

I Buderus Hot Work Tool Steel 2365 ISO-B

	C	Si	Mn	P	S	Cr	Mo	V
Typical analysis	0.30	0.30	0.30	0.025	0.003	3.00	2.80	0.60
Chemical composition as per SEL	0.28- 0.35	0.10- 0.40	0.15- 0.45	≤ 0.030	≤ 0.020	2.70- 3.20	2.50- 3.00	0.40- 0.70

Characteristics

Tungsten-free special hot work tool steel on a CrMoV base with good toughness. Insensitive to thermal shock, and thus not susceptible to heat cracking. Particularly suitable for water cooling.

Applications

Extruder tools including pipe extruders, such as extrusion stems, liners and die holders.

Particularly suitable for water-cooled pipe mandrels, hot drawing mandrels.

Part stamping dies for non-ferrous heavy metals, forging die and press die inserts, forging tools for Hatebur presses.

Die-casting moulds for non-ferrous heavy metal pressure die-casting.

Delivered condition

Annealed to max. 229 HB

Hardened and tempered to customer specification on request

Stocking Program

dia 225, 255, 285, 315 mm.