

■ Welding Consumables
The logical consequence



Stick Electrodes



Solid Wire
Flux Cored Wire

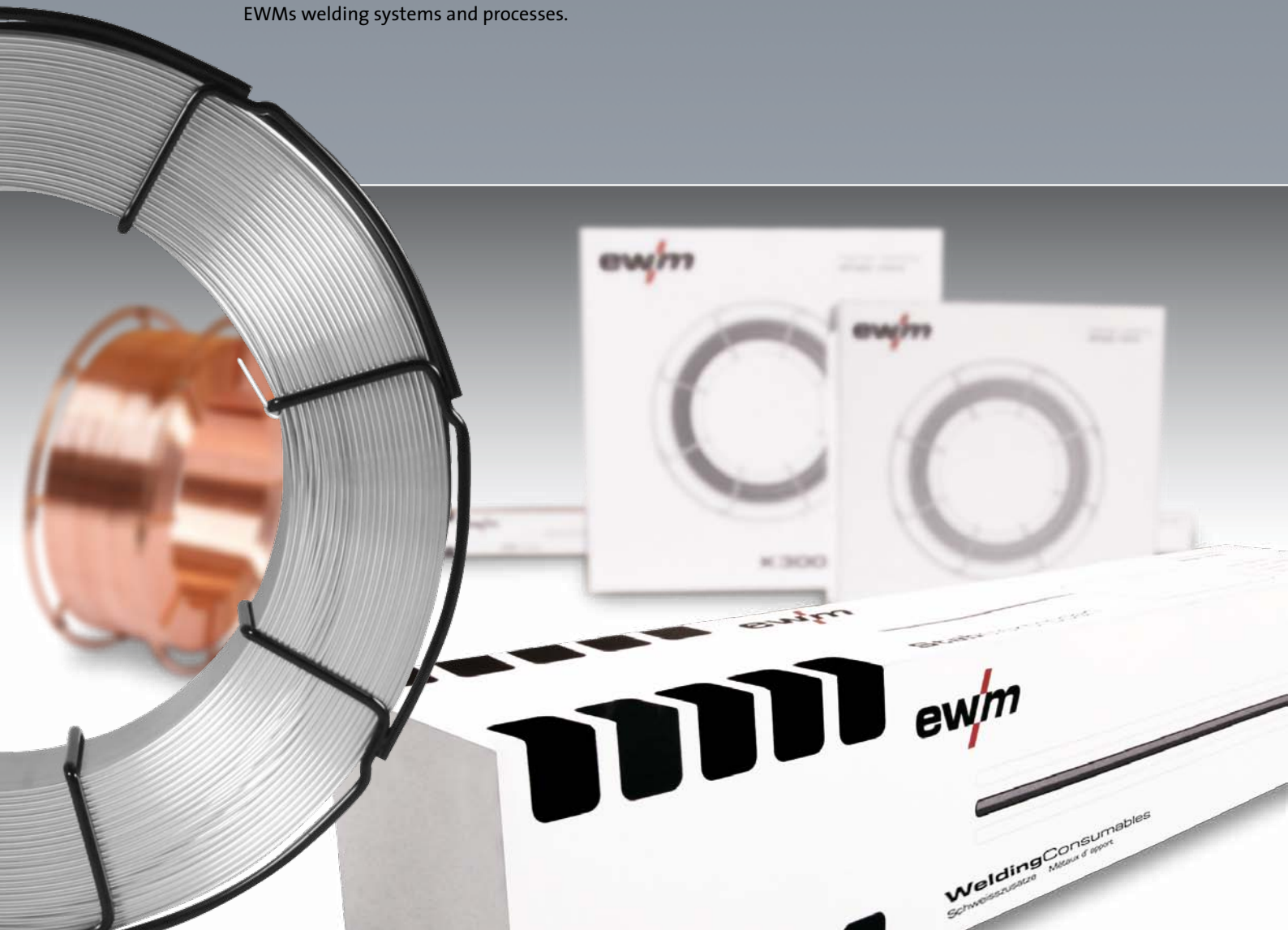


TIG Rods

■ „EWM PREMIUM QUALITY“ – WELDING CONSUMABLES

■ A partner with responsibility – EWM with our expanded product range

Now that EWM has perfected its Hi-value, Hi-technology welding systems and welding torches, we have now advanced to the next technological level: Welding consumables from EWM. These also carry the world wide known and expected EWM Quality guarantee, no matter whether stick electrodes, welding rods, solid or cored wires, they are perfectly designed to enhance all of EWMs welding systems and processes.



The complete spectrum of EWM welding consumables are produced to EWMs stringent specifications. Detailed analysis of every single production charge ensures perfectly consistent quality and welding results. Further to this, (we will take our solid wire as an example), we control the winding, coating quality, percentage of draw lubricants, feed/glide properties (also over long distances) and metallurgical properties, just to mention a few of the factors effecting quality. All this to ensure the best possible, reproducible process safety.

**THE WHOLE WORLD OF WELDING TECHNOLOGY –
EVERYTHING FROM ONE SINGLE SUPPLY SOURCE!**



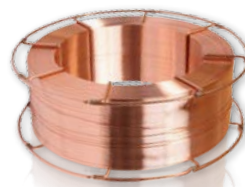
- Unbeatable benefits for the users of EWM welding consumables
 - One point of contact for all system components
 - Consultation and service for the whole process chain
 - Accelerated availability and delivery times
 - The responsibility for the complete process chain is carried by one single system partner: EWM!



**Certified welding with
EWM welding consumables**



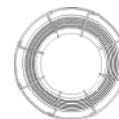
Stick Electrodes



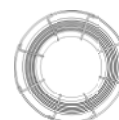
Solid Wire
Flux Cored Wire



TIG Rods



Solid Wire	Name	AWS	ISO	Material number
Mild Steels	SW 70S G3 Ti	ER70S-2	G 42 2 C/M G3Si1+Ti	
	SW 70S G3	ER70S-6	G 42 4M/C G3Si1	1.5125
	SW 70S G4	ER70S-6	G 42 2C G4Si1 G 46 4M/C G4Si1	1.5130
High-Tensile	SW 100S NiMoCr	ER100S-G	G 69 5 M Mn 3 Ni1Cr Mo	
	SW 100S NiMo	ER100S-G	GZMn3Ni1Mo	
Weather Resistant	SW 80S NiCu	ER80S-G	G0	
Heat Resistant	SW 80S CrMo1	ER80S-B2	G CrMo 1 Si	1.7339
	SW 80S Mo	ER80S-G	G Mo Si	1.5424
	SW 90S CrMo2	ER90S-G	G CrMo 2 Si	1.7384
Hardfacing	SW Hard 600		S Fe8	1.4718
Stainless Steels	SW 307 Si	ER307L	G 18 8 Mn	1.4370
	SW 308 LSi	ER308LSi	G 19 9 L Si	1.4316
	SW 309 LSi	ER309LSi	G 23 12 L Si	1.4332
	SW 316 LSi	ER316LSi	G 19 12 3 L Si	1.4430
	SW 318 Si	ER318Si	G 19 12 3 Nb Si	1.4576
	SW 2209 Duplex	ER2209	G 22 9 3 LN	1.4462
	SW 310	ER310	G 25 20	1.4842
	SW 625	ERNiCrMo3	S Ni 6625 (NiCr22Mo9Nb)	2.4831
	SW 312	ER312	G 29 9	1.4337
Aluminium	SW 5754 Mg3	ER5754	S AL 5754	3.3536
	SW 5183 Mg4,5 Mn	ER5183	S AL 5183	3.3548
	SW 5356 Mg5	ER5356	S AL 5356	3.3556
	SW 3103 Mn1		S AL 3103	
	SW 5087 MG4,5 MnZr	ER5087	S AL 5087	
	SW 1450 99,5 Ti		S AL 1450	
	SW 4047 Si12	ER4047	S AL 4047A	
SW 4043 Si5	ER4043	S AL 4043A	3.2245	
Copper	SW CuSi3	ERCuSi-A	S Cu 6560	2.1461
	SW CuAl8	ERCuAl-A1	CuAl8	2.0921



Flux Cored Wire	Name	AWS	ISO	Material number
Mild Steels	FCW 71T Basic	E71T-5M-J	T 42 2 B M 1 H5	
	FCW 70TC Metal	E70C-6M/-6C	T 42 2 M M/C 1 H5	
	FCW 71T Rutile CO2	E71T-1M/-1C	T 42 2 P M/C H5	
	FCW 81T Rutile Ni1	E81T1-Ni1M-J	T 46 6 1Ni P M 2 H5	
	FCW 71T Rutile	E71T-1M	T 42 2 P M 1 H5	
	FCW 71T Selfshield	E71T-11		
Stainless Steels	FCW 309 Rutile	E309LT0-1/4	T 23 12 L R C/M 3	1.4430
	FCW 309 LP Rutile	E309LT1-1/-4	T 23 12 L P C/M 1	1.4332
	FCW 316 LP Rutile	E316LT1-1/-4	T 19 12 3 L P C/M 1	1.4430
	FCW 316 Rutile	E316LT0-1/4	T 19 12 3 L R C/M 3	1.4430



MMA

Stick Electrodes	Name	AWS	ISO	Material number
Mild Steels	SE 7016 BR	E7016	E 42 2 B 12 H 10	
	SE 7018 BH5	E7018	E 42 4B 32 H5	
	SE 6013 RC	E6012	E 38 0 RC 11	
	SE 6013 RRB	E6013	E 35 2 RB 12	
	SE 6013 RRC	E6013	E 42 0 RC 11	
	SE 6013 RC blau	E6013	E 42 0 RC 11	
	SE 6013 RR	E6013	E 42 0 RR 12	
Heat Resistant	SE 8018 CrMo1	E8018-B2	E CrMo1 B 42 H5	1.7346
	SE 9018 CrMo2	E9018-B3	E CrMo2 B 42 H5	1.7384
	SE 7018 Mo	E7018-A1	E46 4Mo B 42 H5	1.5424
Stainless Steels	SE 308 L	E308L-16	E 19 9 L R 12	1.4316
	SE 309 MoL	E309Mo-26	E 23 12 2 L R 32	1.4459
	SE 312	E312-16	E 29 9 R 32	1.4337
	SE 316 L	E316L-16	E 19 12 3 L R 12	1.4430
	SE 625	ENiCrMo3	E Ni 6625 (NiCr22Mo9Nb)	2.4621
	SE 310	E310-16	E 25 20 LR 12	1.4842
	SE 2209 Duplex	E2209L-16	E 22 9 3 R 32	1.4462
	SE 307	E307L-16	E 18 8 Mn R 12	1.4370
	SE Ni	ENi-CI	E C NiCl 1	
	SE NiFe	ENiFeCl	E C NiFe 1 1	
	SE 318	E318-16	E 19 12 3 Nb R 12	1.4576
Hardfacing	SE HARD 600		E Fe 8	1.4718



TIG

TIG Rod	Name	AWS	ISO	Material number
Mild Steels	TR 705 G3	ER70S-6	W 46 5 W 3 Si 1	1.5125
Heat Resistant	TR 80S CrMo1	ER80S-G	W CrMo 1 Si	1.7339
	TR 90S CrMo2	ER90S-G	W CrMo 2 Si	1.7384
	TR 80S Mo	ER 70S-A1 (ER80S-G)	W Mo Si	1.5424
Stainless Steels	TR 307 Si	ER307Si	W 18 8 Mn Si	1.4370
	TR 309 LSi	ER309LSi	W 23 12 L Si	1.4332
	TR 310	ER310	W 25 20	1.4842
	TR 312	ER312	W 29 9	1.4337
	TR 625	ERNiCrMo3	W Ni 6625 (NiCr22Mo9Nb)	2.4831
	TR 308 LSi	ER308LSi	W 19 9 L Si	1.4316
	TR 316 LSi	ER316LSi	W 19 12 3 L Si	1.4430
	TR 318 Si	ER318Si	W 19 12 3 Nb Si	1.4576
	TR 2209 Duplex	ER2209	W 22 9 3 N L	1.4462
Aluminium	TR 5754 Mg3	ER5754	S AL 5754	3.3536
	TR 5183 Mg4,5 Mn	ER5183	S AL 5183	3.3548
	TR 4047 Si12	ER4047	S AL 4047A	
	TR 5087 MG4,5 MnZr		S AL 5087	
	TR 1450 99,5 Ti		S AL 1450	
	TR 5356 Mg5	ER5356	S AL 5356	3.3556
TR 4043 Si5	ER4043	S AL 4043A	3.2245	
Copper	TR CuNi	ERCuNi	S Cu 7158	2.0837
	TR CuSi3	ERCuSi-A	S Cu 6560	2.1461

Gas Welding Filler Rod	Name	AWS	ISO	Material number
Mild Steels	GFR R60	R60	O III	1.6215

For more information please visit:
www.ewm-group.com



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