

TIG Star™ 18

Water Cooled TIG Welding Torch

Rating: 350A DC, 260A AC @ 100% Duty Cycle. EN60974-7 0.0209 TO 5/329/0.5mm-4.0mm Electrodes. Weldcraft® compatible

TIG STAR

Features & Benefits

TRIGGER SWITCHES

- A range of switch styles and options are available that allow for remote arc control

HANDLES AND BOOTS

- Redesigned for improved grip.
- An additional high grip snap on boot enables rapid servicing and a reduction in downtime

TORCH HEADS

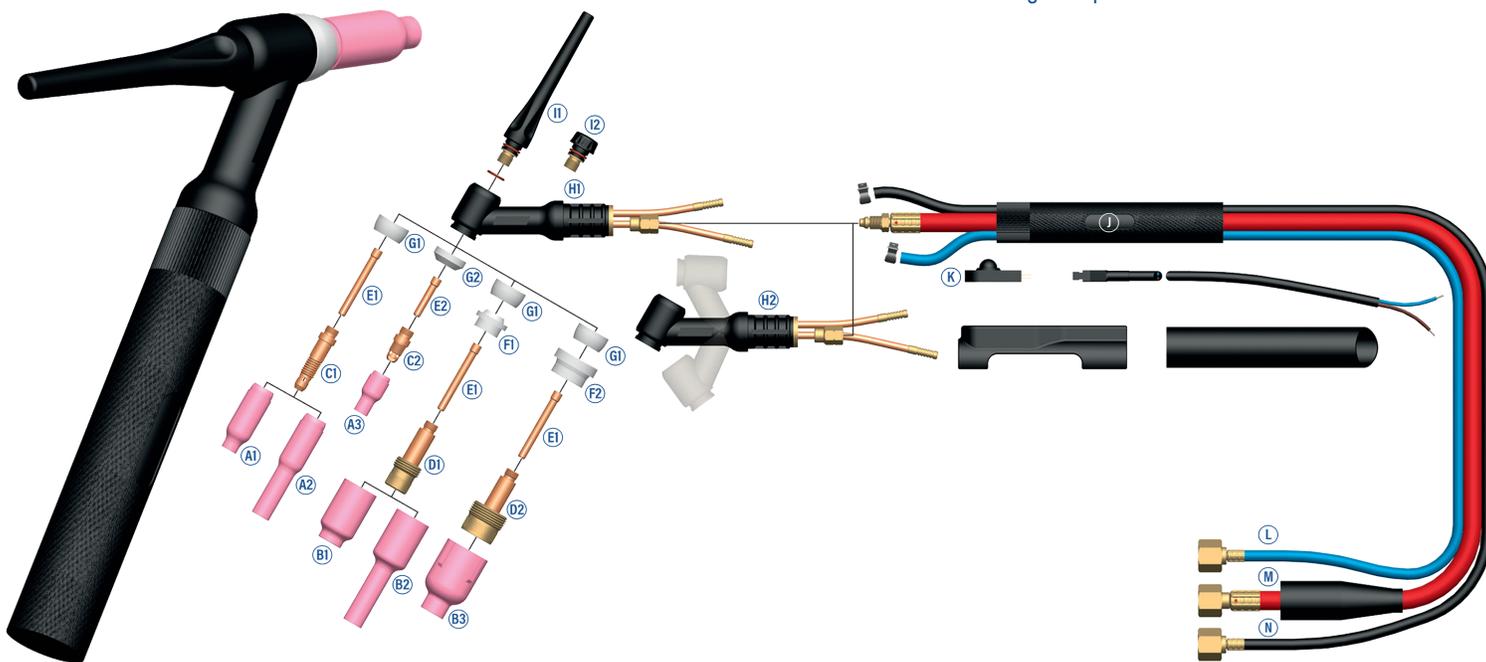
- Lightweight and durable
- Manufactured with high-temperature resistant silicone rubber insulation
- All copper components ensure cooler running temperatures and maximum current capacity

CABLE SYSTEM

- Air and liquid cooled cable assemblies use high-temperature resistant rubber jackets which combine outstanding flexibility and resistance to high heat and abrasion

FRONT END CONSUMABLES

- Extensive range
- Front End Consumables are manufactured to the highest specification



TIG Star™ 18 Water Cooled TIG Welding Torch Kits

Item Number	Model Description	Package Includes
TS1812	12' TIG WELDING TORCH WITH VINYL POWER CABLE	<ul style="list-style-type: none"> • AIR COOLED 125 AMP TIG TORCH • COLLET & COLLET BODY • NOZZLE • SHORT BACK CAP • AVAILABLE IN 12' OR 25' SINGLE OR DOUBLE CABLE
TS1825	25' TIG WELDING TORCH WITH VINYL POWER CABLE	
TS1825R	25' TIG WELDING TORCH WITH RUBBER CABLE	
TS18F12R	12' TIG WELDING TORCH WITH FLEXI HEAD WITH RUBBER CABLE	
TS18F25R	25' TIG WELDING TORCH WITH FLEXI HEAD WITH RUBBER CABLE	
TS18V25R	25' TIG WELDING TORCH WITH VALVE WITH RUBBER CABLE	

TIG Star™ 18 Water Cooled TIG Welding Torch Parts

A Ceramic Cups			
Item Number	Description		
1	TS10N50	#4 Ceramic Cup 1/4" (6mm) Bore	
	TS10N49	#5 Ceramic Cup 5/16" (8mm) Bore	
	TS10N48	#6 Ceramic Cup 3/8" (10mm) Bore	
	TS10N47	#7 Ceramic Cup 7/16" (11mm) Bore	
	TS10N46	#8 Ceramic Cup 1/2" (13mm) Bore	
	TS10N45	#10 Ceramic Cup 5/8" (16mm) Bore	
	TS10N44	#12 Ceramic Cup 3/4" (19mm) Bore	
	2	TS10N49L	#5 Long Ceramic Cup 5/16" (8mm) Bore
		TS10N48L	#6 Long Ceramic Cup 3/8" (10mm) Bore #
		TS10N47L	7 Long Ceramic Cup 7/16" (11mm) Bore
	3	TS13N08	#4 Ceramic Cup 1/4" (6mm) Bore
		TS13N09	#5 Ceramic Cup 5/16" (8mm) Bore
TS13N10		#6 Ceramic Cup 3/8" (10mm) Bore	
TS13N11		#7 Ceramic Cup 7/16" (11mm) Bore	
TS13N12		#8 Ceramic Cup 1/2" (13mm) Bore	
TS13N13		#10 Ceramic Cup 5/8" (16mm) Bore	

B Gas Lens Cups			
Item Number	Description		
1	TS54N18	#4 Gas Lens Cup 1/4" (6mm) Bore	
	TS54N17	#5 Gas Lens Cup 5/16" (8mm) Bore	
	TS54N16	#6 Gas Lens Cup 3/8" (10mm) Bore	
	TS54N15	#7 Gas Lens Cup 7/16" (11mm) Bore	
	TS54N14	#8 Gas Lens Cup 1/2" (13mm) Bore	
	TS54N19	#11 Gas Lens Cup 11/16" (17mm) Bore	
	2	TS54N17L	#5L Long Gas Lens Cup 5/16" (8mm) Bore
		TS54N16L	#6L Long Gas Lens Cup 3/8" (10mm) Bore
		TS54N15L	#7L Long Gas Lens Cup 7/16" (11mm) Bore
	3	TS57N75	#6 Large Diameter Gas Lens Cup 3/8" (10mm) Bore
		TS57N74	#8 Large Diameter Gas Lens Cup 1/2" (13mm) Bore
TS53N88		#10 Large Diameter Gas Lens Cup 5/8" (16mm) Bore	
TS53N87		#12 Large Diameter Gas Lens Cup 3/4" (19mm) Bore	

C Collet Bodies		
Item Number	Description	
1	TS10N29	Collet Body .020" (0.5mm) Bore
	TS10N30	Collet Body .040" (1.0mm) Bore
	TS10N31	Collet Body 1/16" (1.6mm) Bore
	TS10N32	Collet Body 3/32" (2.4mm) Bore
	TS10N28	Collet Body 1/8" (3.2mm) Bore
2	TS17CB20	Stubby Collet Body 0.20"-1/8" (0.5-3.2mm) Bore

D Gas Lens Bodies		
Item Number	Description	
1	TS45V24	Gas Lens Body 0.40" (1.0mm) Bore
	TS45V25	Gas Lens Body 1/16" (1.6mm) Bore
	TS45V26	Gas Lens Body 3/32" (2.4mm) Bore
	TS45V27	Gas Lens Body 1/8" (3.2mm) Bore
	TS45V28	Gas Lens Body 5/32" (4.0mm) Bore
2	TS45V116	Large Diameter Gas Lens Body 1/16" (1.6mm) Bore
	TS45V64	Large Diameter Gas Lens Body 3/32" (2.4mm) Bore
	TS995795	Large Diameter Gas Lens Body 1/8" (3.2mm) Bore
	TS45V63	Large Diameter Gas Lens Body 5/32" (4.0mm) Bore

E Collets		
Item Number	Description	
1	TS10N21	Collet .020" (0.5mm) Bore
	TS10N22	Collet .040" (1.0mm) Bore
	TS10N23	Collet 1/16" (1.6mm) Bore
	TS10N24	Collet 3/32" (2.4mm) Bore
	TS10N25	Collet 1/8" (3.2mm) Bore
	TS54N20	Collet 5/32" (4.0mm) Bore
2	TS10N22S	Stubby Collet .040" (1.0mm) Bore
	TS10N23S	Stubby Collet 1/16" (1.6mm) Bore
	TS10N24S	Stubby Collet 3/32" (2.4mm) Bore
	TS10N25S	Stubby Collet 1/8" (3.2mm) Bore

F Insulators		
Item Number	Description	
1	TS54N01	Gas Lens Insulator
2	TS54N63	Insulator Large Diameter Gas Lens

G Gaskets		
Item Number	Description	
1	TS18CG	Cup Gasket
2	TS18CG20	Cup Gasket for Stubby Collet Body

H Torch Bodies		
Item Number	Description	
1	TS18	Torch Body including Cup Gasket
2	TS18F	Torch Body Flexi Head

I Caps		
Item Number	Description	
1	TS57Y02	Back Cap Long
2	TS57Y04	Back Cap Short

J Handle		
Item Number	Description	
TS10N15	Handle	
TSH200R	Ribbed Slip On Handle	

K Switch		
Item Number	Description	
TSSW1	Bulb Switch	

L Water Hose		
Item Number	Description	
TS45V08	Vinyl Water Hose x 25ft (7.6m)	

M Power Cables		
Item Number	Description	
TS41V29	Power Cable x 25ft (7.6m) Vinyl	
TS41V29R	Power Cable x 25ft (7.6m) Rubber	

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