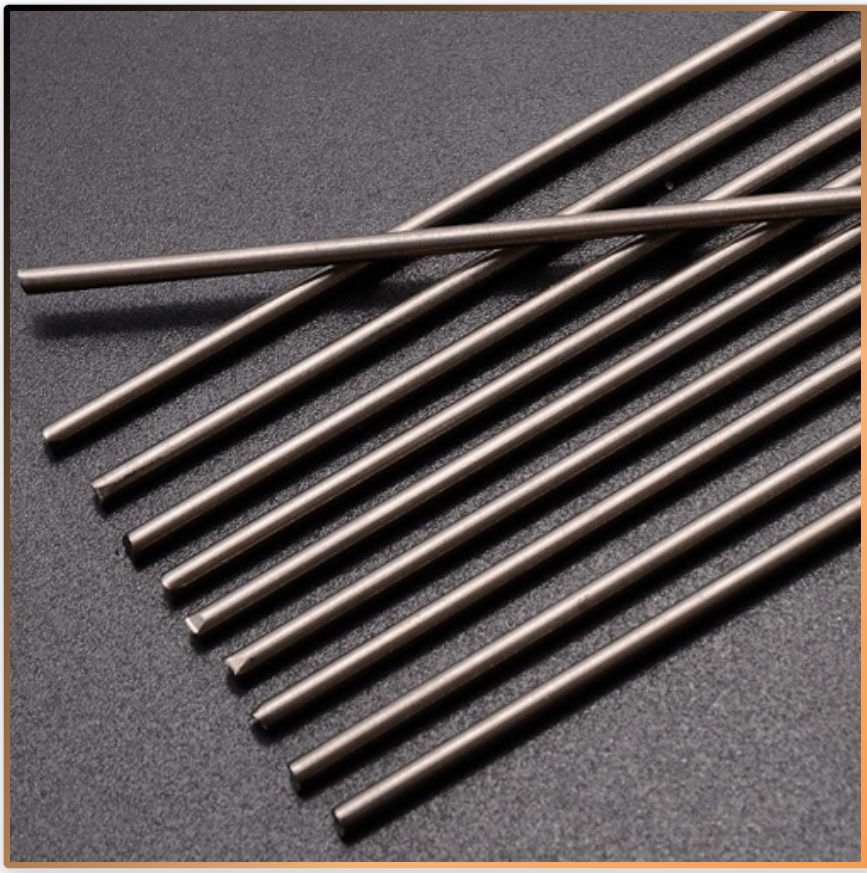
Metals And Welding Specialities is a trusted name in the welding industry, delivering high-quality consumables designed to meet international standards. Among our premium offerings, the **E630-16 Welding Electrodes** stand out for their versatility, performance, and durability. These electrodes are engineered according to the **ASTM A564 Grade 630** specification and carry the universal standard **UNS S17400**. Known for their martensitic stainless steel composition, they provide an excellent combination of corrosion resistance, high tensile strength, and wear resistance.



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The **E630-16 electrodes** are widely used for welding precipitation-hardening stainless steels, particularly where superior mechanical properties are required. With outstanding weldability and consistent performance, they are suitable for critical industrial environments where both strength and corrosion resistance are essential. Their smooth arc stability, minimal spatter, and ease of slag removal make them reliable choices for professionals in heavy engineering, power generation, marine, and chemical processing industries.

E630-16 Welding Electrodes, E630-16 Welding Electrodes Manufacturers, E630-16 Welding Electrodes Suppliers, E630-16 Welding Electrodes Stockists, E630-16 Welding Electrodes Exporters

One of the key benefits of **AWS Class E630-16 electrodes** is their ability to retain strength and toughness after post-weld heat treatment. This makes them ideal for fabrication of components such as shafts, turbine blades, valves, fasteners, and other structural parts exposed to high stress and corrosive conditions. Their metallurgical properties allow excellent resistance against pitting, stress corrosion cracking, and general wear, ensuring longer service life of welded assemblies.

At Metals And Welding Specialities, we prioritize international quality standards to guarantee that our **E630-16 Coated Electrodes** meet demanding project requirements. Each electrode is manufactured under strict supervision to maintain consistent chemistry and mechanical properties, making them a dependable solution for industries requiring precision welding results. With global recognition of **ASTM A564 Grade 630** and **UNS S17400**, our electrodes are accepted in diverse applications across oil and gas, petrochemical plants, aerospace equipment, shipbuilding, and pressure vessels.

E630-16 Welding Electrodes in India, E630-16 Welding Electrodes Manufacturers in India, E630-16 Welding Electrodes Suppliers in India, E630-16 Welding Electrodes Stockists in India, E630-16 Welding Electrodes Exporters in India

Our electrodes are designed not only for strength but also for ease of use. Welders appreciate their excellent operability across different welding positions, stable arc characteristics, and superior bead appearance. Whether it's repairing stainless steel equipment or fabricating new components, **Metals And Welding Specialities' E630-16 Welding Electrodes** deliver consistent and efficient results every time.

When selecting welding consumables, it is important to choose products that align with both technical specifications and project requirements. With **ASTM A564 Grade 630** and **UNS S17400** standards, our electrodes ensure compatibility with global engineering practices, reducing downtime and improving productivity. Metals And Welding Specialities remains committed to providing high-performance welding solutions backed by technical expertise and customer support.

For industries seeking electrodes that combine strength, corrosion resistance, and international reliability, the **E630-16 Welding Electrodes** from Metals And Welding Specialities remain the perfect choice.

Specification E630-16 Welding Electrodes

Classification	**AWS A5.4, E630-16**
Form	Welding Electrode, Welding Rods
Type Of Current	AC-DCEP (Direct Current Electrode Positive)
Welding Position	F, V, OH, H
Size	2.0 mm, 2.50 mm, 3.15 mm, 4.00 mm, 5.0 mm
AC/DC+	AC or DC (+)

JIS Specification	BS 2926 19.9 A R
Other Specification	DIN 8556 E19 9 R 23 A
AWS A5.4, E320LR-16 Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of AWS ENiCrMo-4 Welding Electrodes

Class	UNS	Oxford Alloys
E630-16	W37410	Alloy 630-16

E630-16 Welding Electrodes Chemical Composition

C	Cr	Cu	Fe	Mn	Mo	Ni	Nb	N	P	Si	S
0.03	16.58	3.55	Balance	0.56	0.20	4.78	0.24	0.04-0.08	0.018	0.44	0.02

E630-16 Welding Electrodes Parameters

Diameter	Length	Amperage	
		Flat	Vertical & Overhead
3/32”	12”	70-85	65-75
1/8”	14”	85-110	80-90
5/32”	14”	110-140	100-120
3/16”	14”	120-160	110-130

People Also Searched

ASTM A240 Grade 410, ASTM A240 Grade 316, ASTM A240 Grade 317L, ASTM A240 Grade 347, ASTM A240 Grade 904L, ASTM A240 Grade 430, ASTM A240 Grade 420, ASTM A240 Grade 321, ASTM A240 Grade 310, ASTM A240 Grade 304L, ASTM A240 Grade 308, ASTM A240 Grade 309, ASTM A240 Grade 2205, ASTM A240 Grade 2507, UNS S41041, UNS S31600, UNS S31703, UNS S34700, UNS N08904, UNS S43000, UNS S42000, UNS S32100, UNS S31008, UNS S30403, UNS S30800, UNS S30900, UNS S32205, UNS S32750, UNS S31254, UNS N06625, UNS N08825, UNS N10276, UNS S17400, UNS S44600, UNS S40900, UNS S40500.