

## 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

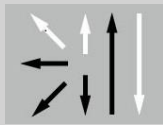
## Typical analysis in %

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: ArCO<sub>2</sub> (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.