

# I Buderus Corrosion-Resistant Plastic Mould Steel 2085 MOD

## Characteristics

Corrosion-resistant, sulphur-alloyed plastic mould steel with modified chemical composition and increased hardness in comparison to 1.2085 Standard.

## Applications

Mould frames and mould fittings for corrosion-resistant injection-moulding dies.  
Not suitable for contouring mould parts.

Note: Because of its controlled sulphur content (economic to machine) and the high hardness level, this material has low toughness properties.

## Delivered condition

Quenched and tempered to 340–385 HB ( $\Delta$  approx. 1150–1300 MPa)\*

## Stocking Program

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

Width Thickness	260	300	350	400	600
40				<input checked="" type="checkbox"/>	
70		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
85			<input checked="" type="checkbox"/>		
95	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
125		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
130	<input checked="" type="checkbox"/>				
350			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>