P20 Molybdenum welding Wire

Element	C	Si	Mn	P	S	Cr	Mo
Percent	0.35	0.50	0.80	0.025	0.025	1.70	0.45

Read More

SKU: P20x

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

Chromium - Manganese - Molybdenum welding wire. Large and medium-sized moulds for plastic processing, mould frames for injection moulding and die casting industries, componet for general mechanical engineering.
COMPOSITION OF ALL WELD METAL (%)

Element	C	Si	Mn	P	S	Cr	Mo
Percent	0.35	0.50	0.80	0.025	0.025	1.70	0.45

H 13 Welding Wire Tool Steel Tensile

Element	C	Si	Mn	P	S	Cr	Mo
Percent	0.40	1.00	0.40	0.020	0.020	5.20-	1.20

Read More

SKU: H13x

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

Welding wire for hot work tool steels with excellent hot tensile properties, high hot wear resistance. Heat checking resistance. Used in particular to repair mandrels, punches, dies, cylinder crushers, screws, hammers, pneumatic hammers, etc. COMPOSITION OF ALL WELD METAL (%)

Element	C	Si	Mn	P	S	Cr	Mo	V
Percent	0.40	1.00	0.40	0.020	0.020	5.20-	1.20	1.0

Laser Welding Wire 4047

Element	Si	Fe	Mn	Cu	Mg	Others	Al
Percent	12.0	0.08	0.15	0.30	1.10	0.15	Balance

Read More

SKU: 4047

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

4047 Laser welding wire is developed to take advantage of its low melting point and narrow freezing range. It has a higher silicon content than its counterpart, ER4043 which provides for increased fluidity and reduced shrinkage in the weld. ER4047 produces bright and almost smut-free welds. This alloy may be used in applications of sustained elevated temperatures.

SKD 11 Laser Welding Wire

Element	C	Si	Mn	Cr	Mo	V
Percent	1.50	0.4	0.4	12.0	1.0	0.75

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SKU: SKD 11

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

SKD11 Laser welding wires is a high carbon – high chromium air hardening cold work tool steel wire, heat treatable to 60-62 HRC.
It offers excellent wear and abrasion resistance, due to large volumes of carbides in the micro-structure.

Copper Laser Welding Wire

Element	Zn	Sn	Mn	Si	Al
Percent	1.0	1.0	1.5	2.8-4.0	0.01

Read More

SKU: Copper

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

Use for welding of Silicon Bronze, Copper, or Aluminum Bronze of low aluminum content. It can also be used for brazing malleable iron and light gauge steel. COMPOSITION OF ALL WELD METAL (%)

Element	Zn	Sn	Mn	Si	Al	Cu
Percent	1.0	1.0	1.5	2.8-4.0	0.01	Balance

D2 Laser Welding Wire

Element	C	W	Mn	Cr
Percent	0.9	0.50	1.25	0.50

Read More

SKU: D2

Price:

Stock: instock

Categories: Laser Welding Wires, Welding Consumables

Product Description

A D2 Steel Rod is an air hardened, tooling steel grade. The high carbon, high chromium containing Tool Steel D2 Round Bar exhibits high wear and abrasion resistance properties. The d2 tool steel tig rod is a heat treatable alloy. It has a hardness value which falls in the range between 55 HRC – 62 HRC.
