

**Hardfacing
MAG-TIG Welding Wire**



TOOL 55 SG

Standards :

**Chemical Composition of Welding Wire-
% (Typical) :**

DIN 8555	:	MSG 3-GZ-55-T
	:	WSG 3-GZ-55-T

C	Si	Mn	Cr	Mo	V
0.38	1.0	0.4	5.0	1.1	0.45

Mechanical Properties :

Hardness (as welded) (HRC)
53 - 58

Features and Applications :

- * Application range is cold and hot work tool steels which are used in machine parts, cold and hot cutting blades, extrusion dies, rollers, steel castings and moulds.
- * It is hard facing wire which has high abrasion resistance and keep hardness at high temperatures.
- * Shielding gas : MAG : Ar + CO₂
TIG : Ar

Welding Positions :



Current Type :

Welding Electrode :

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

GeKaTec TOOL 58 S

Operating Data :

Diameter x Length (mm)	Diameter x Length (inch)	Welding Current (A)	Voltage (V)	Package Type	
				MAG	TIG
1.00	0.040"	---	---		
1.20	0.047"	135-260	26-31	B 300	Carton Box
1.6 x 1000	1/16 x 39"	---	---	15 Kg	5 Kg
2.0 x 1000	5/64 x 39"	---	---		
2.4 x 1000	3/32 x 39"	---	---		

TIG Rods : ø 1.6 / 2.0 / 2.4 x 1000 mm

Approvals :

GOST-R, SEPRO