

TECHNICAL DATA

Specification

Material No.: 1.5424 / 10MnMo4-5

Field of Applications

Developed from DSI M 90, minimises stress from production process to achieve finest grain structure after welding for high performance in mirror surface finishing / etching surfacing.

Applicable for nitride coating and carburising coating process.

Mechanical Properties

Proof strength Rp0.2 (N/mm ²)	500
Tensile strength Rm (N/mm ²)	560
Ultimate elongation A5 (%)	18%
Hardness (HRC)	25-27

Composition in %				
C 0.10	Si 0.60	Mn 1.20	Mo 0.50	Fe Rest

Compatible Materials:

NAK80 / HPM50 / 40CMD8S / 40CMD8 / SP300 / M238 / MAS1C
 P20 / M300 / S136 / DH2F
 PX-5 / EM38 / SPM-20 / FC25 / N238 / MP20 / KD20 / S50C/ Toolox33
 1.2311 / 1.2312 / 1.2738

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