

TRU STEEL H1

**An Excellent Hot Working Tool Steel with
High Hardenability and Toughness**

BENEFITS

- High resistance to heat checking and good red-hardness
- Good Shock resistance
- Good Machinability and dimensional stability
- Excellent hardenability for many die and mandrel applications

APPLICATIONS

Bolsters
Forging Dies
Mandrels

Casting Dies
Gripper Dies
Piercer Points

Dummy Blocks
Hot Header Dies
Punches

Extrusion Dies
Hot Shear Blades
Plastic Molds

CHEMICAL PROPERTIES

Carbon	.32/.45	Chromium	4.75/5.50
Manganese	.20/.50	Phosphorus	.030
Silicon	.80/1.20	Vanadium	.80/1.20
Molybdenum	1.10/1.75	Sulphur	.030

*Available in many forms, please ask your *TRU STEEL METALS* representative for more information.