

Classifications

DIN 8555	EN 14700
MSG 5-GF-40-P	T Fe 3

Characteristics and typical fields of application

UTP ROBOTIC 405 is a seamless medium-alloyed metal-cored wire with low carbon content for wear-resistant surfacing applications. Thanks to its constant wire feed and excellent weldability, this wire is especially suited for automated welding.

Field of use: forging tools, parts of earth moving machinery, rollers and supports. Machinable with sintered hard metal.

Typical analysis

	Gas	C	Si	Mn	Cr	Mo
wt.-%	M21	0.1	0.6	1.5	5.5	0.9

Mechanical properties of all-weld metal - typical values (min. values)

Condition	Hardness
u	37 - 42
u untreated, as-welded	

Operating data

	Polarity	DC+	Dimension mm
	Shielding gas (EN ISO 14175)	M21	1.2
			1.6

Approvals

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