
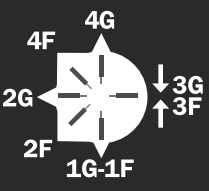

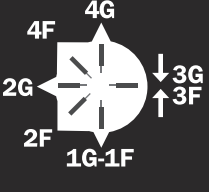

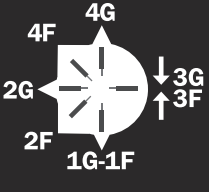




Electrode Selector

SELECT THE RIGHT ELECTRODE FOR YOUR APPLICATION.


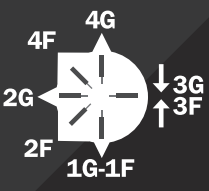
MILD STEEL RUTILE COATED - General Purpose

NAME	DESCRIPTION	POSITIONS
WELDWELL PH28  TIP	<ul style="list-style-type: none">› Universal general purpose electrode, very easy to use› Very good weld appearance for all positions› Excellent X-Ray properties› Easy to apply in vertical up and overhead positions› Easy to use for less experienced operators› AS/NZS 4855B E4313A, AWS A5.1 E6013› Available sizes: 2.5, 3.2, 4.0mm	
WELDWELL PH48A  TIP	<ul style="list-style-type: none">› For welding in all positions› Easy arc starting and restarting properties› A good electrode for welding galvanised and steel pipes› AS/NZS 4855B E4313A, AWS A5.1 E6013› Available sizes: 2.5, 3.2, 4.0mm	
WELDWELL PH68  TIP	<ul style="list-style-type: none">› For welding in all positions› Produces a rapid freezing slag› Excellent slag control for vertical down welding› Excellent for galvanised steels› Ideal for poor-fitting work where large gaps have to be bridged› AS/NZS 4855B E4313A, AWS A5.1 E6013› Available sizes: 2.5, 3.2, 4.0mm	


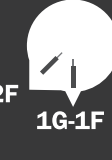
MILD/MEDIUM TENSILE STEEL - Low Hydrogen

NAME	DESCRIPTION	POSITIONS
WELDWELL PH16TC  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Easy striking on AC and DC› For carbon steel/high strength steels› Very fluid slag action and easy slag removal› Exceptional arc stability› X-Ray quality› Suitable for welding structural steels, transport and agricultural equipment› AS/NZS 4855B E4916AU H10, AWS A5.1 E7016 H8› Available sizes: 2.5, 3.2, 4.0mm	
WELDWELL PH56S  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Deposits a very pure weld› Exceptional mechanical and X-Ray properties› For use on mild, unalloyed, micro alloyed and low alloyed steels› Suitable for offshore fabrication, pipe welding, structural steel construction, oil and gas applications› AS/NZS 4855B E4916AU H5, AWS A5.1 E7016 H8› Available sizes: 2.5, 3.2, 4.0mm	
WELDWELL PH77  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Produces very little spatter› Exceptionally smooth arc performance› Easy to control and easy to remove slag› For low alloy, high tensile steels and steels with LT40 specification› Suitable for repair and maintenance of earth moving plants, pressure vessels, turbines and heavy construction beams› AS/NZS 4855B E4918-1AU H5, AWS A5.1 E7018-1 H8› Available sizes: 2.5, 3.2, 4.0mm	
HOBART HOBALLOY 11018M  TIP	<ul style="list-style-type: none">› Good ductility› Low spatter level› Quick and easy slag removal› Low moisture re-absorption› Low smoke level› For welding Bisalloy 80, 4140 and other high strength steels› AS/NZS 4857 B-E7618-N4M2 A U H5, AWS A5.5 E11018M H4R› Available sizes: 3.2, 4.0mm	


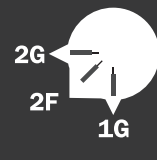



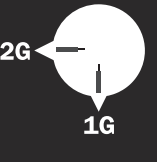
MILD STEEL - Cellulose Coated

NAME	DESCRIPTION	POSITIONS
WELDWELL PH31A  TIP	<ul style="list-style-type: none">› Formulated for a deeply penetrating arc with a fast burn-off rate› Good mechanical X-Ray characteristics› The easy to ignite arc is powerful and extremely stable› Easy to remove slag› Suitable for pipe welding, site fabrication, maintenance and general fabrication› AS/NZS 4855B E4311A, AWS A5.1 E6011› Available sizes: 3.2, 4.0mm	


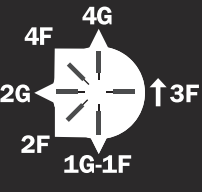

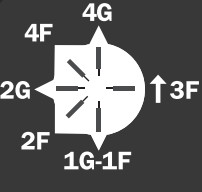

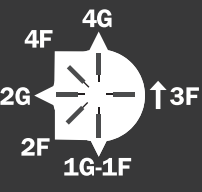

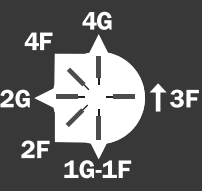
MILD STEEL - Iron Power

NAME	DESCRIPTION	POSITIONS
WELDWELL PH7024  TIP	<ul style="list-style-type: none">› Developed for high speed welding of mild steel in the down-hand and horizontal positions› High efficiency› Excellent mechanical properties and weldability› Suitable for shipbuilding applications, bridge girders, crusher frames, buckets, roof trusses, rolling stock, pressure vessels, heavy machinery frames etc.› AS/NZS 4855B E4924A, AWS A5.1 E7024› Available sizes: 3.2, 4.0, 5.0mm	

HARD SURFACING

NAME	DESCRIPTION	POSITIONS
WELDWELL PH400  TIP	<ul style="list-style-type: none">› Smooth running and easy to use› Heavy build-up and surfacing of steel components subject to metal to metal wear and compressive loading› Suitable for welding shafts, grouser plates, shovel pads, track links, idler wheels, dragline pins, etc.› Typical undiluted hardness 38Rc› AS/NZS 2576 1435-A4› Available sizes: 3.2, 4.0mm	
WELDWELL PH600  TIP	<ul style="list-style-type: none">› Deposits a weld metal containing carbon chromium and magnese› Highly resistant to abrasive wear› Very good properties against sliding and rolling friction› Suitable for welding shares and tynes, post hole augers, grader and cultivator blades and agriculture parts subject to wear› Typical undiluted hardness 59Rc› AS/NZS 2576 1855-A4› Available sizes: 3.2, 4.0mm	
WELDWELL PH700  TIP	<ul style="list-style-type: none">› Deposits a high chromium, high carbon type alloy› Has good resistance to scaling and corrosion in high temperatures› Can be deposited directly onto mild steel, low alloy steel, or austenitic manganese steel› Easy to control and easy to remove slag› For low alloy, high tensile steels and steels with LT40 specification› Suitable for welding furnace parts, rolling mill guides, conveyor screws, dozer blades, ripper teeth, etc.› Typical undiluted hardness 62Rc› AS/NZS 2576 2460-A4› Available sizes: 3.2, 4.0mm	

STAINLESS STEEL

NAME	DESCRIPTION	POSITIONS
WIA STAINCORD 309L  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Easy arc starting› For joining stainless and carbon steel› Very fluid slag action and easy to remove slag› X-Ray quality› Suitable for welding stainless steel containing 22 - 25% Cr and 12 - 14% Ni, dissimilar metals and welding buffer layers of 18/8 clad steels› AS/NZS 4854-B-ES309L-16, AWS A5.4 E309L-16› Available sizes: 2.6, 3.2mm	
WIA STAINCORD 309Mo-16  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Deposits a very pure weld› Exceptional mechanical and X-Ray properties› For use on mild, unalloyed, micro alloyed and low alloyed steels› Suitable for offshore fabrication applications, mild/low alloy steels and AISI 309 type alloys› AS/NZS 4854-B-ES309LMo-16, AWS A5.4 E309LMo-16› Available sizes: 2.6, 3.2mm	
WIA STAINCORD 316L-16  TIP	<ul style="list-style-type: none">› Suitable for all positions (except vertical down)› Produces very little spatter› Exceptionally smooth arc performance› Easy to control and easy to remove slag› For low alloy, high tensile steels and steels with LT40 specification› Suitable for welding most common 300 series stainless alloys and 409, 444 and 3CR12 ferric type alloys› AS/NZS 4853-B-E316L-16, AWS A5.4 E316L-16› Available sizes: 2.6, 3.2mm	
WIA UNICORD 312  TIP	<ul style="list-style-type: none">› Good ductility› Low spatter level› Quick and easy slag removal› Low moisture re-absorption› Low smoke level› Suitable for repair and maintenance of steels of unknown composition, a universal maintenance electrode› AS/NZS 4854-B-E312-16, AWS A5.4 E312-16› Available sizes: 3.2mm	

Made in NZ
since 1967.

All Weldwell branded arc electrodes are manufactured locally right here in New Zealand. However Hobart and WIA Staincord & Unicord electrodes are manufactured overseas by partner ITW Welding companies.

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