

ลวดเชื่อมไฟฟ้า SMAW

AWS/EN-ISO/DIN	Specification	AWS/EN-ISO/DIN	Specification	AWS/EN-ISO/DIN	Specification
<b>CARBON STEEL</b>		<b>STAINLESS STEEL</b>		<b>NON-FERROUS</b>	
<b>BASIC LOW ALLOY</b>		<b>KT</b>	<b>E 308</b>	AWS A5.3	E4043
AWS A5.1	E6013	AWS A5.4	E308L-16	AWS A5.3	E4043
AWS A5.1	E7016	AWS A5.4	E308L-15	AWS A5.6	Ecu
AWS A5.1	E7018	AWS A5.4	E308L-26	AWS A5.6	ECuSn-A
<b>WE</b>	<b>E7010-A1</b>	AWS A5.4	E308H-15	AWS A5.6	ECuSn-C
AWS A5.1	E7018-1	<b>SO</b>	<b>E 308H-16</b>	AWS A5.6	ECuAl-A2
<b>SO</b>	<b>E7018-H4</b>	<b>WE</b>	<b>E 308Mo-17</b>	AWS A5.6	ECuNiAl
<b>BASIC CREEP RESISTANT</b>		AWS A5.4	E347-17	AWS A5.6	ECuMnNiAl
AWS A5.5	E7018-G	AWS A5.4	E347-15	AWS A5.6	ECuNiAl
AWS A5.5	E7018-A1	AWS A5.4	E16-8-2-15	<b>HARDFACING</b>	
<b>SO</b>	<b>E7018-W1</b>	AWS A5.4	E316L-16	DIN 8555	E 1-UM-250/~250HB
<b>SO</b>	<b>E8016-G</b>	AWS A5.4	E316L-17	DIN 8555	E 1-UM-300-P/~300HB
<b>SO</b>	<b>E8016-B2</b>	AWS A5.4	E316-16	DIN 8555	E 1-UM-400/39-42HRc
AWS A5.5	E8018-B2	AWS A5.4	E316-15	DIN 8555	E 2-UM-60/55-60HRc
SO	E9016-B3	AWS A5.4	E316L-26	DIN 8555	E 3-UM-40-PT/38-42HRc
SO	E9016-G	AWS A5.4	E316L-15	DIN 8555	E 3-UM-50-T/45-50HRc
AWS A5.5	E9018-B3	<b>WE</b>	<b>E 317-16</b>	DIN 8555	E 3-UM-55-ST/53-58HRc
AWS A5.5	E9015-B9	AWS A5.4	E317L-17	DIN 8555	E 3-UM-45-T/40-45HRc
AWS A5.5	E8018-B8	AWS A5.4	E318-17	DIN 8555	E 3-UM-60-ST/58-61HRc
AWS A5.5	E9015-B9	AWS A5.4	E309L-16	DIN 8555	E 3-UM-50-CRTZ/45-50HRc
AWS A5.5	E9015-B9	AWS A5.4	E309L-15	DIN 8555	E 3-UM-350-T/33-37HRc
AWS A5.5	E9018-B9	<b>SO-KT</b>	<b>E 309</b>	DIN 8555	E 4-UM-60-ST/60-63HRc
<b>BASIC HIGH STRENGTH</b>		AWS A5.4	E309-16	DIN 8555	E 6-UM-60-S/~58HRc
AWS A5.5	E10018-G	AWS A5.4	E309-26	DIN 8555	E 6-UM-60-S/~60HRc
AWS A5.5	E9018-G	AWS A5.4	E309Nb-15	DIN 8555	E 7-UM-250-KP/AW200-250HB
AWS A5.5	E9018-D1	AWS A5.4	E309MoL-17	DIN 8555	E 7-UM-250-KPR/AW~260HB
AWS A5.5	E8018-G	AWS A5.4	E307-16	DIN 8555	E 7-UM-250-KP/AW~230HB
AWS A5.5	E8018-W2	AWS A5.4	E307-15	DIN 8555	E 7-UM-250-KPR/AW200-250HB
<b>SE</b>	<b>E10018-G</b>	AWS A5.4	E310-16	DIN 8555	E 10-UM-60-GRPZ/~58HRc
AWS A5.5	E10018-D2	AWS A5.4	E310-15	DIN 8555	E 10-UM-60-GRZ/60-63HRc
<b>SO</b>	<b>E11016-G</b>	AWS A5.4	E310H-15	DIN 8555	E 10-UM-60-GR/~61HRc
AWS A5.5	E11018-M	AWS A5.4	E312-16	DIN 8555	E 10-UM-65-GRZ/~64HRc
<b>SO</b>	<b>E12016-G</b>	<b>SO</b>	<b>E 312-17</b>	DIN 8555	E 10-UM-65-GRZ/~65HRc
<b>WE</b>	<b>E12018-G</b>	AWS A5.4	E307-26	DIN 8555	E 10-UM-65-GR/~64HRc
<b>BASIC LOW TEMPERATURE</b>		EN-ISO 1600	E22 12 R 32	AWS A5.13	E CoCr-C/53-57HRc
AWS A5.5	E8018-C3	EN-ISO 1600	Z21 33 Mn Nb B 42	AWS A5.13	E CoCr-A/40-45HRc
AWS A5.5	E8018-C1	EN-ISO 1600	Z25 35 Nb H B 42	AWS A5.13	E CoCr-B/~50HRc
AWS A5.5	E8018-C2	AWS A5.4	E383-16	AWS A5.13	E CoCr-E/32-38HRc
<b>NICKEL ALLOYS</b>		AWS A5.4	E385-16	DIN 8555	E 20-UM-200-CKTZ/~230HB
AWS A5.11	ENiCrFe-3	AWS A5.4	E2209-17	AWS A5.11	E NiCrMo-5/~250HB
<b>WA-Ni617, Ni117</b>	<b>ENiCrMo-1</b>	AWS A5.4	E2209-15	DIN 8555	E 20-UM-200-CKPTZ/~220HB
AWS A5.11	ENiCrMo-3	AWS A5.4	E2594-15	ISO 14700	E Fe15/50-60HRc
AWS A5.11	ENiCrMo-6	AWS A5.4	E2595-15	ISO 14700	E Fe15/57-60HRc
AWS A5.11	ENiCrMo-10	AWS A5.4	E410-15	ISO 14700	E Fe20/64-68HRc
AWS A5.11	ENiCrMo-13	AWS A5.4	E410NiMo-15	<b>CAST IRON</b>	
ISO 14172	ENi6082(NiCr20Mn3Nb)	EN-ISO 1600	Z16 5 1 B 42	AWS A5.15	Eni-CI
AWS A5.11	ENiCrFe-3	AWS A5.4	E410-15	AWS A5.15	EniFe-CI
AWS A5.11	ENiCu-7	AWS A5.4	E410NiMo-15	AWS A5.15	Est
AWS A5.11	ENiCrMo-4	EN-ISO 1600	Z16 5 1 B 42	AWS A5.15	Est
ISO 14172	ENi6617(NiCr22Co12Mo)				
AWS A5.11	ENiCrMo-3				
AWS A5.11	ENiCrFe-2				
AWS A5.11	Eni-1				
ISO 14172	ENi8165(NiFe30Cr25Mo)				
<b>WA-B3</b>	<b>ENiMo-10</b>				