



Welding mark	Base material (BM)	Werkstoff No.	Filet material clasificational			ZM1	ZM2	Type	Shape	Range of	Range of	PWHT	No. of WPQR	Approval by EN	Approval in
			Trade name	Standard		EN ISO 15 608	joint	joint	tickness	average(Ø)					
WPQR for presure parts by EN 15614-1, 2014/68/EU															
141	X6CrNiMoTi17-12-2	1.4301	308L	EN ISO 14343-A:	W 19 12 L	8.1	8.1	BW	V	1,0 - 4,0	≥ 10,00	NA	HV 26 0715	15 614-1	2026
141	X6CrNiMoTi17-12-2	1.4404	316L	EN ISO 14343-A:	W 19 12 3 L	8.1	8.1	BW	V	1,0 - 4,0	≥ 10,00	NA	HV 26 0716	15 614-1	2026
141	X6CrNiMoTi17-12-2	1.4571	318Si	EN ISO 14343-A:	W 19 12 3 NbSi	8.1	8.1	BW	V	1,0 - 4,0	≥ 10,00	NA	7165017244/50/19	15 614-1	2019
141	X6CrNiMoTi17-12-2	1.4571	318Si	EN ISO 14343-A:	W 19 12 3 NbSi	8.1	8.1	BW	V	2,03 – 5,8	12,25 – 49,0	NA	0284/50/13-01	15 614-1	2013
141	X6CrNiMoTi17-12-2	1.4571	318Si	EN ISO 14343-A:	W 19 12 3 NbSi	8.1	8.1	BW	V	3,0 – 10,0	≥ 40	NA	0284/50/13-02	15 614-1	2013
141	P265GH	1.0425	OK TIGROD 12.61	EN ISO 636-A:	W3Si1	1.1	1.1	BW	V	2,03 – 5,8	12,25 – 49,0	NA	0284/50/13-04	15 614-1	2013
141	P355NL1	1.0566	OK TIGROD 12.61	EN ISO 636-A:	W3Si1	1.2	1.2	BW	V	3,2 – 24,0	≥ 57,15	NA	1551/20/11	15 614-1	2011
141	16Mo3	1.5415	BÖHLER DMO-IG	EN ISO 21952:	W MoSi	1.1	1.1	BW	V	3,0 – 7,2	≥ 25	NA	1016/50/16-01	15 614-1	2016
141	16Mo3	1.5415	BÖHLER DMO-IG	EN ISO 21952:	W MoSi	1.1	1.1	BW	V	3,0 – 24,0	≥ 20	A	PZ-300/20/1693	15614-1	2020
141	SA 350 LF3		BÖHLER 2,5 Ni-IG	EN ISO 636-A:	W 46 8 2Ni2	9.2	9.2	BW	V	3 - 24	≥ 20	NA	H/V 24 0938	15 614-1	2024
141	10CrMo9-10	1.7380	BÖHLER CM 2-IG	EN ISO 21952-A:	W CrMo2Si	5.2	5.2	BW	V	3,0 – 24,0	≥ 25	A	1016/50/16-02	15 614-1	2016
141	13CrMo4-5	1.7335	DCMS-IG	EN ISO 21952:	W CrMo1Si	5.1	5.1	BW	V	3,0 – 24,0	≥ 25	A	1016/50/16-03	15 614-1	2016
141	16Mo3 15iCuMoNb5-6-4	1.5415 1.6368	BÖHLER DMO-IG	EN ISO 21952:	W MoSi	1.1	4.2	BW	V	3,0 – 24,0	≥ 25	A	PZ-300/20/1694	15614-1	2020
141	10CrMo9-10 X10CrMoVNB9-1	1.7380 1.4903	BÖHLER C 9 MV-IG	EN ISO 21952-A:	W CrMo91	5.2	6.4	BW	V	3,0 – 24,0	≥ 25	A	PZ-300/20/1695	15614-1	2020
141	P265GH X6CrNiMoTi17-12-2	1.0425 1.4571	309L	EN ISO 14343-A:	W 23 12 L	1.1	8.1	BW	V	3,0 – 12,6	≥ 30,15	NA	0367/50/16-01	15 614-1	2016
141	P265GH X6CrNiMoTi17-12-2	1.0425 1.4571	309L	EN ISO 14343-A:	W 23 12 L	1.1	8.1	FW	└	0,75 – 3,0	≥ 50	NA	0367/50/16-02	15 614-8	2016
141	13CrMo4-5	1.4408	UTP A 068 HH	EN ISO 18274:	S Ni 6082	5.1	8.1	BW FW	V └	1,15 – 4,6 1,61 – 4,6	≥ 6,75	NA	PZ-300-1501	15 614-1	2019
141	Alloy 800HT	1.4876	BÖHLER NIBAS 70/20-IG	EN ISO 636-A:	ERNiCr-3	45	45	BW	V	3 - 24	≥ 20	NA	H/V 25 0400	15 614-1	2024
135	X5CrNi18-10	1.4301	308 Lsi	EN ISO 14343-A:	G 19 9 L Si	8.1	8.1	BW	V	3 - 24	≥ 25	NA	PZ-300/20/1902	15 614-1	2020
111	P355GH	1.0473	E-B 121	EN ISO 256-A:	E 38 3 B 4 2 H10	1.2	1.2	BW	V	3,0 – 24,0	≥ 79,5	NA	0284/50/13-05	15 614-1	2013
111	X6CrNiMoTi17-12-2	1.4571	OK 63.80	EN 1600:	E 19 12 3 Nb R 3 2	8.1	8.1	BW	V	3,0 – 20,0	≥ 57,15	NA	0284/50/13-03	15 614-1	2013
WPQR for steel construction															
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	BW	V	3,0 – 5,2	≥ 44	NA	MK 135-BW-4	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	FW	└	3,0 – 8,0	≥ 44	NA	MK 135-BW-4	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	BW	V	3,0 – 20,0	≥ 44	NA	MK 135-BW-5	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	FW	└	5,0 – 20,0	≥ 44	NA	MK 135-BW-5	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	BW	V	3,0 – 20,0	≥ 44	NA	MK 135-BW-6	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	FW	└	5,0 – 20,0	≥ 44	NA	MK 135-BW-6	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	BW	V	3,0 – 24,0	≥ 150	NA	MK 135-BW-7	15 614-1	2014
135	S355	S355	SG2	EN ISO 14341-A:	G3Si1	1.2	1.2	FW	└	6,0 – 24,0	≥ 150	NA	MK 135-BW-7	15 614-1	2014