



TIG & GAS RODS



TIG & GAS RODS

DYNAWELD OFFERS A WIDE VARIETY OF TIG AND GAS RODS FOR USE IN VARIOUS TIG WELDING APPLICATIONS INCLUDING REPAIRS, INDUSTRIAL FABRICATION, OFFSHORE APPLICATIONS AND CONSTRUCTION. THE RANGE INCLUDES MILD STEEL TIG, COPPER AND COPPER ALLOY, STAINLESS STEEL TIG, ALUMINIUM ALLOY TIG, SILVER BRAZING ALLOYS, SOLDER AND ZINC ALLOYS AND LOW ALLOY TIG RODS FROM TRUSTED BRANDS LIKE BOSSWELD, INE, KOBE AND SAFRA.

TIG & GAS RODS

MILD STEEL TIG WELDING RODS

INE 70S-2

AWS A5.18 ER 70S-2

Copper coated low carbon steel filler rod. Triple deoxidised for superior weld deposit quality and resistance to porosity. Ideal for TIG welding rusty or mill scaled plates and pipes and the root pass welding of pipes, tanks and heavy walled joints. Excellent mechanical and toughness properties when in low temperature conditions.

FEATURES

- High resistance to porosity during welding
- High impact toughness
- Welds over mill scaled plates

APPLICATIONS

- Pressure pipe lines
- Higher strength sheet and tubes
- Power station repairs
- Suitable for low alloy steels



SIZE	PKT	PART NO.
1.6mm	5Kg	300121
2.4mm	5Kg	300122
3.2mm	5Kg	300123

INE 70S-4

AWS A5.18 ER 70S-4

Copper coated carbon steel rod for use in the TIG welding process. Typical tensile strength 490MPa. Ideal for root pass welding of pipes.

FEATURES

- Copper coated wire for TIG and brazing
- Higher strength welds

APPLICATIONS

- Boilers and pressure vessels
- Root run in single sided weld joints
- Steel structural works including tanks and boilers



SIZE	PKT	PART NO.
1.6mm	5Kg	300049
2.4mm	5Kg	300050

INE 70S-6

AWS A5.18 ER 70S-6

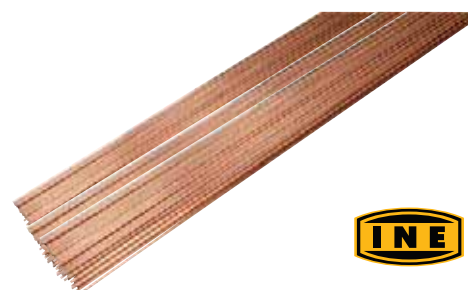
Copper-coated tig rod designed for welding carbon and carbon-manganese steels with tensile strength up to 510 MPa. Applications include tanks, boilers, steel structural works, earthworks and construction works. It is used in root pass and to support the welding when no back pass is possible. Excellent mechanical and toughness properties when in low temperature conditions.

FEATURES

- Copper coated wire for TIG and brazing
- Welds over mill scaled plates
- Tough weld metal

APPLICATIONS

- Tube sections
- Construction and manufacturing
- General steel repairs with rusty or oily plates
- Sheet metal
- Steel structural works including tanks and boilers



SIZE	PKT	PART NO.
1.6mm	5Kg	300124
2.4mm	5Kg	300125

TIG & GAS RODS

MILD STEEL TIG WELDING RODS

INE GAS G2 R60

AWS A5.2 ER R60

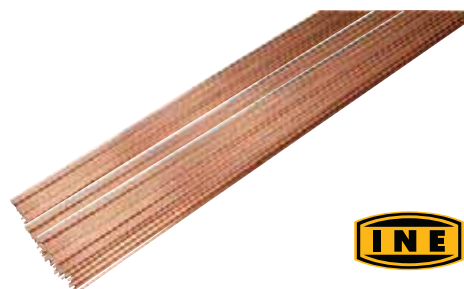
Copper coated, low alloy steel gas rod containing balanced quantities of silicon and manganese produces welds of high strength and is suitable for welding many low alloy steels.

FEATURES

- Copper coated wire for TIG and oxy welding
- Higher strength welds
- Versatile wire

APPLICATIONS

- Pressure pipe lines
- Higher strength sheet and tubes
- General purpose wire
- Suitable for low alloy steels



SIZE	PKT	PART NO.
1.6mm	5Kg	300047
2.4mm	5Kg	300048

BOSSWELD BLACK RG45

AWS A5.2 R 45

This annealed rod gives free running properties and high ductility. Suitable for welding mild steel.

FEATURES

- Black annealed wire
- Low carbon wire designed for brazing
- Highly ductile welds

APPLICATIONS

- Exhaust systems
- Panel steel
- Fusion welding of mild steel
- Gas welding of sheet metal
- General steel repairs

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
1.6mm	1Kg	300044H	2.4mm	5Kg	300045
1.6mm	5Kg	300044	3.2mm	1Kg	300046H
2.4mm	1Kg	300045H	3.2mm	5Kg	300046



COPPER & COPPER ALLOY WELDING RODS

BOSSWELD MANGANESE BRONZE FLUX COATED

AWS A5.8 RBCuZn-C

Low fuming self fluxing manganese bronze filler rod. Ideal for braze welding of malleable iron, steel and cast iron. Also used as a maintenance rod. Its high bond strength makes it suitable for use in a wide range of self-fluxing applications.

FEATURES

- Low fuming, flux coated general purpose bronze filler rod
- Ductile weld metal
- Good mechanical properties

APPLICATIONS

- Excellent maintenance rod
- Suitable for steel, stainless steel, copper and nickel alloys



SIZE	PKT	PART NO.
2.4mm	1Kg	300112H
2.4mm	5Kg	300112
3.2mm	1Kg	300113H
3.2mm	5Kg	300113

For matching Fluxes see Section 8

TIG & GAS RODS

COPPER & COPPER ALLOY WELDING RODS

BOSSWELD MANGANESE BRONZE

AWS A5.8 RBCuZn-C

Low fuming general purpose bronze filler rod for braze welding of bronze, cast iron steel and malleable iron. Manganese bronze is the ideal maintenance rod.



BOSSWELD

FEATURES

- Low fuming, bare general purpose bronze filler rod
- Ductile weld metal
- Good mechanical properties

APPLICATIONS

- Excellent maintenance rod
- Suitable for steel, stainless steel, copper and nickel alloys

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
1.6mm	1Kg	300095H	3.2mm	1Kg	300097H
1.6mm	5Kg	300095	3.2mm	5Kg	300097
2.4mm	1Kg	300096H	5.0mm	1Kg	300098H
2.4mm	5Kg	300096	5.0mm	5Kg	300098

For matching Fluxes see Section 8

BOSSWELD NICKEL BRONZE FLUX COATED

AWS A5.8 RBCuZn-D

Self fluxing filler rod for high strength braze welding of steel & cast iron mild steel. Can also be used on build up of worn components, gear teeth, valve seats, bearings & shafts.



BOSSWELD

FEATURES

- Premium flux coated nickel bronze brazing wire
- Higher strengths
- Excellent hardness and wear resistance

APPLICATIONS

- Versatile maintenance repair brazing wire
- High strength brazing of steel and cast irons

SIZE	PKT	PART NO.
2.4mm	1Kg	300108H
2.4mm	5Kg	300108
3.2mm	1Kg	300109H
3.2mm	5Kg	300109

BOSSWELD NICKEL BRONZE

AWS A5.8 RBCuZn-D

A premium quality bronze rod for maximum bond strength in braze welds on steel and cast iron and has excellent hardness and wear resisting properties. Excellent for fusion welding of copper-zinc alloys of similar composition and for brazing of nickel and nickel based alloys where high temperature is acceptable.



BOSSWELD

FEATURES

- Premium nickel bronze brazing wire
- Higher strengths
- Excellent hardness and wear resistance

APPLICATIONS

- Versatile maintenance repair brazing wire
- High strength brazing of steel and cast irons

SIZE	PKT	PART NO.
1.6mm	1Kg	300089H
1.6mm	5Kg	300089
2.4mm	1Kg	300090H
2.4mm	5Kg	300090
3.2mm	1Kg	300091H
3.2mm	5Kg	300091

For matching Fluxes see Section 8

TIG & GAS RODS

COPPER & COPPER ALLOY WELDING RODS

BOSSWELD TOBIN BRONZE FLUX COATED

AWS A5.8 RBCuZn-A

Self fluxing filler rod. Suitable for the fusion welding of brass and bronze and braze welding of copper.

FEATURES

- Low fuming, flux coated general purpose bronze filler rod
- Ductile weld metal

APPLICATIONS

- Excellent maintenance rod
- Suitable for brass and bronze
- Brazing of mild steel in low strength applications



BOSSWELD

SIZE	PKT	PART NO.
2.4mm	1Kg	300102H
2.4mm	5Kg	300102
3.2mm	1Kg	300103H
3.2mm	5Kg	300103

BOSSWELD TOBIN BRONZE

AWS A5.8 RBCuZn-A

Low fuming rod suitable for fusion and braze welding of brass and bronzes. Also used for copper and copper alloys, and brazing to mild steel in low stress applications.

FEATURES

- Low fuming, bare general purpose bronze filler rod
- Ductile weld metal

APPLICATIONS

- Excellent maintenance rod
- Suitable for brass and bronze
- Brazing of mild steel in low strength applications



BOSSWELD

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
1.6mm	1Kg	300082H	2.4mm	5Kg	300083
1.6mm	5Kg	300082	3.2mm	1Kg	300084H
2.4mm	1Kg	300083H	3.2mm	5Kg	300084

For matching Fluxes see Section 8

BOSSWELD SILICON BRONZE

AWS A5.8 RCuSi-A

Premium quality silicon bronze filler rod gives excellent joints on copper to silicon and copper to zinc base metals and to steel.

FEATURES

- Quality silicon bronze filler rod
- Easy to use
- High ductility
- Less distortion (warping)
- Superior resistance to corrosion

APPLICATIONS

- TIG welding and brazing of copper and brass
- Brazing steel
- Non structural
- Marine industry



BOSSWELD

SIZE	PKT	PART NO.
1.6mm	1Kg	300135H
1.6mm	5Kg	300135
2.4mm	1Kg	300136H
2.4mm	5Kg	300136
3.2mm	1Kg	300137H
3.2mm	5Kg	300137

For matching Fluxes see Section 8

TIG & GAS RODS

STAINLESS STEEL TIG WELDING RODS

BOSSWELD 308L

AWS A5.9 ER 308L

For welding type 304L, 308L, 321 and 347. Little carbon precipitation and resistance to inter-crystalline corrosion due to low carbon content. Applications for low carbon stainless steel include chemical engineering plants, textile industries and generators.

FEATURES

- High quality TIG rod
- Suitable for a range of 300 series stainless steels

APPLICATIONS

- Suitable for low carbon stainless steels
- Power stations
- Petrochemical plants

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
1.6mm	1Kg	300051H	2.4mm	5Kg	300052
1.6mm	5Kg	300051	3.2mm	1Kg	300053H
2.4mm	1Kg	300052H	3.2mm	5Kg	300053



BOSSWELD

BOSSWELD 309

AWS A5.9 ER 309

For welding type 309 also for 304 clad stainless steel, stainless to mild steel and stainless steel overlay work. Deposited metal contains an adequate amount of ferrite and shows good resistance to heat cracking.

FEATURES

- High quality TIG rod
- Used to weld 23%Cr, 12%Ni stainless steel
- Excellent resistance to cracking

APPLICATIONS

- Welding dissimilar materials
- Buffer layers prior to hardfacing and overlays
- Joining of wrought or cast steels



BOSSWELD

SIZE	PKT	PART NO.
1.6mm	1Kg	300054H
1.6mm	5Kg	300054
2.4mm	1Kg	300055H
2.4mm	5Kg	300055

BOSSWELD 347

AWS A5.9 ER347

For welding corrosion resistant steels of the same type. Developed especially for welding of austenitic 18/8 weldable stainless steel, including 304L, 321, 347 and 348. Shows good resistance to inter-crystalline corrosion and high temperatures. Deposited metal contains niobium (Nb).

FEATURES

- High quality TIG rod
- Developed for 18/8 weldable stainless steel
- Excellent for high temperatures

APPLICATIONS

- Suitable for welding 304L, 321, 347, and 348
- High temperature applications



BOSSWELD

SIZE	PKT	PART NO.
1.6mm	1Kg	300071H
1.6mm	5Kg	300071
2.4mm	1Kg	300072H
2.4mm	5Kg	300072

STAINLESS STEEL TIG WELDING RODS

BOSSWELD 316L TIG WELDING RODS

AWS A5.9 ER 316L

316L offers excellent resistance to general corrosion from organic and inorganic acids. Metal deposits show good resistance to inter-crystalline corrosion and high temps due to low carbon content. Suitable for welding 302, 304/304L, 308, 318, 347, 410 and 430 grades of stainless steel.

FEATURES

- High quality TIG Rod
- Suitable for a range of stainless steel including 302, 304, 308, 316, 318, 347, 410 & 430
- Each rod embossed

APPLICATIONS

- Food processing equipment
- Water processing filtration plants
- General stainless steel fabrications

SIZE	PKT	PART NO.
1.0mm	5Kg	300065
1.2mm	1Kg	300066H
1.2mm	5Kg	300066
1.6mm	1Kg	300067H
1.6mm	5Kg	300067

SIZE	PKT	PART NO.
2.4mm	1Kg	300068H
2.4mm	5Kg	300068
3.2mm	1Kg	300069H
3.2mm	5Kg	300069



BOSSWELD
RELIABLE WELDING GEAR

KOBE TGX FLUX CORED

AWS A5.22 R 308LT1-5 / AWS A5.22 R 309LT1-5 AWS A5.22 R 316LT1-5 / AWS A5.22 R 347LT1-5

TGX are stainless steel flux-cored rods for TIG welding without back shielding. Used for root pass to produce slag that protects reverse side bead from oxidation by the atmosphere. Using TGX flux-cored filler rods eliminates gas purging procedures.

FEATURES

- No purging required on single sided root runs
- Saves time and money
- Easy to use

APPLICATIONS

- Petrochemical plants
- Power stations
- Stainless steel pipe spools

SIZE	PKT	GRADE	PART NO.
2.2mm	1Kg	308L	300074H
2.2mm	5Kg	308L	300074
2.2mm	1Kg	309L	300075H
2.2mm	5Kg	309L	300075

SIZE	PKT	GRADE	PART NO.
2.2mm	1Kg	316L	300076H
2.2mm	5Kg	316L	300076
2.2mm	1Kg	347	300077H
2.2mm	5Kg	347	300077



KOBE

TIG & GAS RODS

ALUMINIUM ALLOY TIG WELDING RODS

BOSSWELD 5356 ALUMINIUM TIG WELDING RODS

AWS A5.10 ER 5356

5% magnesium alloy TIG rod suitable for fusion welding of 5 and 7 series alloys.

FEATURES

- 5% Mn TIG wire
- Consistent quality

APPLICATIONS

- General aluminium fabrication and repairs
- Bull bars and rollbars

SIZE	PKT	PART NO.
1.6mm	1Kg	300008H
1.6mm	5Kg	300008N
2.4mm	1Kg	300009H
2.4mm	5Kg	300009N
3.2mm	1Kg	300010H
3.2mm	5Kg	300010N



BOSSWELD
RELIABLE WELDING GEAR

SAFRA 5356

AWS A5.10 ER 5356

5356 is used where high sea water corrosion resistance is needed. Applications include construction of ships, storage tanks and in the automotive industry.

FEATURES

- Premium double shaved TIG wire
- Very low oxide levels resulting in superior welds

APPLICATIONS

- General aluminium fabrication and repairs on boats and ships
- Bull bars and rollbars
- Storage tanks
- Welding of many aluminium alloys where higher strength is required



Safra

SIZE	PKT	PART NO.
1.6mm	5Kg	300008
2.4mm	5Kg	300009
3.2mm	5Kg	300010

TIG & GAS RODS

ALUMINIUM ALLOY TIG WELDING RODS

SAFRA 4047

AWS A5.10 ER 4047

10% silicon content to produce higher weld shear strength and minimise hot cracking. The slightly lower melting point and higher fluidity of 4047 make it ideal for brazing operations.

FEATURES

- Premium 10% Silicon Double Shaved TIG welding and brazing
- Very low oxide levels resulting in superior welds
- Excellent maintenance rod

APPLICATIONS

- Brazing and TIG applications
- Automotive repairs
- Aluminium extrusions

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
2.4mm	1Kg	300030H	3.2mm	5Kg	300031
2.4mm	5Kg	300030	4.8mm	1Kg	300032H
3.2mm	1Kg	300031H	4.8mm	5Kg	300032



BOSSWELD 4043

AWS A5.10 ER 4043

5% silicon alloy TIG rod suitable for fusion welding of alloy castings, generally used in the repair of automotive parts such as cylinder heads, inlet manifolds and housings. Can also be used for defects and cast repairs.

FEATURES

- 5% Silicon alloy
- Alloy casting

APPLICATIONS

- Defects
- Cast repairs
- Automotive parts

SIZE	PKT	PART NO.	SIZE	PKT	PART NO.
1.6mm	1Kg	300015H	3.2mm	1Kg	300017H
1.6mm	5Kg	300015N	3.2mm	5Kg	300017N
2.4mm	1Kg	300016H	4.8mm	5Kg	300019
2.4mm	5Kg	300016N			



SAFRA 4043

AWS A5.10 ER 4043

5% Silicon content rod suitable for fusion welding of alloy castings, generally used in the repair of automotive parts such as cylinder heads, inlet manifolds and housings. Can also be used for defects and cast repairs.

FEATURES

- Premium 5% Silicon Double Shaved TIG wire
- Very low oxide levels resulting in superior welds

APPLICATIONS

- Excellent for alloy castings
- Automotive repairs
- Cylinder heads

SIZE	PKT	PART NO.
1.6mm	5Kg	300015
2.4mm	5Kg	300016
3.2mm	5Kg	300017



TIG & GAS RODS

ALUMINIUM ALLOY TIG WELDING RODS

BOSSWELD FLUX CORED ALUMINIUM BRAZING ROD

A flux cored aluminium rod used with the gas flame process. For work on aluminium and its alloys with a silicon content less than 5%. Ideal for hobbyists, repairs and maintenance.

FEATURES

- Flux cored rod
- Brazing of most alloys
- Easy to use
- Flux cored resulting in excellent welds

APPLICATIONS

- Repair and maintenance applications
- Home repairs and maintenance
- Aluminium extrusions
- Some wearfacing/surfacing alloys
- Oxy brazing process



BOSSWELD

SIZE	PKT	PART NO.
3.2mm	1Kg	300035

SILVER BRAZING ALLOYS

BOSSWELD 2% SILVER BRAZING

AWS A5.8-B CuP6

An alloy for brazing copper, as well as joining copper in low zinc brass with the aid of a silver flux. Extensively used in the manufacture of hot water tanks and the joining of copper tubing.

FEATURES

- 2% silver content
- Brazing temperature approx 875°C
- Cadmium free

APPLICATIONS

- Copper to copper
- Hot water tank manufacturing
- Plumbing fittings



BOSSWELD

SIZE	PKT	PART NO.
2.4mm	1Kg	300201

For matching Fluxes see Section 8

BOSSWELD 5% SILVER BRAZING

AWS A5.8-B CuP3

This alloy is used for the brazing of non-ferrous metals giving a strong joint on copper, brass and bronze. Also used in the joining of copper and tubing on electrical work. Excellent capillary action.

FEATURES

- 5% silver content
- Brazing temperature approx 860°C
- Cadmium free

APPLICATIONS

- Brazing copper and copper alloys
- Plumbing fittings
- Good for bridging gaps on poor fitting components



BOSSWELD

SIZE	PKT	PART NO.
2.4mm	1Kg	300202
3.2mm	1Kg	300203

For matching Fluxes see Section 8

SILVER BRAZING ALLOYS

BOSSWELD 15% SILVER BRAZING ALLOYS

AWS A5.8-B CuP5

A filler for brazing copper. Wide molting range for filling loose connections and to build up around finished joints. When heated above liquidus temperature will flow into tight connections. Extensively used on hot water tanks, copper tubing, plumbing or where a strong, ductile joint is required. Not recommended for brazing steel or other ferrous metals.

FEATURES

- 15% silver content
- Good capillary action
- Brazing temperature approx 800°C
- Cadmium free

APPLICATIONS

- Hot water services
- Plumbing fittings
- Good for bridging gaps on poor fitting components

SIZE	PKT	PART NO.
1.6mm	1Kg	300204
2.4mm	6stk	300206H
2.4mm	1Kg	300206

For matching Fluxes see Section 8



BOSSWELD
RELIABLE WELDING GEAR

BOSSWELD 45% SBA

AWS A5.8 BAG-1

Good general purpose alloy with exceptional strength and narrow melting range making it ideal for production brazing and maintenance work because of its ease of application. Low melting point.

FEATURES

- 45% silver content
- Brazing temperature approx 700°C
- Excellent capillary action where components have close fit up
- High strength bond
- Available in Bare and Flux Coated
- Cadmium free

APPLICATIONS

- Ideal for brazing steel and other ferrous metals
- Refrigeration pipe joints requiring high bond
- Fire service fittings



BOSSWELD

SIZE	PKT	PART NO.
1.6mm	6stk	300207H
1.6mm	1Kg	300207
1.6mm (Flux Coated)	6stk	300208H
1.6mm (Flux Coated)	1Kg	300208

For matching Fluxes see Section 8

TIG & GAS RODS

SILVER BRAZING ALLOYS

BOSSWELD 56% SBA FLUX COATED

AWS A5.8 BAG-7

A self fluxing, low temperature, cadmium free braze that can be used on ferrous and non-ferrous alloys. It has good fluidity that promotes penetration for good strength and elongation. The colour of this alloy is a good match on stainless steel.

FEATURES

- 56% silver content flux coated
- Brazing temperature approx 650°C
- Excellent capillary action where components have close fit up
- High strength bond

APPLICATIONS

- Ideal for brazing steel and other ferrous metals
- Refrigeration pipe joints requiring high bond
- Fire service fittings
- Food grade applications



BOSSWELD

SIZE	PKT	PART NO.
1.6mm	1Kg	300209
1.6mm	6stk	300209H

SOLDER & ZINC ALLOYS

BOSSWELD 50/50 RESIN CORE SOLDER

A high quality solder for general sheet metal and plumbing applications. Nominal composition: 50% tin 50% lead. Melting point 212 °C.

FEATURES

- 50% Lead, 50% Tin solder
- 3 diameters available
- Very low melting temperature

APPLICATIONS

- Electrical cable soldering
- Small sheet metal component
- Plumbing
- Electronic component repairs

BOSSWELD
RELIABLE WELDING GEAR

SIZE	PKT	PART NO.
1.6mm	0.5Kg spl	300247
2.4mm	0.5Kg spl	300245
3.2mm	0.5Kg spl	300248



SOLDER & ZINC ALLOYS

BOSSWELD GALVANISING BAR

A lead/tin/zinc alloy which, when applied to a heated base metal, will melt and produce a strong corrosion resistant alloy coating. Used after welding on galvanised material resulting in a zinc coating equivalent to hot dip galvanise.

FEATURES

- Reapplies the galvanised finish after welding
- Easy to apply
- Reliable

APPLICATIONS

- Anywhere where the galvanised protection needs to be reapplied after welding
- Structural steels
- Cattle yards

SIZE	PKT	PART NO.
6.3mm	5Kg	300241
6.3mm	1Kg (7stk)	300241H



BOSSWELD
RELIABLE WELDING GEAR

BOSSWELD 50/50 SOLDER STICKS

AWS A5.8-B CuP6

Universal quality solder. Mostly used in plumbing, sheet metal, electrical and auto industries.

FEATURES

- 50% tin solder, 50% lead
- Very low melting temperature

APPLICATIONS

- Plumbing
- Soldering galvanised fittings
- Sheet metal
- Electrical



BOSSWELD

SIZE	PKT	PART NO.
8mm x 12mm	0.25Kg stk	300249

TIG & GAS RODS

LOW ALLOY TIG RODS

INE B6

AWS A5.18 ER80S-B6

Low alloy copper-coated tig rod with 5% Cr and 0.5% Mo content to be used for the welding of creep resistant steel. It will find applications in chemical or petro-chemical industry and in the ammonia synthesis process. It is also used for heat exchangers, boilers, piping and pressure vessels for temperature service up to 600°C. The weld metal has also been used for subsequent nitriding in the petro-chemical industries; for example in the repair of steel moulds for injection-moulding of plastics.

FEATURES

- Low alloy copper coated TIG rod
- Low alloy 5%Cr, 0.5%Mo
- Suitable for creep resistant steels

APPLICATIONS

- Petrochemical plants
- Power plants
- Pressure vessels and boilers
- Power stations
- Pressure vessels and boilers
- Chemical plants



SIZE	PKT	PART NO.
1.6mm	5Kg	300152

INE B8

AWS A5.18 ER80S-B8

Low alloy copper-coated tig rod with 9% Cr and 1% Mo content to be used for the welding of creep resistant steel. It will find applications in power plants, chemical or petro-chemical industry and in the ammonia synthesis process. It is also used for heat exchangers, boilers, piping and pressure vessels for temperature service up to 600°C. Its corrosion resistance is higher than 5Cr-0.5Mo steels requirements

FEATURES

- Low alloy copper coated TIG rod
- Low alloy 9%Cr, 1%Mo
- Suitable for creep resistant steels

APPLICATIONS

- Petrochemical plants
- Power plants
- Pressure vessels and boilers
- Power stations
- Pressure vessels and boilers
- Chemical plants



SIZE	PKT	PART NO.
2.4mm	5Kg	300162

INE 100

AWS A5.28 ER 100S-1

Low-alloy copper-coated tig rod with Ni-Mo additions designed for welding high yield strength steels and with tensile strength higher than 700 MPa. Good impact strength at low temperatures. Suitable for the metal working industry, offshore fabrication, chemical and petrochemical industry. It also has applications in fabrications of HSLA (high-strength low-alloy) steels, which may be used for industrial machinery construction, cranes and other highly stressed structural components.

FEATURES

- Low Alloy Copper coated TIG rod
- Low Alloy 1.5% Nickel, 0.5% Molybdenum
- Excellent impact toughness

APPLICATIONS

- Offshore fabrication
- Chemical, petrochemical industries
- Crane repairs and construction



SIZE	PKT	PART NO.
1.6mm	5Kg	300310
2.4mm	5Kg	300311

TIG & GAS RODS

LOW ALLOY TIG RODS

INE D2

AWS A5.18 ER 80S-D2

Low-alloy copper-coated tig rod with 0.5% Mo content designed for welding low-alloy steels with high tensile strength and creep-resistant steels. Suitable for pipelines and pressure vessels with operating temperatures of about 500°C. Also finds applications for the repair of medium strength steel castings. Good impact strength at low temperatures.

FEATURES

- Low alloy copper coated TIG rod
- Manganese Moly 1.8%Mn, 0.5%Mo
- High yield strength
- Suitable for creep resistant steels

APPLICATIONS

- Boilers and pressure vessels
- Pipe lines
- Petrochemical industries
- Chemical plants



SIZE	PKT	PART NO.
1.6mm	5Kg	300301
2.4mm	5Kg	300302

INE B2

AWS A5.28 ER 80S-B2

Low alloy copper-coated tig rod with 1.25% Cr and 0.5% Mo content to be used for the welding of creep resistant steel. Chemical composition of rod conforming to AWS specification. It is used in chemical industry and in the ammonia synthesis process, for heat exchangers, boilers, piping and pressure vessels for temperature service up to about 550°C. It will also find applications in the petro-chemical industries, suitable for facing on casting and for casting repairs.

FEATURES

- Chrome Moly 1 TIG rod
- Low alloy 1.25% Cr, 0.5% Mo
- High tensile strength mig wire (590Mpa)
- Designed for welding a range of low alloy medium strength & creep resistant steels

APPLICATIONS

- Petrochemical plants
- Power plants
- Pressure vessels and boilers
- Power stations
- Pressure vessels and boilers
- Chemical plants
- Casting Repairs



SIZE	PKT	PART NO.
2.4mm	1Kg	300140H
2.4mm	5Kg	300140

INE B3

AWS A5.28 ER 90S-B3

Low alloy copper-coated tig rod with 2.25% Cr and 1% Mo content to be used for the welding of creep resistant steel. Chemical composition of rod conforming to AWS specification. It is used in chemical industry and in the ammonia synthesis process, for heat exchangers, boilers, piping and pressure vessels for temperature service up to about 600°C. It will also find applications in the petro-chemical industries, suitable for facing on casting and for casting repairs.

FEATURES

- Chrome Moly 2 TIG rod
- Low alloy 2.25% Cr, 1% Mo
- High tensile strength mig wire (650Mpa)
- Designed for welding a range of low alloy medium strength steels and creep resistant steels

APPLICATIONS

- Petrochemical plants
- Power plants
- Pressure vessels and boilers
- Power stations
- Pressure vessels and boilers
- Chemical plants
- Casting Repairs



SIZE	PKT	PART NO.
2.4mm	1Kg	300142H
2.4mm	5Kg	300142

TIG & GAS RODS

HANDY PACKS



BOSSWELD
RELIABLE WELDING GEAR

HANDY PACKS

BOSSWELD TIG & GAS ROD HANDY PACKS

Bossweld TIG and Brazing Handy packs are the perfect choice for small projects and repairs. Available in diameters of 1.0mm, 1.2mm, 1.6mm, 2.4mm and 3.2mm rods, each pack is available in a 1 Kg pack and is easily stored in a resealable polycarbonate tube. Bossweld TIG and Brazing Handy packs are suitable for TIG welding and brazing of a broad range of grades and applications including mild steels, copper alloys, stainless steels and aluminium.

FEATURES

- Colour coded for easy recognition
- Broad range
- Handy pack size
- Airtight for longer shelf life



TYPE	SIZE	PKT	PART NO.	TYPE	SIZE	PKT	PART NO.
Bossweld Black Mild Steel	1.6mm	1Kg	300044H	Bossweld 308L	3.2mm	1Kg	300053H
Bossweld Tobin Bronze Bare	1.6mm	1Kg	300082H	Bossweld 309	1.6mm	1Kg	300054H
Bossweld Tobin Bronze Bare	2.4mm	1Kg	300083H	Bossweld 309	2.4mm	1Kg	300055H
Bossweld Tobin Bronze Bare	3.2mm	1Kg	300084H	Bossweld 316L	1.2mm	1Kg	300066H
Bossweld Nickel Bronze Bare	1.6mm	1Kg	300089H	Bossweld 316L	1.6mm	1Kg	300067H
Bossweld Nickel Bronze Bare	2.4mm	1Kg	300090H	Bossweld 316L	2.4mm	1Kg	300068H
Bossweld Nickel Bronze Bare	3.2mm	1Kg	300091H	Bossweld 316L	3.2mm	1Kg	300069H
Bossweld Manganese Bronze Bare	1.6mm	1Kg	300095H	Bossweld 347	1.6mm	1Kg	300071H
Bossweld Manganese Bronze Bare	2.4mm	1Kg	300096H	Bossweld 347	2.4mm	1Kg	300072H
Bossweld Manganese Bronze Bare	3.2mm	1Kg	300097H	Kobe TGX 308L	2.2mm	1Kg	300074H
Bossweld Tobin Bronze Flux Coated	2.4mm	1Kg	300102H	Kobe TGX 309L	2.2mm	1Kg	300075H
Bossweld Tobin Bronze Flux Coated	3.2mm	1Kg	300103H	Kobe TGX 316L	2.2mm	1Kg	300076H
Bossweld Nickel Bronze Flux Coated	2.4mm	1Kg	300108H	Kobe TGX 347	2.2mm	1Kg	300077H
Bossweld Nickel Bronze Flux Coated	3.2mm	1Kg	300109H	Bossweld 5356	1.6mm	1Kg	300008H
Bossweld Manganese Bronze Flux Coated	2.4mm	1Kg	300112H	Bossweld 5356	2.4mm	1Kg	300009H
Bossweld Manganese Bronze Flux Coated	3.2mm	1Kg	300113H	Bossweld 5356	3.2mm	1Kg	300010H
Bossweld Silicon Bronze	1.6mm	1Kg	300135H	Bossweld 4043	1.6mm	1Kg	300015H
Bossweld Silicon Bronze	2.4mm	1Kg	300136H	Bossweld 4043	2.4mm	1Kg	300016H
Bossweld Silicon Bronze	3.2mm	1Kg	300137H	Bossweld 4043	3.2mm	1Kg	300017H
Bossweld 308L	1.6mm	1Kg	300051H	Bossweld 4047	2.4mm	1Kg	300030H
Bossweld 308L	2.4mm	1Kg	300052H	Bossweld 4047	3.2mm	1Kg	300031H

*For further information and/or data sheets, please visit www.dynaweld.com.au