

Metal to sand abrasion resistant

MXW D

Product Features:

- Self or gas shield type harfacing flux cored arc welding wire.
- Good for moderate impact and wear resistance.
- Available for workpiece subjected to metal-to-metal or metal-to-soil abrasion.
- High welding performance, available for all positions.

Applications:

- Petroleum industry: oil rig tools, tool connectors and drill collars.
- Agriculture industry: scrapers, plows, hammers.
- Coal mining industry: drill stems, collars augers, hammer crushers, roll crusher, shovel buckets and shovel teeth, etc.
- ceramic industry: augers, feeder shoes, clay machine paddles and conveyor screw rod.
- Architecture: asphalt mixer, paddles, shovel buckets, shovel teeth and similar parts.

Typical chemical composition of all-weld metal (wt%)

C	Si	Mn	Cr	Mo	Others
2.0	1.0	0.2	8.0	0.4	0.6

Typical characteristics of weld metal

Abrasion Resistance	Impact Resistance	Adhesive Abrasion Resistance	Welding layer	Hard facing stress crack	Hardness HRC
Excellent	Medium	Grind Only	3	Yes	64

Size & recommended welding parameters

Diameter	1.2mm	1.6mm
Polarity	DC+	DC+
Ampere	150~320	180~340
Voltage	25~33	26~35
Wire extension	15~30mm	15~30mm
Shielding Gas	Self Shield / CO2	Self Shield / CO2

Note: All values listed on the table obtained from non-gas shielded welding test.

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