

Standards :

DIN 8555	: MSG 3-GZ-45-T
	: WSG 3-GZ-45-T

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

C	Si	Mn	Cr	W	V
0,3	0,3	0,3	2,3	4,05	0,5

Mechanical Properties :

Hardness (as welded) (HRC)
45 - 48

Features and Applications :

- * Generally are used in build-up for hot work tool steels.
- * Application range is forging dies, gravures, hot cutting tools, de-burring tools, punches, aluminum casting moulds, repair of 2344 hot work tool steels.
- * It has wear and impact resistance at high temperatures.
- * Shielding gas : MAG : Ar + CO₂
TIG : Ar

Welding Positions :

Current Type :

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

Welding Electrode :

~GeKaTec THERMO DUR

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 : \varnothing 1.6 / 2.0 / 2.4 x 1000 mm

Approvals :

GOST-R, SEPRO