For over 45 years, Austarc electrodes have been the choice of professional welders everywhere thanks to their ease of use and reliability. The Austarc brand can be trusted to get the job done.

Regional Distribution Network
Austarc products are available Australia wide, through WIA’s national specialist distribution network. To find your local stockist call 1300 300 884.

Testing & Certification
Every Austarc product is tested and certified to meet strict project quality assurance requirements.

High Performing
Setting the Industry Standard
All Austarc products are high performing, easy to use and can handle the toughest welding projects. Austarc electrodes are manufactured in New Zealand, ensuring consistent product quality and reliability.

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Austarc Electrodes
High Performing
Setting the Industry Standard

THE OPERATOR’S CHOICE
For over 45 years, Austarc electrodes have been the choice of professional welders everywhere thanks to their ease of use and reliability. The Austarc brand can be trusted to get the job done.

MANUFACTURED IN NEW ZEALAND
Manufactured in New Zealand, every electrode uses only the best quality steel. A strict manufacturing process ensures consistent product quality and reliability.

TESTED & CERTIFIED
Every Austarc product is tested and certified to meet strict project quality assurance requirements.

FLIP OVER FOR MORE INFORMATION ON THE FULL RANGE OF AUSTARC ELECTRODES

NATIONAL DISTRIBUTION NETWORK
Austarc products are available Australia wide, through WIA’s national specialist distribution network. To find your local stockist call 1300 300 884.

CONSISTENT PRODUCT QUALITY
Quality assured, every Austarc electrode is guided by ISO 9001, a world recognised standard and is LR certified.

HIGH PERFORMING
Setting the industry standard for over 45 years, all Austarc products are high performing, easy to use and can handle the toughest welding projects.
This WIA selection chart and its recommendations should be used merely as a guide only. Every attempt has been made to ensure that the product information is correct at the time of publication. Before welding, it is recommended by WIA that the materials weldability/position is correct at the time of publication. Before welding, it is recommended by WIA that the materials weldability/position is correct at the time of publication. Before welding, it is recommended by WIA that the materials weldability/position is correct at the time of publication. Before welding, it is recommended by WIA that the materials weldability/position is correct at the time of publication.

PRODUCT SIZE PART NO. DESCRIPTION TYPICAL APPLICATIONS ELECTRODE POSITION

CAST 12P 1920 > Smooth running easy starting electrode with fast freezing slag action. > Mild steels, fencas, trailers, agricultural equipment.
> All general mild steel fabrication and repair work.
> Wrought iron, square/rectangle tubes, C/Ni/Co sections.
> Storage bins, tubular sections, general machinery.

2.0 13520 > General purpose smooth running, easy starting electrode with a very fluid slag. > Trailers, duct work, feed bins, silos, gates, fences and stock yards.
> General machinery and joining light steel to heavy sections.
> All agricultural machinery/components.

3.2 13532 > Very fluid slag action with the glassy slag easily removed from weld metal. > High strength welds on agricultural, grainer bars and stock rakes.
> Ideal for maintenance and repairs of all structural steel, stock gates, roadway iron and stock fences.
> Earth moving equipment and agricultural implements.

4.0 13540

5.0 13550

4.0 2460 > Completely ductile weld deposit containing carbon, chromium, niobium and molybdenum.
> Moisture resistant coating suitable for welding ferritic stainless steels.
> High tensile (770MPa), high chromium high strength nickel alloy steel specially formulated for joining alloy steels and iron, tool and die maintenance.
> For repair and maintenance of unknown composition.
> Non suitable as a buffer or intermediate layer prior to the application of hard surfacing layer.

5.0 2470

6.0 2480

2.0 SC302M25

3.2 SC308M25 > Superior extra low carbon, all positional (except vertical down), smooth arc action rutile type electrode.
> All purpose electrode ideal for welding medium to high carbon or low alloy steel structures and ferrous combinations.
> Ideal for the ‘one electrode’ workshop and joints with poor fit-up.
> Rustproof, square and rectangular tubing, C/Ni/Co sections.
> Excellent slag detachability with good edge wetting.

3.2 SC308M32

4.0 SC31625 > Stainless 316L, 316, 316L, and common 300 series stainless steels.
> Applications found on boat fittings, wine industry and dairy machinery.
> General welding of ferritic stainless steel alloys such as 409, 444 and 30Cr13.
> Common 300 series stainless steel alloys:
> 301, 302, 304 and 304L.

5.0 SC31825

6.0 SC31925 > Low spatter levels with excellent slag detachability for the critical welding of matching type 316 and 316L steels.
> Marine resistant coating suitable for welding ferrotic stainless steel alloys.

6.0 SC31632

2.5 UC31225 > Tungsten carbide particles for superior hardness and wear resistance.
> Applications found on blade fittings, wine industry and dairy machinery.
> Common 300 series stainless steels.
> Set for critical welding of matching type 316 and 316L steels.

3.2 UC31232

3.2 UC31292

4.0 UC31240

2.0 UC31250

5.0 UC31260

2.5 UC31270

3.2 UC31282

4.0 UC31290

5.0 UC31298

SCREW PIN/FRAME 12.5T<br>MINUS 7/16 <br>316L -6 <br>301 <br>302 <br>304 <br>304L <br>316 <br>316L <br>309MO <br>310 <br>312 <br>24 <br>13S <br>24 <br>12P <br>25 <br>6.0 > High nickel electrode for repair and reclamation work.
> Excellent slag detachability with good edge wetting.
> Ideal for the most critical applications found on boat fittings, wine industry and dairy machinery.
> Applications found on blade fittings, wine industry and dairy machinery.
> Common 300 series stainless steels.
> Recommended for repair and reclamation of all standard grades of grey cast iron, malleable iron and austenitic cast iron.
> Soft machinable nickel deposits for lower spatter levels with excellent slag detachability.
> Applications include higher strength grey cast iron, machine bases, pipes and gears.

3.2 SN152

4.0 SN162

5.0 SN172

6.0 SN182

2.5 HF07032 > Pure nickel, graphite coated AC/DC electrode producing a ductile, fully machinable weld deposit.
> High nickel electrode for repair and reclamation work.
> High nickel electrode for repair and reclamation work.
> Yellow coating and soft/hard surfacing.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.

3.2 HF07040

4.0 HF07050

5.0 HF07060

2.5 HF35032 > Ductile wear resistant iron hardening C/Mn/Cr alloy.
> High bead up and surfacing of steel components subjected to metal to metal wear and compressive loading.
> Single layer onto mild steel typical hardness 60-65 HRc, multilayer typical hardness 60-65 HRc.
> High bead up and surfacing of steel components subjected to metal to metal wear and compressive loading.
> Single layer onto mild steel typical hardness 60-65 HRc, multilayer typical hardness 60-65 HRc.

3.2 HF35040

4.0 HF35050

5.0 HF35060

2.5 HF35070

3.2 AC4332 > Hard, air hardening, martempering type weld deposits.
> High hardness, high carbon content, high chromium, molybdenum deposits.
> Suitable for surfacing of post hole augers, agricultural points, shares and tines, grinder and cultipacker points.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.

4.0 AC4340

5.0 AC4345

6.0 AC4350

2.5 TB6060

3.2 TB6062 > Very high chromium/nickel carbides deposits.
> High hardness, high carbon content, high chromium, molybdenum deposits.
> Suitable for surfacing of post hole augers, agricultural points, shares and tines, grinder and cultipacker points.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.

4.0 TB6064

5.0 TB6065

6.0 TB6066

2.5 TB6068

3.2 TB6070 > High carbon, low nickel steel providing a high hardness, high chromium, molybdenum deposit.
> High hardness, high carbon content, high chromium, molybdenum deposits.
> Suitable for surfacing of post hole augers, agricultural points, shares and tines, grinder and cultipacker points.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.
> Components subject to fatigue or flexing during service.
> Single layer onto mild steel typical hardness 55-60 HRc, multilayer typical hardness 55-60 HRc.

4.0 TB6072

5.0 TB6074

6.0 TB6076
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High performing Austarc® Electrodes are distributed by Miller and Hobart. Austarc® Electrodes are trusted by the best in the world.

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