

MIG Star™ No. 4

MIG STAR

Air Cooled MIG Welding Gun

Rating: 400A C02 350A mixed gas @ 60% Duty Cycle. EN60974-7 0.0309-5/649/0.8mm-2.0mm wires. TWECO® compatible

Features & Benefits

NOZZLES

- Maximize performance
- Manufactured from copper to enhance heat dissipation
- Adjustable tip recess
- Manufactured to exacting specifications

CONTACT TIPS

- Manufactured using a harder and higher conductivity copper alloy for industry leading durability

SWAN NECKS

- A copper core provides excellent heat dissipation
- Stainless Steel Outer Jacket
- Durable and Robust

ERGONOMIC HANDLE

- Maximizes user comfort
- Ergonomic design for balance and strength
- Enhances wire feeding performance

HANGER HOOKS

- Easy to store
- Less prone to damage
- Encourages an efficient and tidy workspace

KNUCKLE JOINT

- Improved maneuverability
- Small movements of the handle and neck are possible independently of the cable assembly
- Provides enhanced flexibility
- Prolongs cable life

HYPERFLEX™ CABLE SYSTEMS

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity while the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 707°F

GUN PLUG BODIES

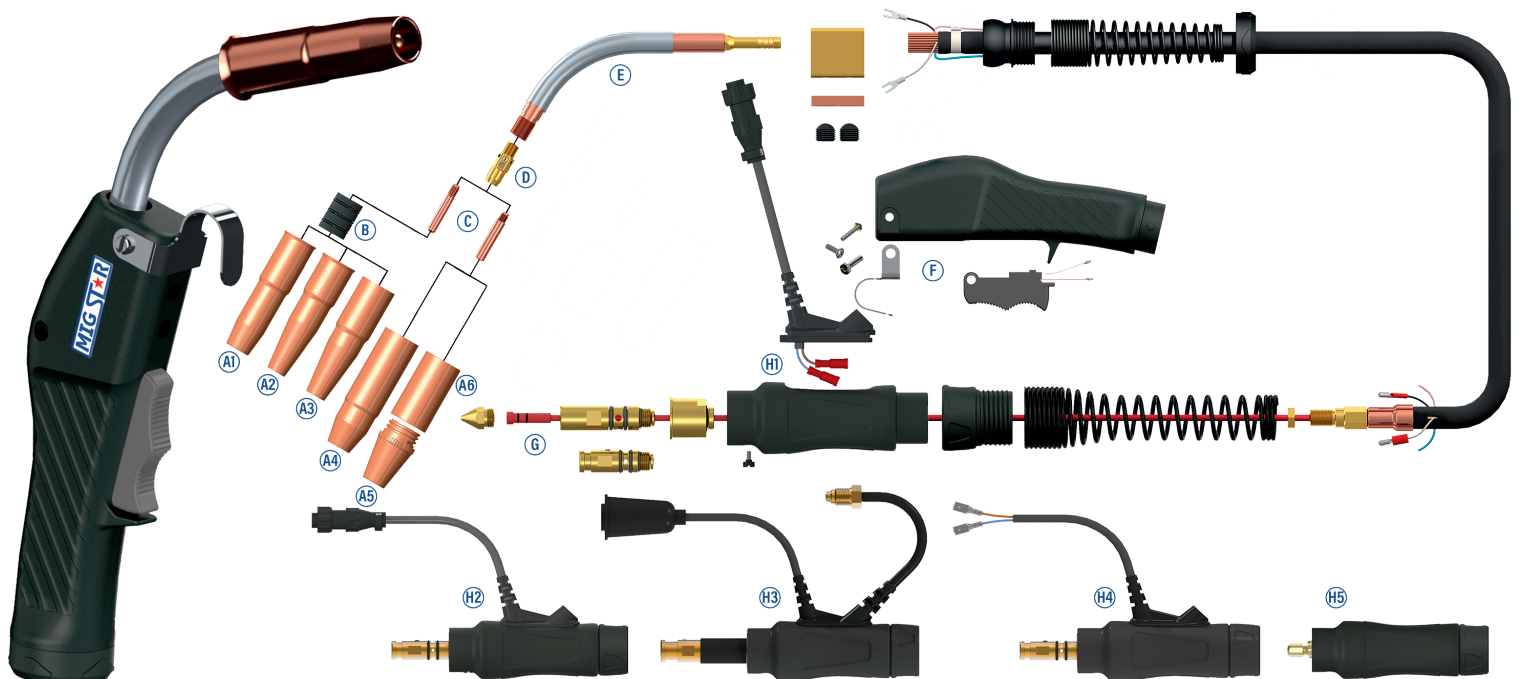
- Spring loaded pins
- Guaranteed gas seals

CABLE SUPPORTS

- Improved wire feed
- The perfect balance of freedom of movement and progressive support to the power cable is achieved

MACHINE END SYSTEMS

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits



Assembled MIG Star™ No. 4 Stocked Models

Item Number	Model Description	Package Includes
MST40015	400 AMP TWECO® STYLE TWECO® COMPATIBLE BACK END 15' MIG GUN	<ul style="list-style-type: none"> • 400 AMP TWECO® STYLE MIG GUN • ADJUSTABLE NOZZLE • ADJUSTABLE NOZZLE INSULATOR • CONTACT TIP • GAS DIFFUSER • CONDUCTOR TUBE • HANDLE KIT • TRIGGER SWITCH • LINER CONDUIT
MST40025	400 AMP TWECO® STYLE TWECO® COMPATIBLE BACK END 25' MIG GUN	
MSM40015	400AMP TWECO® STYLE MILLER® COMPATIBLE BACK END 15' MIG GUN	
MSM40025	400 AMP TWECO® STYLE MILLER® COMPATIBLE BACK END 25' MIG GUN	
MSM415116	400 AMP TWECO® STYLE/MILLER® COMPATIBLE BACK END 15' MIG GUN WITH 1/16" LINER	
MSL40015	400 AMP TWECO® STYLE LINCOLN® COMPATIBLE BACK END 15' MIG GUN	
MSL40015N	400 AMP TWECO® STYLE LINCOLN® L3 COMPATIBLE BACK END 15' MIG GUN	
MSL40025N	400 AMP TWECO® STYLE LINCOLN® L3 COMPATIBLE BACK END 25' MIG GUN	
MSX40015	400 AMP TWECO® STYLE EURO COMPATIBLE BACK END 15' MIG GUN	

MIG Star™ No. 4 Welding Gun Parts

A	Nozzles (400 AMP)	
	Item Number	Description
1	MS24A50	Nozzle Adjustable 1/2" (13mm) use w/34A
	MS24A62	Nozzle Adjustable 5/8" (16mm) use w/34A
	MS24A75	Nozzle Adjustable 3/4" (19mm) use w/34A
	MS24AH62	Nozzle HD Adjustable 5/8" (16mm) use w/34A
2	MS24A50SS	Nozzle Adjustable 1/2" (13mm) Short Stop use w/34A
	MS24A62SS	Nozzle Adjustable 5/8" (16mm) Short Stop use w/34A
3	MS23T37	Nozzle Self insulated 3/8" (9.5mm) Tapered
	MS2350F	Nozzle Self Insulated 1/2"(13mm) Flush
4	MS2337	Nozzle Self insulated 3/8" (9.5mm)
	MS2350	Nozzle Self Insulated 1/2" (13mm)
	MS2362	Nozzle Self Insulated 5/8" (16mm)
	MS2375	Nozzle Self Insulated 3/4" (19mm)
	MS24AH75	Nozzle Self insulated 3/4" (19mm)
5	MS24CT62S	Nozzle 5/8" (16mm) Recessed use w/MS34CT
6	MS34CT	Nozzle Insulator w/Coarse Thread Nozzles

B	Nozzle Insulator (400 AMP)	
	Item Number	Description
	MS34A	Nozzle Insulator

C	Contact Tips (400 AMP)	
	Item Number	Description
	MS1423	Contact Tip .023" (0.6mm) Wire Size
	MS14H116	Contact Tip 1/6 (1.6mm) Wire Size
	MS14H564	HD Contact Tip 5/64 (2.0mm) Wire Size
	MS14HT45	HD Tapered Contact Tip .045" (1.2mm) Wire Size
	MS14T116	Tapered Contact Tip 1/16" (1.6mm) Wire Size

D	Gas Diffusers (400 AMP)	
	Item Number	Description
	MS54A	Gas Diffuser 1/4UNF Tip Thread
	MS55SW	Gas Diffuser 5/16UNF Tip Thread

E	Swan Neck Conductor Tubes (400 AMP)	
	Item Number	Description
	MS62J60	60° Conductor Tube
	MS62J45	45° Conductor Tube

F	Handle Kit & Trigger Switch (400 AMP)	
	Item Number	Description
	MS84HK	Handle Kit c/w Screws and Support
	MS94R	Trigger Switch

G	Handle Kit & Trigger Switch (400 AMP)	
	Item Number	Description
	MS44354515	15' Liner Conduit .030-.035" (0.9-1.2mm) Wire Size
	MS44354525	25' Liner Conduit .030-.035" (0.9-1.2mm) Wire Size
	MS4411615	15' Liner Conduit 1/16" (1.6mm) Wire Size
	MS4411625	25' Liner Conduit 1/16" (1.6mm) Wire Size
	MS4456415	15' Liner Conduit 5/64" (2.0mm) Wire Size
	MS44N11615	15' Nylon Conduit 1/16" (1.6mm) Wire Size
	MS44N354515	15' Nylon Conduit .035-.045" (0.9mm-1.2mm) Wire Size

H	Alternative Ends (400 AMP)	
	Item Number	Description
1	MSM40015	Miller® Compatible Back End - 400 Amp 15' Tweco® Style No. 2
	MSM40025	Miller® Compatible Back End - 400 Amp 25' Tweco® Style No. 2
	MSM415116	Miller® Compatible Back End - 400 Amp 25' Tweco® Style No. 2 with 1/16" Liner
2	MSL40015N	Lincoln® L3 Compatible Back End - 400 Amp 15' Tweco® Style No. 2
	MSL40025N	Lincoln® L3 Compatible Back End - 400 Amp 25' Tweco® Style No. 2
3	MSL40015	Lincoln® Compatible Back End - 400 Amp 15' Tweco® Style No. 2
4	MST40015	Tweco® Compatible Back End - 400 Amp 15' Tweco® Style No. 2
	MST40025	Tweco® Compatible Back End - 400 Amp 25' Tweco® Style No. 2
5	MSX40015	Euro Compatible Back End - 400 Amp 15' Tweco® Style No. 2

Applications

Shipyards • Steel mills • Construction • Wind energy • Gas • Demolition
Utility Crews • Oil Pipelines • Salvage • Fabrication • Manufacturing

 Prop 65 Warning: This product can expose you to chemicals Hexavalent Chromium (Chromium 6), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov