



PRODUCT DATA SHEET



ArcoCRUSH Pilbara – 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, 1960-B7 EN 14700 T ZFe8
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ArcoCrush Pilbara 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 Titanium/ Vanadium Carbides in a High Carbon martensitic matrix. Titanium & Vanadium carbides provide extreme impact properties, low coefficient of friction and resistance to severe abrasion, gouging & grinding.

Weld deposit can be applied up to 4-5 layers without relief checking under controlled application.

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 Negative polarity (DCEN)

Typical All- weld Metal Composition (Weight%)

C	Mn	Si	Cr	Ti	V	Mo	Fe
1.95	1.25	1.1	5.8	5.7	2.9	1.2	Balance

Typical All- weld Metal Hardness range

59-62 HRc (1 layer)	55-59 HRc (3 layer)
650-690 HB	560-650 HB

PACKAGING

15kg, 25kg coils, 300kg PAK Drums

Wire diameter Sizes

1.6mm, 2.8mm