

# I Buderus Die Steel 2714 ISO-B

	C	Si	Mn	P	S	Cr	Ni	Mo	V
Typical analysis	0.52	0.25	0.80	0.025	0.004	1.10	1.70	0.45	0.10
Chemical composition as per SEL	0.50- 0.60	0.10- 0.40	0.60- 0.90	≤ 0.030	≤ 0.030	0.80- 1.20	1.50- 1.80	0.35- 0.55	0.05- 0.15

## Characteristics

Classic die steel like grade 2713, but with better tempering properties and better through-hardening properties to a reference diameter of 450 mm. For larger dimensions we recommend grade 2714 ISO-B MOD or hardening and tempering after contour roughing. For hardness up to 440 HB ( $\Delta$  approx. 1500 MPa).

## Applications

Large press dies for forming aluminium, forging dies for large quantities regardless of die size and shape of cut, die and mould holders, tool holders and cold forging die holders, tool cassettes. Hydroforming moulds (IHU).

## Delivered condition

Hardened and tempered to 340-385 HB – standard 380-425HB – HH.

## Stocking Program

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

Width → Thickness ↓	210	260	310	360	410	460	510	560	610	660	710	810	1010	1250
210	√				√									
260		√	√	√									√	
310			√	√	√	√	√	√	√					
360				√	√	√	√	√	√					√
410					√	√	√	√	√	√	√	√		
460						√	√	√	√	√	√	√		
510													√	

Dia 180, 210, 260, 310, 360, 410, 460, 510, 530, 560, 610, 710, 760, 810, 860, 910, 960 mm