

## TECHNICAL DATA

### Specification

Material No.: DIN 8555 : WSG 3-GZ-45-T

Solid metal wire, for wear resistant welding and crack repairing on hot work tools which has stressed of friction, impact and pressure.

### Field of Applications

For laser welding on both hot and cold tools with universal applicable using. Best compromising between hardness and crack resistance in even hot work.

### Mechanical Properties

Hardness untreated (HRC)	42-46
Hardness soft annealed (HRC)	23
Hardened 1,050°C/Oil (HRC)	58
Tempered 600°C (HRC)	53

Composition in %				
C 0.35	Si 0.30	Mn 1.20	Cr 7.00	Mo 2.00
Ti 0.30	Fe Rest			

### Compatible Materials:

S55C / SKD61 / KP4M / Z38CDV5 / S50C / DAC10 / M310 / DH3-15 / DHA1  
 Toolox44 / 1.2343 / 1.2344 / 1.2479 / 1.2767

### Available Sizes:

MA125 Spools : Ø mm 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.8  
 Rods (500 mm) : Ø mm 0.4 / 0.5 / 0.6 / 0.8 / 1.0 / 1.2



EN 10204/3.1 2005 Quality Certified



e-version

Steel  
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