



Zubehör
Accessories

Messeinsätze / Styli

Zubehör / Accessories

für Tastsysteme / For Probe Systems

BLUM
focus on productivity

Blum Originalzubehör

Für Messtaster und LaserControl

Original-Zubehör von Blum wird nach höchsten Qualitätsstandards unter Verwendung hochwertiger Materialien hergestellt und ist konstruktiv perfekt auf die Mess-Systeme abgestimmt. Der Einsatz von Blum-Originalzubehör garantiert Ihnen konstant präzise Messergebnisse über einen langen Zeitraum.

Blum ermöglicht die anwendungsspezifische Anpassung der Mess-Systeme durch ein umfangreiches Angebot an Standard-Zubehör wie Messeinsätzen in verschiedenen Längen und Ausführungen, Verlängerungen und Winkelstücken. Sollten Sie innerhalb unseres Standardsortimentes keine passende Lösung für Ihre Anwendung finden, fertigen wir auf Wunsch auch gerne kundenspezifische Ausführungen.

Original Accessories by Blum

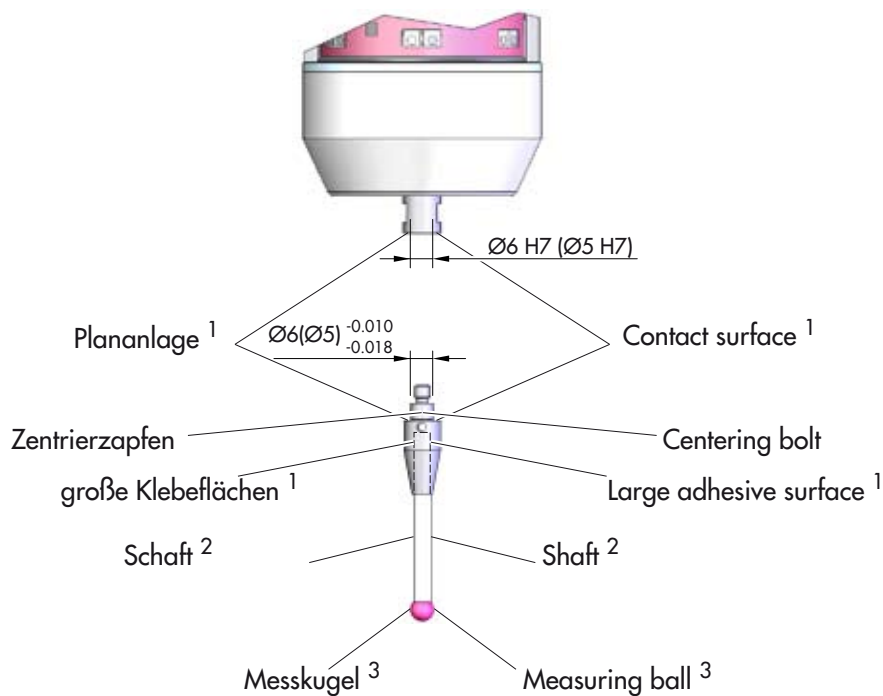
For probes and LaserControl

The original Blum accessories are produced according to high-quality standards using first-class materials and their design is perfectly adapted to the measuring systems. The application of original Blum accessories guarantees constantly precise measuring results for a long period of time.

The comprehensive range of standard accessories as e.g. styli in different lengths and designs, extensions and angles enables customized adaptations of the measuring systems. If you shouldn't find any suitable solution for your application within our standard product line, we would be glad to offer you customized solutions on request.

Original Blum Messeinsatz-System

Original Blum stylus system



¹ für maximale Stabilität und höchste Messgeschwindigkeit

² Standard Keramik oder Hartmetall

³ Rubin oder Hartmetall

¹ For maximum stability and highest measuring speed

² Standard ceramic or carbide

³ Ruby or carbide

Durch den selbstzentrierenden Messeinsatz kann auf eine erneute Tasterausrichtung nach dem Wechsel verzichtet werden.

Self-centering eliminates realignment after stylus change

Messeinsätze / Styli

TC50 / 51

Bild / Fig. 1

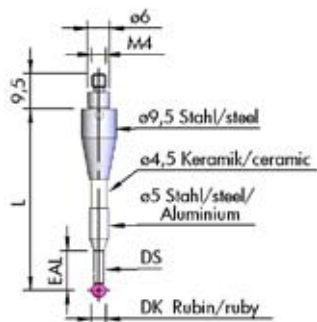


Bild / Fig. 2

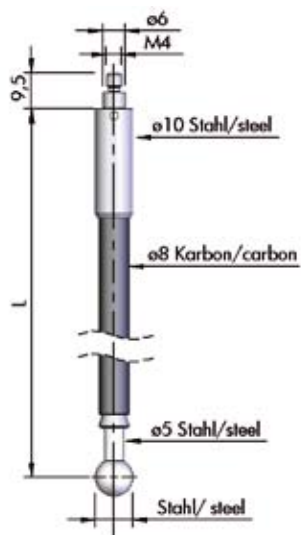


Bild / Fig. 3



Keramik / Ceramic

L	DK	EAL	DS	Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
[mm]	[mm]	[mm]	[mm]			
50	2	8	1,2	1	P03.8000-010.050.02	v < 500 mm/min
50	3	10	2,0	1	P03.8000-010.050.03	v < 1000 mm/min
50	4	11	2,8	1	P03.8000-010.050.04	
50	5	12	3,5	1	P03.8000-010.050.05	
50	6	30,5	4,5	2	P03.8000-010.050.06	
75	6	55,5	4,0	1	P03.8000-010.075.06	
100	2	8,3	1,2	1	P03.8000-010.100.02	v < 500 mm/min
100	3	10	2	1	P03.8000-010.100.03	
100	4	11	2,8	1	P03.8000-010.100.04	
100	5	12	3,5	1	P03.8000-010.100.05	
100	6	80,5	4,5	2	P03.8000-010.100.06	
150	4	11	2,8	3	P03.8000-010.150.04	
150	6	125	4,5	3	P03.8000-010.150.06	
200	6	175	4	3	P03.8000-010.200.06	
250	6	225	4	3	P03.8000-010.250.06	
300	6	275	4	3	P03.8000-010.300.06	

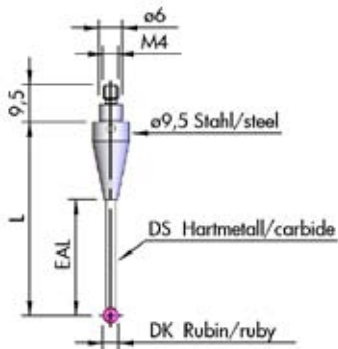


Karbon / Carbon

L	DK	Bestellnr./Order no.
[mm]	[mm]	
150	10	P03.8000-011.150.10
200	10	P03.8000-011.200.10
250	10	P03.8000-011.250.10
300	10	P03.8000-011.300.10

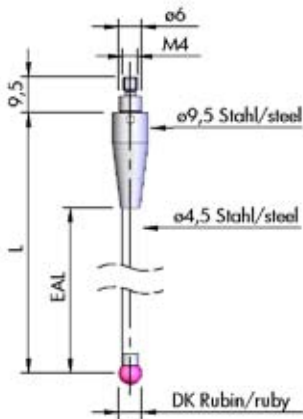
Messeinsätze / Styli

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Hartmetall / Carbide

L	DK	EAL	DS	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	
50	3	30	2	P03.8000-012.050.03
50	4	30	2,5	P03.8000-012.050.04
50	5	30	2,5	P03.8000-012.050.05
50	6	30	2,5	P03.8000-012.050.06
100	4	80	2,5	P03.8000-012.100.04
100	5	80	2,5	P03.8000-012.100.05
100	6	80	2,5	P03.8000-012.100.06

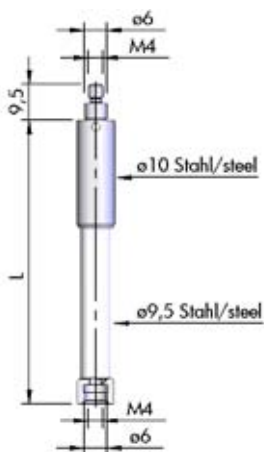


Stahl / Steel

L	DK	EAL	DS	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	
100	6	75		P03.8000-016.100.06
150	6	125		P03.8000-016.150.06

Verlängerungen / Extensions

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Stahl / Steel

L	Bestellnr./Order no.
[mm]	
50	P03.8000-015.050
75	P03.8000-015.075
100	P03.8000-015.100

Messeinsätze / Styli

TC51-20

Stahl / Steel

L	H	R	DK1	DK2	Bild/Fig.	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	[mm]		
50	5	7,5	6	3	1	P03.8000-013.001
						auf Anfrage/on request

Bild / Fig. 1

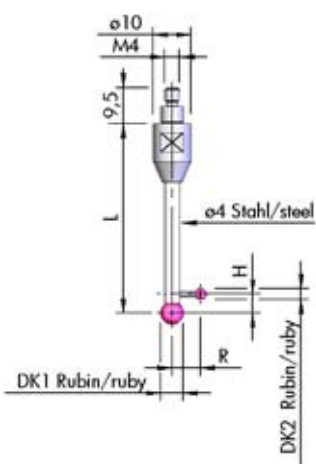


Bild / Fig. 2

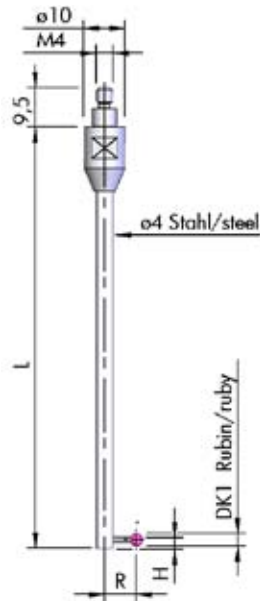


Bild / Fig. 3

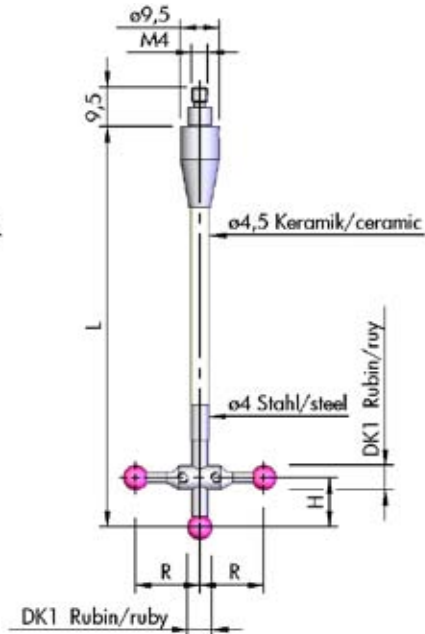
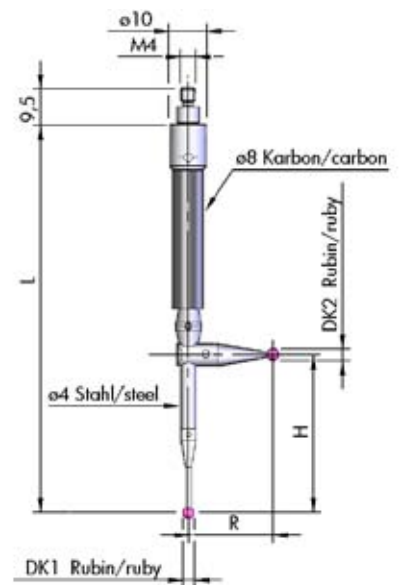


Bild / Fig. 4



Adapter

Bestellnr./Order no.

P03.8000-013.100

für Messeinsätze Bild 1/2 for styli fig. 1/2

Messeinsätze / Styli TC52 / 53 / 54 / 76

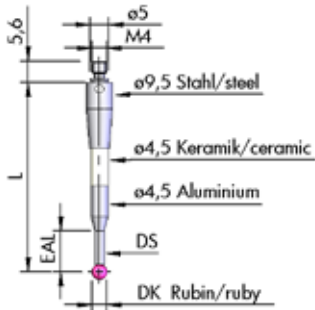
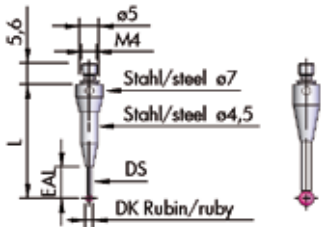


Bild / Fig. 1

Bild / Fig. 2



Keramik / Ceramic

L	DK	EAL	DS	Bestellnr./Order no.	Hinweis/Note
[mm]	[mm]	[mm]	[mm]		
50	1	5,1	0,7	P03.8000-020.050.01*	v ≤ 1000 mm/min
50	2	18,3	1,2	P03.8000-020.050.02	v ≤ 500 mm/min
50	3	11,8	2	P03.8000-020.050.03	
50	4	13,7	2,5	P03.8000-020.050.04	
50	5	14,5	3,5	P03.8000-020.050.05	
75	5	14,5	3,5	P03.8000-020.075.05	
100	5	14,5	3,2	P03.8000-020.100.05	

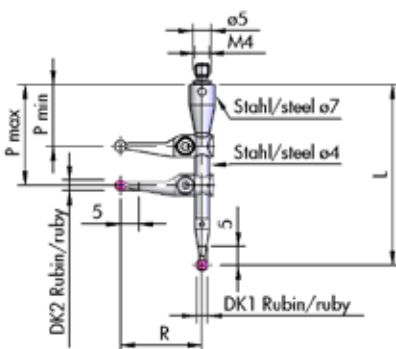
*nur für TC52 LF, TC76 LF / for TC52 LF, TC76 LF only

Hartmetall / Carbide

L	DK	EAL	DS	Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
[mm]	[mm]	[mm]	[mm]			
30	1	5,1	0,7	1	P03.8000-022.030.01*	v ≤ 1000 mm/min
30	2	8,3	1,2	1	P03.8000-022.030.02	v ≤ 500 mm/min
30	3	15	1,5	2	P03.8000-022.030.03	v ≤ 1000 mm/min
30	4	15	2,5	2	P03.8000-022.030.04	
30	5	15	2,5	2	P03.8000-022.030.05	
30	6	15	2,5	2	P03.8000-022.030.06	
50	3	30	2,0	2	P03.8000-022.050.03	
50	4	30	2,5	2	P03.8000-022.050.04	
50	5	30	2,5	2	P03.8000-022.050.05	
50	6	30	2,5	2	P03.8000-022.050.06	
75	5	55	2,5	2	P03.8000-022.075.05	
100	5	80	2,5	2	P03.8000-022.100.05	

*nur für TC52 LF, TC76 LF / for TC52 LF, TC76 LF only

Messeinsätze / Styli TC53 / 54 / 76

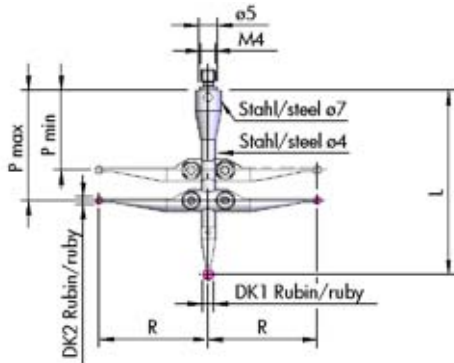


Stahl / Steel

L	DK1	R	DK2	P min - P max	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	[mm]	
48,5	3	22	3	16,5 - 32,5	P03.8000-023.2010
		30			P03.8000-023.2015
		40			P03.8000-023.2020
85	3	22	3	16,5 - 72,5	P03.8000-023.2025
		30			P03.8000-023.2030
		40			P03.8000-023.2035

Messeinsätze / Styli

TC53 / 54 / 76



Stahl / Steel

L	DK1	R	DK2	P min - P max	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	[mm]	
48,5	3	22		16,5 - 32,5	P03.8000-023.2070
		30	3		P03.8000-023.2075
		40			P03.8000-023.2080
85	3	22		16,5 - 72,5	P03.8000-023.2085
		30	3		P03.8000-023.2090
		40			P03.8000-023.2095

Stahl / Steel

L	H	R	DK1	DK2	Bild/Fig.	Bestellnr./Order no.
[mm]	[mm]	[mm]	[mm]	[mm]		
					1-3	auf Anfrage/on request

Bild / Fig. 1

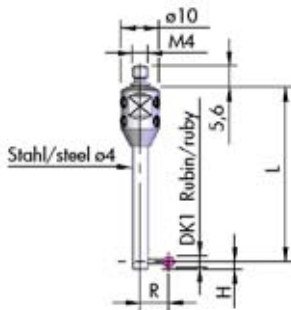


Bild / Fig. 2

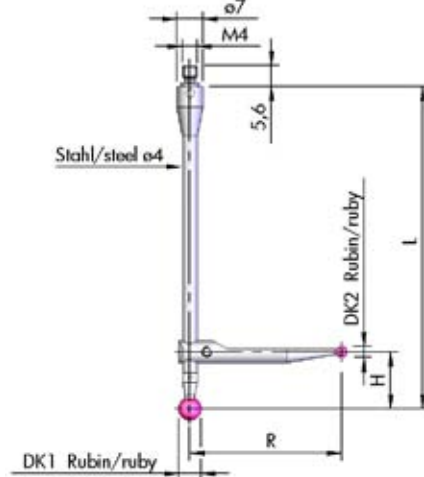
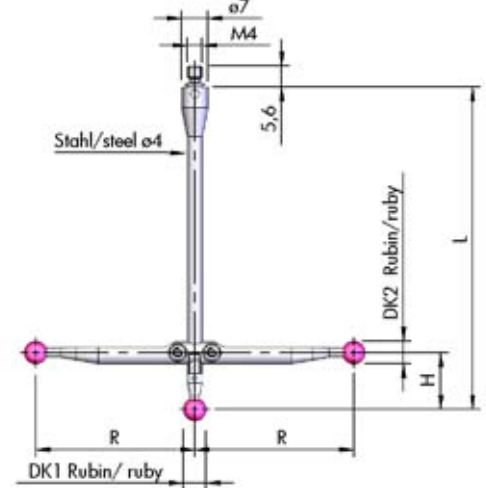


Bild / Fig. 3



Messeinsätze / Styli

TC53 / 54 / 76

Bild / Fig. 1

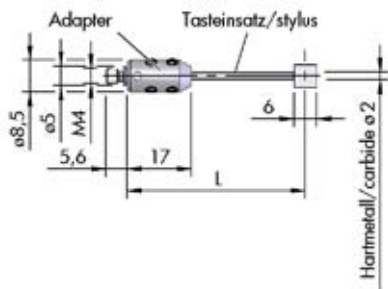


Bild / Fig. 2

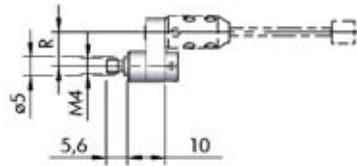
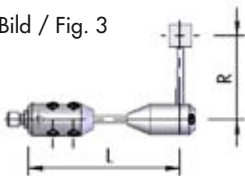


Bild / Fig. 3

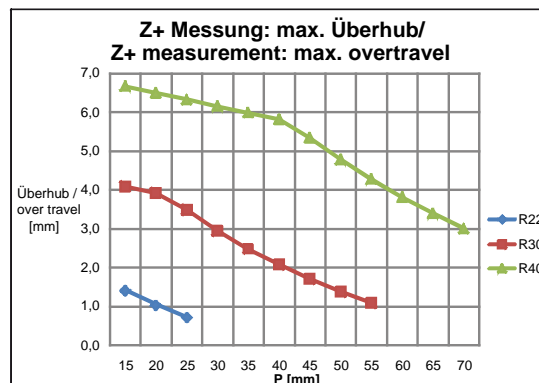
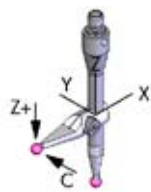
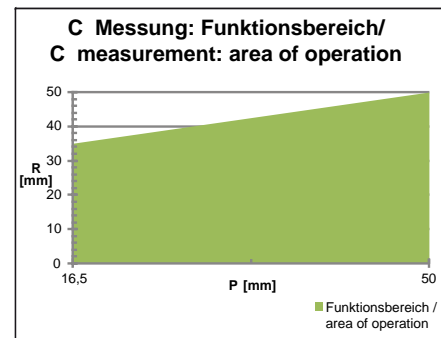
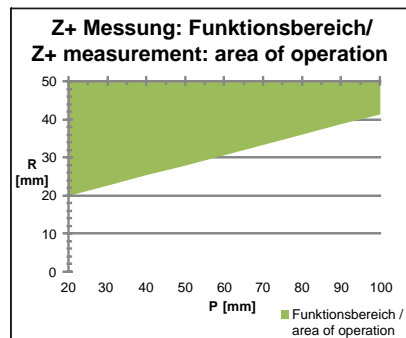
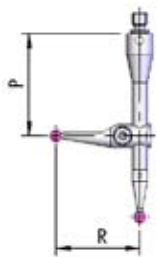


Hartmetall / Carbide

L		Bild/Fig.	Bestellnr./Order no.
[mm]			
Adapter		1	P03.8000-025.300
27	Q6	1	P03.8000-025.342
30	Q6	1	P03.8000-025.341
36	Q6	1	P03.8000-025.343
47	Q6	1	P03.8000-025.340
52	Q6	1	P03.8000-025.345
62	Q6	1	P03.8000-025.344
77	Q6	1	P03.8000-025.346

R	Bild/Fig.	Bestellnr./Order no.
[mm]		
Adapter R8,9	2	P03.8000-025.010
Adapter R20	2	P03.8000-025.012
Adapter R50	2	P03.8000-025.015
Sonderlängen/special lengths	3	auf Anfrage/on request

Funktionsbereich und Überhub / Area of operation - overtravel

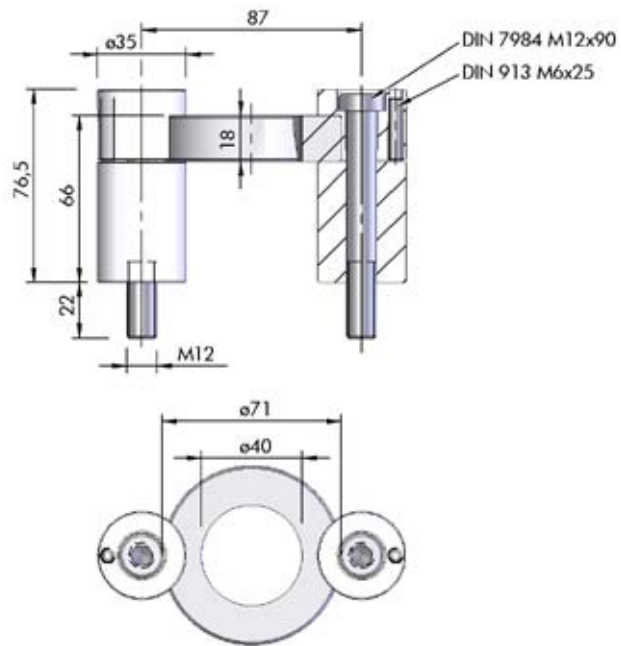




Kalibrierring / Calibration ring

Bestellnr. / Order no.

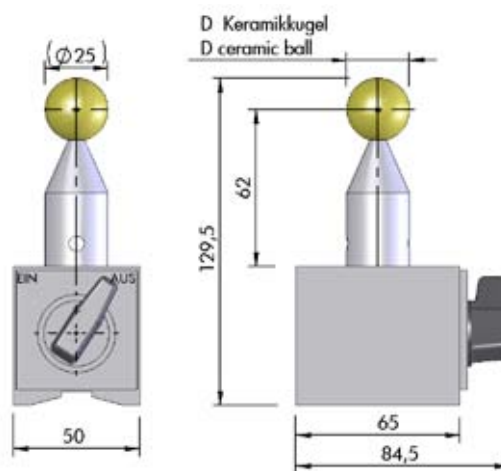
P03.8000-020.005



Kalibrierkugel / Calibration ball

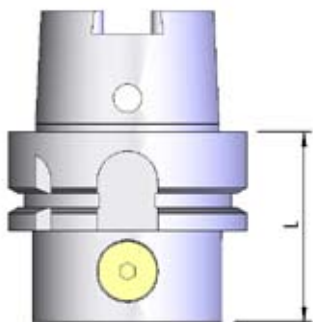
Bestellnr. / Order no.

P03.8000-030.010



Werkzeugaufnahmen / Tool holder System ABS 50

Bild / Fig. 1 HSK-A



HSK - A - E - F (DIN 69893)

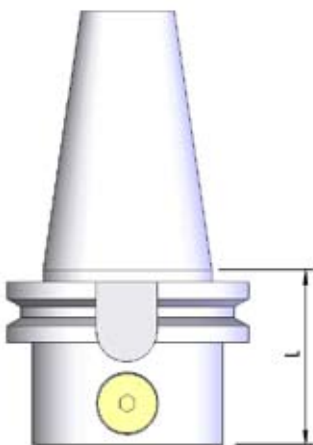
Typ/Type	L [mm]	Bild/Fig.	Bestellnr./Order no.
HSK-A 40	57	1	P03.8000-035.140A
HSK-A 50	63	1	P03.8000-035.150A
HSK-A 63	50	1	P03.8000-035.163A
HSK-A 80	55	1	P03.8000-035.180A
HSK-A 100	60	1	P03.8000-035.100A
HSK-E 40	57		P03.8000-035.140E
HSK-E 50	63		P03.8000-035.150E
HSK-E 63	50		P03.8000-035.163E
HSK-F 40	70		P03.8000-035.140F
HSK-F 63	70		P03.8000-035.163F

Kühlmittelrohr / Coolant pipe

Typ/Type	Bestellnr./Order no.
HSK-A/E 25	P03.8000-035.125K
HSK-A/E 32	P03.8000-035.132K
HSK-A/E 40	P03.8000-035.140K
HSK-A/E 50	P03.8000-035.150K
HSK-A/E 63	P03.8000-035.163K

Für ABS 25 und ABS 50 / for ABS 25 and ABS 50

Bild / Fig. 2 SK



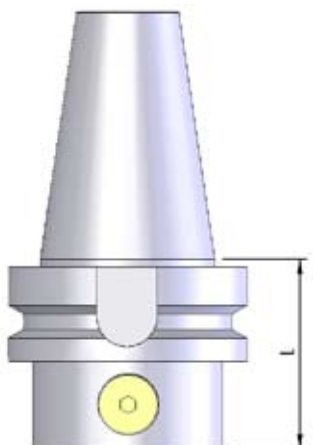
SK

Typ/Type	L [mm]	Bild/Fig.	Bestellnr./Order no.
SK 30	56	2	P03.8000-035.230
SK 40	46	2	P03.8000-035.240
SK 45	24	2	P03.8000-035.245
SK 50	24	2	P03.8000-035.250

CAT

Typ/Type	L [mm]	Bestellnr./Order no.
CAT 40 (5/8")	57	P03.8000-035.440
CAT 50 (1")	60	P03.8000-035.450

Bild / Fig. 3 BT



MAS-BT

Typ/Type	L [mm]	Bild/Fig.	Bestellnr./Order no.
MAS-BT 30	46	3	P03.8000-035.330
MAS-BT40	50	3	P03.8000-035.340
MAS-BT45	40	3	P03.8000-035.345

Spannschaft / Clamping shaft

Typ/Type	Bestellnr./Order no.
d=50/25 x l=82	P03.8000-035.906

VDI

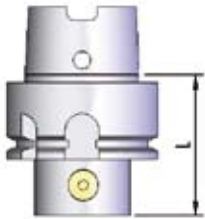
Typ/Type	L [mm]	Bestellnr./Order no.
VDI 30	60	P03.8000-035.xxx

UTS (KM)

Typ/Type	L [mm]	Bestellnr./Order no.
UTS63	50	P03.8000-035.963

Werkzeugaufnahmen / Tool holder System ABS 25

Bild / Fig. 1 HSK-A



HSK - A - E - F (DIN 69893)

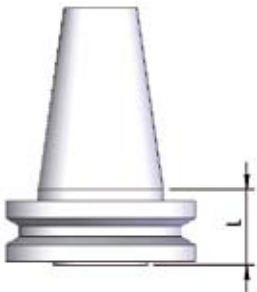
Typ/Type	L [mm]	Bild/Fig.	Bestellnr./Order no.
HSK-A 32	35	1	P03.8000-036.132A
HSK-A 40	35	1	P03.8000-036.140A
HSK-A 50	42	1	P03.8000-036.150A
HSK-A 63	42	1	P03.8000-036.180A
HSK-E 25	32,5		P03.8000-036.125E
HSK-E 32	35		P03.8000-036.132E
HSK-E 40	35		P03.8000-036.140E
HSK-E 50	42		P03.8000-036.150E
HSK-F 63	50		P03.8000-036.163F

Kühlmittelrohr / Coolant pipe

Typ/Type	Bestellnr./Order no.
HSK-A/E 25	P03.8000-035.125K
HSK-A/E 32	P03.8000-035.132K
HSK-A/E 40	P03.8000-035.140K
HSK-A/E 50	P03.8000-035.150K
HSK-A/E 63	P03.8000-035.163K

Für ABS 25 und ABS 50 / for ABS 25 and ABS 50

Bild / Fig. 2 SK



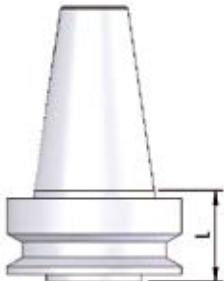
SK

Typ/Type	L [mm]	Bild/Fig.	Bestellnr./Order no.
SK 30	20	2	P03.8000-036.230
SK 40	24	2	P03.8000-036.240

3R

Typ/Type	L [mm]	Bestellnr./Order no.
3R Macro		P03.8000-036.702
3R GPS70		P03.8000-036.703

Bild / Fig. 3 BT



MAS-BT

Typ/Type	L [mm]	Bestellnr./Order no.
MAS-BT30	24	3 P03.8000-036.330
MAS-BT40	28	3 P03.8000-036.340

CAT

Typ/Type	L [mm]	Bestellnr./Order no.
CAT 40 (5/8")	24	P03.8000-036.440

VDI

Typ/Type	L [mm]	Bestellnr./Order no.
VDI 25	16	P03.8000-036.625

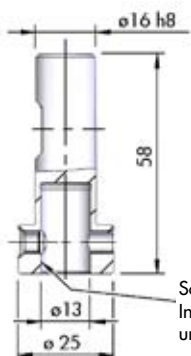
Spannschaft / Clamping shaft

Typ/Type	Bild/Fig.	Bestellnr./Order no.
d=25/16 x l=58	4	P03.8000-036.906

Erowa

Typ/Type	L [mm]	Bestellnr./Order no.
D72		P03.8000-036.701

Bild / Fig. 4



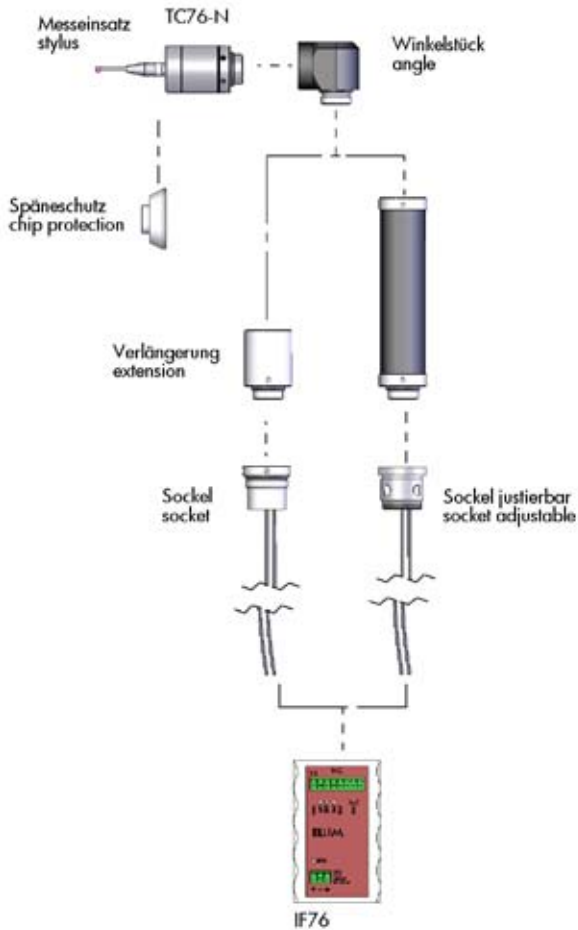
Schnittstelle/interface Komet ABS25
Incl. Komet Kegelschraube
und Komet Spannschraube $\phi 25$

incl. Komet tapered screw
and Komet clamping screw $\phi 25$

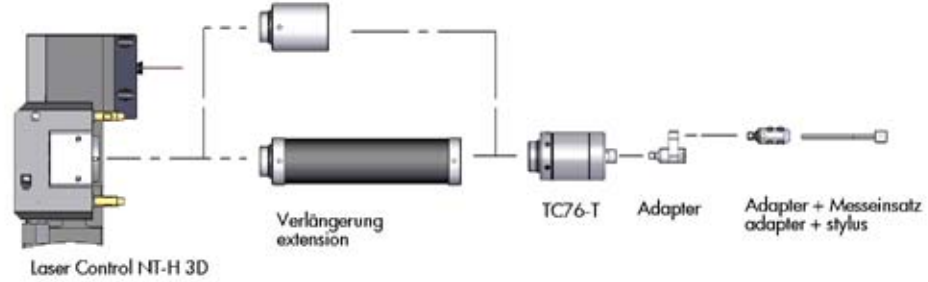
Zubehör / Accessories

TC53 / TC76 / LaserControl NT-H 3D

2-polig / 2-pole



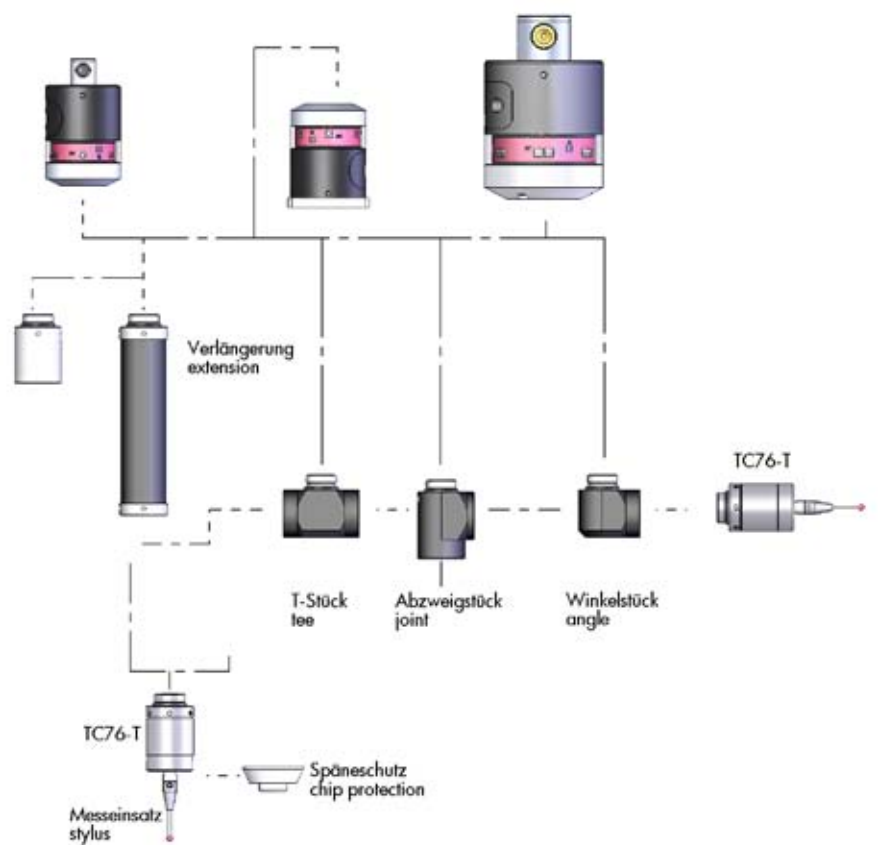
3-polig / 3-pole



TC53-10

TC53-20

TC53-30



Zubehör / Accessories

TC53 / 76 / LaserControl NT-H 3D

Bild / Fig. 1

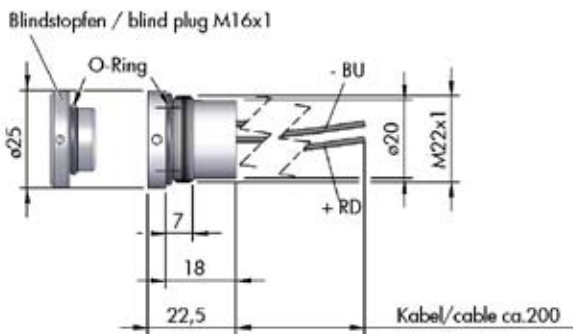
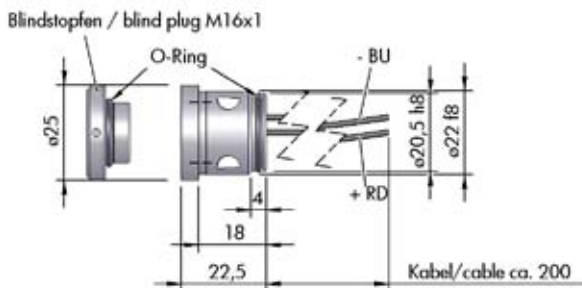


Bild / Fig. 2



Socket / Socket TC76-N

Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
1	P06.7600-040.001	Socket standard / socket standard
2	P06.7600-040.002	Socket justierbar / socket adjustable

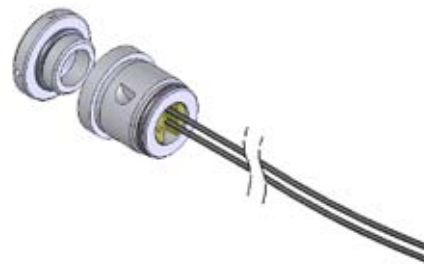
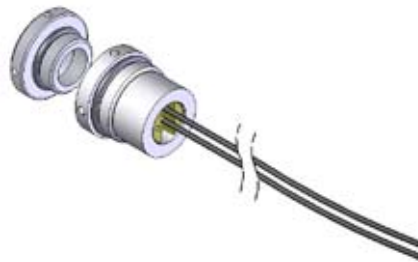


Bild / Fig. 3

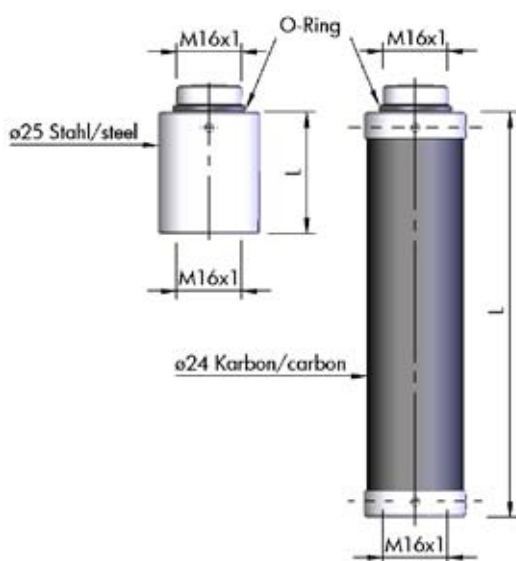


Bild / Fig. 4

2-polig / 2-pole

3-polig / 3-pole

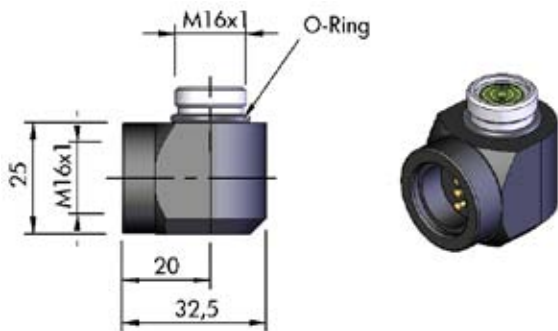
Verlängerungen / Extensions

L [mm]	Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
30	3	P06.7600-040.020	
50	3	P06.7600-040.021	
100	4	P06.7600-040.022	
150	4	P06.7600-040.023	
250	4	P06.7600-040.025	
300	4	P06.7600-040.026	max. Beschleunigung 10 m/s ²
400	4	P06.7600-040.028	max. Acceleration 10 m/s ²

L [mm]	Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
30	3	P06.7600-040.030	
50	3	P06.7600-040.031	
100	4	P06.7600-040.032	
150	4	P06.7600-040.033	
250	4	P06.7600-040.035	
300	4	P06.7600-040.036	max. Beschleunigung 10 m/s ²
400	4	P06.7600-040.038	max. Acceleration 10 m/s ²

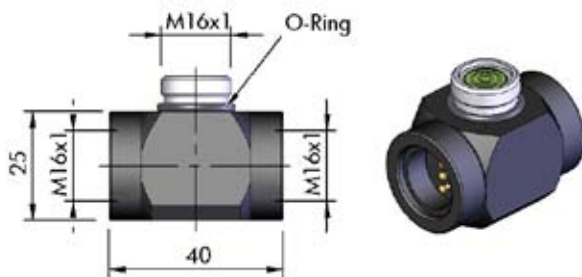
Zubehör / Accessories

TC53 / 76 / LaserControl NT-H 3D



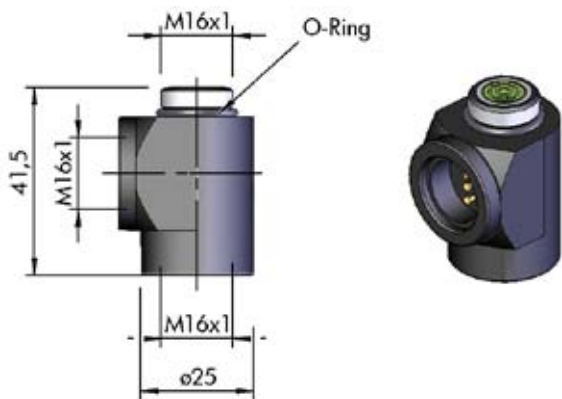
Winkelstück, justierbar / Angle adjustable

Bestellnr./Order no.	Hinweis/Note
P06.7600-040.012	2-polig / 2-pole
P06.7600-040.013	3-polig / 3-pole



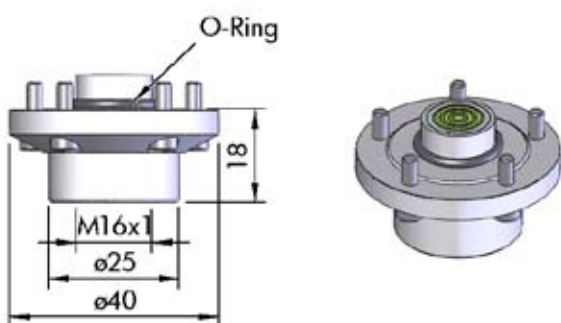
T-Stück, justierbar / Tee adjustable

Bestellnr./Order no.	Hinweis/Note
P06.7600-040.015	3-polig / 3-pole



Abzweig-Stück / Joint

Bestellnr./Order no.	Hinweis/Note
P06.7600-040.017	3-polig / 3-pole



Justageflansch / Alignment flange

Bestellnr./Order no.	Hinweis/Note
P06.7600-040.019	3-polig / 3-pole

nur für TC53-30 / for TC53-30 only

Zubehör / Accessories

TC76 / LaserControl NT-H 3D

Späneschutz / Chip protection

Bild / Fig. 1

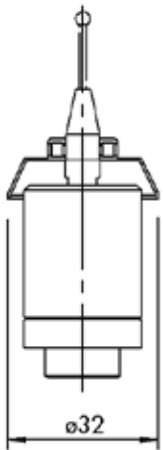
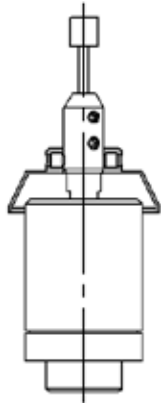


Bild / Fig. 2



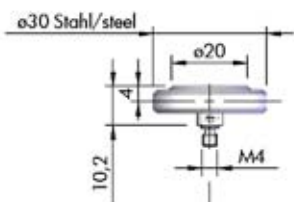
Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
1	P06.7600-040.040	für Standard-Messeinsätze / for standard styli
2	P06.7600-040.041	für justierbare Messeinsätze mit Würfeln / for adjustable styli with dice



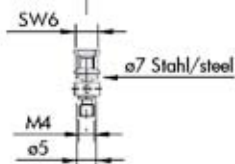
Zubehör / Accessories TC54-20

Antastelement / Probe contact

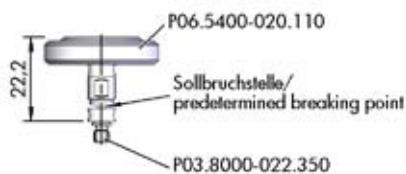
Bild / Fig. 3



Bild/fig. 4



Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
3	P06.5400-020.110	Antastelement / Probe contact
4	P03.8000-022.350	Adapter mit Sollbruchstelle / Adapter with predetermined breaking point



Zubehör / Accessories

Bild / Fig. 1



Bild / Fig. 2

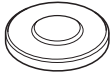


Bild / Fig. 3



Bild / Fig. 4



TC50 / TC51 / TC53-30

Bild / Fig. 5



TC52 / TC53-10 / TC53-20 /
TC54-10 / TC54-20
(2 St. erforderlich / 2 pcs. required)

Bild / Fig. 6

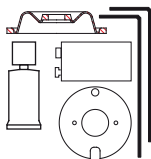


Bild / Fig. 7



Zubehör Z-3D / Accesories Z-3D

Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
1	P05.8000-010.110	Verbindungsstift mit Sollbruchstelle / Connection pin with predetermined breaking point
2	P05.8000-010.111	Antastelement / Probe contact Ø 40
3	P05.8000-010.112	Antastelement / Probe contact Ø 25

Batterien / Batteries

Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
4	980702003	Ultralife Lithium 6LR61 (9V)
5	980702004	Soft Lithium LS14250 (½ AA, 3,6 V)

Zubehörsatz / Accessory set

Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
6	P03.8000-020.001	TC50 / TC51
	P03.8000-020.013	TC53-30
	P03.8000-020.011	TC52 / TC53-10 / TC53-20 / TC54
	P03.8000-020.012	TC76
	P06.1000-010.080	Z-Nano IR

Faltenbalg / Bellows

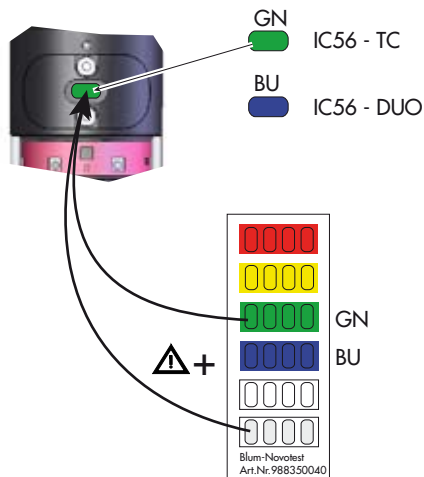
Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
7	P03.8000-020.002	TC50 / TC51 (5 St. / 5 pcs.)
	P03.8000-020.010	TC76 (5 St. / 5 pcs.)

Gerätekenzeichnung / System Coding

Der Farbcode kennzeichnet den Programmierstatus des Messtasters.

The color code marks the programmed state of the probe.

TC-Series - A2, Z-Nano IR - A2
(programmiert auf IC56) / (programmed to IC56)



IC56/IC57
- IF59



IC56 **BLUM**
focus on productivity

- standby
- mode TC
- mode DUO
- no reception
- interference
- reception o.k.
- incorrect system
- send flash
- initial position
- probe deflected
- battery o.k.
- battery low

Probe 1:

Probe 2:

www.blum-novotest.com

IC56-TC	IC56-DUO		
■	■	■	■
■	■	■	■

Set Gerätekenzeichnung / Set system coding

Bestellnr./Order no.	Hinweis/Note
P03.8000-020.006	IC55
P03.8000-020.007	IC56
P03.8000-020.008	IC57

Zubehör / Accessories **LaserControl**

Bild / Fig. 1

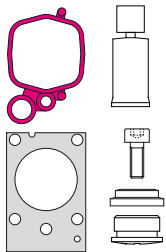


Für ein Lasersystem sind zwei Schutzblenden erforderlich.
For one laser system two pollution protectors are necessary.

LaserControl

Bild/fig.	Bestellnr./order no.	Hinweis/Note
1	P87.0634-032-1	Schutzblende / Shutter
2	P87.0634-032.200	Wartungssatz für Schutzblenden / Maintenance set for shutters

Bild / Fig. 2



Für die Reinigung von verschmutzten Lasersystemen empfehlen wir OKS 2611 Spray oder ähnliche Reiniger.
To clean polluted laser systems we recommend OKS 2611 spray or comparable cleaner.

Bild / Fig. 3



Pneumatikeinheit PNE / Pneumatic Unit PNE

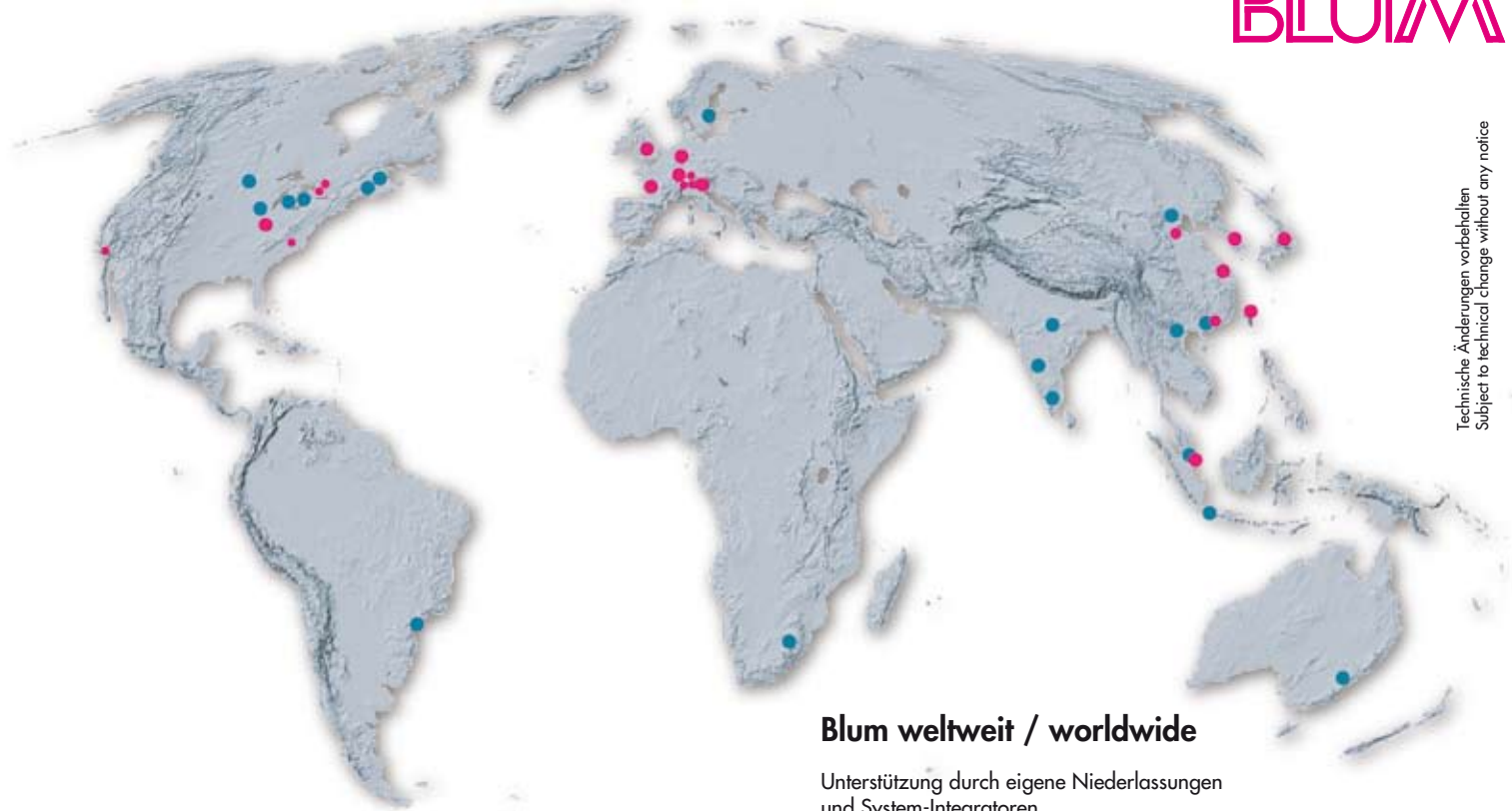
Bild/Fig.	Bestellnr./Order no.	Hinweis/Note
3	P87.0634-051.110	Ersatzfiltersatz für / Replacement set for PNE-051/-054
4	P87.0634-051.111	3-stufiges Filtersystem für PNE-051/-054 / 3-step filter system for PNE-051/-054
5	P87.0634-051.113	Transparente Kunststoffabdeckung für PNE-051/-054 / Transparent plastic cover for PNE-051/-054
	P87.0634-051.115	Ersatzteilsatz für Pneumatikeinheit PNE-051 / Set for service for pneumatic unit PNE-051
	P87.0634-054.115	Ersatzteilsatz für Pneumatikeinheit PNE-054 / Set for service for pneumatic unit PNE-054

Bild / Fig. 4



Bild / Fig. 5





- Blum Niederlassung / Subsidiary
- Blum Service
- System Integrator

Blum weltweit / worldwide

Unterstützung durch eigene Niederlassungen
und System-Integratoren

Customer support is covered by our own subsidiaries
and System Integrators

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