



## PRODUCT DATA SHEET



### ArcoCRUSH Kimberley – SS (self- shielded)

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

<b>CLASSIFICATIONS</b>	AS/NZS 2576-2005, 2465-B7 EN 14700 T ZFe8
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ArcoCrush Kimberley 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 primary Chromium/Niobium Carbides in an austenitic eutectic matrix. Additional Tungsten & Vanadium provide resistance to severe abrasion, gouging & grinding and high temperature resistance up to 600c.

Weld deposit can be applied up to 3 layers.

The weld deposit is non machinable.

#### Applications

Crusher-sizers (primary/secondary), breaker bars (Anvils), sizing screens, crushing components, crusher rolls, impactors, shredding hammers, cement industry components, augers, slurry pipework cladding, earthmoving equipment.

Post weld Relief checking is normal without preheat.

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

#### Typical All- weld Metal Composition (Weight%)

C	Mn	Si	Cr	Nb	Mo	W	V	Fe
5.50	0.50	1.50	22.0	6.00	5.50	2.0	1.0	Balance

#### Typical All- weld Metal Hardness range

64-66 HRc (1 layer)	63-67 HRc (3 layer)
690-735 HB	680- 746 HB

#### PACKAGING

15kg, 25kg coils, 300kg PAK Drums

#### Wire diameter Sizes

1.6mm, 2.8mm