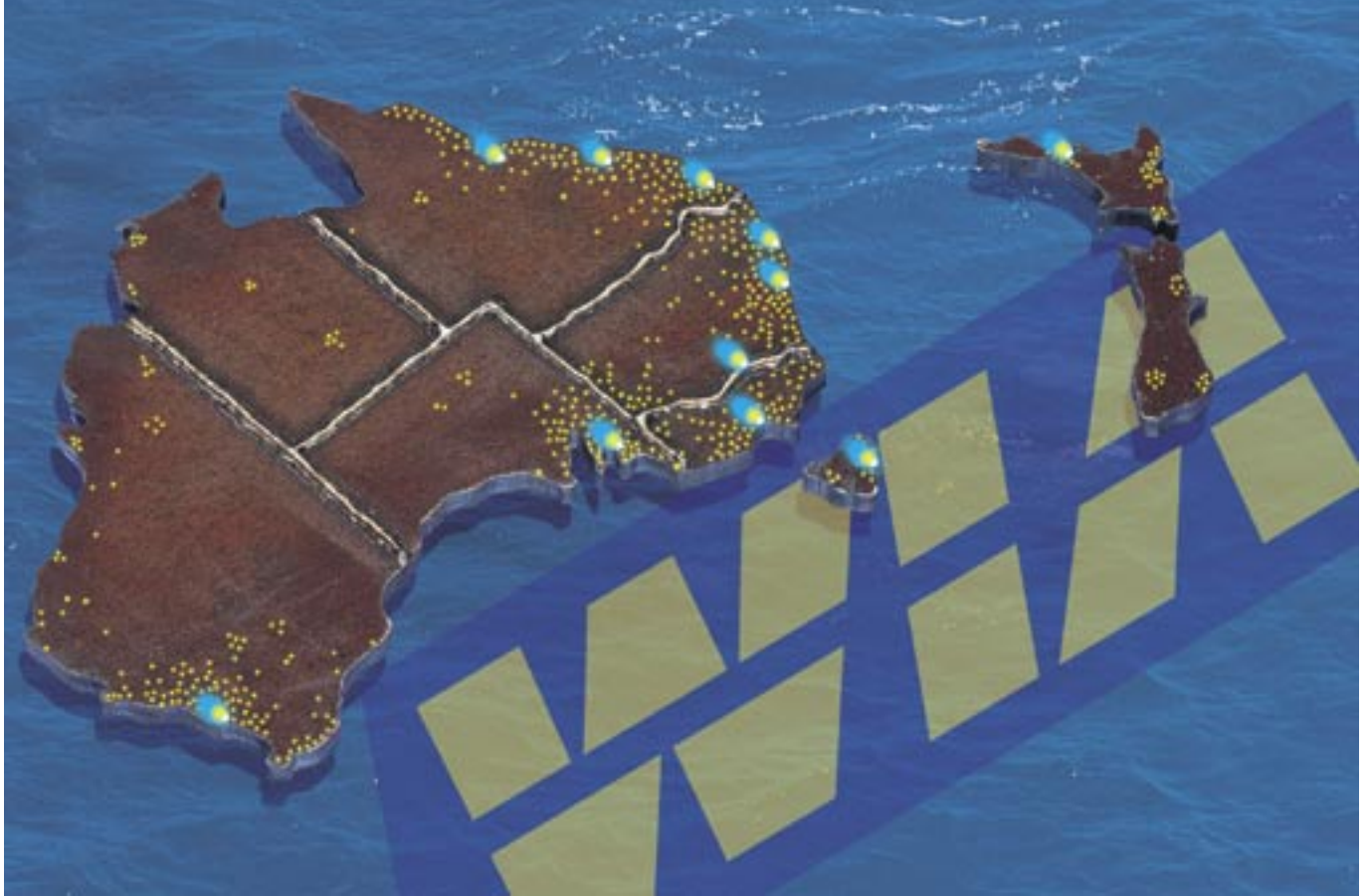


Welding

**Products
Catalogue**





WELDING INDUSTRIES OF AUSTRALIA

An ITW company

Welding Industries of Australia (WIA) specialises in the manufacture and distribution of quality welding products.

WIA was formed in the early 1960's and has established high quality manufacturing facilities in Adelaide, South Australia and Napier, New Zealand. WIA is well known throughout industry for its manufacture of a wide range of high quality welding machines and welding consumables for industrial, farm and home use. By establishing strategic alliances with

leading welding supply companies through-out the world, WIA further ensures its customers access to the best technology in all welding applications.

WIA maintains design and quality leadership through a commitment to an on-going new product development program.

Sales offices located in capital cities and major regional industrial centres provide sales and technical support to a large network of leading welding product distributors. Well trained and accredited service agents

are conveniently located throughout Australia to ensure prompt attention to any service requirements.

WIA offer a wide range of welding products and accessories for Manual Arc, MIG, TIG, Sub-arc, Gas welding and cutting, and Plasma cutting processes. Consumable products include coated stick electrodes, solid and flux cored wires. Equipment products include single and three phase, engine driven and inverter welding machines, and gas welding and cutting equipment.





Welding Consumables

ARC WELDING ELECTRODES	2
SOLID MIG WIRES	7
FLUX CORED MIG WIRES	10
HARD SURFACING WIRES	12
SUBMERGED ARC WIRES & FLUXES	13
TIG WELDING RODS	14
GAS WELDING RODS & FLUXES	15
RETAIL PACKAGED WELDING CONSUMABLES	17



Welding & Cutting Equipment

AC ARC MACHINES	18
DC ARC & TIG MACHINES	19
AC/DC ARC & TIG MACHINES	20
MIG MACHINES	21
MULTI-PROCESS MACHINES	25
ENGINE DRIVEN MACHINES	26
PLASMA CUTTING MACHINES	28
GAS WELDING & CUTTING EQUIPMENT	29
TIG TORCHES & COMPONENTS	32
MIG WIREFEEDERS	34
MIG GUNS & COMPONENTS	36
ANCILLARY EQUIPMENT	39
WELDING ACCESSORIES	40



For full Miller equipment range details, please refer to the Miller International catalogue from WIA

Product Index 44

General Purpose



AUSTARC 12P

Classification: AS/NZS 1553.1:E4112 AWS A5.1:E6013

Excellent easy starting, smooth running, popular all positional mild steel general purpose electrode. Austarc 12P has the extra arc force and fast freezing slag required for vertical down welds. Typical applications include welding of general purpose structural steel, galvanised gates & fences, trailers, steel furniture, wrought iron work. Great operator appeal. The ideal general purpose choice for the "one electrode" workshop.

Ask for data sheet WCD 6101 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	2.5/3.2	3.2	5.0	15	12P32
2.0	2.5	12.5	12P20	2.0	0.5	10	12P20M	3.2
2.0	0.5	10	12P20M	2.5	2.5	12.5	12P25	4.0
2.5	2.5	12.5	12P25	2.5	1.0	12	12P32M	4.0
2.5	1.0	12	12P25M	4.0	5.0	15	12P40	5.0
				5.0	5.0	15	12P50	



AUSTARC 13S

Classification: AS/NZS 1553.1:E4113 AWS A5.1:E6013

Very popular blue & white striped, mild steel general purpose electrode for welding in downhand and vertical positions. Easy to use for less experienced operators. Superior weld appearance and ideal for general purpose and structural welding of sheet and plate steel (galvanised or otherwise) and tubular sections, including trailers, duct work, hoppers, storage tanks etc.

Ask for data sheet WCD 6102 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	2.5/3.2	3.2	5	15	13S32
2.0	2.5	12.5	13S20	2.0	0.5	10	13S20M	3.2
2.0	0.5	10	13S20M	2.5	2.5	12.5	13S25	4.0
2.5	2.5	12.5	13S25	2.5	1.0	12	13S32M	4.0
2.5	1.0	12	13S25M	4.0	5	15	13S40	5.0
				5.0	5	15	13S50	

Mild Steel Iron Powder



AUSTARC 24

Classification: AS/NZS 1553.1:E4824 AWS A5.1:E7024

Easy to use, smooth running, heavy coated, high iron powder rutile type electrode for high speed welding of mild steel. Suited to long, heavy fillet and butt welding using the touch welding or 'short arc' technique and can be used on AC or DC power sources.

It's instant arc initiation, high arc stability, & low spatter combines in an excellent fillet weld contour, "edge washing" and slag release. It is recommended for high quality downhand welding of heavy sections where high deposition rates are required.

Typical applications include tanks, structural frames, tractor, truck & trailer bodies, rolling stock, roof trusses etc.

Ask for data sheet WCD 6106 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	4.0	5	15	2440
3.2	5	15	2432	5.0	5	15	2450



WELD WELL 7024

Classification: AS/NZS 1553.1:E4824 AWS A5.1:E7024

Heavy coated rutile contact type electrode developed for high speed welding of mild steel where a high deposition rate is required.

For welding of bridge girders, pressure vessels, tanks, structural members, truck and tractor bodies, rolling stock, roof trusses, etc.

Ask for data sheet WCD 6159 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	4.0	5	15	PH702440
3.2	5	15	PH702432	5.0	5	15	PH702450

Hydrogen Controlled



AUSTARC 16TC

Classification: AS/NZS 1553.1:E4816 AWS A5.1:E7016

Smooth running, hydrogen controlled, all positional electrode. Great reputation for vertical up and horizontal operation. The original low hydrogen electrode with twin coating for even greater arc stability. Low temperature impact toughness and ideal for welding carbon, carbon-manganese, and low alloy high strength steels. Particularly suitable for structural applications where notch toughness to -40°C is required.

Ask for data sheet WCD 6109 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.		
2.5	1	12	16TC25M	2.5/3.2	6 Blister packs 16TCBPCAR
3.2	1	12	16TC32M	4.0	5 15 16TC40
2.5	2.5	12.5	16TC25	5.0	5 15 16TC50
3.2	5	15	16TC32	6.0	5 15 16TC60



AUSTARC 18XL

Classification: AS/NZS 1553.1:E4818 AWS A5.1:E7018-1

Smooth running, basic iron powder, low hydrogen electrode offering outstanding performance in all positions (except vertical down) on both AC and DC current. Applications include welding of pressure vessels, pipes, heavy structural girders and beams, tanks, earth moving and mining equipment, repair and maintenance.

Ask for data sheet WCD 6108 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	5	15	18XL32
4.0	5	15	18XL40



AUSTARC 18TT

Classification: AS/NZS 1553.1:E4818 AWS A5.1:E7018-1

Versatile E4818/E7018-1 type electrode offering excellent DC performance in all positions except vertical down.

An ideal choice for root, fill and capping passes in difficult positional pipework. Other major applications include all positional welding of unfired pressure vessels, offshore platforms, hydroelectric penstocks and general structural members.

Ask for data sheet WCD 6110 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	5	15	18TT32
4.0	5	15	18TT40



WELD WELL 77

Classification: AS/NZS 1553.1:E4818 AWS A5.1:E7018-1

Smooth running basic type iron powder electrode used for all positional welding except vertical down.

This electrode is used where the highest standards are required. Weld features include high ductility, x-ray quality and low temperature impact properties to -40°C. For repair and maintenance of heavy plate and highly restrained work pieces such as penstocks, turbines, pressure vessels, heavy girders, earth moving plant, etc.

Ask for data sheet WCD 6171 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
2.5	2.2	11	PH7725
3.2	5	15	PH7732
4.0	5	15	PH7740
5.0	5	15	PH7750

Hard Surfacing



ABRASOCORD 43

Classification:

AS/NZS 2576:2465-A4

Heavy coated hard facing electrode depositing very hard chromium/ niobium carbides in an austenitic matrix.

Suitable for applications where resistance to extreme abrasion and moderate to heavy impact are required such as press screws, grizzly bars, crusher hammers, ripper teeth and shovel teeth/lips.

Ask for data sheet WCD 6125 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	5	15	AC4332
4.0	5	15	AC4340



ABRASOCORD 350

Classification:

AS/NZS 2576:1435-A4

Smooth running electrode depositing a tough wear resistant air hardening C/Mn/Cr steel alloy which is machinable and can be readily hot forged.

Suitable for heavy build-up and surfacing of steel components subjected to metal-to-metal wear and compressive loading such as track components, gears and shafts, etc.

Ask for data sheet WCD 6120 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	5	15	HF35032
4.0	5	15	HF35040
5.0	5	15	HF35050



ABRASOCORD 700

Classification:

AS/NZS 2576:1855-A4

Smooth running electrode depositing an air hardening martensitic Cr/Mo/V steel alloy. It is one of the hardest steel alloys available, is free from relief checks and offers good resistance to all types of abrasion under low to moderate impact conditions.

Suitable for surfacing of post hole augers, agricultural points, shares and tynes, grader and cultivator blades and other components subject to fatigue or flexing during service.

Ask for data sheet WCD 6121 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2		6 Blister Packs	HF700BPCAR
3.2	0.5	10	HF70032M
3.2	5	15	HF70032
4.0	5	15	HF70040
5.0	5	15	HF70050

Dissimilar Metals



UNICORD 312

Classification:

AS/NZS 1553.3:E312-16

AS/NZS 2576:1330-A3

AWS A5.4:E312-16

Basic, rutile type electrode depositing 29Cr/9Ni type stainless steel weld metal for high strength welding of a wide range of alloy steels and dissimilar ferrous metals. For repair and maintenance of steels of unknown composition. Also suitable as a buffer or intermediate layer prior to the application of hard surfacing.

Ask for data sheet WCD 6127 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
2.5	2.5	15	UC31225
2.5/3.2		6 Blister Packs	UC312BPCAR
2.5	0.5	10	UC31225M

3.2	0.5	10	UC31232M
3.2	2.5	15	UC31232

Tubular Hard Surfacing



TUBECORD C-2354

Classification: AS/NZS 2576:2354-A1

Weld deposit offers improved impact performance through controlled levels of carbon and chromium. Deposit hardness (single layer) 54-57 HRC. Very hard and tough deposit ideal for applications subjected to heavy abrasion and impact.

Ask for data sheet WCD 6134 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
6.3	5	15	TUBC60
8.0	5	15	TUBC80

TUBECORD D-2355

Classification: AS/NZS 2576:2355-A1

Weld deposit offers improved abrasion resistance through higher levels of carbon and chromium. Ideal for hard surfacing components subjected to heavy abrasion and moderate impact loading.

Applications include hard surfacing of dredge bucket lips, shovel buckets, scraper and dozer sides, cone crushers and mill hammers, etc.

Ask for data sheet WCD 6135 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
6.3	5	15	TUBD60
8.0	5	15	TUBD80

Cutting & Gouging



AUSTARC C&G

Heavy coated electrode providing a highly mobile means of cutting, gouging and piercing most steels, using standard AC or DC arc welding equipment. Produces a very high arc force and can be used for general cutting and grooving in joint preparations, removing defective welds and reclaiming scrap metal, etc.

Ask for data sheet WCD 6131 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	4	12	CG32
4.0	4	12	CG40

TUBECORD E-2460

Classification: AS/NZS 2576:2460-A1

Weld deposit contains carbon, chromium, niobium and molybdenum for good resistance to both impact and abrasion. Applications include hard surfacing of grizzly bars, bucket teeth, crusher hammers, rail ballast tampers, dredger and ripper teeth, etc.

Ask for data sheet WCD 6136 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
6.3	5	15	TUBE60
8.0	5	15	TUBE80

Cast Iron



SUPERCAST Ni

Classification: AWS A5.15:ENi-CI

Basic, graphite coated electrode for lower strength welding of cast irons. For repair and build up of all standard grades of grey cast iron, malleable iron, austenitic cast iron and some grades of meehanite cast iron.

Ask for data sheet WCD 6128 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2	2.5	15	SNI32
4.0	2.5	15	SNI40



SUPERCAST Ni/Fe

Classification: AWS A5.15:ENiFe-CI

Basic, graphite coated electrode for higher strength welding of cast irons. For repair and build up of SG irons and all standard grades of grey cast iron, malleable iron, austenitic cast iron and some grades of meehanite cast iron. Also suited to welding these cast irons to steel.

Ask for data sheet WCD 6129 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
3.2			6 Blister packs SNIFBPCAR
3.2	2.5	15	SNIFE32
3.2	0.5	10	SNIFE32M
4.0	2.5	15	SNIFE40

Cellulose/Pipeline



WELDWELL 31A

Classification: AS/NZS 1553.1:E4111 AWS A5.1:E6011

High cellulose electrode developed for all positional welding on both AC and DC current. Recommended for pipeline welding and storage tank construction where either the "Stove Pipe" or "Flick" techniques are used to obtain full root penetration in critical structural joints.

Ask for data sheet WCD 6145 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	4.0	5	15	PH31A40
2.5	2.5	12.5	PH31A25	5.0	5	15	PH31A50
3.2	5	15	PH31A32				



PIPEMASTER 60

Classification: AWS A5.1: E6010

Cellulosic low carbon steel electrode designed for welding in all positions. Suitable for pipe welding, general purpose fabrication and maintenance welding, vertical and overhead plate welding, construction and shipbuilding.

Ask for data sheet WCD 6182 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.
2.4	22.7	n/a	H0601024C
3.2	22.7	n/a	H0601032C
4.0	22.7	n/a	H0601040C

Stainless Steel



STAINCORD 308L-16

Classification: AS/NZS 1553.3:E308L-16 AWS A5.4:E308L-16

All positional, rutile type stainless steel electrode depositing very low carbon weld metal of 19Cr/10Ni type. For welding 304 and 304L stainless steels in critical applications and for general purpose welding of other stabilised and non-stabilised 300 series stainless steels.

Ask for data sheet WCD 6115 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	3.2	2.5	15	SC30832
2.5	2.5	15	SC30825	4.0	2.5	15	SC30840

STAINCORD 309MO-16

Classification: AS/NZS 1553.3:E309MoL-16 AWS A5.4:E309MoL-16

All positional, rutile type stainless steel electrode which deposits very low carbon weld metal of 23Cr/12Ni/2.5Mo type. For welding of matching 309 and 309Mo base metals and a wide range of 300 and 400 series stainless steels to alloyed and non alloyed dissimilar ferrous metal combinations.

Ask for data sheet WCD 6117 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	3.2	2.5	15	SC309M032
2.5	2.5	15	SC309M025	4.0	2.5	15	SC309M040



STAINCORD 316L-16

Classification: AS/NZS 1553.3:E316L-16 AWS A5.4:E316L-16

Rutile stainless steel electrode exhibiting superior all positional welding (except vertical down) performance, depositing weld metal of 19Cr/12Ni/2.5Mo type.

Recommended for welding 316, 316L and common 300 series stainless steels such as 301, 302, 304 and 304L. Also suitable for welding ferritic stainless steel alloys such as 3Cr12.

Ask for data sheet WCD 6116 for more details

Size(mm)	Pkt(kg)	Ctn(kg)	Part No.	2.5/3.2	6 Blister Packs	SC316BPCAR	
2.0	0.5	10	SC31620M	2.5	0.5	10	SC31625M
2.0	2.5	15	SC31620	3.2	0.5	10	SC31632M
2.5	2.5	15	SC31625	3.2	2.5	15	SC31632
				4.0	2.5	15	SC31640

Carbon Steels

AUSTMIG ES6

Classifications:

AS/NZS 2712.1: ES6-GC-W503AH

AS/NZS 2712.1: ES6-GM-W503AH

AWS A5.18: ER70S-6

Copper coated, low carbon steel MIG wire specifically formulated for optimum performance under CO² and Argon/CO² mixed gases. Suitable for welding of mild and medium strength steels. It is ideal for positional welding of sheet steel and steel pipes/tubes where the relatively high silicon content promotes smooth even weld beads with excellent edge wetting and contour. Ask for data sheet WCD 6402.



PRECISION LAYER WOUND (PLW) SPOOLS

Precision layer wound spools are more suitable for automatic and robotic welding applications where equipment is less tolerant of feed irregularities.

Precision Layer Wound 300mm

Size	Wt	Part No
0.8mm	15kg	ES608SL
0.9mm	15kg	ES609SL
1.0mm	15kg	ES610SL
1.2mm	15kg	ES612SL

Normal Wound Spools 300mm

Size	Wt	Part No
0.6mm	15kg	ES606S
0.8mm	15kg	ES608S
0.9mm	15kg	ES609S
1.2mm	15kg	ES612S

Mini Spools 200mm

Size	Wt	Part No
0.6mm	5kg	ES606M
0.8mm	5kg	ES608M
0.9mm	5kg	ES609M

Blister Pack Spools 100mm

Size	Wt	Part No
0.6mm	0.9kg	ES606BP
0.8mm	0.9kg	ES608BP

Low Alloy Steels



AUSTMIG ESD2

Classification:

AS/NZS 2717.1:ESD2-GC-W559AH

AS/NZS 2717.1:ESD2-GM-W559AH

AWS A5.28:ER80S-D2

Copper coated, random wound low alloy wire used for welding medium to higher strength steels, particularly where service temperatures up to 500°C are encountered. Suitable for plain carbon and C-Mn steels, low alloy steels and higher strength steels as used in pressure vessels and boilers, etc.

Ask for data sheet WCD 6404 for more details

Size(mm)	Spool(kg)	Part No.
0.9	15 RW	ESD209S
1.2	15 RW	ESD212S

AUSTMIG NiCrMo

Classification:

AS/NZS 2717.1:ESMG-GM-W769AH

AWS A5.28:ER110S-G

Copper coated, low alloy solid wire suitable for all positional welding of high strength steels using Argon/CO² mixed gases. Used for full strength welding of quenched and tempered structural steels of 760 MPa tensile class, such as USS-T1, Welten 80, N-A-XTRA and Bisplate 80.

Ask for data sheet WCD 6435 for more details

Size(mm)	Spool(kg)	Part No.
0.9	15 PLW	MNICRMO09S
1.2	15 PLW	MNICRMO12S

Stainless Steel



AUSTMIG 308LSi

Classification:

AS 2717.3: ES308LSi
AWS A5.9: ER308LSi

Precision layer wound stainless steel welding wire depositing extra low carbon, 18Cr/10Ni type weld metal.

Recommended for welding 304 and 304L plates, forgings, pipes, castings and bars and for general purpose welding of other stabilised and non-stabilised 300 series stainless steels such as 302, 308 and 308L.

Ask for data sheet WCD 6408 for more details

Size(mm)	Spool(kg)	Part No.
0.8	15	M30808S
0.9	15	M30809S
1.2	15	M30812S

AUSTMIG 309LSi

Classification:

AS 2717.3: ES309LSi
AWS A5.9: ER309LSi

Precision layer wound stainless steel welding wire depositing 25Cr/13Ni type weld metal.

Recommended for welding 309, 309Mo and 309L base materials, also stainless steel to mild and low alloy steels, stainless steel overlays and other dissimilar ferrous metals.

Ask for data sheet WCD 6410 for more details

Size(mm)	Spool(kg)	Part No.
0.9	15	M30909S
1.2	15	M30912S
1.6	15	M30916S

AUSTMIG 316LSi

Classification:

AS 2717.3: ES316LSi
AWS A5.9: ER316LSi

Precision layer wound stainless steel welding wire depositing 19Cr/12Ni/2.5Mo type extra low carbon type weld metal.

For welding 316 and 316L plates, forgings, pipes, castings and bars in critical applications. Also suitable for general purpose welding of common stainless steels such as 301, 302, 304, 304L and ferritic stainless alloys such as 410 and 430.

Ask for data sheet WCD 6409 for more details

Size(mm)	Spool(kg)	Part No.
0.6	0.8	M31606BP
0.8	0.8	M31608BP
0.8	5	M31608M
0.8	15	M31608S
0.9	5	M31609M
0.9	15	M31609S
1.0	15	M31610S
1.2	15	M31612S
1.6	15	M31616S

Aluminium Alloys



AUSTMIG 5183

Classification: AS 27172:E5183 AWS A5.10:ER5183

Precision layer wound aluminium wire alloyed with Mg, Mn and Cr. Double shaved for superb feedability.

Recommended for welding 5083 type material in the annealed condition, particularly for low temperature applications where good ductility and toughness are required such as cryogenic plants, boat building, etc.

Ask for data sheet WCD 6415 for more details

Size(mm)	Spool(kg)	Part No.
1.2	6	M518312S
1.6	6	M518316S

AUSTMIG 4043

Classification: AS 27172:E4043 AWS A5.10: ER4043

Precision layer wound, Al/5%Si wire for welding of wrought aluminium alloys with up to 2% alloying additions, and aluminium alloy castings with up to 7% silicon.

Ask for data sheet WCD 6414 for more details

Size(mm)	Spool(kg)	Part No.
1.2	6	M404312S
1.6	6	M404316S



AUSTMIG 5356

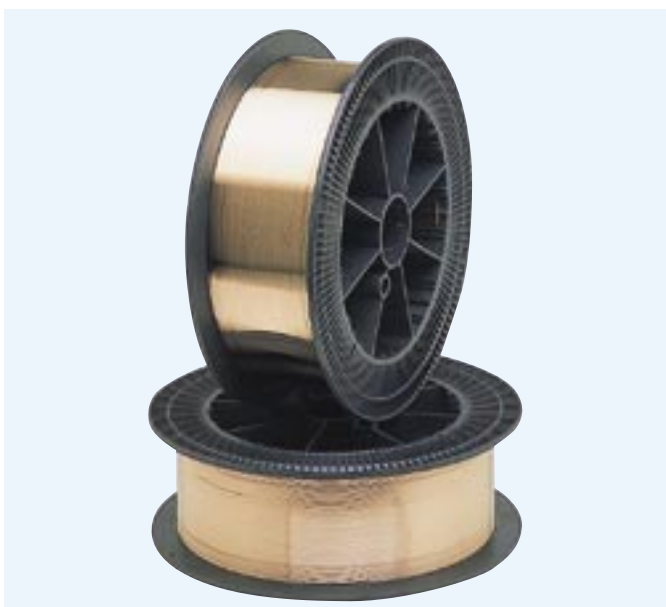
Classification: AS 27172:E5356 AWS A5.10:ER5356

Precision layer wound Al/5%Mg wire suitable for welding wrought or cast aluminium alloys containing magnesium as the major alloying element. Suitable for welding selected grades of wrought Al/Mg alloys including 5083, 5086, 5454 and 5456.

Ask for data sheet WCD 6413 for more details

Size(mm)	Spool(kg)	Part No.	Size(mm)	Spool(kg)	Part No.
0.8	0.5	M535608BP	1.0	2	M5356102KG
0.9	0.5	M535609BP	1.2	2	M5356122KG
0.9	2	M5356092KG	1.2	6	M535612S
0.9	6	M535609S	1.6	6	M535616S
1.0	6	M535610S			

Silicon Bronze



AUSTMIG SI BRONZE

Classification: AWS A5.7: ERCuSi-A

Copper based wire containing nominal 3% silicon together with small additions of tin and manganese. Used for welding of silicon bronze base metals such as Cusilman and Everdur.

For welding of hot water cylinders, calorifiers, heat exchangers and tube plates. Also suitable for some applications involving copper and Cu/Zn alloys.

Ask for data sheet WCD 6416 for more details

Size(mm)	Spool(kg)	Part No.
0.9	12.5	MSIBZ09S
1.2	12.5	MSIBZ12S

Fluxofil Hydrogen Controlled

THE FLUXOFIL ADVANTAGE

• SEAMLESS TUBE CONSTRUCTION • LOW HYDROGEN H₅ CLASS • COPPER COATING

Seamless construction ensures the integrity of the wire and flux, preventing moisture penetration which in turn ensures the low hydrogen (H₅) classification is maintained, & improves feeding of the wire through the drive rolls, liners and contact tips. Hydrogen is dissipated from the filled tube during high temperature annealing. The copper coating provides superior electrical conductivity, contact, feedability & shelf life.



FLUXOFIL 11Ni H₅

Classification: AS 2203.1: ETD-GCp-W502A.CM1 H₅ AWS A5.20: E70T-G

Rutile based, seamless flux cored wire used primarily with CO₂ shielding gas to produce porosity free weld deposits in the downhand welding position. For general purpose fillet and butt welding of mild and C-Mn steels. High deposition rates achieved in flat and horizontal positions for increased productivity. Applications include general purpose, medium & heavy shop fabrication of steel for road transport chassis, crane booms & girders, etc.

Ask for data sheet WCD 6701 for more details

Size(mm)	Spool(kg)	Part No.
1.6	15	11Ni16S

FLUXOFIL 20

Classification: AS 2203.1: ETP-GMp-W559A.Ni1 AWS A5.29: E81T1-Ni1

Rutile based, seamless flux cored wire for all positional fillet and butt welding applications using Argon/18-25% CO₂ shielding mixed gases. For welding C-Mn steels, fine grained structural and pipe steels. Also used in all positional welding applications requiring a higher strength weld deposit and/or good impact properties.

Ask for data sheet WCD 6703 for more details

Size(mm)	Spool(kg)	Part No.
1.2	15	2012S
1.6	15	2016S

FLUXOFIL M42 H₅

Classification: AS 2203.1: ETD-GMp-W769A.K4 H₅ AWS A5.29: E110TG-K4

Seamless metal cored low alloy wire depositing 0.5Cr/2Ni/0.5Mo type steel weld metal which combines 800 MPa class high strength level with excellent impact toughness to -50°C. Ideal for full strength welding of high tensile steels, in particular quenched and tempered types such as Bisplate 80, HY100, USST1 and Welten 80C.

Ask for data sheet WCD 6747 for more details

Size(mm)	Spool(kg)	Part No.
1.2	15	M4212S
1.6	15	M4216S

FLUXOFIL 14 H₅

Classification: AS 2203.1: ETP-GMp-W503A.CM1 H₅ AWS A5.20: E71T-1M

Rutile based, seamless flux cored wire for all positional fillet and butt welding applications using Argon/18-25% CO₂ shielding gases. For general construction and fabrication where good impact properties are required and components cannot be re-positioned for down-hand welding. Also recommended for semi or fully automatic seam or butt welding applications.

Ask for data sheet WCD 6702 for more details

Size(mm)	Spool(kg)	Part No.
1.2	15	1412S
1.6	15	1416S

FLUXOFIL 31 H₅

Classification: AS 2203.1: ETD-GCp-W504A.CM1 H₅ AS 2203.1: ETD-GMp-W504A.CM1 H₅
AWS A5.20: E70T-5J AWS A5.20: E70T-5MJ

Highly basic, seamless flux cored wire for use with either CO₂ or Argon/18-25% CO₂ shielding gas mixtures to produce high quality, notch tough weld deposits in all downhand positions. For welding of carbon, C-Mn and micro-alloyed steels used in construction of high integrity structures, such as ships, pressure vessels, offshore platforms and storage tanks, etc. Excellent impact properties are achieved to -40°C.

Ask for data sheet WCD 6704 for more details

Size(mm)	Spool(kg)	Part No.
1.6	15	3116S

Carbon & Low Alloy Steels

HOBART FORMULA XL 525

Classifications: AS/NZS 2203.1:ETP-GMp-W504A, CM1 H10
AWS A5.20, E71T-1M, E71T-12MJ

Formula XL 525 is a flux cored all-position wire that is designed for the welding of mild and carbon steels, especially when good impact toughness at subzero temperatures is required.

Ideal for single and multi-pass applications, it delivers outstanding welding performance and produces a high quality, X-ray clear weld deposit with a bead contour that is flat to slightly convex. It can be used over rust, mill scale and some primers with no pre-cleaning of the steel necessary. Formula XL 525 has outstanding mechanical properties that resemble those of E7018 SMAW electrodes, plus high-operator appeal with low fume levels, low spatter and easy slag removal.

Typical applications include shipbuilding, storage vessels, offshore structures, earthmoving equipment and piping.

Shielding gas:
75-82% Argon / 18-25% CO²

Ask for data sheet WCD 7016 for more details.

Size(mm)	Spool(kg)	Part No.
1.2	15	S283212-029
1.6	15	S283219-029



HOBART 71T

Classification: AWS A5.20: E71T-1

Hobart 71T is a gas shielded all positional rutile type flux cored joining wire.

Formulated exclusively for use with cost effective CO² shielding gas with a smooth controllable arc accompanied by low spatter losses.

The full covering fast freezing slag makes this electrode particularly versatile and produces a superb mitre fillet weld in all positions.

Hobart 71T is recommended for general purpose all positional welding of mild, carbon and carbon-manganese steels where excellent weld profile and penetration is required. Suitable for applications such as storage tanks, structural fabrication, machinery, truck chassis/bodies and earthmoving equipment etc

Ask for data sheet WCD 7006 for more details



Size(mm)	Spool(kg)	Part No.
1.2mm	15 kg	H8-071T0112-153
1.6mm	15 kg	H8-071T0116-153

Gasless Joining Wires

FABSHIELD 4

Classification: AWS A5.20: E70T-4

Very high deposition rate, self-shielding flux cored wire for downhand single or multi-pass welding applications. Specifically designed to desulphurise the weld deposit to reduce risk of weld cracking. Typical applications include on site field construction and repair of structural members and machinery.

Ask for data sheet WCD 6713 for more details

Size(mm)	Spool(kg)	Part No.
2.4	22.7	HO424C

FABSHIELD 21B

Classification: AS 2203.1: ETP-GNn-W500A.CM2 H₁₅ AWS A5.20: E71T-11

Self shielding flux cored wire used for all positional welding of galvanised and mild steels. For on site welding applications including farm and rural fabrication, fences, frames and sheds, etc. Other uses include prefabricated steel frame construction, galvanised tank fabrication, repair of trucks, tractors and earth moving equipment.

Ask for data sheet WCD 6711 for more details

Size(mm)	Spool(kg)	Part No.
1.2	4.5	HO21B12M
1.2	15	HO21B12S
1.6	15	HO21B16S
2.0	15	HO21B20S



FABSHIELD 23

Classification: AWS A5.20: E71T-GS

Fabshield 23 is a general purpose, all positional self-shielding flux cored wire. It's especially suited for single pass fillet and lap welds on thin-gauge mild or galvanised steels.

Outstanding weld performance when welding outdoors in windy conditions, this all positional wire also provides very low spatter levels with a smooth spray arc type transfer with a good wetting-in action.

Perfect for on site applications such as mild/galvanised gates, fences, frames, sheds, prefab building fabrications, ornamental ironwork, general fabrications, etc.

Size(mm)	Spool(kg)	Part No.
0.8	4.5	S222106-022
0.9	4.5	S222108-022
0.9	15	S222108-029



FABSHIELD 7027

Classification: AS 2203.1: ETD-GNn-W500A.CM2 AWS A5.20: E70T-7

Self-shielding tubular wire designed for high deposition and high travel speed that is characterised by fast freezing slag. Can be used for single or multiple pass fillet welds, lap joints, or deep groove welds on structural steel applications.

Ask for data sheet WCD 6730 for more details

Size(mm)	Spool(kg)	Part No.
2.4	22.7	HO702724C

Gas Shielded Flux Cored Hard Surfacing



TUBE-ALLOY 240-0

Classification: AS/NZS 2576: 2350-B7

Chromium carbide surfacing alloy. Can be used on components subject to severe abrasive wear and heavy impact. Tougher than conventional chromium carbide. Applications include final overlays on roll crusher rolls, final overlays on hammermill hammers, cone crushers, shovel teeth and augers.

Ask for data sheet WCD 6802 for more details

Size(mm)	Spool(kg)	Part No.
1.2	11.3	MK24012S

TUBE-ALLOY 258-0

Classification: AS/NZS 2576: 1550-B7

Premium martensitic alloy designed for surfacing on mild and low alloy steel parts. Applications include machine components, tools and sliding metal parts.

Ask for data sheet WCD 6808 for more details

Size(mm)	Spool(kg)	Part No.
1.2	11.3	MK258012S
1.6	11.3	MK258016S

VERTIWEAR 600

Classification: AS/NZS 2576: 1855-B5

Gas shielded, all position, hard surfacing flux cored wire depositing a multi-purpose martensitic steel alloy. Can be used to hard surface mild and low alloy steel components subject to moderate abrasion coupled with medium to high impact. It also exhibit excellent compressive strength and metal to metal wear resistance. Recommended shielding gas is 75% Argon - 25% CO². Typical application include ripper teeth and dozer blades.

Ask for data sheet WCD 6808 for more details

Size(mm)	Spool(kg)	Part No.
1.2	11.3	MKV60012S

TUBE-ALLOY A43-0

Classification: AS/NZS 2576: 2460-B7

Premium self shielding wire depositing a high Cr/Nb surfacing alloy which resist severe high and low stress abrasion and low to moderate impact. The weld deposit will check crack readily and can be used where high temperature wear resistance is required.

Ask for data sheet WCD 6806 for more details

Size(mm)	Spool(kg)	Part No.
1.6	11.3	MKA43016S

Gas Shielded Solid Hard Surfacing



AUSTMIG TD600

Classification: AS/NZS 2576: 1855-B6

Solid, copper coated, chromium alloy welding wire depositing weld metal with a hardness of nominal 55-60 HRC featuring high resistance to severe abrasion and impact. Deposit is non-machinable but can be shaped by grinding. Typical applications include excavator blades, bucket lips, teeth, crushing mills, screw conveyors, shear blades, etc.

Ask for data sheet WCD 6438 for more details

Size(mm)	Spool(kg)	Part No.
1.2	15	MTD60012S

Sub Arc Wires



AUSTMATIC S1

Classification: AS 1858.1: EL12 AWS A5.17: EL12

Copper coated solid steel wire with nominal 0.5Mn suitable for a wide range of fillet and butt welding, and hard surfacing applications. Very low in deoxidants and must be used with a contributory flux such as Austmatic OP181. For details of typical all weld metal mechanical properties ask for product data sheet referring to flux in use.

Ask for data sheet WCD 6601 for more details

Size(mm)	Spool(kg)	Part No.	3.2	25	S132C
2.0	25	S120C	4.0	25	S140C

AUSTMATIC S2

Classification: AS 1858.1: EM12K AWS A5.17: EM12K

Copper coated solid steel wire with nominal 1.2Mn/0.25Si suitable for a wide range of general purpose and structural welding applications. A silicon killed wire suitable for use with OP181 flux producing weld deposits with improved tolerance to rust and mill scale. Higher tensile strengths than obtained with Austmatic S1 wire.

Ask for data sheet WCD 6602 for more details

Size(mm)	Spool(kg)	Part No.	3.2	25	S232C
2.0	25	S220C	4.0	25	S240C
2.4	25	S224C			

AUSTMATIC SD3

Classification: AS 1858.2: EMH12K AWS A5.23: EG

Copper coated high manganese steel wire for use with fully basic Austmatic OP121TT flux to produce high quality, notch tough weld deposits. Typical applications include high heat input multipass welding of high integrity structures such as offshore platforms, pressure vessels and hydroelectric penstocks.

Ask for data sheet WCD 6603 for more details

Size(mm)	Spool(kg)	Part No.	3.2	25	SD3172532C
4.0	25	SD3172540C			

Sub Arc Fluxes



OERLIKON OP121TT

Classification: AWS A5.23:F7A8-EG-G AS 1858.1 S2/OP181: EL12K-FGH-W503A

Agglomerated highly basic flux for use with AC or DC current up to 1000 Amps per wire. Recommended for use with Austmatic SD3 in critical welding of pressure vessels, hydro-electric penstocks, offshore platforms and other high integrity structures subject to arduous or hostile service conditions.

Pack	Weight	Part No.	Ask for data sheet WCD 6608 for more details
Bag	40kg	OP121TTB	

OERLIKON OP181

Classification: AWS A5.17: F7A2- EM12K AS 1858.1 S2/OP181: EL12K-FGH-W503A

Versatile general purpose flux suited to fast fillet welding and multipass butt welding of steels up to 25mm thick. Cost effective welding with Austmatic S1 and S2 wires. Applications include single and multipass welding of structural steels and, in particular, high speed fillet welding.

Pack	Weight	Part No.	Ask for data sheet WCD 6605 for more details
Bag	40kg	OP181B	



VORARC SUBTEC BAB

Classification: AS 1858.1: S1/BAB EL12-FMM-W403A AS 1858.1 S2/BAB EL12K-FMM-W503A

Semi basic flux suitable for single and multiple pass welding with Austmatic S1 & S2 wires. Good operating characteristics and slag detachment. Good impact values are achieved when used with Austmatic S1 or S2 wires.

Pack	Weight	Part no.	Ask for data sheet WCD 7008 for more details
Bag	25 kg	BAB-25	

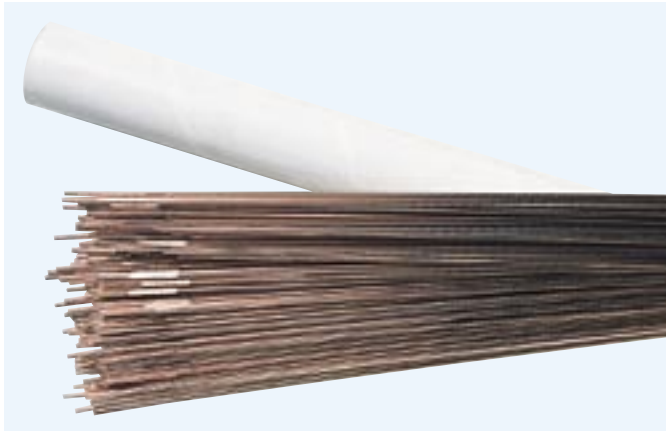
VORARC SUBTEC BFB-M

Classification: S1/BFB-M Cladding AS 1858.1 S2/BFB-M EM12K-FBL-W403A AS 1858.1 SD3/BFB-M ESG-FBL-W505A

An agglomerated fluoride-basic flux suitable for a wide variety of joining and build-up applications requiring good slag detachment in multi-pass welding. Applications include use as a joining flux for solid 300 series stainless steel and cladding with 400 series stainless steel (except 414). Excellent impact values are produced when used with Austmatic SD3 wire.

Pack	Weight	Part no.	Ask for data sheet WCD 6623 for more details
Bag	25 kg	BFB-M25	

Carbon Steel



AUSTROD 70S-2

Classification: AS 1167.2: R2
AWS A5.18: ER70S-2

Copper coated, triple deoxidised filler rod ideal for high quality TIG welding of killed, semi-killed and rimmed steels. Particularly suitable for root pass welding of pipe and pressure vessel steels, and is recommended for welding of heavily mill scaled or rusty plate.

Ask for data sheet WCD 6331 for more details

Size(mm)	Pack(kg)	Part No.
1.6	5	TG70S216
2.4	5	TG70S225

AUSTROD 70S-6

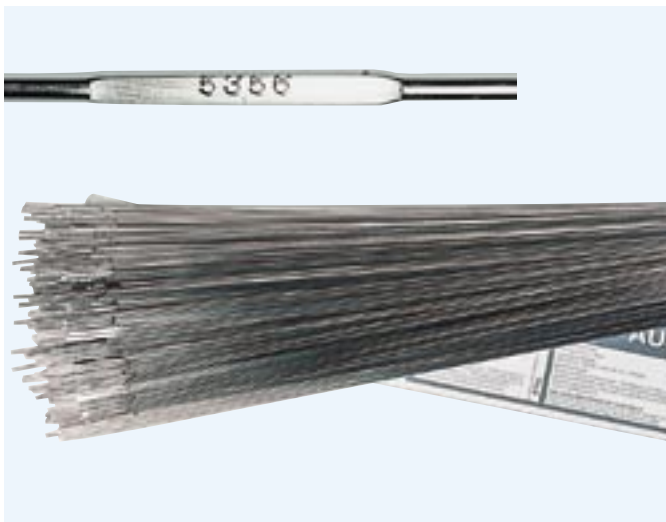
Classification: AS 1167.2: R6
AWS A5.18: ER70S-6

Copper coated, double deoxidised filler rod for TIG welding of killed, semi-killed and rimmed steels. Particularly suitable for root pass welding of pipe and pressure vessel steels. Argon shielding gas is recommended.

Ask for data sheet WCD 6330 for more details

Size(mm)	Pack(kg)	Part No.
1.6	5	PZ650016
2.4	5	PZ650024

Aluminium



AUSTROD 4043

Classification: AS 1167.2: R4043
AWS A5.10: ER4043

Al/5Si filler rod recommended for fusion welding of aluminium alloy castings except those containing zinc or magnesium as the main alloy addition. Suitable for welding wrought aluminium alloys. Applications include repair of blow or sand holes and surface defects in castings such as carburettor inlet manifolds, V8 valley covers, cylinder heads and pump housings, etc.

Ask for data sheet WCD 6309 for more details

Size(mm)	Pack(kg)	Part No.
2.4	2.5	T404324
3.2	2.5	T404332

AUSTROD 5356

Classification: AS 1167.2: R5356
AWS A5.10: ER5356

Al/5Mg filler rod recommended for fusion welding of various 5XXX/7XXX series wrought and cast aluminium alloys as used in the manufacture of aluminium boats, truck fuel tanks, and thin sheet, pipe and tube fabrications.

Ask for data sheet WCD 6308 for more details

Size(mm)	Pack(kg)	Part No.
1.6	2.5	T535616
2.4	2.5	T535624
3.2	2.5	T535632

Stainless Steel

AUSTROD 308L

Classification: AS 1167.2: R308L AWS A5.9: ER308L

Low carbon 19Cr/10Ni type filler rod recommended for TIG and oxy-acetylene welding of 304 and 304L stainless steels. Applications include welding of stainless steels of similar composition in dairies, power, chemical and fertiliser plants, etc. where relatively mild corrosive attack can be expected.

Size(mm)	Pack(kg)	Part No.
1.6	5	T30816
2.4	5	T30824

Ask for data sheet WCD 6305 for more details



AUSTROD 309L

Classification: AS 1167.2: R309L
AWS A5.9: ER309L

Low carbon 24Cr/13Ni type filler rod recommended for TIG and oxy-acetylene welding of 309 and 309L stainless steels. Also suitable for joining dissimilar steels such as stainless steel to mild or low alloy steels and for stainless surfacing of mild steel, carbon and low alloy steels.

Ask for data sheet WCD 6306 for more details

Size(mm)	Pack(kg)	Part No.
1.6	5	T30916
2.4	5	T30924

AUSTROD 316L

Classification: AS 1167.2: R316L
AWS A5.9: ER316L

Low carbon 19Cr/12Ni/2.5Mo type filler rod recommended for TIG or oxy-acetylene welding of 316 and 316L stainless steels. Recommended for general purpose welding of common 300 series stainless steels such as 302, 304 and 304L and ferritic stainless alloys including 410 & 430.

Ask for data sheet WCD 7017 for more details

Size(mm)	Pack(kg)	Part No.
1.6	5	T31616
2.4	5	T31624
3.2	5	T31632

Gas Welding Rods



AUSTROD MILD STEEL

Classification: AS 1167.2: RG AWS A5.2: R45

Low carbon steel filler rod suitable for fusion welding of mild and low carbon steels and wrought irons. For butt or fillet welding applications such as vehicle body and exhaust repairs, steel furniture, pipe, tubing, etc.

Size(mm)	Pack(kg)	Part No.	Ask for data sheet WCD 6301 for more details
1.6	5	OMS16	
2.4	5	OMS24	
3.2	5	OMS32	



AUSTROD MANGANESE BRONZE (BARE)

Classification: AS 1167.1/2: RCuZn-C AWS A5.8: RBCuZn-C

Bare, Cu-Zn filler rod for braze welding. For optimum results should be used with Austflux Universal Copper-Brass & Bronzing Flux and a neutral or slightly oxidising flame. Recommended for braze welding of steels, malleable irons and cast irons.

Size(mm)	Pack(kg)	Part No.	Ask for data sheet WCD 6310 for more details
2.4	1	OMNBZ24	
3.2	1	OMNBZ32	



AUSTROD TOBIN BRONZE (BARE)

Classification: AS 1167.1/2: RCuZn-A AWS A5.8: RBCuZn-A

Bare, Cu-Zn filler rod for superior fusion and braze welding of Cu-Zn alloys. Lower strength deposit is also preferred for braze welding of copper and its alloys. Also suitable for non-critical applications on low carbon and mild steels, such as filling of car body panels, etc.

Size(mm)	Pack(kg)	Part No.	Ask for data sheet WCD 6311 for more details
2.4	1	OTOBZ24	
3.2	1	OTOBZ32	



AUSTROD NICKEL BRONZE (BARE)

Classification: AS 1167.1/2: RCuZn-D AWS A5.8: RBCuZn-D

Bare, nickel bearing Cu-Zn filler rod suitable for brazing nickel based alloys. Recommended for fusion welding of similar Cu-Zn alloys and braze welding of steel, iron and cast iron. High weld strength and wear resistance make it suitable for build-up and surfacing applications including gear teeth, valve seats, shafts and many bearing surfaces.

Size(mm)	Pack(kg)	Part No.	Ask for data sheet WCD 6312 for more details
2.4	1	ONIBZ24	
3.2	1	ONIBZ32	

Gas Welding & Brazing Flux



AUSTFLUX UNIVERSAL COPPER, BRASS AND BRONZING FLUX

All purpose powdered flux recommended for use with Austrod Manganese Bronze, Austrod Nickel Bronze and Austrod Tobin Bronze bare filler rods, to aid flow and control of molten pool and to promote deposition of a sound tinning layer on joint faces to be braze welded.

350gm	Jar	Part No. FLCBJ	Ask for data sheet WCD 6316 for more details
-------	-----	----------------	--

AUSTFLUX UNIVERSAL SILVER BRAZING FLUX

Versatile medium temperature flux for silver brazing with a range of silver brazing alloy filler rods, such as Austrod SBA234, SBA105 and SBA115. Applications include brazing of carbon and stainless steels, nickel alloys, copper, brass and precious metals.

250gm	Jar	Part No. FLSB2J	Ask for data sheet WCD 6317 for more details
-------	-----	-----------------	--

Flux Coated Gas Welding Rods



AUSTROD MANGANESE BRONZE (FLUX COATED)

Classification: AS 1167.1/2: RCuZn-C AWS A5.8: RBCuZn-C

Flux coated, Cu-Zn filler rod for braze welding. Robust flux coating gives improved flow and control of molten pool without need for an external fluxing agent. Recommended for braze welding of steels, malleable irons and cast irons. Also suitable for fusion welding and braze welding of Cu-Zn alloys.

Ask for data sheet WCD 6313 for more details

Size(mm)	Pack(kg)	Part No.	2.4	1	OMNBZFC24
1.6	Blister Pack	OMNBZFC16BP	3.2	1	OMNBZFC32
2.4	Blister Pack	OMNBZFC24BP			



AUSTROD TOBIN BRONZE (FLUX COATED)

Classification: AS 1167.1/2: RCuZn-A AWS A5.8: RBCuZn-A

Flux coated, Cu-Zn filler rod recommended for fusion and braze welding of Cu-Zn alloys. Robust flux coating gives improved flow and control of molten pool without need to apply an external fluxing agent. Lower strength deposit of is also preferred for braze welding of copper and its alloys. Also suitable for non-critical applications on low carbon and mild steels, such as filling of car body panels, etc.

Ask for data sheet WCD 6314 for more detail

Size(mm)	Pack(kg)	Part No.	2.4	1	OTOBZFC24
1.6	Blister Pack	OTOBZFC16BP	3.2	1	OTOBZFC32
2.4	Blister Pack	OTOBZFC24BP			



AUSTROD NICKEL BRONZE (FLUX COATED)

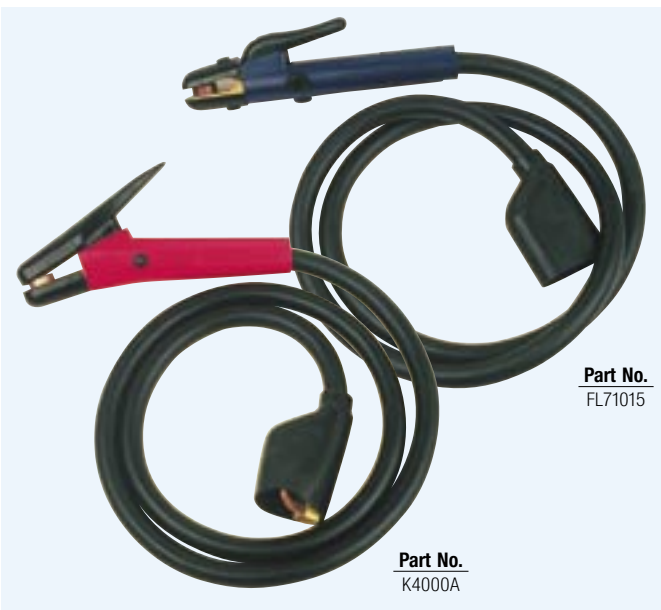
Classification: AS 1167.1/2: RCuZn-A AWS A5.8: RBCuZn-A

A premium brazing alloy for the high strength braze welding of steels, cast and malleable iron. Superior wear resistance makes it ideal for build up of worn components. It is the ideal maintenance brazing alloy. Flux coated for cost efficient 'self fluxing' convenience, and instant identification with a red flux colour.

Ask for data sheet WCD 6339 for more details

Size(mm)	Pack(kg)	Part No.
1.6	1	ONIBZFC16BP
2.4	1	ONIBZFC24BP

Air Arc Gouging



Part No.
FL71015

Part No.
K4000A

AIR ARC GOUGING TORCH

For gouging, cutting and piercing of metal using Carbon Arc Air process. Use with any constant current power source of appropriate rating. Suitable for 5-10mm carbons.



GOUGING CARBONS

Copper coated carbon electrodes designed for cutting and gouging with AC or DC current providing very high efficiency at low consumption. Applications include removal of weld defects and residual casting material and defects, and cutting stainless steel, bronze, copper, etc.

DC CARBONS

Size(mm)	Pack	Part No.
5.0 x 305	100	DCGC50
6.5 x 305	50	DCGC65
8.0 x 305	50	DCGC80
9.5 x 305	50	DCGC95
13.0 x 355	50	DCGC130

DC CARBONS (JOINTED)

Size(mm)	Pack	Part No.
16.0 x 430	25	DCGC16JL

AC CARBONS

Size(mm)	Pack	Part No.
6.5 x 305	50	ACGC65
8.0 x 305	50	ACGC80

Electrodes & MIG Wires



BLISTER PACK ELECTRODES

Part No. BLISKIT

Start up kit of 1 carton of 6 blister packs of each electrode type, point-of-sale header card, display hooks, and leaflets with holder.

Product	Part No.
1 Carton of 6 individual blister packs of Austarc 12P (10 x 2.5mm + 5 x 3.2mm)	12PBPCAR
1 Carton of 6 individual blister packs of Austarc 13S (10 x 2.5mm + 5 x 3.2mm)	13SBPCAR
1 Carton of 6 individual blister packs of Austarc 16TC (10 x 2.5mm + 5 x 3.2mm)	16TCBPCAR
1 Carton of 6 individual blister packs of Unicord 312 (10 x 2.5mm + 5 x 3.2mm)	UC312BPCAR
1 Carton of 6 individual blister packs of Staincrod 316 (10 x 2.5mm + 5 x 3.2mm)	SC316BPCAR
1 Carton of 6 individual blister packs of Supercast NiFe (10 x 3.2mm)	SNIFEBPCAR
1 Carton of 6 individual blister packs of Abrasocord 700 (10 x 3.2mm)	HF700BPCAR



MINIPACK ELECTRODES

Product	Part No.
0.5 kg minipack of Austarc 12P 2.0mm	12P20M
1kg minipack of Austarc 12P 2.5mm	12P25M
1kg minipack of Austarc 12P 3.2mm	12P32M
0.5 kg minipack of Austarc 13S 2.0mm	13S20M
1kg minipack of Austarc 13S 2.5mm	13S25M
1kg minipack of Austarc 13S 3.2mm	13S32M
1kg minipack of Austarc 16TC 2.5mm	16TC25M
1kg minipack of Austarc 16TC 3.2mm	16TC32M
0.5 kg minipack of Unicord 312 2.5mm	UC31225M
0.5 kg minipack of Unicord 312 3.2mm	UC31232M
0.5 kg minipack of Staincrod 316 2.0mm	SC31620M
0.5 kg minipack of Staincrod 316 2.5mm	SC31625M
0.5 kg minipack of Staincrod 316 3.2mm	SC31632M
0.5 kg minipack of Supercast NiFe 3.2mm	SNIFE32M
0.5 kg minipack of Abrasocord 700 3.2mm	HF70032M



BLISTER PACKED MIG WIRES

Part No. MIGBLISKIT

Start up kit containing 2 spools of each type and size of wire & point-of-sale header card.

MILD STEEL	Part No.
0.9kg spool of 0.6mm Austmig ES6 wire	ES606BP
0.9kg spool of 0.8mm Austmig Es6 wire	ES608BP
GASLESS	Part No.
0.9kg spool of 0.8mm gasless wire	H021B08BP
0.9kg spool of 0.9mm gasless wire	H021B09BP
ALUMINIUM	Part No.
0.5kg spool of 0.8mm Austmig 5356 wire	M535608BP
0.5kg spool of 0.9mm Austmig 5356 wire	M535609BP
STAINLESS STEEL	Part No.
0.8kg spool of 0.6mm Austmig 316 wire	M31606BP
0.8kg spool of 0.8mm Austmig 316 wire	M31608BP

AC Arc Machines



UTILITY AC12

Part No. UTAC12-0

120 amp arc welder for the handy-person looking to buy a welder, but without the high price-tag. Light-weight, compact and with fitted welding leads, the Utility AC12 is easily stored when not in use. Welding current is fully adjustable over the whole output range, suits both 2.5 and 3.2mm electrodes. 10 amp primary plug fits standard domestic power outlets. Supply Authority Approval No. S/221/UTAC12, to Aust. Standards.

- SUITS 2.5 & 3.2mm ELECTRODES
- INCLUDES MASK & CHIPPING HAMMER
- OVERLOAD PROTECTED
- 10 AMP PLUG

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	7 Amps	38 Amps	6.0 kVA	10 Amps	32 Amp, 21 Volt 25% duty cycle	70 - 120 Amps	2.5mm - 3.2mm	17 kg



UTILITY AC13

Part No. UTAC13-0

130 amp arc welder for the serious hobbyist or light trade use. The Utility AC13 has a wide output current range suiting electrodes from 2.0 to 3.2mm. Fan cooling means higher duty-cycle and quicker recovery. Suitable for use with engine-driven generators. Supply Authority Approval No. S/221/UTAC13, to Aust. Standards.

- FAN COOLED
- INCLUDES MASK & CHIPPING HAMMER
- QUICK CONNECT WELDING LEADS
- 10 AMP PLUG

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	10 Amps	36 Amps	6.5 kVA	10 Amps	84 Amp, 23 Volt 25% duty cycle	50 - 130 Amps	2.0mm, 2.5mm, 3.2mm	20 kg



UTILITY AC15

Part No. UTAC15T-0

With the capacity to run up to 4.0mm electrodes and a second output terminal for 'special purpose' electrodes, the Utility AC15 is a valuable tool in any workshop. 150 amp capacity, suitable for running general purpose mild steel, stainless steel, low hydrogen and hardfacing electrodes. Fan cooled and overload protected. Supply Authority Approval No. S/221/UTAC15T, to Aust. Standards.

- TWIN OUTPUT RANGES
- RUNS UP TO 4.0mm ELECTRODES
- QUICK CONNECT WELDING LEADS
- INCLUDES MASK & CHIPPING HAMMER

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	11 Amps	49 Amps	9.0 kVA	15 Amps	100 Amp, 24 Volt 25% duty cycle	45 - 150 Amps	2.0mm, 2.5mm, 3.2mm, 4.0mm	26 kg



MILLER THUNDERBOLT XL300 AC

Part No. MR903685

Portable, light industrial AC manual arc welder with infinite amperage control over two wide ranges, Hi and Low. Suitable for welding carbon and stainless steel, maintenance, repairs and farm application. For use with 2.0 to 4.0 mm electrodes on low range and 2.5mm to 5.0mm electrodes on high range. Package includes 4.6m electrode cable and 3m work lead with clamp and 3m power cable

Ask for brochure for more details

Optional accessories: Part No.
 Reversible trolley with handle MR043927
 32 amp 415 volt primary plug CLI56P432

Primary Voltage	Input Power	Open Circuit Voltage	Rated Output	Welding Current Range	Dimensions Height Width Depth	Shipping Weight
240/415 Volt	Refer to leaflet AC/2.0	80 Volt	300 Amps @ 20%	40 - 300 Amps	476mm 323mm 445mm	47 kg

Induro Series - DC Arc & TIG Machines



INDURO VRD10

Part No. MC102-0

Manual arc & TIG welder designed for use in hazardous environments such as mines, repair and maintenance and construction sites where VRD and 10 Amp installations are a requirement. Portable, lightweight (4.8kg) & easy to use with Voltage Reduction Device safety designed-in. Made in Australia.

- WIA RELIABILITY
- VRD SAFETY DESIGNED-IN
- HOT START FOR BETTER MANUAL ARC ELECTRODE STARTING
- PULSED TIG WELDING
- LIFT-ARC TIG STARTING REDUCES TUNGSTEN DAMAGE
- POWER EFFICIENT "SLEEP" MODE
- RUNS 2.0 - 3.2mm ELECTRODES
- FLEXIBLE POLYMER CASE TO ENDURE THE KNOCKS OF INDUSTRIAL USE
- TESTED & CERTIFIED TO BE FULLY EMC COMPLIANT
- OVERLOAD PROTECTION

Primary Voltage	Rated Primary Current	Max. Primary Current	Supply Plug	Rated Output	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac 50Hz	10 Amps	24.5 Amps	10 Amp	125 Amps @ 25.0 V 20% duty cycle	5 - 125 Amps	2.0mm - 3.2mm	4.8 kg



INDURO 145

Part No. MC100-0

145 amp manual arc & TIG welder for trades and the handy person. Portable, lightweight (4.8kg) & easy to use with Voltage Reduction Device safety built-in. Made in Australia.

- WIA RELIABILITY
- VRD SAFETY DESIGNED-IN
- PULSED TIG WELDING
- POWER EFFICIENT "SLEEP" MODE
- 2.0 - 3.2mm ELECTRODES
- FLEXIBLE POLYMER CASE TO ENDURE THE KNOCKS OF INDUSTRIAL USE
- TESTED & CERTIFIED TO BE FULLY EMC COMPLIANT
- OVERLOAD PROTECTION
- HOT START FOR BETTER ELECTRODE STARTING

Primary Voltage	Rated Primary Current	Max. Primary Current	Supply Plug	Rated Output	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac 50Hz	16.5 Amps	28 Amps	15 Amp	145 Amps @ 25.8 V 35% duty cycle	5 - 145 Amps	2.0mm - 3.2mm	4.8 kg



INDURO 165

Part No. MC101-0

165 amp TIG & manual arc welder with features and flexibility to suit the welding professional. Portable, lightweight (4.8kg) & easy to use with Voltage Reduction Device safety built-in. Made in Australia.

- WIA RELIABILITY
- VRD SAFETY DESIGNED-IN
- VARIABLE PULSED TIG WELDING MODE
- POWER EFFICIENT "SLEEP" MODE
- 2.0 - 4.0mm ELECTRODES
- FLEXIBLE POLYMER CASE TO ENDURE THE KNOCKS OF INDUSTRIAL USE
- TESTED & CERTIFIED TO BE FULLY EMC COMPLIANT
- OVERLOAD PROTECTION
- HOT START FOR BETTER ELECTRODE STARTING

Primary Voltage	Rated Primary Current	Max. Primary Current	Supply Plug	Rated Output	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac 50Hz	20.5 Amps	32.5 Amps	20 Amp	165 Amps @ 26.6 V 40% duty cycle	5 - 165 Amps	2.0mm - 4.0mm	4.8 kg

AC/DC Arc & TIG Machines



SYNCROWAVE 250DX

Part No. MR 903759

Electronically controlled high performance AC/DC constant current power source for high precision TIG and Manual Arc welding with the flexibility to handle a wide variety of metals. Featuring square-wave AC output with AC balance control, last procedure recall, digital meters, and built-in preflow timer (0 – 4 sec). Efficient & adaptable, the Syncrowave 250DX is a great choice for fabrication shops as well as vocational training facilities.

A spectrum of available options allows you to start simple and add features as you need them.

Ask for data sheet AD/4.2 for more details

Base Options:	Part No.
30 Amp primary lead	FLEX303
32 Amp primary plug	CLI56P432
Cool runner 3X 115v	MR043994011
Pulser module	MR194694
Running gear – No. 32	MR194997
Sequencer module	MR043897

Primary Voltage	Input Power	Open Circuit Voltage	Rated Output	Welding Current Range	Dimensions			Shipping Weight
					Height	Width	Depth	
380/415 Volt	Refer to leaflet AD/4.2	80 Volt	225 Amps @ 40%	5 - 310 Amps	864mm	572mm	635mm	185 kg



SYNCROWAVE 350LX

Part No. MR903515 (Standard Model)

Part No. MR903515-01-1 (Full Feature Model)

Electronically controlled AC/DC constant current power source for premium quality TIG and Manual Arc welding. Featuring square-wave AC output and adjustable polarity balance, internal HF arc starter or lift arc, post gas timer and individual digital Amp & Volt meters. Pulser, pre and post flow standard. The full feature comes complete with the TIG sequence option which includes crater fill control.

Ask for data sheet AD/4.3 for more details

Base options:	Part No.	Optional accessories:	Part No.
40 Amp primary lead (per metre)	FLEX403	Running gear - No. 32	MR194997
50 Amp primary plug	CLI56P450	Argon regulator & flow gauge	WGAC24
		Cool runner 3X 115v	MR043994011

Primary Voltage	Input Power	Open Circuit Voltage	Rated Output	Welding Current Range	Dimensions			Shipping Weight
					Height	Width	Depth	
380/415 Volt	Refer to leaflet AD/4.3	80 Volt	350 Amps @ 40%	3 - 400 Amps	962mm	581mm	641mm	250 kg



DYNASTY 300DX

Part No. MR903834012

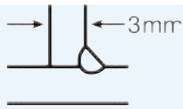
400 Volts, three phase

Advanced inverter type AC/DC welding power source. For AC/DC TIG and pulsed TIG and Manual Arc welding. HF and lift arc starting for TIG, and adjustable hot start for TIG and Manual Arc. Unique fan-on-demand and dual digital meters. Suitable for a wide range of industrial applications, from precision sheet metal to pipe and pressure vessel fabrication.

Ask for data sheet AD/4.2 for more details

Primary Voltage	Input Power	Open Circuit Voltage	Rated Output	Welding Current Range	Dimensions			Shipping Weight
					Height	Width	Depth	
415 Volt	Refer to leaflet AC/5.0	95 Volt DC	250 Amps @ 40%	5 - 300 Amps	432mm	318mm	610mm	45 kg

Single Phase MIG Machines



UTILITY CV13

Part No. UTCV13-0

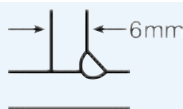
Here is an ideal portable MIG machine for the home handy-person or hobbyist. With good arc stability at welding currents down to 40 amps, the Utility CV13 can be used to weld thin sheetmetal such as car body panels. At maximum setting, fillet weld up to 3mm steel using solid or self shielding flux-cored wire.

10 Amp primary plug means the CV13 can be powered from any standard 240 V outlet. Package includes fitted gun, work lead and mobile kit.

Supply Authority Approval No. S/221/UTCV13

- GAS / GASLESS
- SUITS 1 & 5 KG SPOOLS
- 6 VOLTAGE SETTINGS
- MOBILE MOUNTED

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	10 Amps	15 Amps	5.5 kVA	10 Amps	100 Amp, 19 Volt 25% duty cycle	40 - 105 Amps	0.6 - 0.8mm Solid 0.8 - 0.9mm Cored	28 kg



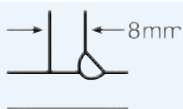
WELDMATIC 150s

Part No. CP104-0

A rugged and powerful single phase MIG welder for home, trades or light industrial applications. The Weldmatic 150s has all the output volts needed to weld at genuine 150 amps and get a quality result, with solid and self shielding wires. Fillet weld up to 6mm steel in a single pass, welds aluminium too! Package includes Bernard gun, leads and gas regulator.

- GAS / GASLESS
- SUITS 1 & 5 KG SPOOLS
- 8 VOLTAGE SETTINGS
- EURO-FIT GUN
- MADE IN AUSTRALIA

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	12 Amps	28 Amps	6.7 kVA	15 Amps	135A, 20.8V, 25% duty 67A, 18V, 100% duty	35 - 150 Amps	0.6 - 0.9mm Solid 0.8 - 1.2mm Cored	38 kg



WELDMATIC 175s

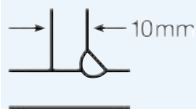
Part No. CP110-0

Genuine 175 amps of pure welding grunt. Fillet weld up to 8mm steel in a single pass! The Weldmatic 175s is mobile mounted, and accepts gas cylinders up to 'E' size, or can be used with gasless wires. This compact single phase MIG out-guns some of the big-boys, but is easily transported in a car boot. Ideal for home workshops, light manufacturing and hire fleets. Package includes Bernard gun, leads and gas regulator.

- GAS / GASLESS
- SUITS 1 & 5 KG SPOOLS
- 9 VOLTAGE SETTINGS
- MOBILE MOUNTED
- MADE IN AUSTRALIA

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	12 Amps	30 Amps	7.2 kVA	15 Amps	175A, 22.8V, 16% duty 67A, 18V, 100% duty	35 - 175 Amps	0.6 - 0.9mm Solid 0.8 - 1.2mm Cored	45 kg

Single Phase MIG Machines



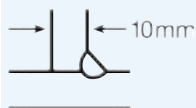
WELDMATIC 215s COMPACT WELDER

Part No. CP109-0

Genuine 215 amp MIG welder with super smooth and excellent welding characteristics. Fillet weld up to 10mm steel in a single pass. Remarkable low spatter performance from a 240v 15amp single phase machine. The Weldmatic 215s is 'circuit breaker friendly', with advanced control circuitry which limits the high in-rush current at arc initiation. The Weldmatic 215s is also 'short circuit proof', powering down if the gun shorts to the work piece. The machine is supplied with an internal wirefeeder, genuine Bernard gun cable, leads and gas regulator.

- SUPER SMOOTH WELDING
- CIRCUIT BREAKER FRIENDLY
- GAS SHIELDED & GASLESS WIRES
- 9 VOLTAGE SETTINGS
- SUITS 5kg & 15kg SPOOLS
- MADE IN AUSTRALIA

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (10min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	16 Amps	42 Amps	10.1 kVA	15 Amps	215A, 24.8V, 15% duty 90A, 18.5V, 100% duty	45 - 215 Amps	0.6 - 1.2mm Solid 0.8 - 1.2mm Cored	75 kg



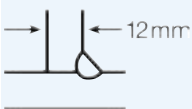
WELDMATIC 215s SEPARATE WIREFEEDER

Part No. CP109-1

Genuine 215 amp MIG welder with super smooth and excellent welding characteristics. Fillet weld up to 10mm steel in a single pass. Remarkable low spatter performance from a 240v 15amp single phase machine. The Weldmatic 215s is 'circuit breaker friendly', with advanced control circuitry which limits the high in-rush current at arc initiation. The Weldmatic 215s is also 'short circuit proof', powering down if the gun shorts to the work piece. With all of the features of the internal wirefeeder model, plus the convenience of a portable wirefeeder on 8m interconnecting leads which allow access to a large work area without moving the power source. The machine is supplied with a fully enclosed, separate wirefeeder, interconnecting leads, genuine Bernard gun cable, and gas regulator.

- SUPER SMOOTH WELDING
- CIRCUIT BREAKER FRIENDLY
- GAS SHIELDED & GASLESS WIRES
- 9 VOLTAGE SETTINGS
- SUITS 5kg & 15kg SPOOLS
- FULLY ENCLOSED SEPARATE WIREFEEDER
- 8M INTERCONNECTING LEADS
- MADE IN AUSTRALIA

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (10min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	16 Amps	42 Amps	10.1 kVA	15 Amps	215A, 24.8V, 15% duty 90A, 18.5V, 100% duty	45 - 215 Amps	0.6 - 1.2mm Solid 0.8 - 1.2mm Cored	85 kg



WELDMATIC 255s

Part No. CP107-0 (240 V model); CP107-1 (480 V model)

Fillet weld up to 12mm steel in a single pass with this single-phase MIG heavy-weight. Designed to provide years of reliable service in applications from medium manufacturing to farm maintenance - including hard surfacing.

For operator convenience, all wire speed controls plus the fine arc voltage control are provided at the remote wirefeeder. Adjust welding parameters at the job, without returning to the machine. Fully enclosed wirefeeder protects welding wire from dust and moisture. Package includes Bernard gun, leads and gas regulator.

- CONTINUOUS FINE VOLTAGE CONTROL
- 480 V 'SWER LINE' VERSION AVAILABLE
- ENCLOSED WIREFEEDER
- 8 METRE INTER CONNECTING LEADS
- MADE IN AUSTRALIA

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Supply Plug	Rated Output @ 40c (10min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
240 Vac - 50/60Hz	25 Amps	49 Amps	12 kVA	15 Amps (See note)	255A, 27V, 25% duty 100A, 19V, 100% duty	30 - 255 Amps	0.6 - 1.2mm Solid 0.8 - 1.2mm Cored	104 kg

Three Phase MIG Machines



WELDMATIC 335

INTERNAL WIREFEEDER

Part No. CP44-3

For those who prefer the balanced power consumption of a 3 phase welding machine, the Weldmatic 335 comfortably runs all popular sizes of solid and flux-cored consumables. This compact unit is perfect for use in smaller workshops, welding booths and schools where a separate wirefeeder and cables only take up valuable space. 30 voltage steps provide fine arc control over the whole operating range, from short-arc to full spray transfer. Package includes Bernard gun, leads and gas regulator.

- 3 PHASE POWER
- INTERNAL WIREFEEDER
- 30 VOLTAGE STEPS
- REVERSABLE POLARITY
- MADE IN AUSTRALIA

Base options: 20 Amp primary plug **Part No.** CLI56P420

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415 Vac 50/60Hz	14 Amps	22 Amps	15 kVA	335A, 34V, 32% duty 260A, 30V, 55% duty	35 - 335 Amps	0.6 - 1.2mm Solid 0.9 - 1.6mm Cored	112 kg



WELDMATIC 335

EXTERNAL WIREFEEDER

Part No. CP44-1

For a larger workshop, this model of the Weldmatic 335 provides plenty of welding power plus the mobility of a fully enclosed remote wirefeeder on 10m leads. The Weldmatic 2RD wirefeeder features 'Normal' & 'Creep' start modes, Inch / Purge and inbuilt Pre / Post gas controls. The welding polarity can be externally reversed, as required for some flux cored wires. Package includes Bernard gun, leads and gas regulator. Refer to page 34 for push-pull options.

- REMOTE 2RD SMART FEEDER
- 30 VOLTAGE STEPS
- 10 METRE INTER CONNECTING LEADS
- SPOT/CYCLE CONTROLS
- MADE IN AUSTRALIA

Base options: 20 Amp primary plug **Part No.** CLI56P420

Optional accessories: **Part No.**
 Push-pull kit for W41 2RD AM287-0
 Push-pull gun HT24-1
 Straight neck assembly HT24-11
 Curve neck assembly HT24-12

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415 Vac 50/60Hz	14 Amps	22 Amps	15 kVA	335A, 34V, 35% duty 260A, 30V, 60% duty	35 - 335 Amps	0.6 - 1.2mm Solid 0.9 - 1.6mm Cored	135 kg



WELDMATIC 395

Part No. CP43-1

A real industrial workhorse, runs up to 1.6mm flux cored wires, includes meters and fully enclosed 4 roll drive wirefeeder. The Weldmatic 4RD wirefeeder features 'Normal' & 'Creep' start modes, Inch / Purge and inbuilt Pre / Post gas controls. Like all Weldmatic MIG machines, the 395 is rated and named according to Australian Standards, so you get what you expect – quality welding results. Package includes Bernard gun, leads and gas regulator. Refer to page 34 for push-pull options.

- 4RD SMART FEEDER
- 18 M/MIN MAX. WIRESPEED
- 10 METRE INTER CONNECTING LEADS
- COMPATIBLE WITH W19 WIREFEEDER
- 30 VOLTAGE STEPS
- MADE IN AUSTRALIA

Base options: 20 Amp primary plug **Part No.** CLI56P420

Optional accessories: **Part No.**
 Push-pull kit for W41 4RD AM287-0
 Push-pull gun HT24-1
 Straight neck assembly HT24-11
 Curve neck assembly HT24-12

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415 Vac 50/60Hz	18 Amps	34 Amps	22 kVA	395A, 38V, 30% duty 220A, 27V, 100% duty	40 - 395 Amps	0.6 - 1.2mm Solid 0.9 - 1.6mm Cored	135 kg

Three Phase MIG Machines



WELDMATIC FABRICATOR

Part No. CP33-02

The Weldmatic Fabricator is well known in industry as a highly reliable MIG welder with excellent welding characteristics. The superiority of the Fabricator is recognised in industries from vehicle manufacture, ship building and stainless steel construction, and through the full scope of steel fabrication. Team with either a Weldmatic W19 or 4RD wirefeeder. Refer to page 34 for wirefeed & push-pull options.

- HIGH DUTY CYCLE RATING
- 110V GAS HEATER OUTLET
- 30 VOLTAGE STEPS
- SUITS CO2 & ARGON BASED GASES
- MADE IN AUSTRALIA

Base options:	Part No.	Optional accessories:	Part No.
Wirefeeder with 0.9-1.2mm rollers	W17-02	Mobile kit	AM246-1
Interconnecting lead kit (Lengths from 3m to 35m available)	AM195-0/10	Swivel mount (wirefeeder)	AM144
350 Amp Bernard guncable-3m	BEQA3510A-B	Push+pull wirefeeder	W19-1
20 Amp primary plug	CLI56P420	Push-pull gun	HT24-0
Argon regulator & flow gauge	WGAC24	Straight neck assembly	HT24-11
		Curve neck assembly	HT24-12

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415 Vac 50/60Hz	17 Amps	34 Amps	16 kVA	320A, 33V, 60% duty 270A, 30V, 100% duty	40 - 380 Amps	0.6 - 1.2mm Solid 0.9 - 1.6mm Cored	135 kg



WELDMATIC FABRICATOR 4RD PACKAGE

Part No. CP33-7

The Weldmatic Fabricator is now also available as a complete mobile mounted welding package. Fabricator power source, Weldmatic 4RD feeder, mobile mounting kit, gun and gas regulator conveniently supplied under the one part number. Refer to page 34 for wirefeed & push-pull options.

- FULLY ENCLOSED 4RD SMART FEEDER
- 10 METRE INTERCONNECTING LEADS
- 110V GAS HEATER OUTLET
- 30 VOLTAGE STEPS
- MADE IN AUSTRALIA

Base options:	Part No.	Optional accessories:	Part No.
20 Amp primary plug	CLI56P420	Push-pull kit for W41	AM287-0
		Push-pull gun	HT24-1
		Straight neck assembly	HT24-11
		Curve neck assembly	HT24-12

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415 Vac 50/60Hz	17 Amps	34 Amps	16 kVA	320A, 33V, 60% duty 270A, 30V, 100% duty	40 - 380 Amps	0.6 - 1.2mm Solid 0.9 - 1.6mm Cored	196 kg



SYNCHRO-PULSE CDT 450

Part No. CP38-3

Pulsed MIG welder with multi-process capability, produces high quality, spatter free welds. Typical applications include fabrication of carbon and stainless steels, aluminium, copper, nickel and magnesium. Also suited to build-up applications utilising chemical resistant alloys. Bright LCD display and simple key-pad operation provide unsurpassed operator interface. New feature allows on-screen editing of selected pulse parameters. Refer to page 34 for wirefeeder and push-pull options.

- LOW DISTORTION WELDS
- MINIMUM SPATTER LEVELS
- SELF FAULT DIAGNOSIS
- MULTIPROCESS
- 4T TRIGGER MODE
- MADE IN AUSTRALIA

Base options:	Part No.	Optional accessories:	Part No.
32 Amp primary plug	CLI56P432	Wirefeeder (Push-pull)	W37-2
Wirefeeder with 0.9-1.2mm rollers	W37-0	Remote control cable (Push-pull)	AM223-9/3
400 Amp Bernard guncable - 3m	BEQA410B-B	Push-pull gun	HT24-1
Interconnecting lead kit - 3m	AM223-0/3	Straight neck assembly*	HT24-11
Argon regulator & flow gauge	WGAC24	Curved neck assembly*	HT24-12
Mobile kit	AM237-0		
Remote control pendant	CP34-36		

Primary Voltage	Rated Primary Current	Max. Primary Current	Kva	Rated Output @ 40c (5min Cycle)	Welding Current Range	Electrode Size Range	Shipping Weight
380/415/440 Vac 50/60Hz	25 Amps	36 Amps	18 kVA	450A, 41V, 60% duty 350A, 35V, 100% duty	45 - 450 Amps	0.6 - 2.4mm Solid 0.9 - 2.4mm Cored	166 kg

Miller Deltaweld Series - MIG



DELTAWELD SERIES

Electronic control offers an easy to use, remote controllable, and superior welding arc for semi-automatic and automatic MIG and Flux cored welding applications. Deltaweld machines are engineered with power and endurance for tough manufacturing work, while also offering the precision and control needed for jobs requiring finesse.

- Internal digital voltage control allows operator to preset the welding voltage before striking an arc
- Line voltage compensation
- Digital ammeter and voltmeter
- Remote control capability
- Thermal overload protection
- Fan-On-Demand™ cooling system only operates when needed

	Primary Voltage	Input Power	Rated Output	Welding Current Range	Dimensions Height Width Depth	Shipping Weight
Deltaweld 602	415 Vac	380/400/440 Volts 50/60 Hz	450 Amps, 38 Volts, 100% duty	50 - 600 Amps	692mm 565mm 914mm	201 kg
Deltaweld 852	415 Vac	380/400/440 Volts 50/60 Hz	650 Amps, 44 Volts, 100% duty	50 - 850 Amps	692mm 565mm 914mm	241 kg

Miller Dimension Series - Multiprocess



DIMENSION SERIES

Miller's Dimension series of 3 phase constant-current/constant-voltage DC power sources provide outstanding versatility, plus the endurance to handle tough industrial applications.

These systems are engineered to provide exceptional performance across the whole spectrum of arc welding processes. An excellent choice for manual, semi-automatic and fully automated operations. Versatility is the to the Dimension series.

- Internal digital voltage control allows operator to preset weld voltage in the CV mode before striking an arc
- Hot Start™ makes it easy to start otherwise "difficult-to-start" electrodes
- Line voltage compensation
- Multiprocess capability for versatility
- Remote control capability

	Primary Voltage	Input Power	Rated Output	Welding Current Range	Dimensions Height Width Depth	Shipping Weight
Dimension 372	415 Vac	380/400/440 Volts 50/60 Hz	30 Amps, 32 Volts, 100% duty	15 - 375 Amps	692mm 565mm 686mm	186 kg
Dimension 562	415 Vac	380/400/440 Volts 50/60 Hz	450 Amps, 38 Volts, 100% duty	20 - 565 Amps	692mm 565mm 914mm	192 kg
Dimension 812	415 Vac	380/400/440 Volts 50/60 Hz	650 Amps, 44 Volts, 100% duty	50 - 815 Amps	692mm 565mm 914mm	284 kg

XMT Inverter Series



XMT 304 (CC/CV)

Part No. MR903472 380/415V, three phase XMT304 CC/CV with aux power
Part No. MR903522 380/415V, three phase XMT304 CC/CV without aux power
 Inverter type high efficiency DC multi-process welding power source for Manual Arc, TIG, Flux Cored Arc, MIG and pulsed MIG welding with optional Optima 304. Pre-settable welding parameters. LCD digital meter. Line voltage compensation. Complete with primary cable.

Primary Voltage	Input Power	Open Circuit Voltage	Rated Output	Welding Current Range	Dimensions Height Width Depth	Shipping Weight
400 Vac	Three phase 20 Amps	90 Volts	300 Amps @ 32 Volts 60% duty cycle	5 - 400 Amps	432mm 318mm 610mm	39 kg

Miller Engine Driven



BOBCAT 250NT

Part No. MR903810026

275 Amp petrol engine driven multi-process welder and power generator with electric start and running hour metre. Delivers AC or DC weld output with greater deposition rates and faster travel speeds. It is a rugged and reliable workhorse that sets the standard for petrol engine driven stick and FCAW welding.

The highest auxiliary power in its class – 10,000 watts – allowing simultaneous welding and auxiliary power for running tools and lights.

- **Automatic idle function reduces noise and conserves fuel**
- **275 Amps @ 60% duty max. output for Flux cored & MIG welding**
- **Fastex™ tool-free oil drain system for quick & easy servicing**
- **Highest auxiliary power output while welding in its class. At 125 Amps weld current, you still have 5,200 watts of auxiliary power**
- **Automatic shutdown when oil pressure is too low**
- **Robust case design**
- **Optional canvas cover (part no. MR043674)**

Ask for literature No. ED/4.4

Engine	Welding Process	Rated Output	Welding Current Range	Auxiliary Power	Dimensions			Shipping Weight
					Height	Width	Depth	
Kohler 20 HP	AC/DC stick FCAW / MIG	250A, 25V, @ 100% duty 275A, 25V, @ 60% duty	40 - 275 Amps	10,000 Watts 240 Volts AC	838mm	476mm	1156mm	250 kg



BOBCAT 225D

Part No. MR903462

Portable air-cooled 225 Amp diesel engine driven AC/DC multi-process welder and power generator with electric start and running hour metre. CC mode for Manual Arc and TIG welding, CV mode for MIG and Flux Cored welding and plasma cutting with the Spectrum 2050.

- **Automatic idle function reduces noise and conserves fuel**
- **Large (45L) fuel tank allows approx 10 hours run time**
- **Automatic shutdown when oil pressure is too low**
- **Excellent AC TIG welding capability for aluminium (requires optional accessories)**
- **8,000 watts auxiliary power with 3 x 15 Amp 240 volt outlets. Still provides 4,300 watts available while welding at 140 Amps**
- **Optional canvas cover (part no. MR043674)**

Ask for literature No. ED/4.31

Engine	Welding Process	Rated Output	Welding Current Range	Auxiliary Power	Dimensions			Shipping Weight
					Height	Width	Depth	
Duetz / Ruggerini 16 HP	AC Stick DC Stick FCAW / MIG	225A, 25V, @ 100% duty 210A, 25V, @ 100% duty 200A, 20V, @ 100% duty	AC 50 - 225 Amps DC 50 - 210 Amps 17 - 28 Volts	8,000 Watts 240 Volts AC 1 phase while not welding	787mm	476mm	1164mm	279 kg



SUPER S-32P ULTRA-LITE WIRE FEEDER

Part No. MR184200031 (Fully Optioned Model)

Durable, lightweight and portable, the S32P wirefeeder is designed for field and construction work for voltage sensing welding applications with most CV and CC DC type power sources. Ideal for use with engine driven machines, requiring simple connection to normal work and electrode terminals of the machine, with no additional connecting cables required.

This wirefeeder handles a wide variety of wire sizes and types with the necessary high end speed for small diameters, and the low end speed and power for the more demanding larger diameter, down-hand and all-position, gas and self shielding flux cored wires.

Ask for brochure M/7.1 for full details.

Miller Engine Driven



BIG BLUE AIR PAK

Part No. MR907062011

Designed and built to be the world's most reliable high output system, welder/generator/air compressor. A go anywhere solution to field jobs requiring welding, gouging or cutting, compressed air and AC power generation. 20 to 750 Amps welding output. Built-in ultra-reliable Ingersoll-Rand industrial rotary screw compressor produces 100 PSI at 60 CFM, 100% duty cycle. Performing the duties of 3 separate machines, the Big Blue Air Pak can reduce transportation costs, and saves space on service and repair rigs. MSHA approved for use in underground coal mines.

- Independent compressor controls
- Robust enclosed case design
- Low maintenance
- Quiet (78db at maximum, 70db idle)
- Hot start for easy electrode starting
- Optional AC/DC battery charge/jump start

Ask for brochure ED/10.5 for full details & accessories.

Engine	Welding Mode	Rated Output	Welding Current Range	Auxilliary Power	Air Compressor	Dimensions			Shipping Weight
						Height	Width	Depth	
Duetz, BF-4M, 2011 64 HP diesel <small>(*Only available on deluxe model)</small>	CC/DC CV/DC CC/AC*	600A, 44V, @ 40% duty 500A, 40V @ 100% duty 400A, 36V @ 100% duty	20 - 750 Amps 14 - 40 Volts 20 - 575 Amps	4,000 W 1 ph 240v continuous, optional 12 kW 1 ph 240v	100 PSI 60 CFM @ 100% duty	1092mm	724mm	1715mm	899 kg



BIG BLUE 602D SERIES

A range of powerful 600 amp welding generators. The CC/CV multiprocess models enable high quality MIG, STICK, TIG, and Carbon Arc Gouging processes. Automatic engine shutdown protection is fitted standard. Enclosed base and case protect internal components and reduce noise levels. The three phase rotating field generator produces smooth DC weld output.

Ask for literature EDX/10.11

Engine	Welding Mode	Rated Output	Welding Current Range	Auxilliary Power	Dimensions			Shipping Weight
					Height	Width	Depth	
Duetz or Perkins	CC / CV	600 Amps, 30 Volts, @ 40% duty	CC 20 - 600 Amps DC CV 14 - 40 Volts DC	4 kVA 240 Volts AC while welding	1029mm	724mm	1637mm	787 kg

Miller spectrum Series



SPECTRUM 375 CUTMATE

Part No. MR903871

115 & 230 Volt, 50/60Hz, single phase
Versatile portable plasma cutting system with pilot arc controller, and ergonomic torch. Compatible with Miller engine driven welders with 6,000 watts, 240 V receptacle. Industrial applications include maintenance, light construction, prototyping, body shops, fabrication & ductwork.

Complete with:

ICE-27C torch with 6m cable, 4.6m work cable & clamp, 3m primary lead, consumables kit & built-in gas/air filter & regulator.

Ask for brochure PC/9.1 for full details.

Primary Voltage	Rated Output	Quality Cut Capacity			Dimensions			Shipping Weight
					Height	Width	Depth	
115 & 240 Volts, single phase	27 Amps @ 90 VDC 35% duty	Mild Steel 13mm	Stain. Steel 13mm	Aluminium 8mm	305mm	216mm	400mm	22 kg



SPECTRUM 2050

Part No. MR903777012

An industrial portable plasma cutting & gouging system with Auto-Line input technology which allows use on any input voltage in the range 208-575 volts 50/60 Hz. Complete with ICE-55C torch.

- Wind tunnel cooling technology
- Fan-on-demand energy conservation
- Consumables storage compartment
- No high frequency starts
- Pilot arc switch for expanded metal cutting
- Drag shield for drag cutting
- Built-in gas/air filter/regulator

Ask for literature PC/70 for full details

Primary Voltage	Rated Output	Quality Cut Capacity			Dimensions			Shipping Weight
					Height	Width	Depth	
208 - 575 Volts auto-line	55 Amps @ 110 VDC 60% duty	Mild Steel 25mm	Stain. Steel 25mm	Aluminium 19mm	432mm	318mm	610mm	41 kg



SPECTRUM 3080 WITH HAND TORCH

Part No. MR903777012

The heavy duty industrial Spectrum 3080 Air Plasma Cutting and Gouging machine, handles the toughest cutting jobs and offers superior gouging capabilities. 400/415 volt 50/60Hz 20 Amp three phase input power.

- Extremely long gouging arc for hard to reach, heavy duty applications
- Consumables storage compartment
- Post flow cooling circuit
- Pilot Arc means no high frequency starts or interference
- Built-in gas/air/nitrogen filter/regulator
- Optional automation package with interface box available

Complete with:

ICE-80C hand held torch and 7.6m cable, 6.1m work cable with clamp, 3m power cord without plug.

Ask for brochure PC/8.0 for full details.

Primary Voltage	Rated Output	Quality Cut Capacity			Dimensions			Shipping Weight
					Height	Width	Depth	
415 Volt, Three phase only	80 Amps @ 140 VDC 60% duty	Mild Steel 32mm	Stain. Steel 32mm	Aluminium 25mm	432mm	318mm	610mm	49 kg



CUTTING GUIDES

Part No. TJCP1002

Plasma cutting guide kit for Spectrum 375 and 2050

Part No. TJCP2004

Plasma cutting guide kit for Spectrum 3080

Complete guide kit for cutting circles, straight lines and shapes. Kit includes roller guide, circle guide, magnetic pivot, suction pivot and radius bar.

Starflame



GAS WELDING AND CUTTING KIT

Part No. GK200-0

Industry compatible fittings and built-in safety features. The practical choice for industrial, trade, rural and domestic applications. Complete with all parts required for brazing, fusion welding, silver soldering and oxy-cutting. Housed in sturdy plastic carry case. Manufactured to AS4267-1995.

Complete with:

- Oxygen and Acetylene regulators
- 5m hose set
- Handpiece
- Mixer
- Cutting attachment
- Swaged welding tips sizes 8, 10, 12, 15, 20
- Cutting tips size 8, 12 & 15

- Flashback arrestors (regulator mounted)
- Welding goggles
- Tip cleaners
- Flint lighter
- Combination spanner
- Cylinder key
- Operating manual
- Robust carry case



OXY FUEL REGULATORS

Quality gas regulators combining safety and rugged design. Features include safety relief valve, easy to read gauges and availability of replacement parts. Manufactured to AS 4267-1995.

Part No.

Oxygen	2 gauge Starflame	GK200-0/2
Acetylene	2 gauge Starflame	GK200-0/1
Propane	2 gauge Harris	HA801PR



WELDING & BRAZING TIPS

A range of welding and brazing tips for use with Starflame handle and mixer. Industry compatible fittings. For a hotter flame, use larger tip size.

Size		Part No.
8	Welding	SWT08
10	Welding	SWT10
12	Welding	SWT12
15	Welding	SWT15
20	Welding	SWT20
26	Welding	SWT26
32	Welding	SWT32



HEATING TIP

Heating tip for use with Starflame handle and mixer. Industry compatible fittings.

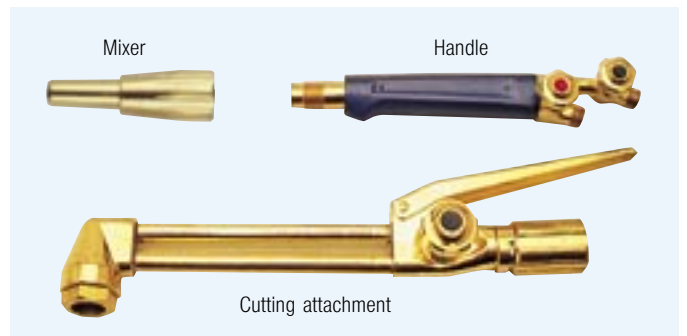
Size		Part No.
12	Heating tip	HT8X12



GAS CUTTING GUIDE KIT

Part No. TJGP3001

Complete guide kit for cutting circles, straight lines, bevelling and shapes. Kit includes roller guide, circle guide, magnetic pivot, radius bar, bevel and stabiliser attachments.



GAS CUTTING ANCILLARY EQUIPMENT

Manufactured from high quality materials for safe and reliable operation. Industry compatible fittings. Used with Acetylene Type 41 and LPG Type 44 nozzles.

Part No.

Handle	GK200-0/4
Mixer	GK200-0/6
Cutting attachment	GK200-0/3

Starflame

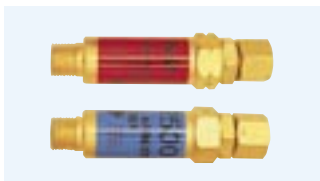


FLASH BACK ARRESTORS

Flashback arrestors incorporating a one-way gas flow valve and sintered flame trap to increase the safety of oxy-acetylene processes.

	Part No.
Flashback arrestor - torch - Acetylene	GK200-2AT
Flashback arrestor - torch - Oxygen	GK200-2XT
Flashback arrestor - regulator - Acetylene	GK200-2AR
Flashback arrestor - regulator - Oxygen	GK200-2XR

Note: In Western Australia, Occupational Safety & Health Regulations require flashback arrestors to be fitted at both the regulator & torch.



HI-LO FLASH BACK ARRESTORS

In addition to a one-way gas flow valve and sintered flame trap, Hi-Lo flashback arrestors incorporate a safety thermal cut off which stops gas flow if the arrestor becomes overheated. Manufactured to BS EN730.

TORCH MOUNTED	Part No.
Flashback arrestor - torch - Acetylene	FA070032
Flashback arrestor - torch - Oxygen	FA070031

REGULATOR MOUNTED	Part No.
Flashback arrestor - regulator - Acetylene	FA070054
Flashback arrestor - regulator - Oxygen	FA070053

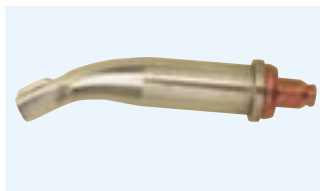


CUTTING NOZZLES

Precision machined from quality materials for gas tight seal. Industry compatible fittings.

Acetylene Type 41		
Size	Plate Thickness, mm	Part No.
6	1 - 6	CN41A6
8	6 - 10	CN41A8
12	12 - 20	CN41A12
15	25 - 75	CN41A15
20	100 - 125	CN41A20
24	150 - 200	CN41A24
32	225 - 300	CN41A32

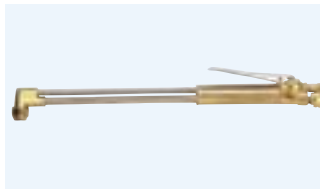
LPG Type 44		
Size	Plate Thickness, mm	Part No.
6	3 - 6	CN44LPG6
8	6 - 12	CN44LPG8
12	12 - 20	CN44LPG12
15	25 - 75	CN44LPG15
20	100 - 125	CN44LPG20



GOUGING NOZZLES

High quality bent and straight gouging nozzles for joint preparation and removal of defective welds.

Acetylene Type 41		
Size		Part No.
32GS	Straight	GN41A32GS
32GB	Bent	GN41A32GB
48GB	Bent	GN41A48GB



CUTTING TORCH

Part No. GK200-32
Multi-purpose cutting torch for all heavy duty cutting applications. Length 560mm. Used with Acetylene type 41 and LPG type 44.



COMBINATION SPANNER

Part No. GK200-8
Handy 4 way spanner for regulator cylinder valve nuts, hose and torch connections.



CYLINDER KEY

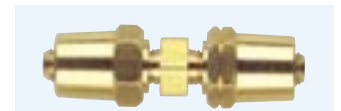
Part No. GK200-9
Suitable for industrial gas cylinders.

OXYGEN AND ACETYLENE HOSE CONNECTIONS

For 5mm Hose



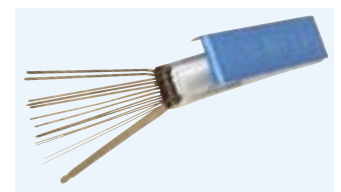
	Part No.
Connector RH nut and tail	GK200-10RH
Connector LH nut and tail	GK200-10LH



	Part No.
Coupling hose to hose	GK200-11

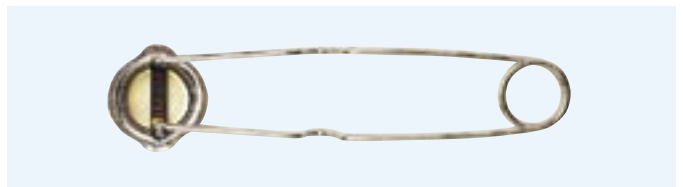


	Part No.
Coupling RH	GK200-12RH
Coupling LH	GK200-12LH



TIP CLEANERS

Part No. GK200-3
Set of flat and wire type files in a durable metal case. For cleaning all welding and cutting tips.

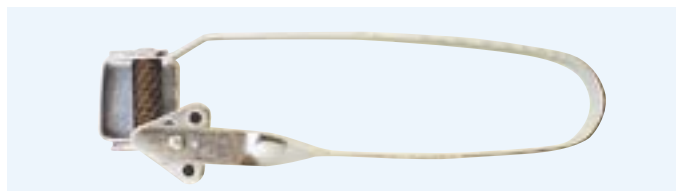


FLINT LIGHTER (SINGLE)

Part No. GK200-4
Cup style single flint lighter for easy flame ignition.

SINGLE FLINTS (PKT OF 10)

Part No. GK200-5
Replacement flints for GK200-4 type flint lighter.



TRIPLE FLINT LIGHTER

Part No. GK200-6
Robust triple flint lighter with long lasting file and rotatable replaceable flints.

TRIPLE FLINTS (PKT OF 5)

Part No. GK200-7
Replacement flints for GK200-6 type flint lighter.

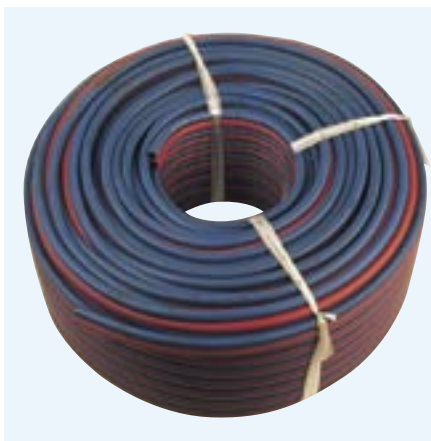
Starflame



SINGLE GAS HOSE

Durable 5mm re-inforced rubber gas hose manufactured to Australian Standard. Available in lengths of up to 100m.

	Part No.
Black hose 5mm	62513
Red hose 5mm	62512
Blue hose 5mm	HOSE02



TWIN GAS HOSE

Blue/Red twin 5mm reinforced rubber oxy/acetylene hose manufactured to Australian Standard. Available in lengths of up to 100m.

	Part No.
Red/Blue 5mm twin hose	62516
Goodyear twin hose	HOSE01



TWIN HOSE SETS

Durable 5mm re-inforced rubber gas hose manufactured to Australian Standard. Available in lengths of up to 100m.

	Part No.
Hose set - 5m	GK200-1/5
Hose set - 10m	GK200-1/10
Hose set - 15m	GK200-1/15
Hose set - 30m	GK200-1/30

OXY WELDING GOGGLES



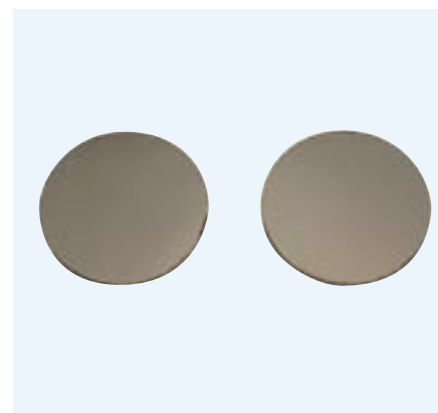
Wide view goggles for gas welding and cutting **Part No.** GK200-13



Goggle Flip Up **Part No.** GK200-14

REPLACEMENT LENSES

Replacement lenses for gas welding applications



50mm DIAMETER TO SUIT FLIP-UP STYLE GOGGLES

	Part No.
Filter Lens Shade 3	GA3303
Filter Lens Shade 4	GA3304
Filter Lens Shade 5	GA3305
Filter Lens Shade 6	GA3306
Clear Cover Lens	GA3215

Note all lenses come as a pair



Neutral flame for welding carbon and stainless steels

SHADE SELCTION

The following table is provided to help you select the correct shade welding and cutting filter system.

Operation	Plate Thickness(mm)	Shade No.
Oxyfuel Welding	<5	4-5
	5-15	5-6
	>15	6-8
Oxyfuel Cutting	<25	3-4
	25-150	4-5
	>150	5-6

Bernard TIG Welding Torches



150 AMP TIG

Suitable for electrodes 0.5-4 mm. Rated current 150 Amps DC 100% Duty, electrode negative. Nozzle, collet body and collet not included.

Torch options	Part No.
4m 1 pc. cable	BE-17-4M-R
4m 1 pc. cable and gas valve	BE-17V-4M-R
4m 2 pc. cable and gas valve	BE-17V-4M-2
8m 1 pc. cable	BE-17-8M-R
8m 1 pc. cable and gas valve	BE-17V-8M-R



200 AMP TIG

Suitable for electrodes 0.5-4 mm. Rated current 200 Amps DC 100% Duty, electrode negative. Nozzle, collet body and collet not included.

Torch options	Part No.
4m 1 pc. cable	BE-26-4M-R
4m 2 pc. cable	BE-26-4M-2
4m 1 pc. cable and gas valve	BE-26V-4M-R
4m 2 pc. cable and gas valve	BE-26V-4M-2
8m 1 pc. cable	BE-26-8M-R
8m 1 pc. cable and gas valve	BE-26V-8M-R



350 AMP TIG

Suitable for electrodes 0.5-4 mm. Rated current 350 Amps DC 100% Duty, electrode negative. Nozzle, collet body and collet not included. Heavy duty water-cooled TIG torch

Torch options	Part No.
4m power cable	BE-18-4M
4m power cable and gas valve	BE-18V-4M
8m power cable	BE-18-8M

TORCH ACCESSORY KITS



SUIT 150A TORCHES

Accessory Kit	Part No.
1 off short backcap	BEAK-2
3 off collet bodies (1.0, 1.6 & 2.4 mm)	
3 off collets (1.0, 1.6 & 2.4 mm)	
3 off alumina nozzles (numbers 4, 5 & 6)	
3 off 2% thoriated tungsten electrodes (1.0, 1.6 & 2.4 mm)	



SUIT 200 & 350A TORCHES

Accessory Kit	Part No.
1 off short backcap	BEAK-3
3 off collet bodies (1.6, 2.4 & 3.2 mm)	
3 off collets (1.6, 2.4 & 3.2 mm)	
3 off alumina nozzles (numbers 5, 6 & 8)	
3 off 2% thoriated tungsten electrodes (1.6, 2.4 & 3.2 mm)	

CABLE COVER



Protects TIG torch power cables and gas hoses from dirt and damage.

	Part No.
TIG cable cover 3m	BEWC-3-10
TIG cable cover 6.7m	BEWC-3-22

Tungsten Electrodes



2% Ceriated, grey end tip

For use with either AC or DC current for many applications. Easy arc starting and good arc stability.

Size (mm)	Part No.
1.0	TUNGCE10
1.6	TUNGCE16
2.4	TUNGCE24
3.2	TUNGCE32



2% Thoriated, red end tip

Suited for DC current, electrode negative, for welding mild & stainless steel.

Size (mm)	Part No.
1.0	TUNGTH10
1.6	TUNGTH16
2.4	TUNGTH24
3.2	TUNGTH32
4.0	TUNGTH40



0.8% Zirconiated, white end tip

For AC current welding of non ferrous materials including aluminium and magnesium alloys.

Size (mm)	Part No.
1.0	TUNGZI10
1.6	TUNGZI16
2.4	TUNGZI24
3.2	TUNGZI32
4.0	TUNGZI40



Witstar WS2, Rare Earths, turquoise tip

For use with either AC or DC current. Contains no radioactive materials. Better welding properties than thoriated electrodes.

Size (mm)	Part No.
1.0	TUNGWS10
1.6	TUNGWS16
2.4	TUNGWS24
3.2	TUNGWS32
4.0	TUNGWS40

Bernard TIG Welding Torches

TIG TORCH PARTS Suit BERNARD 125 Amp



BACK CAPS		Part No.
Short	200S	BE41V33
Medium	200M	BE41V35
Long	200L	BE41V24



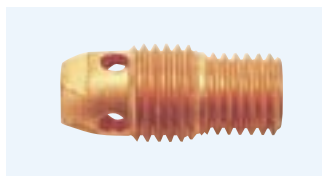
GAS NOZZLES, ALUMINA			Part No.
# 4	2A4		BE13N08
# 5	2A5		BE13N09
# 6	2A6		BE13N10
# 7	2A7		BE13N11
# 8	2A8		BE13N12



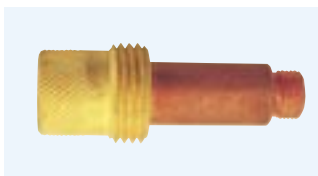
COLLETS		Part No.
1.0mm	2C40	BE13N21
1.6mm	2C116	BE13N22
2.4mm	2C332	BE13N23



GAS LENS NOZZLES			Part No.
# 6	3AG6		BE54N16
# 8	3AG8		BE54N14



COLLET BODIES		Part No.
1.6mm	2CB116	BE13N27
2.4mm	2CB332	BE13N28



GAS LENS			Part No.
Collet Body	2.4mm	3GL332	BE45V26
Collet Body	3.2mm	3GL418	BE45V27
Insulator			BE54N01

TIG TORCH PARTS Suit BERNARD 150, 200 & 350 Amp



BACK CAPS		Part No.
Short	300S	BE57Y04
Long	300L	BE57Y02

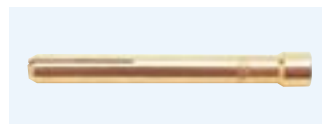


GAS NOZZLES, ALUMINA			Part No.
# 4	3A4		BE10N50
# 5	3A5		BE10N49
# 6	3A6		BE10N48
# 7	3A7		BE10N47
# 8	3A8		BE10N46
#10	3A10		BE10N45



GAS NOZZLES, ALUMINA, STUBBY			Part No.
# 4	2A4		BE13N08
# 5	2A5		BE13N09
# 6	2A6		BE13N10
# 7	2A7		BE13N11
# 8	2A8		BE13N12

COLLET BODIES		Part No.
1.0mm	3CB40	BE10N30
1.6mm	3CB116	BE10N31
2.4mm	3CB332	BE10N32
3.2mm	3CB418	BE10N28
4.0mm	3CB532	BE406488



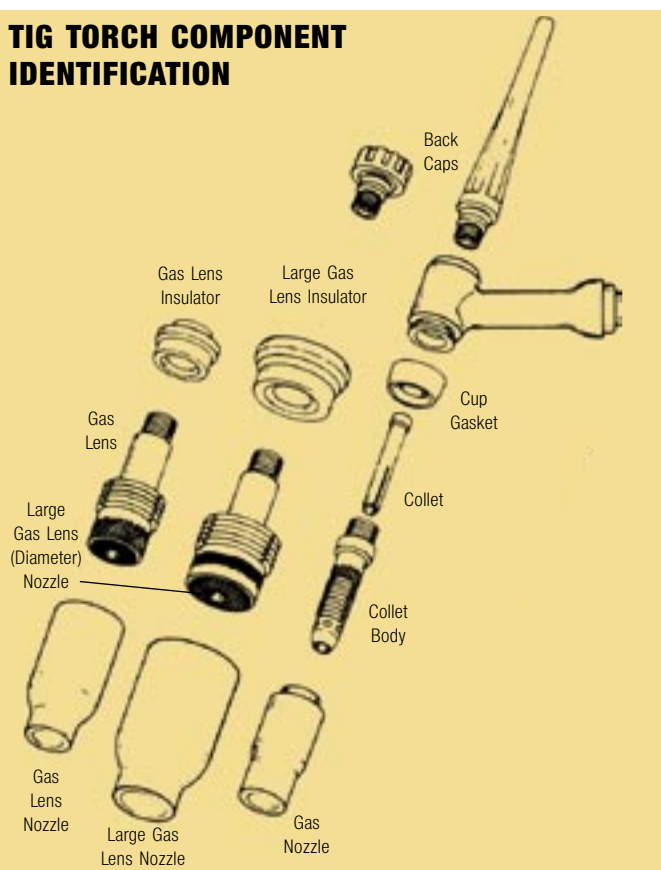
LARGE DIAMETER GAS LENS NOZZLE		Part No.
# 8		BE57N74

COLLETS		Part No.
1.0mm	3C40	BE10N22
1.6mm	3C116	BE10N23
2.4mm	3C332	BE10N24
3.2mm	3C418	BE10N25
4.0mm	3C532	BE54N20



LARGE DIAMETER GAS LENS		Part No.
Collet Body	2.4mm	BE45V64

TIG TORCH COMPONENT IDENTIFICATION



HANDLE

Handle		Part No.
Ribbed - suit 125A & 150A		BEH100R

TORCH BODIES

Torch body to suit two piece and three piece TIG torch.

Torch Body		Part No.
200 Amp body		BE200TB
200 Amp body with valve		BE200VTB

COIL ELEMENTS

Coil Element		Part No.
Flexible coil element 200 Amps		BE200CE

HANDLES

Handle to suit two piece and three piece TIG torch.

Handle		Part No.
Handle suit 150 Amp		BE105Z55R
Handle suit 200 Amp		BE10N15R

POWER CABLES

Power Cable		Part No.
1 piece power cable, 3.8m - to suit 125A & 150A		BE57Y01R
1 piece power cable, 7.6m - to suit 125A & 150A		BE57Y03R

Weldmatic Wirefeeders



W19 WIRE FEEDER

Part No. W19-0

Heavy duty 2 roll drive wirefeeder for use with the WELDMATIC FABRICATOR power source. Simple to use, but with all of the features for industrial manufacturing and fabrication. This wirefeeder is ideal for high duty cycle applications requiring reliable trouble free operation.

- Large 42mm diameter, quick change drive rolls
- Gear driven drive rolls for smooth, positive and accurate wire feed
- Creep start, pre & post gas, and adjustable burn-back controls
- Trigger latch mode to reduce operator fatigue



W37 WIRE FEEDER

Part No. W37-0

Heavy duty 2 roll drive wirefeeder for use with SYNCHRO-PULSE CDT450 power source. Simple to use, but with all of the features for industrial manufacturing and fabrication. This wirefeeder is ideal for high duty cycle pulse welding applications requiring rapid response and reliable trouble free operation.

Supplied with 0.9/1.2mm V grooved drive rolls for solid wires.

Large 42mm diameter, quick change drive rolls, gear driven top & bottom for smooth, positive and accurate wire feed.

Part No. W37-1

Version of W37 with the current & arc length controls fitted on the front panel of the wirefeeder.

Supplied with 0.9/1.2mm V grooved feed rolls (for solid wire)

W37 PUSH+PULL FEEDERS

Part No. W37-2

Push+Pull version for use with SYNCHRO-PULSE CDT450 power source and Hultegger pull gun cable. Current & arc length controls on the gun. Supplied with 1.2mm U groove drive rolls for aluminium wire

Part No. W37-3

Push+Pull version for use with SYNCHRO-PULSE CDT450 power source and Miller pull gun. Requires pendant control.

Supplied with 1.2mm U grooved feed rolls (for aluminium)



WELDMATIC 2RD SMART FEEDER

Part No W41-0

2 roll drive wirefeeder for use with Weldmatic power sources. Selectable starting modes, with in-built pre- and post-gas controls. Ultra-fast wire braking feature.

Specifications:

Wire size up to 1.6mm
Wire speed range 1-18 m/min
30 Volt AC supply.



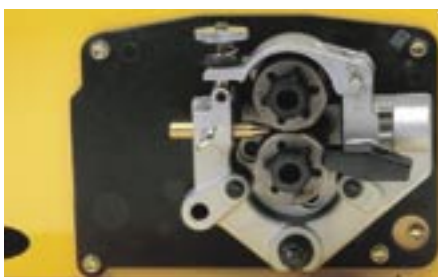
WELDMATIC 4RD SMART FEEDER

Part No W41-1

4 roll drive wirefeeder for use with Weldmatic power sources. Selectable starting modes, with in-built pre- and post-gas controls. Ultra-fast wire braking feature.

Specifications:

Wire size up to 1.6mm
Wire speed range 1-18 m/min
30 Volt AC supply.



W19 & W37 drive system

DRIVE ROLL KITS FOR W19 & W37 WIREFEEDERS

Wire size	"V" groove for solid wire	"U" groove for soft wire or cored wires	"V" knurled for hard-shelled cored wires	"U" Cogged for extremely soft wire or soft-shelled cored wires (ie. hard facing types)
0.6 mm	MR087131	-	-	-
0.8 mm	MR079594	-	-	-
0.9 mm	MR079595	MR044749	MR079606	-
0.9/1.2 mm	MR190300	-	-	-
1.0 mm	MR161189	-	-	-
1.2 mm	MR079596	MR079599	MR079607	MR083318
1.6 mm	MR079598	MR079601	MR079609	MR079614
2.0 mm	-	MR079602	MR079610	MR079615

*Each drive roll kit includes top and bottom drive rollers and wire guide.



4RD drive system

Weldmatic Accessory Lead Kits



TO SUIT WELDMATIC 215S (CP109-1)

Size	Part No.
8m lead kit	AM297-0/8

(Special lengths available upon request)

TO SUIT WELDMATIC 255S (CP107)

Size	Part No.
15m lead kit	AM283-0/15
25m lead kit	AM283-0/25

(Special lengths available upon request)

TO SUIT WELDMATIC 335 (CP44-1)

Size	Part No.
10m*	AM286-0/10
25m	AM286-0/25

(Special lengths available upon request) *Supplied standard with CP44-1

TO SUIT WELDMATIC 395 (CP43-1)

Size	Part No.
10m	AM282-0/10
25m	AM282-0/25

TO SUIT WELDMATIC FABRICATOR (CP33)

Size	Part No.
3m	AM195-0/3
10m	AM195-0/10
15m	AM195-0/15

(Special lengths available upon request)

TO SUIT SYNCHRO-PULSE CDT 450 (CP38)

Size	Part No.
3m	AM223-0/3
10m	AM223-0/10
25m	AM223-0/25

(Special lengths available upon request)

Weldmatic Drive Rolls & Inlet Guides



TO SUIT W32, CP102, CP103, CP104, CP105, CP106 & CP42 DRIVE ROLLERS

Size	Part No.
0.6/0.8mm	W26-0/8
0.8/1.0mm	W26-1/8
0.9/1.2mm	W26-5/8
1.0/1.2mm	W26-2/8
1.2/1.6mm	W26-4/8
1.0/1.2mm Aluminium	W26-3/8
1.0/1.2mm Knurled	W26-7/8
1.2/1.6mm Knurled	W26-6/8

INLET GUIDES

Size	Part No.
2.0mm I.D.	W26-0/13
2.4mm I.D.	W27-2/13
3.0mm I.D.	W27-1/13
2.0mm I.D. Nylon	W27-1/13N



TO SUIT W34 FOUR ROLL DRIVE DRIVE ROLLERS

Size	Part No.
0.8/1.0mm	W36-0/30
1.0/1.2mm	W36-0/31
1.2/1.6mm	W36-0/32
1.6/2.0mm Knurled	W36-0/34
2.0/2.4mm	W36-0/37
1.0/1.2mm Aluminium	W36-0/35
1.2/1.6mm Aluminium	W36-0/36

INLET GUIDE

Size	Part No.
0.8-1.6mm Brass	W26-0/13



TO SUIT 2RD & 4RD WIREFEEDER DRIVE ROLLERS

Size	Part No.
0.6/0.8 mm 'V' groove	W51-0/5
0.8/1.0 mm 'V' groove	W51-0/4
0.9/1.2 mm 'V' groove	W51-0/2
1.2/1.6 mm Knurled	W51-0/1
1.6/2.0 mm Knurled	W51-0/7
0.9/1.2 mm Aluminium	W51-0/3



TO SUIT W19 & W37 WIREFEEDERS DRIVE ROLL KITS

Size	Part No.
0.6 mm 'V' groove	MR087131
0.8 mm 'V' groove	MR079594
0.9 mm 'V' groove	MR079595
0.9/1.2 mm 'V' groove	MR190300
1.0 mm 'V' groove	MR161189
1.6 mm 'V' groove	MR079596
2.0 mm 'V' groove	MR079598
0.9 mm 'U' groove	MR044749
1.2 mm 'U' groove	MR079599
1.6 mm 'U' groove	MR079601
2.0 mm 'U' groove	MR079602
0.9 mm knurled 'V' groove	MR079606
1.2 mm knurled 'V' groove	MR079607
1.6 mm knurled 'V' groove	MR079609
2.0 mm knurled 'V' groove	MR079610
1.2 mm cogged 'U' groove	MR083318
1.6 mm cogged 'U' groove	MR079614
2.0 mm cogged 'U' groove	MR079615

*Each drive roll kit includes top & bottom drive rollers & wire guide

NYLON INLET GUIDES (W19 & W37 FEEDERS)

Size	Part No.
1.2 mm nylon wire guide for aluminium	MR151203
1.6 mm nylon wire guide for aluminium	MR151205



TO SUIT W17 & W35 WIREFEEDER DRIVE ROLLERS

Size	Part No.
0.8mm 'V' groove	W2-21
0.9-1.2mm 'V' groove	W2-22
1.6mm plain 'V' groove	W2-23
Flat upper roller	W2-20
0.9-1.2mm 'U' groove, Chromed	W2-48
1.2-1.6mm 'U' groove, Chromed	W2-50
Flat upper roller, Chromed	W2-49
1.2mm Knurled	W2-51
1.6-2.0mm Knurled	W2-24
2.4mm Knurled	W2-25

INLET GUIDES

Size	Part No.
0.8-1.2mm Brass	W2-44/12-1
1.6-2.0mm Brass	W2-44/12-2
2.4-3.2mm Brass	W2-44/12-3
0.8-1.0mm Nylon	W2-44/12-1N
1.6-2.0mm Nylon	W2-44/12-2N
2.4-3.2mm Nylon	W2-44/12-3N



TO SUIT 2RD WIREFEEDER DRIVE ROLLERS

Size	Part No.
1.0/1.2 mm Aluminium, high speed	W51-40/3

Bernard MIG welding Guns



BERNARD 200 AMP GUNCABLE

Light weight genuine BERNARD 200 Amp gun for light fabrication applications. Suited for WELDMATIC 205 & 210 machines.

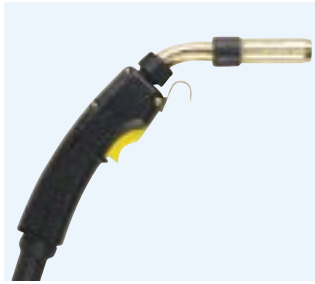
Duty cycle: 150 Amp @ 100% with mixed gas.

Bernard quick disconnect - 3m
Part No. BEQA210A-B

Euro Fitting - 3m
Part No. BEQA210A-E

Bernard quick disconnect - 4.6m
Part No. BEQA215A-B

Euro Fitting - 4.6m
Part No. BEQA215A-E



BERNARD 300 AMP GUNCABLE

Light weight genuine BERNARD 300 Amp gun for light to medium fabrication applications. Suited for WELDMATIC 250S, 325 and 335, MILLER machines.

Duty cycle: 200 Amp @ 100% with mixed gas.

Bernard quick disconnect - 3m
Part No. BEQA310A-B

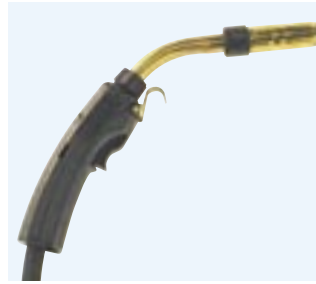
Euro Fitting - 3m
Part No. BEQA310A-E

Miller End - 3m
Part No. BEQA310A-M

Bernard quick disconnect - 4.6m
Part No. BEQA315A-B

Euro Fitting - 4.6m
Part No. BEQA315A-E

Miller End - 4.6m
Part No. BEQA315A-M



BERNARD 350 AMP GUNCABLE

Heavy duty light weight genuine BERNARD 350 Amp gun for medium to heavy fabrication applications. Suited for WELDMATIC FABRICATOR, 395, MILLER, SYNCHRO-PULSE machines.

Duty cycle: 250 Amp @ 100% with mixed gas.

Bernard quick disconnect - 3m
Part No. BEQA3510A-B

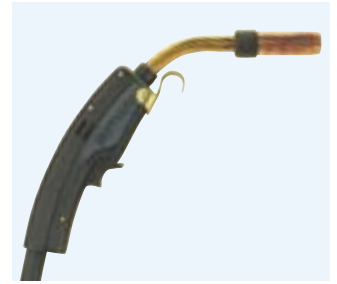
Euro Fitting - 3m
Part No. BEQA3510A-E

Miller End - 3m
Part No. BEQA3510A-M

Bernard quick disconnect - 4.6m
Part No. BEQA3515A-B

Euro Fitting - 4.6m
Part No. BEQA3515A-E

Miller End - 4.6m
Part No. BEQA3515A-M



BERNARD 400 AMP GUNCABLE

Rugged heavy duty genuine BERNARD 400 Amp gun for heavy industrial fabrication applications. Suited for WELDMATIC, WELDMATIC FABRICATOR, MILLER, SYNCHRO-PULSE machines.

Duty cycle: 300 Amp @ 100% with mixed gas.

Bernard quick disconnect - 3m
Part No. BEQA410B-B

Euro Fitting - 3m
Part No. BEQA410B-E

Miller End - 3m
Part No. BEQA410A-BM

Bernard quick disconnect - 4.6m
Part No. BEQA415B-B

Euro Fitting - 4.6m
Part No. BEQA415B-E

Miller End - 4.6m
Part No. BEQA415A-M



BERNARD 500 AMP GUNCABLE

Rugged heavy duty genuine BERNARD 500 Amp gun for heavy industrial production applications. Suited for WELDMATIC SUPERMIG, MILLER machines.

Duty cycle: 400 Amp @ 100% with mixed gas.

Bernard quick disconnect - 3m
Part No. BE2-4510

Miller End - 3m
Part No. BE2-4510BM

Bernard quick disconnect - 4.6m
Part No. BE2-4515

Miller End - 4.6m
Part No. BE2-4515BM



BERNARD 600 AMP GUNCABLE

Rugged heavy duty genuine BERNARD 600 Amp gun for heavy industrial production applications. Suited for WELDMATIC SUPERMIG, MILLER machines.

Duty cycle: 500 Amp @ 100% with mixed gas.

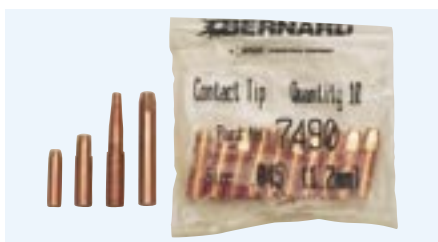
Bernard quick disconnect - 3m
Part No. BE4610

Bernard quick disconnect - 4.6m
Part No. BE4615



ASK FOR BROCHURE ON BERNARD TORCHES FOR ROBOTIC & AUTOMATIC APPLICATIONS

Bernard MIG Gun Consumables



CONTACT TIPS (Packets of 10)

Genuine Bernard contact tips, liners, nozzles, head assemblies for long lasting performance.



TIPS (Packets of 10)

TO SUIT 160 AMP GUN*

Size (mm)	Part No.
0.6	BE8621
0.8	BE8622
0.9	BE8623
1.0	BE8624
1.2	BE8626



SHORT TIPS (Packets of 10)

TO SUIT 200, 300, 350 & 400 AMP GUNS

Size (mm)	Part No.
0.6	BE7497
0.8	BE7488
0.9	BE7489
1.0	BE7496
1.2	BE7490
1.3	BE7498
1.6	BE7491
2.0	BE7492
2.4	BE7493
2.8	BE7494
3.2	BE7495



LONG TIPS (Packets of 10)

TO SUIT 200, 300, 350 & 400 AMP GUNS

Size (mm)	Part No.
0.6	BE1597
0.8	BE1588
0.9	BE1589
1.0	BE1596
1.2	BE1590
1.3	BE1598
1.6	BE1591
2.0	BE1592
2.4	BE1593
2.8	BE1594
3.2	BE1595



PIPELINE TIPS (Packets of 10)

TO SUIT BE4335 HEAD

Size (mm)	Part No.
0.9	BE4281
1.2	BE4282
1.3	BE4283
Pipeline Nozzle & Insulator	BE4295



LONG PIPELINE TIPS (Packets of 10)

TO SUIT BE4335 HEAD

Size (mm)	Part No.
0.9	BE4381A
1.2	BE4382A
Pipeline Nozzle & Insulator	BE4395A
Head	BE4335



NOZZLES

TO SUIT 160 AMP GUN*

Type	Part No.
Nozzle Copper & Insulator	BE8675
Nozzle Copper & Insulator	BE8714

TO SUIT 200 & 300 AMP GUNS

Type	Part No.
Nozzle Brass & Insulator	BE4391
Nozzle Brass Tapered & Insulator	BE4392
Nozzle Copper & Insulator	BE4393
Nozzle Copper Tapered & Insulator	BE4394

TO SUIT 400 AMP GUN

Type	Part No.
Nozzle Brass & Insulator	BE4491
Nozzle Brass Tapered & Insulator	BE4492

TO SUIT 400 & 500 AMP GUNS

Type	Part No.
Nozzle Copper & Insulator 400/500A	BE4591
Nozzle Copper Tapered & Insulator	BE4592
Nozzle Copper water cooled	BE1101



CAPS AND HEAD ASSEMBLIES

Type	Part No.
Cap 300A	BE4323
Cap 400A	BE4423
Head 200/300A Short Tip	BE4335
Head 350/400/500A Short Tip	BE4435
Head 200/300A Long Tip	BE4235
Head 200/300 long tip, liner guide	BE4235-116
Head 350/400/500 A Long Tip	BE4635
Head 350/400/500 long tip, liner guide	BE4635-116



BERNARD BODY TUBES

Quick-change armour plated and fully insulated genuine BERNARD body tubes to suit Bernard 200, 300, 350 and 400 Amp guns. Interchangeable with all "Q" guns regardless of amperage.

Size	Part No.
50mm 30°	BEQT2-30
50mm 45°	BEQT2-45
50mm 60°	BEQT2-60
75mm 30°	BEQT3-30
75mm 45°	BEQT3-45
75mm 60°	BEQT3-60
125mm 45°	BEQT5-45
125mm straight	BEQT5-180
175mm straight	BEQT7-180



TWECO TO BERNARD ADAPTORS

	Part No.
300A Bernard head to suit Tweco torch	BE4335T
400A Bernard head to suit Tweco torch	BE4435T

*160 AMP BERNARD GUN AS PREVIOUSLY SUPPLIED WITH WELDMATIC 120G & 160S



Bernard MIG Gun Parts



LINERS

STEEL LINERS TO SUIT 160 AMP GUN*

Size (mm)	Part No.
0.6-0.8	BE86010
0.9-1.2	BE86110
0.9-1.2 Nylon	BE86110X
0.9-1.2 Front End loading	BE1920082
1.2-1.6 Front End loading	BE1920087

TO SUIT 200, 300 & 350 AMP GUNS

Size (mm)	Part No.
0.9-1.2 3.0m Steel	BE43110
0.8 4.6m Steel	BE43015
0.9-1.2 4.6m Steel	BE43115
0.9-1.2 4.6m Nylon	BE43115X
0.9-1.2 4.6m Composite	BE1920218
0.9-1.2 4.6m Tweco	BE43115T
0.9-1.2 4.6m Tweco Nylon	BE43115XT

TO SUIT 400 & 500 AMP GUNS

Size (mm)	Part No.
0.9-1.2 4.6m Steel	BE44115
1.2-1.6 4.6m Steel	BE44215
1.2-1.6 4.6m Nylon	BE44215N
2.0 4.6m Steel	BE44315
2.4 4.6m Steel	BE45415
2.8 4.6m Steel	BE45615



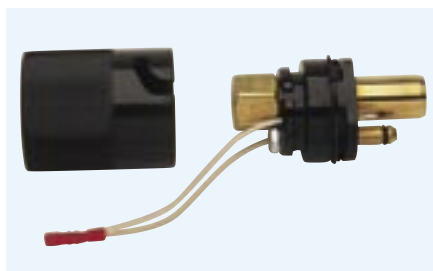
ALUMINIUM LINER GUIDES

TO SUIT W19 AND W37

Size	Part No.
0.9 - 1.2mm	BE2760002
1.2 - 1.6mm	BE2760003

WIREFEEDER ADAPTORS

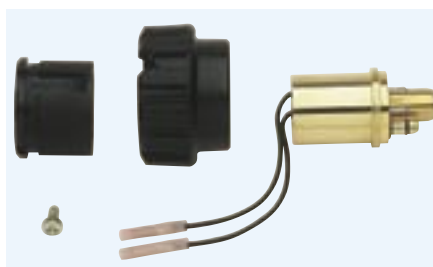
TO SUIT ALL BERNARD WELDING GUNS



Bernard EZ fitting

Part No.

BE1199



Euro fitting

Part No.

BE1199E



Miller fitting

Part No.

BE1199M



Tweco fitting to suit T4

Part No.

BE1199T4

REPLACEMENT PARTS

TO SUIT ALL BERNARD WELDING GUNS

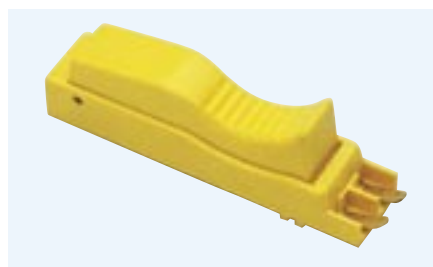


Handle kits

Suit 200/300/350A guns
Suit 400/500A guns

Part No.

BE1780006
BE4408



Trigger

Suit 200/300/350A guns
Suit 400/500A guns

Part No.

BE5662
BE4422

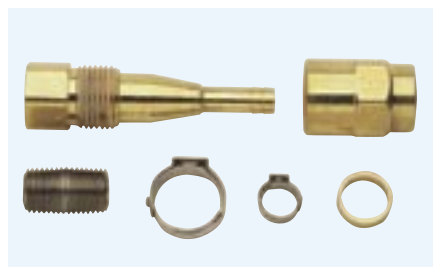


Strain relief

Suit all models

Part No.

BE1880074



Cone nut kits

Suit 200A
Suit 300/350A
Suit 400A

Part No.

BE1982
BE1983
BE1984



Gas Regulators & Heaters

MIG / TIG GAS REGULATORS

Gas pressure regulators for MIG and TIG applications. Features include built-in safety relief valve, easy to read gauges, accurate flow settings and availability of replacement parts.



Regulator / flow gauge, Argon
Part No. WGAC24



Regulator / flow gauge, CO²
Part No. HA801C0



Regulator / bobbin flow meter, 30L/min
Part No. GW251195



Argon regulator nut and tail
Part No. WGAC23



Regulator / flow gauge, Argon
Part No. GW251190

GAS HEATERS CO²

Use with CO² regulators to avoid problems resulting from regulator freezing.



Gas preheater 110 Volt
Part No. FROK3

Water Coolers



COOLMATE 4

Part No. MR042288, 115 Volt AC

15L durable water cooler. For MIG and TIG applications with all MILLER equipment.

Hulftegger Pull Guns & Accessories



HULFTEGGER PULL GUNS

Pistol grip type air cooled pull gun incorporating high torque wire drive. Conveniently mounted remote voltage and wire feed controls. Neck assembly can be rotated 3600 providing all positional capability. Eight metre one piece cable assembly. Ideal for applications requiring access in confined spaces such as fabrication and repair of ship bulk heads, aluminium fuel tankers, etc. Current rating 200 Amps, 60% Duty Select from straight and curved neck assemblies.

For W19-1 wirefeeder
Part No. HT24-0

For W41 and W37-2 wirefeeders
Part No. HT24-1

ACCESSORIES

	Part no.
Push-pull kit for W41 wirefeeder to HT24-1 pull gun	AM287-0
Straight neck assembly*	HT24-11
Curved neck assembly*	HT24-12
Neck liner	HT300-806
Steel torch liner - 8m	HT300-161
Nylon torch liner - 8m	HT300-166/1

* Used with Bernard MIG gun consumables

High-Frequency systems



HIGH-FREQUENCY ARC STARTER

Part No. MR042388 HF-251D-1,

115 Volt AC

Part No. MR042387 HF-251-2,

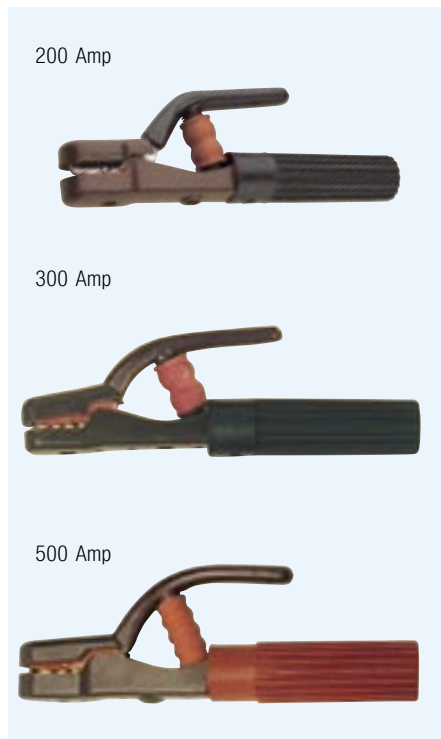
230 Volt AC

Portable 250 Amp, 60% duty cycle units add high-frequency to the welding circuit to help start the arc when using TIG process.

Weldgear

ELECTRODE HOLDERS

High quality robust electrode holders.

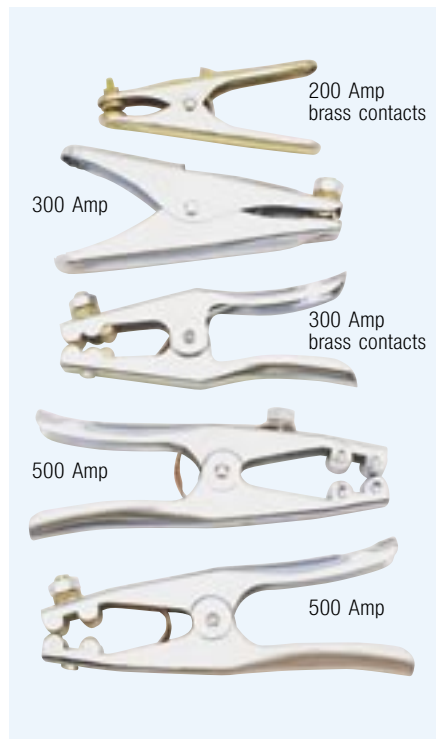


TONG TYPE

Type	Part No.
200 Amp	WGEH1
300 Amp	WGEH2
500 Amp	WGEH3

WORK CLAMPS

Light and Heavy duty work clamps.

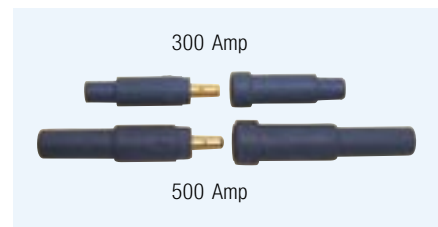


TONG TYPE

Type	Part No.
200 Amp brass contacts	WGWC1
300 Amp	WGWC5
300 Amp brass contacts	WGWC2
500 Amp brass contacts	WCWC3
500 Amp aluminium contacts	WGWC4

CABLE CONNECTORS - JB TYPE

Medium and heavy duty in-line cable connectors with rubber insulation. Tapered pin twistlock for reliable electrical connection when extending work and welding cables. Supplied as plug and socket pair.



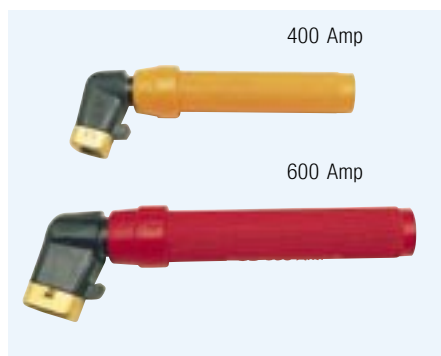
Type	Part No.
300 Amp	WGEC1
500 Amp	WGEC2

CABLE CONNECTORS - DINSE TYPE

Dinse style connectors for quick and reliable connection to welding power sources or extending weld cables. Neoprene rubber insulation and tapered twist lock action.

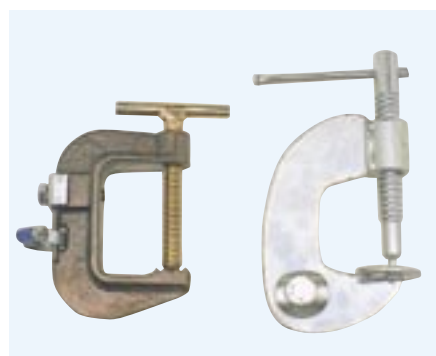


Type	Part No.
Miniature plug (25mm ² cable or less)	WGEC3
Plug (for 35mm ² cable or more)	WGEC4



TWIST LOCK

Type	Part No.
400 Amp Twist Lock	WGEH4
600 Amp Twist Lock	WGEH5



'G' TYPE

Type	Part No.
360 Amp Cast 'G' type	AA2
500 Amp 'G' type	AA3



Type	Part No.
Miniature socket (25mm ² cable or less)	WGEC5
Socket (for 35mm ² cable or more)	WGEC6

WELDING CABLE LUGS

Tinned copper lugs for welding cables.



Amps	Part No.
100	CL100
200	CL200
300	CL300
400	CL400
500	CL500



Weldgear

COPPER WELDING CABLE

Highly flexible copper welding cable. Synthetic rubber insulation is self-extinguishing and resists oil, solvents and chemicals.

Size (mm ²)	Part No.
10 (322/0.2)	CABW10
16 (510/0.2)	CABW16
25 (792/0.2)	CABW25
35 (1121/0.2)	CABW35
50 (703/0.3)	CABW50
70 (988/0.3)	CABW70
95 (1332/0.3)	CABW95

Available in cut lengths and 100m reels

FLEXIBLE PRIMARY CABLE

Highly flexible multi-core copper primary cable. Synthetic rubber insulation resists oil, solvents, chemicals and ultra-violet exposure.

Amps	Part No.
30 3 core (84/0.30) 6.0mm ²	FLEX303
30 4 core (84/0.30) 6.0mm ²	FLEX304
40 4 core (77/0.40) 10.0mm ²	FLEX404
50 4 core (128/0.4) 16.0mm ²	FLEX504

Available in cut lengths and 100m reels

SINGLE PHASE PRIMARY PLUGS

Heavy duty straight plugs in see-through high impact plastic body moulding.



Amps	Part No.
15 3 pin 1 phase	CLP43915HD

3 PHASE PRIMARY SUPPLY PLUGS

Industrial rating IP66 type straight plugs. See-through high impact plastic body moulding.



Amps	Part No.
10 4 pin 3 phase	CLI56P410
20 4 pin 3 phase	CLI56P420
32 4 pin 3 phase	CLI56P432



CHIPPING HAMMERS

Durable robust chipping hammers with drop forged steel head and rubber or spring type handle.

Type	Part No.
Spring Handle	WGAC1
Rubber Handle	WGAC2

SPATTER RELEASE AGENTS



ANTISPATTER

An effective weld spatter release spray for use on carbon steel assemblies where weld spatter removal is essential. Makes clean up easier, saves valuable production time, safe to use, non flammable and environmentally friendly.

Part No.	
Refillable spray bottle 500ml	ANTISPAT500ML
Pail 5L	ANTISPATTER5L
Pail 10L	ANTISPATTER10L
Pail 25L	ANTISPATTER25L
Aerosol spray can 500ml	ANTISPATTERCAN



MIG DIP

Simple and effective protection against spatter build up on MIG tips and nozzles. Non toxic and non flammable. Safety data available on request.

Part No.	
MIG dip jar 500ml	MIGDIP500
MIG dip jar 1 Litre	MIGDIP

LEATHER GLOVES

A selection of gloves for welding and materials handling.



Blue welding glove, 406mm (16") long premium quality selected leather, sewn with heat resistant kevlar thread, fully lined, welted seams, reinforced palm, thumb and knuckle guard.

Part No.	
Gloves	GLV001
Gloves (package Weldgear)	WGAC8



Black & gold welding glove, 350mm (14") long, medium quality leather, fully lined, welted seams.



TIG welding glove, 280mm (11") long, premium quality, soft grain leather for sensitive touch.

SELECTION GUIDE FOR WELDING CABLES

Recommended cable size (mm²) for total cable length (electrode + work cable) and welding Amps

Total cable length (m)	10	15	20	30	40	50	60	80	100	120
Welding Amps	100	10	10	25	25	25	35	50	50	70
@ 60% Duty	150	25	25	25	25	35	50	50	70	95
	200	25	25	35	35	50	50	70	95	2x70
	250	35	35	35	50	70	95	95	2x70	2x95
	300	50	50	50	70	70	95	2x70	2x70	2x95
	350	50	50	50	70	95	95	2x70	2x70	2x95
	400	70	70	70	70	95	95	2x70	2x95	
	500	95	95	95	95	2x70	2x70	2x70	2x95	
	600	95	95	95	95	2x70	2x95	2x95		

Active Eye Protection Welding Helmets

Light and comfortable welding helmets with Active Eye Protection. The solar powered lenses automatically darken from shade 3 to welding shade when arc is struck. Twin sensors ensure reliable operation.



AEP11 Helmet
Part No. AEP11-0
 Basic lens auto-darkens to shade 11 when arc is struck. Can be upgraded to shade 12.5 by using a shade-on lens. Lens area 52mm x 108mm.



AEP11X Helmet
Part No. AEP11X-0
 Auto-darkening shade 11 lens. Additional area of fixed shade 11 provides extended viewing area when welding. Lens area 90mm x 110mm.



AEP913 Helmet
Part No. AEP913-0
 Auto-darkening shade can be selected in the range shade 9 to 13. Suitable for a wide range of welding processes & application. Lens area 52mm x 108mm.

Lenses & Parts for Welding Helmets

WELDING HELMET

Part No. WGAC10

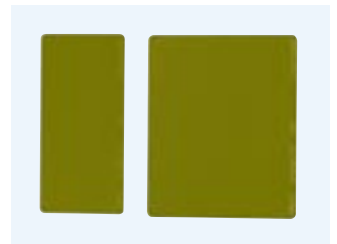
Durable, blue moulded helmet with fixed shade and lift up lens.



AEP524 Lens Part No. AEP524-0
 Shade 11 auto-darkening lens, fits most standard helmets and can be used to upgrade the WGAC10 helmet. Lens area 52mm x 108mm.



Cover lenses Part No.
 Suit AEP11, 52mm x 108mm **AEP11-0/4**
 Suit AEP11X and AEP913, **AEP11X-0/4**
 90mm x 110mm

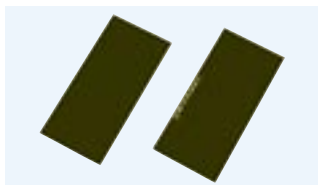


Shade-on lenses Part No.
 Suit AEP11, 52mm x 108mm **AEP11-0/5**
 Suit AEP11X and AEP913, **AEP11X-0/5**
 90mm x 110mm

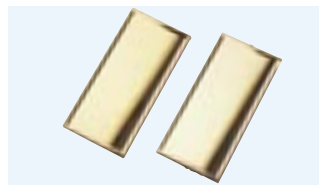
HELMET HEADGEAR



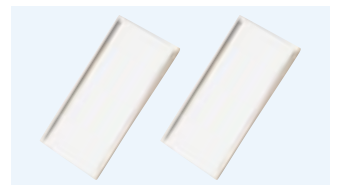
Part No. GA3426
 Suit WGAC10



FILTER LENSES 52 x 108mm Part No.
 Filter Lens Shade 8 **GA3508**
 Filter Lens Shade 9 **GA3509**
 Filter Lens Shade 10 **GA3510**
 Filter Lens Shade 11 **GA3511**
 Filter Lens Shade 12 **GA3512**
 Filter Lens Shade 13 **GA3513**
 Filter Lens Shade 14 **GA3514**
 Filter lens Shade 10 **WGAC5**
 Filter lens Shade 11 **WGAC6**



GOLD FINISHED LENSES 52 x 108mm Part No.
 For a natural colour view of the arc
 Filter Lens Gold Shade 10* **WGAC12**
 Filter Lens Gold Shade 11* **WGAC13**



COVER LENSES 52 x 108mm Part No.
 Clear cover lens **GA3415**
 Clear cover lens (Qty 2)* **WGAC7**
 Magnifying clear lens x 1.5* **WGAC14**
 Magnifying clear lens x 2.0* **WGAC15**



Part No. AEP11-0/2
 Suit AEP helmets
Part No. AEP11-0/3
 Comfort bands (PK 5)

ARC WELDING FILTER SELECTION CHART

The following table is provided to help you select the correct shade welding filter lens.

Amps	TIG	MMAW	MIG	Pulsed MIG
0-100	10	9	10	12-13
100-150	11	10	10	12-13
150-200	12	10-11	11-12	12-13
200-300	13	11	12-13	12-13
300-400	14	12	13	14
400-500	-	13	14	14
500+	-	-	14	14

Recommended shade filter lens



ABRASOCORD electrodes	4	FLASHBACK ARRESTORS	30	ROLLER CUTTING GUIDES - gas cutting	29
ACCESSORY KITS - MIG - Weldmatic	35	FLINT LIGHTERS & replacement flints	30	ROLLER CUTTING GUIDES - plasma	28
AEP helmets & lenses	42	FLUX CORED WIRES - gas shielded joining	11	S-32P WIREFEEDER - Miller	26
AIR PAK - Miller	27	FLUX CORED WIRES - gasless joining	11	SAFETY - Weldgear welding safety	42
ALUMINIUM MIG wires	9	FLUX CORED WIRES - hard surfacing	12	SHIELDS - welding	42
ALUMINIUM TIG rods	14	FLUXES - submerged arc	13	SILICON BRONZE MIG WIRE	9
ANTISPATTER	41	FLUXOFIL - flux cored wires	10	SINGLE FLINTS	30
ARC MACHINES	18	GAS CUTTING GUIDE KIT	29	SPATTER RELEASE AGENTS	41
AUSTARC electrodes - cutting & gouging	5	GAS HEATERS	39	SPECTRUM PLASMA - Miller	28
AUSTARC electrodes - general purpose	2	GAS HOSE	31	STAINCORD - electrodes	6
AUSTARC electrodes - hydrogen controlled	3	GAS WELDING RODS & FLUXES	15	STAINLESS STEEL MIG WIRES	8
AUSTARC electrodes - iron powder	2	GAS WELDING & CUTTING EQUIPMENT	29	STAINLESS STEEL TIG RODS	14
AUSTFLUX - gas welding & brazing fluxes	15	GLOVES - welding	41	STARFLAME - gas welding & cutting kit	29
AUSTMATIC - submerged arc wires	13	GOGGLES - gas welding	31	SUBMERGED ARC WIRES & FLUXES	13
AUSTMIG - MIG wires - aluminium	9	GOUGING CARBONS	16	SUPERCASE - electrodes - cast iron	5
AUSTMIG - MIG wires - carbon & low alloy steels	7	GOUGING NOZZLES	30	SWAGED TIPS - gas welding	29
AUSTMIG - MIG wires - stainless steel	8	GOUGING TORCHES	16	SYNCHRO-PULSE CDT450	24
AUSTMIG TD600 solid hardfacing wire	12	GUN CABLE PARTS	38	SYNCHRO-PULSE 250 DX - Miller	20
AUSTROD - gas welding rods	15	GUN CABLES	36	SYNCHRO-PULSE 350 LX - Miller	20
AUSTROD - TIG welding rods	14	HANDLE - gas welding & cutting	29	TD 600 - hard surfacing wire	12
BERNARD MIG gun cables	36	HARD SURFACING - electrodes	4	THUNDERBOLT XL 300 - Miller	18
BERNARD TIG torches	32	HARD SURFACING WIRES	12	TIG ELECTRODES - tungsten	32
BIG BLUE 602D	27	HEADS - Bernard MIG gun	37	TIG TORCH CABLE COVER	32
BIG BLUE AIR PAK - Miller	27	HEATERS - CO2 gas	39	TIG TORCH PARTS	33
BLISTER PACKED CONSUMABLES	17	HEATING TIPS	29	TIG TORCHES	32
BOBCAT 250NT & 225D	26	HELMETS - welding	42	TIG WELDING MACHINES	19
CABLE - primary & welding	41	HIGH FREQUENCY SYSTEMS	39	TIG WELDING RODS	14
CABLE LUGS & CONNECTORS	40	HOBART - flux cored wires	11	TIP CLEANERS - gas welding	30
CARBON ARC TORCHES	16	HOSES - gas	31	TIPS - Bernard MIG gun	37
CARBONS - arc gouging	16	HULFTEGGER - pull guns	39	TIPS - gas welding - Starflame	29
CHIPPING HAMMERS	41	INDURO 145	19	TRIPLE FLINT LIGHTERS	30
CLAMPS	40	INDURO 165	19	TUBE - ALLOY WIRES - McKay	12
COMBINATION SPANNER - gas welding	30	INDURO VRD10	19	TUBECORD - electrodes	5
CONTACT TIPS - Bernard MIG gun	37	INLET GUIDES- Weldmatic	35	TUNGSTEN - electrodes	32
CUTTING ATTACHMENT - gas cutting	29	LEAD KITS - Weldmatic wirefeeders	35	UNICORD - electrodes	4
CUTTING GUIDES	29	LEATHER GLOVES - welding	41	UTILITY AC12	18
CUTTING NOZZLES - gas cutting	30	LENSES - welding helmets & shields	42	UTILITY AC13	18
CUTTING TORCH	30	LUGS - for welding cable	40	UTILITY AC15	18
CYLINDER KEY - gas welding	30	McKAY - hard surfacing wires	12	UTILITY CV13	21
DELTAWELD - Miller	25	MIG GUN CABLES - Bernard	36	WATER COOLERS	39
DIMENSION - Miller	25	MIG MACHINES - Miller	25	WELDGEAR - welding accessories	40
DRIVE ROLLS - Weldmatic	35	MIG MACHINES - Weldmatic	21	WELDING CABLES	41
DYNASTY 300DX - Miller	20	MIG WIRES - aluminium	9	WELDING GLOVES	41
EARTH CLAMPS	40	MIG WIRES - low alloy steel	7	WELDING HELMETS & LENSES	44
ELECTRODE HOLDERS	40	MIG WIRES - mild steel	7	WELDMATIC 150s	21
ELECTRODES - cast iron	5	MIG WIRES - silicon bronze	9	WELDMATIC 175s	21
ELECTRODES - cellulose	6	MIG WIRES - solid hard surfacing	12	WELDMATIC 215s	22
ELECTRODES - cutting & gouging	5	MIG WIRES - stainless steel	8	WELDMATIC 255s	22
ELECTRODES - dissimilar metals	4	MINIPACK ELECTRODES	17	WELDMATIC 335	23
ELECTRODES - general purpose	2	MIXER - gas welding & cutting	29	WELDMATIC 395	23
ELECTRODES - hard surfacing	4	NOZZLES - Bernard MIG	37	WELDMATIC FABRICATOR	24
ELECTRODES - iron powder	2	OXY & ACETYLENE HOSE CONNECTIONS	30	WELDWELL 31A - electrodes cellulose	6
ELECTRODES - low hydrogen	3	PIPEMASTER - electrodes	6	WELDWELL 7024 - electrodes iron powder	2
ELECTRODES - stainless steel	6	PLASMA CUTTING GUIDE KIT	28	WELDWELL 77 - electrodes low hydrogen	3
ELECTRODES - tubular hardsurfacing	5	PLASMA CUTTING MACHINES - Miller	28	WIREFEEDER S-32P - Miller	26
ELECTRODES - tungsten - TIG	32	PRIMARY SUPPLY CABLES & PLUGS	41	WIREFEEDERS - Weldmatic	34
ENGINE DRIVEN MACHINES	26	PUSH + PULL GUN CABLES	39	WORK CLAMPS	40
FABRICATOR - Weldmatic	24	REGULATORS - MIG & TIG	39	XMT 304 CC/CV - Miller	25
FABSHIELD - flux cored wires	11	REGULATORS - oxy fuel - Starflame	29		
FILTER LENS - welding helmet	42	RETAIL PACKED CONSUMABLES	17		

Welding Industries Limited ABN 18 004 547 111

Trading as

Welding Industries of Australia

Head Office:

5 Allan Street,
Melrose Park,
South Australia 5039

info@welding.com.au

www.welding.com.au

ORDERS AND ENQUIRIES

Phone: 1300 300 884

Facsimile: 1300 301 884

Sales Office Locations :

Adelaide

Albury

Brisbane

Launceston

Melbourne

Newcastle

Perth

Rockhampton

Sydney

Townsville

New Zealand,

Weldwell

120 Penrose Road,
Auckland

P: (64 9) 579 2729

F: (64 9) 525 0953

International Sales :

intl@weldingindustries.com.au





YOUR LOCAL DISTRIBUTOR OF WIA QUALITY WELDING PRODUCTS IS:



www.welding.com.au