

TECHNICAL DATA

Specification

Material No.: 1.4718 / DIN 8555: MSG 6-GZ-60-S

Martensitic Cr-steel wire with good heat strength up to 500°C. Scale resistant up to 800°C. High resistance against adhesive and abrasive wear. Resists impact stress, hardenable.

Field of Applications

For highly wear resistant welding on cutting, bending tools etc.

Mechanical Properties

Hardness untreated (HRC)	53-60
Soft annealed (780°C-820°C, 2-4 H) (HRC)	27
Hardened (compressed air 1,180°C - 1,220°C) (HRC)	63
Tempered twice (540°C-560°C, 1 H, air) (HRC)	65

Composition in %				
C 0.40	Si 3.00	Mn 0.45	Cr 9.50	Fe Rest

Compatible Materials:

SKD11 / HPM31 / GGG70L / DC53 / SKH51 / Z160CDV12

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