

TECHNICAL DATA

Specification

Material number.: 1.3348 / DIN 8555: SG 4-60-S

Solid high speed steel filler wire with improved toughness and good cutting performance. Martensitic material with embedded carbides and rest austenite. High hot hardness, tempering and scales resistance, pardonable.

Field of Applications

For armoring wear susceptible areas and edges on tools. Even cracking free in first layer on very critical material as 1.2379 (D2).

Mechanical Properties

Hardness untreated (HRC)	55-63
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 1.00	Si 0.45	Mn 0.40	Cr 4.00	Mo 9.00
V 2.00	W 1.80	Fe Rest		

Compatible Materials:

SKD11 / HPM31 / GGG70L / DC53 / SKH51 / Z160CDV12 / Vanadis23 / Vanadis30 / ASP23 / ASP30 / Toolox33 / High speed cutting tools / 1.2379 / 1.2363 / 1.2080

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



EN 10204/3.1 2005 Quality Certified



e-version

Steel
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