

Creep resistant and pressure hydrogen constant steels												
Type / code	Covered electrodes											
	1.5424	1.5424	1.7346	1.7384	1.7373							
Filler metal	E Mo R 12	E Mo B 42	E CrMo1 B 12 H5	E CrMo2 B 12 H5	E CrMo5 B 42 H5							
	CROMOWELD MO AC	CROMOWELD MO	CROMOWELD 1	CROMOWELD 2	CROMOWELD 5							
Base metal												
Seamless tubes made of warm firm steels in accordance to DIN 17175 and flat products made of pressure vessel steels in accordance to EN 10028-2 (DIN 17155) *												
1.0345	P235GH (HI)	●	●									
1.0405	P255G1TH (St 45.8)	●	●									
1.0425	P265GH (HII)	●	●									
1.0461	S255N (StE 255)	●	●									
1.0481	P295GH (17 Mn 4)	●	●									
1.0482	P310GH (19 Mn 5)	●	●									
1.0473	P355GH (19 mn 6)	●	●									
1.5415	16Mo3 (15 Mo 3)	●	●									
1.7335	13CrMo4-5 (13 CrMo 4 4)			●								
1.7380	10CrMo9-10 (10 CrMo 9 10)				●							
1.7383	11CrMo9-10				●							
Steel cast for pressure vessel for the use increased temperatures in accordance to EN 10213-2 (DIN 17245)												
1.0619	GP240GH (GS-C 25)	○	●									
1.0625	GP280GH	○	●									
1.5419	G20Mo5 (GS-22 Mo 4)	●	●									
1.7357	G17CrMo5-5 (GS-17 CrMo 5 5)			●								
1.7379	G17CrMo9-10 (GS-18 CrMo 9 10)				●							
Pressure hydrogen constant steels nach DIN 17176												
1.7218	25CrMo4			○								
1.7335	13CrMo4-5 (13 CrMo 4 4)			●								
1.7380	10CrMo9-10 (10 CrMo 9 10)				●							
1.7375	12CrMo9-10 (12 CrMo 9 10)				●							
1.7362	12CrMo19-5 / X12CrMo5					●						

● = suitable filler metal

* also see welding indicator unalloyed and low-alloyed

○ = fairly suitable, if request request advice on suitability