

Bright / cold finished bars

Unalloyed engineering steel

Grade	Werkstoff	EN	Profile	Tolerance	Heattreatment	Dimensions
S235JRC	1.0037	10277-2	round	h9	untreated	6 - 110
S355J2C	1.0577	10277-2	round	h9	untreated	5 - 110
S235JRC	1.0037	10277-2	flat	h11	untreated	12 - 300 / 5 - 60
S235JRC	1.0037	10277-2	square	h11	untreated	10 - 80
S355J2C	1.0577	10277-2	square	h11	untreated	10 - 80
S235JRC	1.0037	10277-2	hexagon	h11	untreated	9 - 50

Free-cutting steel

Grade	Werkstoff	EN	Profile	Tolerance	Heattreatment	Dimensions
11SMn30	1.0715	10277-3	round	h9	untreated	5 - 120
11SMnPb30	1.0718	10277-3	round	h9	untreated	4 - 120
11SMn30	1.0715	10277-3	square	h11	untreated	12 - 80
11SMnPb30	1.0718	10277-3	square	h11	untreated	6 - 80
11SMn30	1.0715	10277-3	hexagon	h11	untreated	9 - 80
11SMnPb30	1.0718	10277-3	hexagon	h11	untreated	10 - 75

Case-hardening steel

Grade	Werkstoff	EN	Profile	Tolerance	Heattreatment	Dimensions
C15E	1.1141	10277-4	round	h9	untreated	10 - 95
C15Pb	1.0403	10277-4	round	h9	untreated	8 - 50
16MnCrS5	1.7139	10277-4	round	h9	FP - Annealed	10 - 65
16MnCrSPb5	1.7142	10277-4	round	h9	untreated	14 - 55

Heat-treatable steel

Grade	Werkstoff	EN	Profile	Tolerance	Heattreatment	Dimensions
C35E	1.1181	10277-5	round	h9	untreated	10 - 70
C35Pb	1.0502	10277-5	round	h9	untreated	14 - 45
C45E	1.1191	10277-5	round	h9	untreated	8 - 115
C45E	1.1191	10277-5	round	h6 (ground)	untreated	20 - 100
C45Pb	1.0504	10277-5	round	h9	untreated	9 - 50
42CrMo4	1.7225	10277-5	round	h9	+QT	14 - 100
42CrMoS4	1.7227	10277-5	round	h9	+QT	14 - 100
C45E	1.1191	10277-5	flat	h11	untreated	12 - 150 / 7 - 60
C45E	1.1191	10277-5	square	h11	untreated	10 - 90
C45E	1.1191	10277-5	hexagon	h11	untreated	10 - 41

Hard chrome-plated piston rods

Grade	Werkstoff	EN	Profile	Tolerance	Heattreatment	Dia / mm
20MnV6	1.5217		round	f7 / f8	untreated	10 - 18
20MnV6	1.5217		round	f7 / f8	untreated	19 - 200

