



PRODUCT DATA SHEET



ArcoCrush Sizer NbC – SS (self-shielded)

ArcoCrush™ is a family of alloys tailored to meet the aggressive applications of Australian Industries wear management

CLASSIFICATIONS	AS/NZS 2576-2005, 2460-B7 EN 14700 T Fe15 65 GCZ
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ArcoCrush Sizer NbC is a cored self-shielded wire manufactured from high grade ferro-alloy additives and manufactured to exact formulation providing a rich balance and blend of carbide fractions.

The weld deposit contains hard Chromium/Niobium Carbides in a tough austenitic eutectic matrix. Niobium Carbide fractions assist with impact properties and increase abrasion resistance over traditional Chromium Carbide formulation.

This versatile alloy performs exceptionally well in both fine and coarse abrasion providing armoured protection of components subject to all types of abrasion and moderate impact.

The weld deposit is non machinable.

Applications

Crusher-sizers (primary/secondary), breaker bars (Anvils), sizing screens, crushing components, vertical spindle mill rolls & tables, impactors, shredding hammers, earthmoving equipment, (bucket lips, rippers), brick industry components, pump impellers, augers, slurry pipework cladding, wearplate cladding.

Post weld Relief checking is normal. Best limited to two (2) layers maximum.

Gas shielding is not required, torch electrode positive polarity (DCEP)

Typical All- weld Metal Composition (Weight%)

C	Mn	Si	Cr	Nb	Fe
5.2	0.51	1.0	22.8	7.1	Balance

Typical All- weld Metal Hardness range

62 HRc (1 layer)	64 HRc (2 layer)
600 HB	620 HB

PACKAGING

15kg, 25kg coils, 300kg PAK Drums

Wire diameter Sizes

1.6mm, 2.8mm