



Hard facing P20 TIG welding Wire

Element	C	Si	Mn	P	S
Percent	0.35	0.50	0.80	0.025	0.025

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SKU: P20

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

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
Percent	0.35	0.50	0.80	0.025	0.025



Hard Facing H 13 Hot Die TIG Filler Wire

Element	C	Si	Mn	P	S
Percent	0.40	1.00	0.40	0.020	0.020

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SKU: H13

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

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
Percent	0.40	1.00	0.40	0.020	0.020



Cobalt Alloy Wire Filler Wire ER CoCr-A

Element	C	Mn	Si	Cr	Ni	Mo
Percent	1.2	1.0	2.0	29	3.0	1.0

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SKU: Stellite 6

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-A Bare Wire (ERCoCr-A) provides resistance to many forms of chemical and mechanical degradation over a wide temperature range. It bonds well with all weldable grade steels, including stainless. Hardness: HRC 40 - 42



Cobalt Alloy Hard facing Filler Wire ER CoCr-B

Element	C	Mn	Si	Cr	Ni	Mo
Percent	1.5	1.0	2.0	30	3.0	1.0

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SKU: Stellite 12

Price:

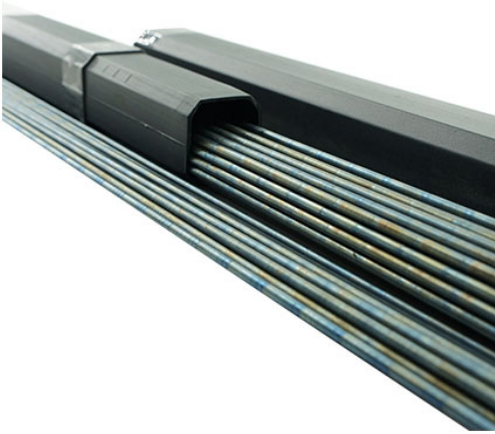
Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-b is a hardfacing alloy that has high abrasion and corrosion resistance at working temperatures up to 1500 F. It is commonly used on contact surfaces of exhaust valves, cams, saw bars, chains, crushers, petrochemical valves, and extrusion screws. Also used on hot trimming, shearing or punching dies associated with the forging and extrusion industries. The metal-to-metal wear is also outstanding due to the low coefficient of friction. Hardness: 44-48 HRC

Cobalt Alloy Hard facing Filler Wire ER CoCr-C



Element	C	Mn	Si	Cr	Ni	Mo
Percent	2.4	1.0	2.0	32	3.0	1.0

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SKU: ER CoCr-C

Price:

Stock: instock

Categories: [Hardfacing Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

Product Description

ER CoCr-C is a Cobalt base, hard facing filler metal. This alloy in bare rod form is generally applied by the oxyacetylene or gas tungsten arc welding process. The room temperature hardness of CoCr-1 is typically 50 – 55 HRC. This alloy is most noted for resistance to softening at elevated temperatures. Hot hardness values of 48 HRC are maintained at 1200 F. This alloy displays exceptional abrasion resistance due to the massive amount of carbide formation. The metal to metal wear is also outstanding due to the low coefficient of friction because of its ability to take a high polish. The large addition of Chromium imparts good oxidation and corrosion resistance up to 1800F. The impact resistance and machinability of this alloy is generally considered poor.
