

BANSTEEL s.r.o. • Pod Křížovou 102 • Staré Město • 738 01 Frýdek-Místek • Czech Republic SPOLEČNOST JE REGISTROVANÁ POD SPISOVOU ZNAČKOU ODDÍL C, VLOŽKA 33610, ZE DNE 30. 6. 2009 U KRAJSKÉHO SOUDU V OSTRAVĚ.

# www.bansteel.cz

4.1	7	2	41	6
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stock sizes [mm]

plates and blocks cut to size with band saws to 1000 mm width and to 300 thickness; cut to required size (toughened to 30 HRC)

## **Description:**

Chromium martensitic steel, with good corrosion resistance and good polishability

#### **Application:**

For corrosive plastic moulds

## Chemical composition [%]

С	Mn	Si	Р	S	Cr	Ni	Мо	W	V	Со	Cu
0,36	-	min 1,0	max 0,04	max 0,03	18	-	1,0	-	0,1	-	-

## Equivalents

PN	W. nr	EN	AISI	Russia (GOST)	Other
-	1.2316	X36CrMo17	~420	-	-

#### Processes

welding	NO	
forging	YES	
rolling	YES	
nitriding	YES	
hardening	YES	temp. 1020 - 1050 [°C]
tempering	YES	temp. 180 - 200 [°C] or 600 - 700 [°C]
Hardness		
after toughenin	g	49 HRC (delivered as toughened to 32 HRC)

alter toughening	49 RRC (delivered as toughened to 32 RRC,
after softening	230 HB