



## TecMig (TM WELDING (WUHAN) CO.,LTD)











is an ISO9001 approved manufacturer, offering a complete range of welding rods & welding wires to international customers. All TecMig products are manufactured & tested according to AWS & EN ISO & AS/NZS standards and main products are ABS ( 2026) / CE / UKCA / CPR approved.

TecMig has been serving more than 100 international welding brands for almost 30 years, and helped many international companies to establish their own welding product line from zero and witnessed their growth and successes.

This is why TecMig is called **"The unsung hero behind many international welding brands"**

With most advanced technologies from Japan and best raw materials (ARORCEL® from German, Rutilite from Australia, Sericite from Malaysia, etc) TecMig is offering the most reliable welding materials with quality comparable with top international brands like Kobelco / Esab / Lincoln/ Olierkon, etc





Product & Features	Classification
<p><b>E6013 Super Arc</b> </p> <p>German ARBOCEL® &amp; Top #92 Australian rutile Stronger arc force / Good with low OCV machine/ Good for galvanized steel</p>	 <p>SFA/AWS A5.1 E6013 ISO2560-A-E38 0 R1 11 GB/T 5117 E4313</p>
<p><b>E6013 LF</b></p> <p>30% less welding smoke / Good with low OCV machine Good for galvanized steel;Very easy to operate</p>	 <p>SFA/AWS A5.1 E6013 ISO2560-A-E38 0 R1 12 GB/T 5117 E4313</p>
<p><b>E6010</b></p> <p>Deeper penetration, insensitive to surface contaminants Ideal for root welding of carbon steel pipes</p>	<p>SFA/AWS A5.1 E6010 ISO2560-A E38 0 C 2 1</p>
<p><b>E6011 Super Arc</b> </p> <p>German ARBOCEL® ensure high current welding capability (135A for 3.2mm) ;Good with low OCV machine</p>	 <p>SFA/AWS A5.1 E6011 ISO2560-A E38 0 C 2 1 GB/T5117 E4311</p>
<p><b>E7016</b></p> <p>Improved formula of 2024 Spray transfer ensures very uniform bead formation</p>	<p>SFA/AWS A5.1 E7016 ISO2560-A E42 3 B 12 GB/T5117 E5016</p>
<p><b>E7018</b></p> <p>400% higher impact energy at -30 C than AWS standards Higher deposition rate / Instant arc start</p>	 <p>SFA/AWS A5.1 E7018 ISO2560-A E42 3 B 1 2 GB/T5117 E5018</p>
<p><b>E7018 Super Arc</b> </p> <p>30% iron powder used brings higher deposition rate Special alloy improves re-arc performance &amp; toughness of bead</p>	<p>SFA/AWS A5.1 E7018 ISO2560-A E42 3 B 1 2 GB/T5117 E5018</p>
<p><b>E7018-1 H4R</b></p> <p>Exceeds AWS toughness requirements at -50°F Super low hydrogen content H4</p>	<p>SFA/AWS A5.1 E7018-1 H4 EN ISO 2560-A : E 46 5 B 32 H5 GB/T5117 E5018-1</p>
<p><b>E308L-16</b></p> <p>Strictly comply with AWS A5.4 chemical composition requirement.</p>	<p>SFA/AWS A5.4 E308L-16 ISO3581-A-E19 9 L R</p>
<p><b>E309L-16</b></p> <p>Strictly comply with AWS A5.4 chemical composition requirement.</p>	<p>AWS A5.4 E309L-16 ISO3581-A-E23 12 R GB/T 983 E309L-16</p>
<p><b>E312-16</b></p> <p>Dissimilar stainless steel electrodes Extra Cobalt improves anti-crack performance</p>	<p>SFA/AWS A5.4 E312-16 ISO 3581-B-ES312-16 DIN 8556 E29 9 R 26</p>
<p><b>E316L-16</b></p> <p>Strictly comply with AWS A5.4 chemical composition requirement.</p>	 <p>SFA/AWS A5.4 E316L-16 ISO3581-A-E19 12 3 LR GB/T 983 E316L-16</p>
<p><b>ENi-CI Super Arc ( Ni99)</b> </p> <p>Super thin coating brings higher Ni content / Self-detach slags</p>	<p>SFA/AWS A5.15 ENi-CI ISO 1071-E C Ni-CI 1</p>
<p><b>ENiFe-CI Super Arc ( Ni55)</b> </p> <p>Super thin coating brings higher Ni content / Self-detach slags</p>	<p>SFA/AWS A5.15 ENiFe-CI ISO 1071-E C NiFe-CI 1</p>




# ▶ HARDACING RODS & WIRES

## Japan Technology

Product & Features	Classification
<b>HARD 350R</b> Multi layer hardness 30-35HRC	JIS Z3251 DF2A-350-R DIN 8555 E1-UM-350-GP EN 14700 E Fe1
<b>HARD 600R</b> Multi layer hardness 52-57HRC	JIS Z3251 DF2B-600R DIN 8555 E2-UM-55-G EN 14700 E Fe2
<b>HARD 700R</b> Multi layer hardness 55-60HRC	JIS Z3251 DF3B-600R DIN 8555 E6-UM-60-GPS AWS A5.13 E Fe3
<b>HARD 9</b> Multi layer workhardened hardness 48-53HRC	JIS Z3251 DF3C-500R DIN 8555 E 6-UM-60 EN 14700 E Fe6
<b>HARD Mn-Ni</b> Multi layer workhardened hardness 40-45HRC	JIS Z3251 DFMB 200B DIN 8555 E7-UM-200-KP AWS A5.13 E MnNi EN 14700 E Fe9
<b>HARD 33</b> Multi layer hardness 60-65HRC	JIS Z3251 DFCrA-700B DIN8555 E10-UM-60-GRZ EN 14700 E Fe14
<b>HARD 43</b> Multi layer hardness 62-69HRC	JIS Z3251 DFCrA-700B DIN8555 E10-UM-65-GR EN 14700 E Fe15
<b>HARD 65T</b> Multi layer hardness 62-65HRC	DIN 8555 E10-UM-65-GRZ EN 14700 E Fe16
<b>HF350 FCW</b> Multi layer hardness 30-35HRC	EN ISO14700: TFe1 JIS Z3326: YF2A-C-350
<b>HF600 FCW</b> Multi layer hardness 55-60HRC	EN ISO14700: TFe2 JIS Z3326: YF3B-C-600



Product & Features	Classification
<b>E71T-GS</b> Single pass welding without shielding gas	SFA/AWS A5.20 : E71T-GS SFA/AWS A5.36 : E71T14S-AZ-CS3 ISO 17632-A : T42 Z Z V N 1
<b>E71T-11</b> Multi pass welding without shielding gas Good mechanical properties	 SFA/AWS A5.20 E71T-11 EN ISO17632-A-T42 Z Z Z N 1
<b>E71T-1C/M</b> CO <sub>2</sub> & mixed gas dual use steel flux cored wires AWS D1.8 Seismic Supplement Standards compliant	 SFA/AWS A5.20 E71T-1C/M SFA/AWS A5.36 E71T1-C1 M21A2-CS1-H8 EN ISO 17632-B T42 0 P C 1
<b>E70C-6M H4</b> Can weld over rust / good anti-crack performance Bright/uniform bead; Wide current range	AWS A5.18 E70C-6M H4 EN ISO 17632-A-T 42 2 M C/M21 1 H5
<b>E81T1-Ni1C/M</b> CO <sub>2</sub> & mixed gas dual use Great low temp. toughness at -30 °C	AWS A5.29: E81T1-Ni1C/M-J AWS A5.36 E81T1-C1/M21A6-Ni1 ISO 17632-B-T55 3 T1-1 C1/M21 A-N2
<b>E81T1-Ni2C/M</b> CO <sub>2</sub> & mixed gas dual use Excellent toughness at -60 °C	SFA/AWS A5.36 E81T1-Ni2 ISO 17632-B-T55 4 T1-1 C1/M21 A-N5
<b>E308LT1-1/4</b> CO <sub>2</sub> & mixed gas dual use	SFA/AWS A5.22 E308LT1-1/4 EN ISO 17633-A : T 19 9 L P C 1 2
<b>E308LT0-3</b> Gasless stainless steel cored wires	SFA/AWS A5.22 E308LT0-3
<b>E309LT1-1/4</b> CO <sub>2</sub> & mixed gas dual use	SFA/AWS A5.22 E309LT1-1/4 EN ISO 17633-A : T 23 12 L P C 1 2
<b>E316LT1-1/4</b> CO <sub>2</sub> & mixed gas dual use	AWS A5.22 : E316LT1-1/4 EN ISO 17633-A-T 19 12 3 L P C/M 1
<b>E316LT0-3</b> Gasless stainless steel cored wires	SFA/AWS A5.22 E316LT0-3

Product & Features	Classification
<p><b>ER70S-6 (SG-2) Copper coated</b> Good coating quality brings excellent wire feeding performance; Suitable for robot welding</p> 	<p>SFA/AWS A5.18 ER70S-6 EN ISO 14341-A : G 42 3 C1/M21 Z 3Si1</p>
<p><b>ER70S-6 Copper Free ①/ Bronze Coated②</b> ① Friendly to environment and welders' health ② Clearer bead, less spatter and less smokes</p>	<p>SFA/AWS A5.18 ER70S-6 EN ISO 14341-A : G 42 3 C1/M21 Z 3Si1</p>
<p><b>G4Si1 (SG-3) Cooper Coated Mig Wires</b> Extra Si and Mn for higher strength, smoother welds uniform bead formation</p>	<p>SFA/AWS A5.18: ER70S-6 ISO 14341-A-G 46 5 M21 4Si1 ISO 14341-A-G 42 4 C1 4Si1</p>
<p><b>ER70S-2</b> Triple deoxidized wire, good at welding over rust Available in Tig rods</p>	<p>AWS A5.18 ER70S-2 ISO 14341-B-G 49A 3 C S2</p>
<p><b>ER80S-D2</b> High level of manganese &amp; silicon to control porosity Extra molybdenum for increased strength</p>	<p>AWS A5.28 ER80S-D2 ISO 14341-B-G 59A 3 C/M21 4M31</p>
<p><b>ER100S-G</b> High tensile strength Available in Tig rods</p>	<p>AWS A5.28 ER100S-G ISO 16834-A-G 62 4 M21 Z</p>
<p><b>ER308L</b> Available in Tig rods</p>	<p>AWS A5.9 ER308L EN ISO 14343-A : G 19 9 L</p>
<p><b>ER309L</b> Available in Tig rods</p>	<p>AWS A5.9 ER309L EN ISO 14343-A : S 23 12 L</p>
<p><b>ER316L</b> Available in Tig rods</p>	<p>AWS A5.9 ER316L EN ISO 14343-A : W 19 12 3 L</p>
<p><b>ER4043</b> AlSi5 alloy welding wire</p> 	<p>AWS A5.10 ER4043 EN ISO 18273 S Al 4043 (AlSi5)</p>
<p><b>ER5356</b> AlMg5 alloy welding wire</p> 	<p>AWS A5.10 ER5356 EN ISO 18273 S Al 5356 (AlMg5Cr(A))</p>
<p><b>RBCuZn-A</b> Tobin bronze S221, Cooper Alloy Tig Rods (bare &amp; flux coated)</p>	<p>AWS A5.8 RBCuZn-A EN 14640: CuZn40</p>
<p><b>RBCuZn-C</b> Manganese Bronze S222, Cooper Alloy Tig Rods (bare &amp; flux coated)</p>	<p>AWS A5.8 RBCuZn-C EN 14640: CuZn40SnSi</p>

Product & Features	Classification
<b>RBCuZn-B</b> Nickel Bronze, Cooper Alloy Tig Rods (bare & flux coated)	AWS A5.8 RBCuZn-B EN 14640: CuZn40Ni1
<b>ERCuSi-A</b> Silicon bronze S211, Cooper Alloy Mig wires/ Tig Rods (bare & flux coated)	AWS A5.8 ERCuSi-A EN 14640: CuSi3Mn
<b>BCuP-2</b> 0% Silver Phos Cooper Brazing rods	AWS A5.8 BCuP-2 JIS TC-310A
<b>BCuP-6</b> 2% Silver Phos Cooper Brazing rods	AWS A5.8 BCuP-6 JIS TG-312/ DIN L-Ag2P
<b>BCuP-3</b> 5% Silver Phos Cooper Brazing rods	AWS A5.8 BCuP-3 DIN L-Ag5P
<b>BCuP-5</b> 15% Silver Phos Cooper Brazing rods	AWS A5.8 BCuP-5 DIN L-Ag15P

## ▶ SUBMERGED ARC WIRES/ SAW

SAW wires + Flux combination	Classification
<b>F7A0-EL12</b> <b>HJ431/SJ101</b>	AWS A5.17 EL12
<b>F7A2-EM12</b> <b>SJ101/SJ101Q/SJ501</b>	AWS A5.17 EM12
<b>F7A2-EM12K</b> <b>SJ101/SJ101Q/SJ101G/SJ501</b>	AWS A5.17 EM12K
<b>F7A4-EH14</b> <b>SJ101Q/SJ301/SJ401</b>	AWS A5.17 EH14
<b>F9A4-EA2</b> <b>F9A8-EA2</b> <b>SJ101Q/SJ101G/SJ101D/SJ401</b>	AWS A5.17 EA2



## Exhibition Plan of TecMig ( 2026)

EXHIBITION	DATE	PLACE	BOOTH NO.
139th Canton Fair	Apr 15-19	Guangzhou, China	9.1E29
EXPOMAFE	May 5-9	San Paulo, Brazil	TBD
ESSEN WELDING & CUTTING	Jun 29-Jul 2	Shenzhen, China	82325
EXPOPERU INDUSTRIAL	Aug 20-22	Lima, Peru	E42
PHILCONSTRUCT DAVAO	Sept.	Davao, Philippines	TBD
FERIA INTERNACIONAL INDUSTRIAL	Sept 21-25	Bogota, Colombia	Hall 5, 109
CIHS 2026	Sept 28-30	Shanghai, China	W4F52
140th Canton Fair	Oct 15-19	Guangzhou, China	Hall 9.1
YIWU HARDWARE FAIR	Oct 21-24	Yiwu, China	TBD
PHILCONSTRUCT MANILA	Nov.	Manila, Philippines	TBD

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