

Classifications

DIN 8555

EN 14700

MSG 3-GF-60-GPZ

T Fe 8

Characteristics

UTP AF ROBOTIC 603 is a seamless, chromium-molybdenum-tungsten-vanadium-alloyed, metal-cored wire for abrasion and moderate stress-resistant surfacing applications up to 550 °C.

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

Application field

Crushing hammers, bulldozer buckets, bucket teeth, hammers, cutting tools

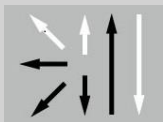
Typical analysis in %

C	Mn	Si	Cr	Mo	V	W
0.5	1.1	1.0	5.5	1.3	0.3	1.3

Typical mechanical properties

Hardness as welded: 57 – 62 HRC

Welding positions



Current type: = +

Shielding gas: ArCO₂ (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.