

# I Buderus Corrosion-Resistant Plastic Mould Steel 2085 (~ 2316 + S)

	C	Si	Mn	P	S	Cr	Ni
Typical analysis	0.34	0.30	0.95	0.025	0.100	15.0	
Chemical composition as per SEL	0.28-0.38	≤ 1.00	≤ 1.40	≤ 0.030	0.050-0.100	15.0-17.0	≤ 1.00

## Characteristics

Corrosion-resistant plastic mould steel with increased sulphur content compared to grade 2316 ISO-B MOD.

For very good machinability properties.

## Applications

Mould frames and mould fittings for corrosion-resistant injection-moulding dies.

Not suitable for contouring mould parts.

## Delivered condition

Quenched and tempered to 265-310 HB ( $\Delta$  approx. 900-1050 MPa)\*

## Stacking Program

Format thickness x width in mm. bars available in random lengths of 3-5 m

Width Thickness	515	1050
30		<input checked="" type="checkbox"/>
40		<input checked="" type="checkbox"/>
50		<input checked="" type="checkbox"/>
60		<input checked="" type="checkbox"/>
70		<input checked="" type="checkbox"/>
80		<input checked="" type="checkbox"/>
90		<input checked="" type="checkbox"/>
100		<input checked="" type="checkbox"/>
115		<input checked="" type="checkbox"/>
130		<input checked="" type="checkbox"/>
150		<input checked="" type="checkbox"/>
175		<input checked="" type="checkbox"/>
200		<input checked="" type="checkbox"/>
230		<input checked="" type="checkbox"/>
260		<input checked="" type="checkbox"/>
280		<input checked="" type="checkbox"/>
305		<input checked="" type="checkbox"/>
355		<input checked="" type="checkbox"/>