

STELLOY 21-G

For Welding Professionals



The ideal cobalt based solution to combat a combination of wear phenomena



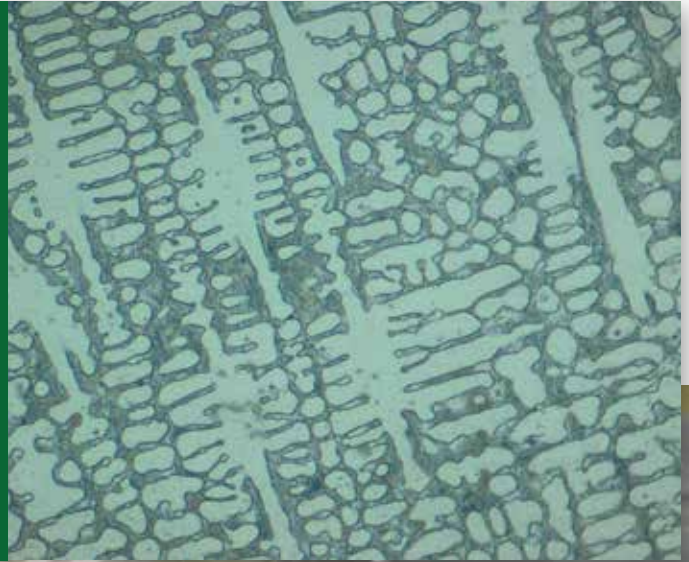
STELLOY 21-G is a metal cored wire that offers all of the superior properties associated with cobalt based alloys, as well as resistance to abrasion and impact.

This wire can be used for a wide range of applications, such as industrial valves, forging dies and hot shearing blades.

The low carbon cobalt base means there is a low risk of cracking.

Why choose this solution?

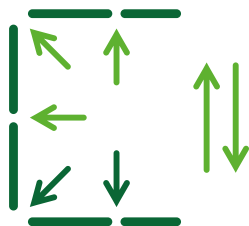
- Semi-automatic, automatic or robotic process
- Less crack sensitive compared to other cobalt based solutions
- Exceptional resistance to metal-to-metal wear, oxidation and thermal fatigue at high temperatures
- Maintains a good level of hardness at high temperatures
- Can be work hardened and polished
- STELLOY 21 is also available for TIG, plasma and laser processes
- Used to build up large scale sections



Product Details

Classification:	EN 14700: T Co1 AWS A5.21: ERCCoCr-E
Available Diameter:	1.2 mm, 1.6 mm, 2.0 mm, 2.4 mm
Hardness:	33 HRC (as welded, three-layer deposit) 45 - 47 HRC (work hardened, three-layer deposit)

Welding Positions:



Out of position welding also possible using short circuit or pulsed arc modes of transfer



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