

Classifications

DIN 8555	EN 14700
MSG 6-GF-60-GP	T Fe 6

Characteristics

UTP AF ROBOTIC 606 is a seamless, CrMo-alloyed, metal-cored wire for wear-resistant hardfacing applications. Its resistance to friction and low stress abrasive wear with moderate impact is excellent.

Thanks to its constant wire feed and excellent weldability, this wire is especially suited for automated welding.

Application field

Parts of earth moving machinery, rollers and mills

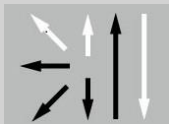
Typical analysis in %

C	Mn	Si	Cr	Mo
0.5	1.4	0.6	6.0	0.5

Typical mechanical properties

Hardness as welded: 57 – 62 HRC

Welding positions



Current type: = +

Shielding gas: Ar/CO₂ (EN ISO 14175: M21)
Flow rate: 14 – 20 l/min

Recommended welding parameters

Diameter [mm]	Spools	Weight [kg]	Amperage [A]	Voltage [V]
1.2	BS300	16	120 – 300	20 – 32
1.6	BS300	16	180 – 420	22 – 34

Other diameters on request.