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Astrolite® 17-22VM

Astrolite 6458

Stainless

Product Description:

Astrolite®17-22VM (also known as 17-22 (A) S) is a high strength low alloy steel which is used for structural parts operating up to 800°F. It is used for turbine knife edge seal repair, steam gas turbine structures and castings, aircraft brake units, compressor discs, military equipment, missiles, and rocket motor cases.

Astrolite®17-22VM Stainless UltraGrade™ surface finish on the spooled wire promotes smooth feeding through welding equipment which may result in reduced tip wear in contact tips.

Astrolite UltraGrade™ wire cleaning processes insure very clean wire surface for reliable welding performance.

Specifications:

AMS6458, UNS K23015, MIL-R-5632 Type VII

Nominal Composition (% by weight) & Mechanical properties:

Iron	Bal
Chromium	1.15 – 1.35
Other interstitials	Unreported

Tensile (ksi)	128
Density (LBs/Cubic inch)	0.285

Available Product Forms and Sizes, Packaging & Identification:

Straight Lengths	Spooled
AMS-2813 – Standard packaging AMS-2814 – Premium packaging <i>available upon request</i> Vapor barrier packaging <i>available upon request</i> . <i>1 LB and 5 LB bags available.</i>	Precision layer wound, with controlled cast and helix AMS-2813 – standard packaging AMS-2814 – Premium, vapor barrier packaging <i>available upon request</i> .
36" (914 mm) – Standard length. Other lengths <i>available on request</i> . Flag tagged on one end per AMS-2816. <i>Tagging of both ends available upon request.</i> Color coding to AMS-2819 or customer-specific specification is <i>available upon request</i> .	12" – Standard spool diameter <i>Other spool diameters; 4" & 8" diameter spools available on request.</i>
Diameters: 0.020", 0.025", 0.030", 0.035", 0.040", 0.045", 0.062", 0.078", 0.093", 0.125"	<i>Upon request special diameters and shapes may be available.</i>

DFARS Compliant



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