

## MHA #6

MHA #6 is a premium Cobalt/Chrome/Tungsten alloy. It is the most generally useful Cobalt alloy, having resistance to many forms of mechanical and chemical degradation over a wide range of temperatures. Particular attributes are its outstanding

self-mated anti-galling properties, which result in its wide use as a valve seat material, high temperature hardness, and a high resistance to cavitation erosion. The alloy is ideally suited to a variety of Hardfacing processes.

### APPLICATIONS

MHA #6 can be used on engine valves, plastic extrusion screws, valve seats, sintering machine seat, covers, flapper gates, coke pusher shoe, cooling bed rollers, hot trimming dies, forging die blocks, chainsaw guide bars, blow valves and pulp digester.

### PARTICLE SIZES

G20-GO-40-CRTZ – Cast Rod  
E20-UM-40-CRTZ – Electrode  
MF20-GF- 40-CRTZ - FCW

### TYPICAL WELD METAL DATA

%C	%Fe	%Si	%Ni	%Cr	%W	%Co
1	<3	<2	<3	28	4	Bal

### TYPICAL HARDNESS RANGE HRc

40 HRc

### PACKING DATA ELECTRODES

Dia mm	Item Number	Box Mass Kg
2.4	077012	5
3.2	077013	5
4.0	077014	5
5.0	077015	5

### PACKING DATA ROD/TIG

Dia mm	Item Number	Box Mass Kg
2.4	077032	10
3.2	077033	10
4.0	077034	10
5.0	077035	10
8.0	077036	10

### PACKING DATA FCW

Dia mm	Item Number	Spool Mass Kg
1.2	077008	15

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