

Classifications

DIN 8555	EN 14700
MSG 1-GF-350-P	T Fe 1

Characteristics

UTP AF ROBOTIC 352 is a seamless, low-alloyed metal-cored wire for surfacing medium-hard steels.

Thanks to its constant wire feed and excellent weldability, this flux-cored wire is especially suitable for automated welding.

Application field

Pulleys, chains, crawler rollers and gear wheels.

Typical analysis in %

C	Si	Mn	Cr
0.25	0.55	1.75	1.7

Typical mechanical properties

Hardness as welded: 325 – 375 HB

Welding positions

	Current type: = +	Shielding gas: Ar/CO ₂ (EN 14175: M21) Flow rate: 14 – 20 l/min
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Recommended welding parameters

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

Also available on drum spools (250 kg).