UTP ROBOTIC 600

gas-shielded metal-cored wire

Classifications

DIN 8555	EN 14700
MSG 6-GF-60-GP	T Fe 8

Characteristics and typical fields of application

UTP ROBOTIC 600 is a seamless, chromium-alloyed, metal-cored wire for wear-resistant hardfacing applications on parts subject to a combination of pressure, impact and abrasion wear. Very good weldability in comparison to solid wires, good resistance to abrasion, minimized slag formation with easy slag removal. Thanks to its constant wire feed and excellent weldability, this wire is especially suited for automated welding.

Field of use: cutting tools, esp. cutting edges of presses in ceramic tiles production, jaw crushers, baffle plates.

Typical analysis

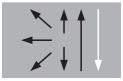
	Gas	C	Si	Mn	Cr
wt.-%	M21	0.45	3.0	0.4	9.0

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

Condition	Hardness
	Hardness
u	57 - 62

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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All information provided is based upon careful investigation and intensive research.
However, we do not assume any liability for correctness and information is subject to change without notice.