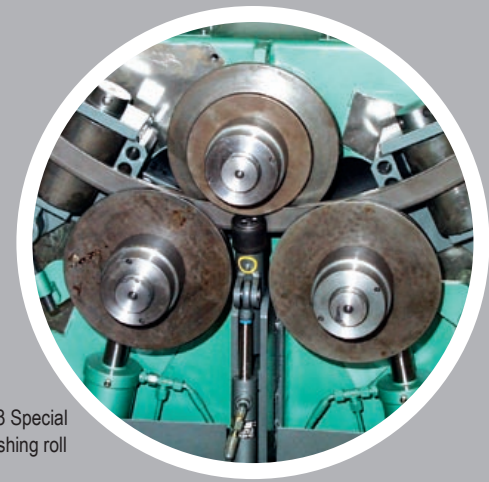


# Capacities and Specifications Type R-1 to R-6



R-3 Square bar on the diamond



R-3 Special pushing roll

Section	R-1		R-2		R-3		R-4		R-5		R-6	
	Standard Rolls	Special Rolls	Standard Rolls	Special Rolls	Standard Rolls	Special Rolls	Standard Rolls	Special Rolls	Standard Rolls	Special Rolls	Standard Rolls	Special Rolls
	50x50x5 To Ø 500 (1)	Small Sections To Ø 120	60x60x6 To Ø 600 (1)	Small Sections To Ø 150	75x75x7 To Ø 750 (1)	Small Sections To Ø 160	90x90x9 To Ø 900 (1)	Small Sections To Ø 250	120x120x12 To Ø 1250 (1)	Small Sections To Ø 310	140x140x15 To Ø 1600 (1)	20x20x3 To Ø 360 (1)
	50x50x5 To Ø 700 (1)	Small Sections To Ø 160	50x50x5 To Ø 600 (1)	Small Sections To Ø 200	60x60x6 To Ø 750 (1)	Small Sections To Ø 250	70x70x7 To Ø 900 (1)	Small Sections To Ø 350	100x100x10 To Ø 1250 (1)	Small Sections To Ø 400	120x120x12 To Ø 1600 (1)	20x20x3 To Ø 450 (1)
	50x50x5 To Ø 400 (1)	Small Sections To Ø 120	60x60x7 To Ø 600 (1)	Small Sections To Ø 150	70x70x8 To Ø 750 (1)	Small Sections To Ø 160	90x90x10 To Ø 900 (1)	Small Sections To Ø 250	120x120x13 To Ø 1250 (1)	Small Sections To Ø 310	140x140x15 To Ø 1500 (1)	Small Sections To Ø 360
	50x50x5 To Ø 500 (1)	Small Sections To Ø 140	50x50x6 To Ø 600 (1)	Small Sections To Ø 200	60x60x7 To Ø 750 (1)	Small Sections To Ø 230	70x70x8 To Ø 900 (1)	Small Sections To Ø 300	100x100x11 To Ø 1250 (1)	Small Sections To Ø 350	120x120x15 To Ø 1500 (1)	Small Sections To Ø 400
	50x50x5 To Ø 400 (1)	Small Sections To Ø 120	60x60x7 To Ø 600 (1)	Small Sections To Ø 180	70x70x8 To Ø 750 (1)	Small Sections To Ø 200	90x90x10 To Ø 900 (1)	Small Sections To Ø 270	120x120x13 To Ø 1250 (1)	Small Sections To Ø 310	140x140x15 To Ø 1400 (1)	Small Sections To Ø 380
	50x10 To Ø 300 (1)	Small Sections To Ø 110	60x12 To Ø 400 (1)	Small Sections To Ø 150	75x15 To Ø 500 (1)	Small Sections To Ø 160	100x18 To Ø 800 (1)	Small Sections To Ø 230	100x30 To Ø 1000 (1)	Small Sections To Ø 310	120x40 To Ø 1000 (1)	Small Sections To Ø 360
	100x15 (1) To Ø 300	Small Sections To Ø 120	150x16 To Ø 400 (1)	Small Sections To Ø 150	200x20 To Ø 500 (1)	Small Sections To Ø 160	200x30 To Ø 800 (1)	Small Sections To Ø 250	250x30 To Ø 1000 (1)	Small Sections To Ø 310	250x40 To Ø 1000 (1)	Small Sections To Ø 360
	30x30 (1) To Ø 500	Small Sections To Ø 110	35x35 To Ø 350 (1)	Small Sections To Ø 150	45x45 To Ø 450 (1)	Small Sections To Ø 160	55x55 To Ø 550 (1)	Small Sections To Ø 250	65x65 To Ø 650 (1)	Small Sections To Ø 310	85x85 To Ø 1000 (1)	Small Sections To Ø 360
	Small Sections	Ø 35 To Ø 500	Small Sections	Ø 40 To Ø 400	Small Sections	Ø 50 To Ø 500	Small Sections	Ø 60 To Ø 600	Small Sections	Ø 70 To Ø 700	Small Sections	Ø 100 To Ø 1000
	Special Rolls Only	OD 50 To Ø 500	Special Rolls Only	OD 61 To Ø 600	Special Rolls Only	OD 76 To Ø 750	Special Rolls Only	OD 100 To Ø 1500	Special Rolls Only	OD 140 To Ø 2000	Special Rolls Only	OD 168 To Ø 2500
	Small Sections	30x30x3,2 (2)	Small Sections	40x40x4 (2)	Small Sections	50x50x5 (2)	Small Sections	75x75x5 (2)	Small Sections	100x100x6,5 (2)	Small Sections	120x120x8 (2)
	Small Sections	IPE 80 To Ø 700	Small Sections	IPE 100 To Ø 500	Small Sections	IPE 140 To Ø 700	Small Sections	IPE 160 To Ø 800	Small Sections	IPE 200 To Ø 900	Small Sections	IPE 300 To Ø 1100
	--	--	--	--	--	--	--	--	Small Sections	HEA 120 To Ø 900	Small Sections	HEA 160 To Ø 1100
	--	--	--	--	--	--	--	--	Small Sections	HEB 100 To Ø 900	Small Sections	HEB 140 To Ø 1100
	Small Sections	UPN 50 To Ø 500	Small Sections	UPN 100 To Ø 1000	Small Sections	UPN 140x60 To Ø 700	Small Sections	UPN 160x65 To Ø 800	Small Sections	UPN 200x75 To Ø 900	Small Sections	UPN 300x100 To Ø 1100
	Small Sections	UPN 50 To Ø 600	Small Sections	UPN 100 To Ø 1200	Small Sections	UPN 140x60 To Ø 800	Small Sections	UPN 160x65 To Ø 900	Small Sections	UPN 200x75 To Ø 1000	Small Sections	UPN 300x100 To Ø 1100
	--	--	--	--	--	--	Special Rolls Only	UPN 80x45 To Ø 6000	Special Rolls Only	UPN 100x50 To Ø 8000	Special Rolls Only	UPN 160x65 To Ø 10000
	--	--	--	--	--	--	Special Rolls Only	IPE 80 To Ø 1000	Special Rolls Only	IPE 100 To Ø 1500	Special Rolls Only	IPE 160 To Ø 7500
<b>Max section modulus (cm³) 3) :</b>	4		7		14		30		48		96	
<b>Diameter of standard Rolls (mm):</b>	175		188		225		275		360		440	
<b>Diameter of topshaft/lowershaft (mm):</b>	55/55		65/65		75/75		105/105		140/120		180/160	
<b>Motor Output (kW):</b>	1,5		2,2		4,0		5,5		7,5		11	

All data are valid for mild steel with yield point 270 N/mm².

1) Indicated diameters are valid for max. section in one or few passes. Smaller sections can be bent to smaller diameters.

2) Smallest bending diameter depends on grade of deformation that can be accepted.

3) Depending on bending diameter.