



DAIKOWT MG 92-8

GTAW

MAGNESIUM ALLOYS
Alloy AZ61A

DESCRIPTION

Rod for welding magnesium and its alloys

Rod for welding magnesium and its alloys Specific for welding and repair of components in the automotive sector and, in particular, for motorcycle crankcases

SPECIFICATIONS

ISO	-	AWS A5.19	ER AZ61A
DIN	-	Werkstoff Number	-
Certifications	-	Shielding	-
Positions	PA, PB, PC, PD, PE, PF	Current	AC

ASME QUALIFICATIONS

F-No (QW432)	-
A-No (QW442)	-

FERRITE

F-No (QW432)	-
A-No (QW442)	-

PREN

F-No (QW432)	-
A-No (QW442)	-

HARDNESS

F-No (QW432)	-
A-No (QW442)	-

CHEM. COMP. %

DEFAULT

MECHANICAL PROPERTIES

MIN

VARIANT

Mn	0.3	Tensile strength R _m MPa	-	-
Al	6.93	Yield strength R _{p0.2} MPa	-	-
Si	0.02	Elongation A (L ₀ =5d ₀) %	-	-
Fe	0.002	Impact Charpy ISO-V	-	-
Zn	0.96	Impact Charpy ISO-V	-	-

WELDING PARAMETERS

2.4 mm

3.2 mm

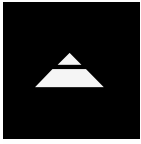
Ampere	60A - 70A	110A - 120A
Voltage	-	-
Packaging	Ø 1,6÷3,2mm	Ø 1,6÷3,2mm
Packaging Type	5kg carton tube	5kg carton tube

V 01/2024



The information in this datasheet is the result of detailed research and is considered accurate as of the publication date. However, we cannot guarantee its complete accuracy, and it is subject to change without notice. Actual results may vary due to many factors like welding procedures, material composition, temperature conditions, bevel configuration, and specific manufacturing techniques. We accept no liability for any errors or omissions in this datasheet. For the most current information, please visit www.daikowelding.com.





Alloy AZ61A

DESCRIPTION

MAGNESIUM ALLOYS

Alloy AZ61A

MATERIALS

V 01/2024



The information in this datasheet is the result of detailed research and is considered accurate as of the publication date. However, we cannot guarantee its complete accuracy, and it is subject to change without notice. Actual results may vary due to many factors like welding procedures, material composition, temperature conditions, bevel configuration, and specific manufacturing techniques. We accept no liability for any errors or omissions in this datasheet. For the most current information, please visit www.daikowelding.com.

 **DAIKO**[®]