /Each
SAE				
TYQ244	E68	3/16" x 1/4"	3.87"	
TYQ245	E810	1/4" x 5/16"	4.5"	
TYQ232	E1012	5/16" x 3/8"	5.12"	
TYQ233	E1214	3/8" x 7/16"	5.75"	
TYQ234	E1416	7/16" x 1/2"	6.37"	
TYQ235	E1618	1/2" x 9/16"	7"	
TYQ236	E1820	9/16" x 5/8"	7.62"	
TJ132	E1922	19/32" x 11/16"	8.25"	
TYQ237	E2022	5/8" x 11/16"	8.25"	
TYQ238	E2024	5/8" x 3/4"	8.25"	
TYQ239	E2224	11/16" x 3/4"	8.37"	
TYQ240	E2428	3/4" x 7/8"	9.5"	
TYQ241	E2628	13/16" x 7/8"	10.12"	
TYQ242	E3032	15/16" x 1"	11.37"	
TYQ243	E3440	1 1/16" x 1 1/4"	13.56"	
METRIC				
TYQ256	ME67	6 mm x 7 mm	114 mm	
TYQ257	ME89	8 mm x 9 mm	130 mm	
TE502	ME810	8 mm x 10 mm	130 mm	
TYQ246	ME1011	10 mm x 11 mm	146 mm	
TYQ247	ME1213	12 mm x 13 mm	161 mm	
TYQ248	ME1415	14 mm x 15 mm	193 mm	
TYQ249	ME1617	16 mm x 17 mm	209 mm	
TYQ250	ME1819	18 mm x 19 mm	225 mm	
TYQ251	ME2021	20 mm x 21 mm	241 mm	
TYQ252	ME2122	21 mm x 22 mm	257 mm	
TYQ253	ME2427	24 mm x 27 mm	320 mm	
TYQ254	ME2528	25 mm x 28 mm	320 mm	
TYQ255	ME2732	27 mm x 32 mm	344 mm	

SAE STUBBY COMBINATION WRENCHES - 15° OFFSET



Model No.	Mfg. No.	Opening	Length	Price /Each
TYQ105	63208	1/4"	3"	
TYQ106	63210	5/16"	3.25"	
TYQ107	63212	3/8"	4.18"	
TYQ108	63214	7/16"	5"	
TYQ109	63216	1/2"	5.25"	
TYQ110	63218	9/16"	5.75"	
TYQ111	63220	5/8"	6.12"	
TYQ112	63222	11/16"	6.5"	
TYQ113	63224	3/4"	16.75"	

WRENCHES

6 OR 12-POINT 25° OFFSET RATCHETING BOX WRENCHES



Model No.	Mfg. No.	Opening	Length	Price /Each
SAE				
TYR610*	5201	1/4" x 5/16"	4 1/4"	
TYR611*	5202	3/8" x 7/16"	5 1/4"	
QC751*	5203	1/2" x 9/16"	6 3/4"	
TYR613	5204	5/8" x 11/16"	8"	
TYR614	5205	3/4" x 7/8"	9 1/4"	
TYR616	5207	5/8" x 3/4"	8"	
TYR615	5206	13/16" x 15/16"	9 1/4"	
METRIC				
TYR643*	MROB78	7 mm x 8 mm	108 mm	
TYR644*	MROB910	9 mm x 10 mm	140 mm	
TYR640*	MROB1112	11 mm x 12 mm	171 mm	
TYR641*	MROB1314	13 mm x 14 mm	171 mm	
TYR642	MROB1517	15 mm x 17 mm	203 mm	

* 6 Points

METRIC FLAT RATCHETING BOX WRENCHES



Model No.	Mfg. No.	Opening	Length	Price /Each
6-POINT				
TYR638	MRB78	7 x 8	108	
TYR639	MRB910	9 x 10	140	
TYR635	MRB1112	11 x 12	171	
TYR636	MRB1314	13 x 14	171	
12-POINT				
TYR637	MRB1517	15 x 17	203	

SAE RATCHETING TUBE WRENCHES - BLACK FINISH



Model No.	Mfg. No.	Opening	Length	Price /Each
TYR645	RT12	3/8"	5 3/8"	
TYR646	RT14	7/16"	5 3/8"	
TYR647	RT16	1/2"	5 3/8"	
TYR648	RT18	9/16"	7 1/4"	
TYR649	RT20	5/8"	7 1/4"	
TYR650	RT24	3/4"	7 1/4"	
TYR651	RT28	7/8"	9 1/4"	

SAE FLAT RATCHETING BOX WRENCHES



Model No.	Mfg. No.	Opening	Length	Price /Each
6-POINT				
UQ113	5001	1/4" x 5/16"	4 1/4"	
QC677	5002	3/8" x 7/16"	5 1/4"	
TYR603	5003	1/2" x 9/16"	6 3/4"	
12-POINT				
TYR632	5001T	1/4" x 5/16"	4 1/4"	
WK863	5002T	3/8" x 7/16"	5 1/4"	
TYR633	5003T	1/2" x 9/16"	6 3/4"	
TYR604	5004	5/8" x 7/16"	5 1/4"	
TYR605	5005	3/4" x 7/8"	6 3/4"	
TYR606	5006	5/8" x 3/4"	5 1/4"	
TYR607	5007	13/16" x 15/16"	6 3/4"	
TYR608	5008	1" x 1 1/16"	5 1/4"	
TYR609	5009	1 1/8" x 1 1/4"	6 3/4"	

6-POINT BOX END WRENCHES 15° OFFSET



Model No.	Mfg. No.	Opening	Length	Price /Each
SAE				
YA980	2840	3/8" x 7/16"	8"	
TYQ259	2843	1/2" x 9/16"	9.5"	
TYQ260	2846	5/8" x 9/16"	10.5"	
TYQ262	2852	13/16" x 7/8"	13"	
YA981	2855	15/16" x 1"	15.46"	
METRIC				
TYQ381	MB89	8 mm x 9 mm	188 mm	
TYQ376	MB1011	10 mm x 11 mm	205 mm	
TYQ377	MB1213	12 mm x 13 mm	227 mm	
TYQ378	MB1415	14 mm x 15 mm	257 mm	
TYQ379	MB1719	17 mm x 19 mm	305 mm	
TYQ380	MB2022	20 mm x 22 mm	330 mm	

SAE FLAT RATCHETING BOX WRENCHES 12-POINT



Model No.	Mfg. No.	Opening	Length	Price /Each
TYR617	50042	1 5/16"	15.5"	
TYR618	50044	1 3/8"	15.5"	
TYR619	50046	1 7/16"	15.5"	
TYR620	50048	1 1/2"	15.5"	
TYR621	50050	1 9/16"	15.5"	
TYR622	50052	1 5/8"	15.5"	
TYR623	50054	1 11/16"	19"	
TYR624	50056	1 3/4"	19"	
TYR625	50058	1 13/16"	19"	
TYR626	50060	1 7/8"	19"	
TYR627	50064	2"	19"	
TYR628	50068	2 1/8"	19"	



Help control & divert traffic

100% PVC construction
High density base for maximum stability
Superior temperature resistance



WRENCHES

COMBINATION WRENCH SETS



14-PC. 12-POINT SAE MIRROR CHROME

- Kit contains wrenches in the following sizes:
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16",
7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4"
- Includes organizer

Model No. QE318
Mfg. No. TU145
Price/Each \$



9-PC. 6-POINT METRIC MIRROR CHROME

- Kit contains wrenches
from 6 mm to 17 mm
- Includes organizer

Model No. TYP358
Mfg. No. MC692
Price/Each \$



9-PC. 12-POINT SAE MIRROR CHROME

- Kit contains wrenches in the following sizes:
7/16", 1/2", 9/16", 5/8", 11/16",
3/4", 13/16", 7/8", 15/16", 1"
- Includes organizer

Model No. TYP377
Mfg. No. TU9
Price/Each \$



14-PC. 12-POINT METRIC STUBBY MIRROR CHROME

- Kit contains wrenches
from 6 mm to 19 mm
- Includes organizer

Model No. TYP324
Mfg. No. 64814
Price/Each \$



7 PC. 12-POINT SAE MIRROR CHROME

- Kit contains wrenches in the following sizes:
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8"
- Includes organizer

Model No. TYP374
Mfg. No. TU7
Price/Each \$



11-PC. 12-POINT METRIC STUBBY MIRROR CHROME

- Kit contains wrenches
from 9 mm to 19 mm
- Includes organizer

Model No. TYP323
Mfg. No. 64811
Price/Each \$



9-PC. 12-POINT SAE STUBBY MIRROR CHROME

- Kit contains wrenches in the following sizes:
1/4", 5/16", 3/8", 7/16", 1/2",
9/16", 5/8", 11/16", 3/4"
- Includes organizer

Model No. TYP319
Mfg. No. 63809
Price/Each \$



14-PC. 12-POINT METRIC MIRROR CHROME

- Kit contains wrenches
from 7 mm to 32 mm
- Includes organizer

Model No. TYP354
Mfg. No. MC214
Price/Each \$



9-PC. 12-POINTS METRIC MIRROR CHROME

- Kit contains wrenches
from 10 mm to 22 mm
- Includes Organizer

Model No. TYP348
Mfg. No. MC209
Price/Each \$



GEARED COMBINATION WRENCH SETS

11-PC. METRIX FIXED HEAD GEARED

- Kit contains wrenches
from 8 mm to 19 mm
- Includes organizer

Model No. TYP335
Mfg. No. 59711A
Price/Each \$



8-PC. SAE FIXED HEAD GEARED

- Kit contains wrenches in the following sizes:
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Includes organizer

Model No. TYP334
Mfg. No. 59708A
Price/Each \$



SCREWDRIVERS, INSERT BITS & HEX KEYS

INDIVIDUAL SCREWDRIVERS





- Industrial quality and strength
- Chrome vanadium steel blade
- Treated blade tip for a lifetime of performance
- Extra large ergonomic handle for maximum torque and comfort
- Screwdriver type indication on the base of the grip
- Colour-coded handle for square type
- Meets ANSI standards



aurora tools®

Screwdriver type indication
on the base of the grip.
(Colour-coded handle
for square type.)



Model No.	Tip Width"	Blade Length"	Price /Each
SLOT ELECTRICIANS			
 TJZ057	1/8	3	
TJZ058	3/16	4	
TJZ059	3/16	6	
SLOT MECHANICS			
 TJZ060	1/4	1 1/2 Stubby	
TJZ061	1/4	4	
TJZ062	1/4	5	
TJZ063	1/4	6	
TJZ064	5/16	6	
TJZ065	3/8	8	
PHILLIPS TIP			
Tip Number			
 TJZ066	#0	2 1/2	
TJZ067	#1	3 1/4	
TJZ068	#2	4	
TJZ070	#3	6	
TJZ069	#2	1 1/2 Stubby	
SQUARE TIP			
 TJZ071	#0	4	
TJZ072	#1	4	
TJZ073	#2	6	
TJZ074	#3	6	
TJZ075	#1	1 1/2 Stubby	
TJZ076	#2	1 1/2 Stubby	
TJZ077	#3	1 1/2 Stubby	



TJZ057



TJZ061



TJZ066



TJZ073

SCREWDRIVER SETS



TJZ827

TJZ828

TJZ826

Model No.	Description	Contents	Price/Each
TJZ826	3-Pc Set	Square: #1, #2, #3	
TJZ827	7-Pc Set	Square: #1, #2 Phillips: #1, #2 Flat: 1/8", 1/4", 5/16"	
TJZ828	16-Pc Set	Square: #0, #1, #2, #3, #2 Stubby Phillips: #0, #1, #2, #3, #2 Stubby Flat: 1/8", 3/16", 1/4", 5/16", 3/8", 1/4" Stubby	



aurora tools®

SCREWDRIVERS, INSERT BITS & HEX KEYS

KLEIN® CUSHION-GRIP SCREWDRIVERS

Klein® screwdrivers are made of the highest quality materials. Designed for the serious industrial user, these screwdrivers are the standard. Featuring cushion grip for user comfort and durability. Chrome plated shank and heat treated tip insure long life. Grip is resistant to gas, oil and water.

KLEIN TOOLS
For Professionals... Since 1857™



A. HEAVY-DUTY SQUARE SHANK, SLOT KEYSTONE TIP

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TV501	600-4	1/4	4	
TV502	600-6	5/16	6	
TV503	600-8	3/8	8	
TV504	600-12	1/2	12	

D. ROUND SHANK, SLOT CABINET TIP

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TV500*	600-1	5/16	1 1/2	
TV515	601-3	3/16	3	
TV516	601-4	3/16	4	
TV517	601-6	3/16	6	
TV518	601-8	3/16	8	
TV519	601-10	3/16	10	

* Stubby

G. ROUND SHANK, TORX® TIP

Model No.	Mfg. No.	Tip No.	Shank Length"	Price /Each
TV533	19542	T15	4	
TV534	19543	T20	4	
TV535	19544	T25	4	
TV536	19545	T27	4	
TV537	19546	T30	4	

J. CONDUIT FITTING & REAMING SCREWDRIVER

- Hood over tip keeps the tip from slipping out of the screws especially when working overhead
- Conduit reamer will accommodate 1/2", 3/4", 1" thin wall conduit
- Reamer part is replaceable

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TJ880	85191	5/16	2 1/2	

7-PC. CANADIAN BASIC SETS

Set includes 1 each of the following:

Square Tip: #1, #2, #3
Phillips Tip: #1, #2
Slot: 3/16", 1/4"

Model No. TJ881
Price/Each \$

B. HEAVY-DUTY ROUND SHANK, SLOT KEYSTONE TIP

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TV505	602-3	7/32	3	
TV506	602-4	1/4	4	
TV507	602-6	5/16	6	
TV508	602-8	3/8	8	
TV509	602-10	3/8	10	
TV510	602-12	3/8	12	

E. ROUND SHANK, SPECIAL PROFILATED® PHILLIPS TIP

Model No.	Mfg. No.	Tip No.	Shank Length"	Price /Each
TV520*	603-1	#2	1 1/2	
TV521	603-3	#1	3	
TV522	603-4	#2	4	
TV523	603-6	#3	6	
TV524	603-7	#2	7	
TV525	603-10	#2	10	

* Stubby

H. ROUND SHANK, CABINET TIP PLASTIC COATED

- Plastic coating is intended for circuit protection only
- Dipped coating is thin enough to be used in confined areas
- A preferred tool among telecommunications companies
- Screwdriver is not insulated for electricity
- Tip is exposed 1/8" beyond coating

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TJ868	621-6	3/16	6	
TJ870	621-8	3/16	8	
TJ872*	620-3	3/16	3	
TJ873*	620-4	1/4	4	
TJ874*	620-6	5/16	6	
TJ875*	620-8	3/8	8	

* Heavy-duty shank

C. HEAVY-DUTY ROUND SHANK, SLOT CABINET TIP

Model No.	Mfg. No.	Tip Width"	Shank Length"	Price /Each
TV511	605-4	1/4	4	
TV512	605-6	1/4	6	
TV513	605-8	1/4	8	
TV514	605-10	1/4	10	

F. ROUND SHANK, SQUARE RECESS TIP

Model No.	Mfg. No.	Tip No.	Shank Length"	Price /Each
TV526	660	#0	4	
TV527	661	#1	4	
TV528	662	#2	4	
TV529	663	#3	4	
TV530	665	#1	8	
TV531	666	#2	8	
TV532	667	#3	8	

I. RAPI-DRIV® SLOT & PHILLIPS TIPS

Crank-action handle spins screws in and out at high speeds saving both time and effort on long screws.

Model No.	Mfg. No.	Tip Width	Shank Length"	Price /Each
SLOT				
TJ876	670-6	3/16"	6	
TJ877	671-6	1/4"	6	
PHILLIPS TIP				
TJ879	682-6	#2	6	

8-PC. LONG & SHORT SETS

Set includes 1 each of the following:

Square Tip: #2 (shank length 8")
Phillips Tip: #2 (shank length 1-1/2"), #2 (shank length 10")
Slot: 1/2" (shank length 12"), 3/8", 3/16", 1/4" (shank length 10"), 1/4" (shank length 1-1/2")

Model No. TJ882
Price/Each \$



SCREWDRIVERS, INSERT BITS & HEX KEYS

PRO-300 SCREWDRIVERS

Feature extra large handle made of a rugged transparent plastic. Chrome plated, chrome-vanadium steel shank resists rust and ensures long life and durability.



FULLER®

Model No.	Tip Width"	Shank Length"	Price /Each
-----------	------------	---------------	-------------

SLOT "POCKET" W/CLIP

	TV037	1/8	3 1/2
--	-------	-----	-------

SLOT ELECTRICIANS

	TV038	3/16	4
	TV039	3/16	6

SLOT MECHANICS

	TV040	1/4	1 1/2 Stubby
	TV041	1/4	4
	TV042	1/4	6
	TV043	5/16	6
	TV044	3/8	8

SLOT HD SQUARE SHANK

	TV045	1/4	4
	TV046	5/16	6

Model No.	Tip Number	Shank Length"	Price /Each
-----------	------------	---------------	-------------

PHILLIPS

	TV047	2	1 1/2 Stubby
	TV048	1	3
	TV049	2	4
	TV050	3	6
	TV051	0	2 1/2

SQUARE DRIVE

	TV052	0	4
	TV053	1	4
	TV054	2	5
	TV055	3	5
	TV056	1	8
	TV057	2	8
	TV058	3	8

GOLDEN GRIP SCREWDRIVERS

Feature a large transparent plastic handle for both comfort and gripping power. Blade made of heat treated steel. Hardened tip for enhanced durability.



FULLER®

Model No.	Tip Width"	Shank Length"	Price /Each
-----------	------------	---------------	-------------

SLOT CABINET

	TV003	3/16	4
	TV004	3/16	6

SLOT MECHANICS

	TV005	1/4	1 1/2 Stubby
	TV006	1/4	4
	TV008	1/4	6
	TV009	5/16	6
	TV010	3/8	8

Model No.	Tip Number	Shank Length"	Price /Each
-----------	------------	---------------	-------------

PHILLIPS

	TV018	0	2 1/2
	TV019	1	3 1/4
	TV020	2	4
	TV021	2	1 1/2 Stubby
	TV022	3	6

SQUARE

	TV028	0	4
	TV029	1	4
	TV030	2	4
	TV031	3	4
	TV032	1	1 1/2 Stubby
	TV033	2	1 1/2 Stubby

SCRATCH AWL

Model No.	Shank Length"	Price /Each
-----------	---------------	-------------

TV036 23/4

TACK PULLER

Model No.	Shank Length"	Price/Each
-----------	---------------	------------

TV035 4

HEAVY DUTY SCREWDRIVERS

- High visibility, oil and solvent resistant acetate handle
- Precision-machined tip for an exact fit
- Limited lifetime warranty
- Meets ANSI standards



GRAY TOOLS

Model No.	Tip Size"	Shank Length"	Price /Each
-----------	-----------	---------------	-------------

SLOT WITH ROUND SHANK

TYP579	1/8	1	
TYP582	1/4	3	
TYP583	1/4	4	
TYP584	5/16	6	
TYP585	3/8	8	
TYP580	3/8	10	
TYP581	1/8	12	



GRAY TOOLS

Model No.	Tip Size"	Shank Length"	Price /Each
-----------	-----------	---------------	-------------

SLOT WITH SQUARE SHANK

TYP598	1/4	3	
TYP599	1/4	4	
TYP600	5/16	6	
TYP595	3/8	8	
TYP596	1/2	10	
TYP597	1/2	112	
TYP604	9/16	18 1/2	



GRAY TOOLS

Model No.	Tip Size	Shank Length"	Price /Each
-----------	----------	---------------	-------------

PHILLIPS WITH ROUND SHANK

TYP633	#0	23/8	
TYP634	#1	3 1/4	
TYP986	#2	4	
TYP639	#3	6	
TYP641	#4	8	

SQUARE SCREWDRIVERS

- Heavy-duty triangle shaped comfort handles provide a secure grip and hand position needed to apply maximum torque
- Full-length blade goes through handle
- ID at top of the handle provides quick and convenient identification of type style
- Precision-machined tip for an exact fit
- Limited lifetime warranty
- Meets ANSI standards



GRAY TOOLS

Model No.	Tip Size	Shank Length"	Price /Each
-----------	----------	---------------	-------------

SQUARE SCREWDRIVER

TYP620	#1	4	
TYP624	#1	16	
TYP622	#3	4	

SQUARE DRIVE SCREWDRIVER

TY0415	#1	4	
TY0416	#2	16	

SCREWDRIVER SETS

GOLDEN GRIP 6-PC.

Square: #1, #2
Phillips: #1, #2
Slot: 3/16" x 4",
1/4" x 4"

Model No. TV088
Price/Each \$

PRO 300 7-PC.

Square: #1, #2
Phillips: #1, #2
Slot: 3/16" x 4",
1/4" x 4"
Pocket: 1/8" x 3 1/2"

Model No. TV093
Price/Each \$



FULLER®

TV093



TV088