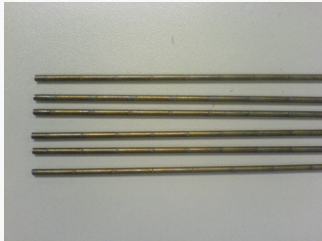


Cobalt-Based Alloy Bare Rod



AWS ERCoCr-C (Stellite 1)

It has excellent wear and heat resistance at high temperature. Recommended use for making rotating sealing ring, drill heads, etc.



AWS ERCoCr-A (Stellite 6)

The most widely used Cobalt Alloy with good mechanical properties at different temperatures. Recommended use for making valve seat material, hot shear blade, etc.



AWS ERCoCr-B (Stellite 12)

It has excellent resistance on high heat, corrosion and abrasion. Recommended use for making high-pressure valve, shear edge, sawteeth, etc.

Chemical (%) :

Specs :	Cr	W	C	Si	Ni	Fe	Mn	Mo	Co
Stellite 1	29.00	12.50	2.50	1.00	≤ 3.00	≤ 3.00	≤ 1.00	≤ 1.00	bal
Stellite 6	29.00	4.50	1.15	1.00	≤ 3.00	≤ 3.00	≤ 1.00	≤ 1.00	bal
Stellite 12	29.00	8.00	1.40	1.20	≤ 3.00	≤ 3.00	≤ 1.00	≤ 1.00	bal

Hardness :

Specs :	Rockwell "C"
Stellite 1	52 ~ 59
Stellite 6	38 ~ 45
Stellite 12	42 ~ 50

Applicable processes : Oxy-Acetylene or Tig welding

Sizes available :

Diameter : 2.7mm, 3.2mm, 4.0mm, 4.8mm, 5.0mm, 6.4mm
Length : 14", 28" or 350mm, 1000mm or to Customer's need.

Packing :

for 14" & 350mm : 5kg/paper box, then to Polywood case
for 28" & 1,000mm : 5kg/paper tube, 20kg/Cartron, then to Polywood case

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rev.021916