

WEARmig Dur 600

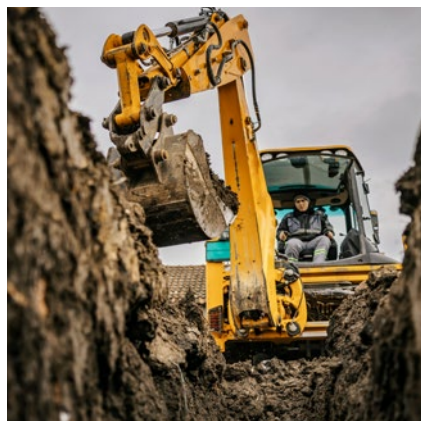
Solid wire for multi-purpose wear protection

Product features	User benefits
» All-weld metal hardness 56-58 HRC	» Improved lifetime of surface exposed to abrasion, compression and impacts » Crack-free weld overlay even in multilayer deposit » Machinable by grinding or with tungsten carbide tools
» Copper coated solid wire for GMAW process	» Excellent wire feeding » Excellent arc stability » High deposition efficiency » Automation of the welding operations

WEARmig Dur 600, the universal hardfacing solid wire, is designed for GMAW build-ups on parts of steel, cast steel and high Mn-steel, subject simultaneously to abrasion, impact and compression.

Containing 0.5% carbon, 9% chromium, this alloy delivers a combination of excellent wear resistance and good toughness, even under harsh conditions. Its optimized chemistry ensures high hardness and extended service life, reducing downtime and maintenance costs.

Despite the high hardness, the deposit is very tough, crack resistant and has an excellent cutting behaviour.



Typical applications

- » Earth movers
- » Bucket and bucket teeth
- » Recycling
- » Hammer crushers
- » Agriculture
- » Repair of cutting tools

WEARmig Dur 600

Classifications	
EN 14700	Material Number
S Fe 8	1.4718

Typical analysis in %				
C	Si	Mn	Cr	Fe
0.5	2.3	0.5	9.0	balance

Hardness			
All-weld As welded	All-weld metal After soft annealing	1 st Layer on Mild steel	2 nd Layer on High Mn steel „-“
54-60 HRC	250 HB	53 HRC	40 HRC

Wire diameter [mm]	Current type	Shielding gas (EN ISO 14175)			
0.8	DC (+)	M12	M13	M21	C1
1.0	DC (+)	M12	M13	M21	C1
1.2	DC (+)	M12	M13	M21	C1
1.6	DC (+)	M12	M13	M21	C1

Packaging
B300 spools



Weight in kg: 15 kg

Wire diameter:
1.2 mm (art. nr. 15163)

Other diameters available
on request