



AMA FC 73G2

DIN 8555
EN 14700

MF 3-GF-55-ST
T Fe8

Application/properties:

AMA FC 73G2 is used for resistant to abrasion and impact with moderate pressure at high temperatures such as forging tools, types of mandrels, high-temperature cutting tools and also for cladding non alloy and low alloy steels. Machinable is only possible by grinding or tungsten carbide tools.

Weld metal analysis (Wt.%):

Typical all weld metal analysis

C	Mn	Si	Cr	Mo	Ti
0.35	1.3	0.45	7	2	0.30

Mechanical properties:

Typical all weld metal hardness

Hardness (HRC)

53-58

Delivery:

Welding process	TIG	MIG	
Diameter (mm)	Weight (Kg)	Weight (Kg)	Weight (Kg)
1.20	5	5	15
1.60	5	5	15

Note: other weight & sizes are produced upon customer request.

Field of use:

Forging tools, types of mandrels, high-temperature cutting tools and coating of unalloyed or low-alloyed metals.

Welding instruction:

The welding surface should be well cleaned and free from any cracks and contamination. Preheating should be used at approximately 400°C and the temperature of the part should be maintained within this range during welding. If necessary, stress relief should be performed at 550°C.