



GAMMAPLUS300

96 hours corrosion resistance NSS rating 10

300 hours corrosion resistance NSS rating 9

NSS – Neutral salt spray test according to ISO 9227 / Rating evaluation according to ISO 10.289

Steel grade	C (%)	Si (%)	Mn (%)	S (%)	P (%)	V (%)	Cr (%)	Mo (%)	Ni (%)	N (%)	Werkstoff
Ck45	0,42-0,50	Max. 0,40	0,50-0,80	Max.0,035	Max.0,035	-	Max.0,40	Max.0,10	Max.0,40	-	1.1191
20MnV6	0,16-0,22	0,10-0,50	1,30-1,70	Max.0,035	Max.0,035	0,08-0,20	-	-	-	-	1.5217
38MnV6	0,34-0,41	0,15-0,80	1,20-1,60	Max.0,035	Max.0,025	0,08-0,20	Max.0,30	Max.0,08	-	0,010-0,020	1.1303
38MnVS6	0,34-0,41	0,15-0,80	1,20-1,60	0,02-0,06	Max.0,025	0,08-0,20	Max.0,30	Max.0,08	-	0,010-0,020	1.1303
42CrMo4+QT	0,38-0,45	Max. 0,40	0,60-0,90	Max.0,035	Max.0,025	-	0,90-1,20	0,15-0,30	-	-	1.7225

Steel grade	Range Ø	Yield point (N/mm ²)	Tensile strength (N/mm ²)	Elongation (%)	PSI
Ck45	20 ÷ 95	Min. 305	580 ÷ 850	Min. 14	45.000
	100 ÷ 200	Min. 275	560 ÷ 800	Min. 16	40.000
20MnV6	20 ÷ 65	Min. 450	550 ÷ 850	Min. 18	65.000
	69,85 ÷ 200	Min. 390	530 ÷ 850	Min. 21	55.000
38MnV6/38MnVS6	20 ÷ 100	Min. 520	800 ÷ 1000	Min. 12	75.000
	101,6 ÷ 200	Min. 520	800 ÷ 1000	Min. 14	65.000
42CrMo4+QT	20 ÷ 120	Min. 550	900 ÷ 1300	Min. 10	106.000
	125 ÷ 200	Min. 550	850 ÷ 1150	Min. 12	100.000

Series	Steel grade	ISO-Tolerance	Chrome layer	Corrosion resistance	Lengths range
Gammaplus300-C	Ck45	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 300 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-V	20MnV6	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 300 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-CH	Ck45+IH	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 200 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-S	38MnV6/38MnVS6	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 200 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-SH	38MnV6/38MnVS6+IH	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 200 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-Q	42CrMo4+QT	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 200 H NSS R 9	5000 ÷ 7500 mm
Gammaplus300-QH	42CrMo4+QT+IH	Ø 20 f7 ÷ 200 f7	Min. 35µm	96 H NSS R 10 200 H NSS R 9	5000 ÷ 7500 mm

STAINLESS STEEL CHROME BARS AISI 304/316/431 AND CUSTOM SOLUTIONS UPON REQUEST