

Standards

DIN 8555	: MSG 3-GZ-40-PT
	: WSG 3-GZ-40-PT

Chemical Composition of Welding Wire % (Typical)

C	Si	Cr	Mo	Mn
0.01	0.40	6.00	3.00	0.60

Mechanical Properties

Hardness (after working)
(HRC)

37 - 42

Typical Base Material Grades

- 1.2367-1.2365-1.274-1.2344-1.2343-1.2083

Features and Applications

- Used in build up materials exposed to impact, pressure and abrasion, hot work tool steels for filler metals
- Application range is forging dies, hammers, v-beds, cast steels, continuous casting rollers etc
- The weld metal has wear resistance and high toughness at high temperatures
- 400°C pre-heat temperature must be done before welding
- Shielding gas: MAG: Ar+CO₂
TIG: Ar

Resistance Type and Level

Friction



Impact



High Temp.



Thermo Shock



Corrosive



Crack Resistance



Machining


Welding Electrode

GeKaTec THERMO RESIST

Current Type

MAG D.C.(+) / TIG D.C. (-)

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Package Weight (Kg)	
			MAG	TIG
6031100324	1.00	0.039"	BS 300 15 Kg	Carton Box 5 Kg
6031100325	1.20	0.047"		
6031100326	1.6 x 1000	1/16 x 39"		
6031100327	2.0 x 1000	5/64 x 39"		
6031100328	2.4 x 1000	3/32 x 39"		

Approvals: SEPRO