

Unalloyed and low-alloyed steels										
Type / code	Covered electrodes									
	E 42 0 RC 11	E 38 0 RC 11	E 42 0 RC 11	E 42 0 RC 11	E 42 0 RR 12	E 42 0 RR 73	E 38 2 RB 12	E 42 3 B 32 H10	E 42 4 B 32 H5	E 46 4 B 32 H5
Filler metal	CARBO RC 3	CARBO RC 3 BLAU	CARBO RRC 5	CARBO RRC 6	CARBO RR 6	CARBO RR 11	CARBO RRB 7	CARBO BR 10 D	CARBO B 10	CARBO MN B
Base metal										
shipbuilding steel (co-ordination corresponding to GL)										
A / B / D	●		●		●			●	●	
E								●	●	
A32 / D32	●							●	●	
E32	●							●	●	
A36 / D36								●	●	
E36								●	●	
cast steel in accordance to DIN 17182										
1.1131	GS-16 Mn 5 (G17Mn5)							●	●	●
1.1120	GS-20 Mn 5N/V (G20Mn5)							●	●	●
1.5015	GS-8 Mn 7 (G8Mn7)							●	●	●
1.6221	GS-8 Mn Mo 7 4							●	●	●
cast steel in accordance to DIN 1681										
1.0420	GS-38							●	●	●
1.0446	GS-45							●	●	●
1.0552	GS-52							●	●	●
1.0558	GS-60							●	●	●
heat treatable steel in accordance to EN 10083										
1.0402	C 22	●	●	●	●	●	●	●	●	●
1.0501	C 35								●	●
1.0503	C 45								●	●
1.0535	C 55								●	●
1.0601	C 60								●	●
1.1151	C22E (Ck 22)	●	●	●	●	●	●	●	●	●
1.1181	C35E (Ck 35)								●	●
1.1191	C45E (Ck 45)								●	●
1.1203	C55E (Ck 55)								●	●
1.1221	C60E (Ck 60)								●	●
1.1170	28Mn6								●	●

● = suitable filler metal

○ = suitable (attention should be made to initial temperature and metal thickness)