

TECHNICAL DATA

Specification

Material No.: 1.2343 / DIN 8555 : WSG 3-GZ-55-T / X35CrMoMn7-2

Solid metal wire H11, for high temperature strong welding on hot and cool work tools. Applicable for nitride coating.

Field of Applications

For hardface welding on hot and cold work tool which heavily stressed of pressure, friction and moderate impact stress especially Thixomolding.

Mechanical Properties

Hardness untreated (HRC)	55-60
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



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e-version