

## AI-0226T

### Specifications

**AS/AZS** 1553.3:ER 316L-16

**AWS/ASME** A5.4: ER 316L-16

### Description and Applications

**AI-0226T** is a high quality low carbon rod for the welding of Molybdenum bearing stainless steels; in particular matching 316 and 316T alloys. AI-0316T is also suitable for general welding of other 300 series stainless steels including 302 and 304; as well as ferrite stainless steel grades such as 409, 444 and @Cr12.

**Applications include:** valves, shafts, pumps, marine fixtures, electrical and electronic components, processing and refining equipment, heat exchangers etc.

### Typical Weldmetal Analysis

C	Mn	Si	Cr	Ni	Mo	P	S	Fe
0.03	0.8	0.8	19.00	12.6	2.50	0.015	0.001	Bal

### Mechanical Properties of Weldmetal

	As Welded
Tensile Strength:	550 MPa
Yield Strength (0.2%):	440 MPa
Elongation:	39% (4d)
Shielding Gas	100 % Argon

### Diameter / Packaging

Diameter (mm)	Current type	Shielding Gas (EN ISO 14175)
1.6 x 1000	DC (-)	I 1
2.4 x 1000	DC (-)	I 1

Also available as Solid MIG Wire: **AI-1716**

### Disclaimer

All figures in this datasheet should be considered indicative only. No guarantee is made as to their accuracy.

All figures subject to change without notice. Batch analysis is available for all products sold. Should you require any further information, please contact us at [sales@alloysint.com.au](mailto:sales@alloysint.com.au)

