



Hersta-Stahl

Hermann Stahlschmidt Stahlges. m.b.H.

PRODUCT RANGE

With a stock of roughly 20.000 tons of more than 35 types of alloyed high grade special steels from dimensions 6 up to 850 mm round – for selected steel grades - in flat and square bars we occupy the leading position in the market.

Due to our 35 band saws, turning lathe, boring and centring machines we can cover your specific requirements – on request within just a few hours. In cooperation with our partners we offer additional services such as heat treatment, processing and husker businesses as well as inspection by independent test laboratories.

Our competitive advantages are a high quality standard, fast handling and a high level of flexibility. Hersta Stahl is certified according to EN ISO 9001.

Almost all of our stored material can be approved by major classification companies. We are pleased to advise you with our expertise in all technical matters to find an individual solution for your specific requirements.

ROUND STEEL:

GRADE	GRADE NUMBER	HEAT TREATMENT	HOT ROLLED EN 10060	FORGED DIN 7527/6	
S355J2G3	1.0577	+ N	200 - 310	320 - 800	GENERAL STRUCTURAL STEEL
C45 E	1.1191	+ N	200 - 320	265 - 800	UNALLOYED HEAT TREATABLE STEEL
15NiCr13	1.5752	+ A /+ TH	20 - 250	260 - 400	ALLOYED CASE-HARDENING STEELS
17CrNi6-6	1.5918	+ A /+ TH	16 - 260	260 - 500	
ZF1	1.5918	+ TH	40 - 170		
18CrNi8	1.5920	+ A /+ TH	20 - 250		
18CrNiMo7-6	1.6587	+ A /+ TH /+ FP + QT	18 - 250 60 - 250	250 - 800 210 - 410	
ZF1A	1.6587	+ FP	20 - 220		
16MnCr5	1.7131	+ A /+ U	6 - 300	310 - 850	
20MnCr5	1.7147	+ A	20 - 300	310 - 850	
ZF7B	1.7168	+ FP	30 - 220		
37MnSi5	1.5122	+ QT	18 - 250		ALLOYED HEAT TREATABLE STEELS
30CrNiMo8	1.6580	+ A + QT	16 - 250 20 - 260	260 - 500 260 - 800	
34CrNiMo6	1.6582	+ A + QT	15 - 300 16 - 260	280 - 300 260 - 800	
35NiCrMoV12-5 (modified)	1.6959	+ QT + SR	25 - 200		
34Cr4	1.7033	+ QT	16 - 170		
41Cr4	1.7035	+ QT	16 - 150		
25CrMo4	1.7218	+ QT	16 - 300	260 - 580	
34CrMo4	1.7220	+ QT	20 - 250	260 - 400	
42CrMo4	1.7225	+ A + QT	11 - 300 7 - 300	260 - 340 240 - 850	
50CrMo4	1.7228	+ QT	20 - 250	250 - 400	
30CrMoV9	1.7707	+ QT	25 - 220		
51CrV4	1.8159	+ A + QT	15 - 250 16 - 250	260 - 700 260 - 490	
100Cr6	1.3505	+ AC	20 - 230	240 - 450	
100CrMo7-3	1.3536	+ AC	60 - 220	240 - 300	
24CrMo5/25CrMo4 (EN 10269)	1.7218	+ QT	16 - 85		HIGH TEMPERATURE CONSTRUCTION STEELS
13CrMo4-5	1.7335	+ QT	20 - 250		
21CrMoV5-7	1.7709	+ QT	16 - 250		
24CrMoV5-5	1.7733	+ QT	70 - 200		
14CrMoV6-9	1.7735	+ QT + SR	30 - 250	260 - 420	NITRIDING STEELS
15CrMoV5-9	1.8521	+ QT + SR	30 - 250	260 - 420	
31CrMoV9	1.8519	+ QT + SR	20 - 250	260 - 800	
34CrAlNi7-10	1.8550	+ QT + SR	18 - 250	210 - 675	
X153CrMoV12	1.2379	+ AC	20 - 90		TOOL STEEL
X39CrMo17.1	1.4122	+ QT	40 - 110		STAINLESS STEEL

FLAT AND SQUARE BARS:

GRADE	GRADE NUMBER	HEAT TREATMENT	FLAT	SQUARE	
16MnCr5	1.7131	+ A /+ U	20x10-250x30	20 - 300	ALLOYED CASE-HARDENING STEELS
20MnCr5	1.7147	+ A /+ U	20x10-250x30	20 - 300	
42CrMo4	1.7225	+ QT	30x10-150x80	20 - 350	ALLOYED HEAT TREATABLE STEEL

KEY:

+ A: soft annealed, + AC: annealed to hardness and carbides, + N: normalized, + QT: quenched and tempered, + SR: stress relief annealed, + U: untreated, + TH: annealed to hardness range, + FP: annealed to hardness and microstructure