

Classifications

DIN 8555	EN 14700
MSG 3-GF-55-ST	T Fe 8

Characteristics and typical fields of application

UTP ROBOTIC 554 is a seamless metal-cored wire for pressure and abrasion resistant surfacings up to 550 °C with Ar/CO₂ shielding gas. Main features are: very stable arc, low spatter emission, low amount of slag. Thanks to its constant wire feed and excellent weldability, this wire is especially suited for automated welding.

Field of use: forging tools, hot working dies, croppers, hot shearing machines, hot rolling, trimmers, extrusion screws, hot cutting up to 550 °C.


Typical analysis

	Gas	C	Si	Mn	Cr	Mo	Ti
wt.-%	M21	0.30	0.50	0.95	6.5	2.1	0.3

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

Condition	Hardness
	Hardness
u	52 - 57
u untreated, as-welded	

Operating data

	Polarity	DC+	Dimension mm
	Shielding gas (EN ISO 14175)	M21	1.6
			2.4

Approvals

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