

## TIG Star™ 20

### Water Cooled TIG Welding Torch

Rating: 250A DC, 190A AC @ 100% Duty Cycle. EN60974-7 0.020" - to 1/8" / 0.5mm-3.2mm 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

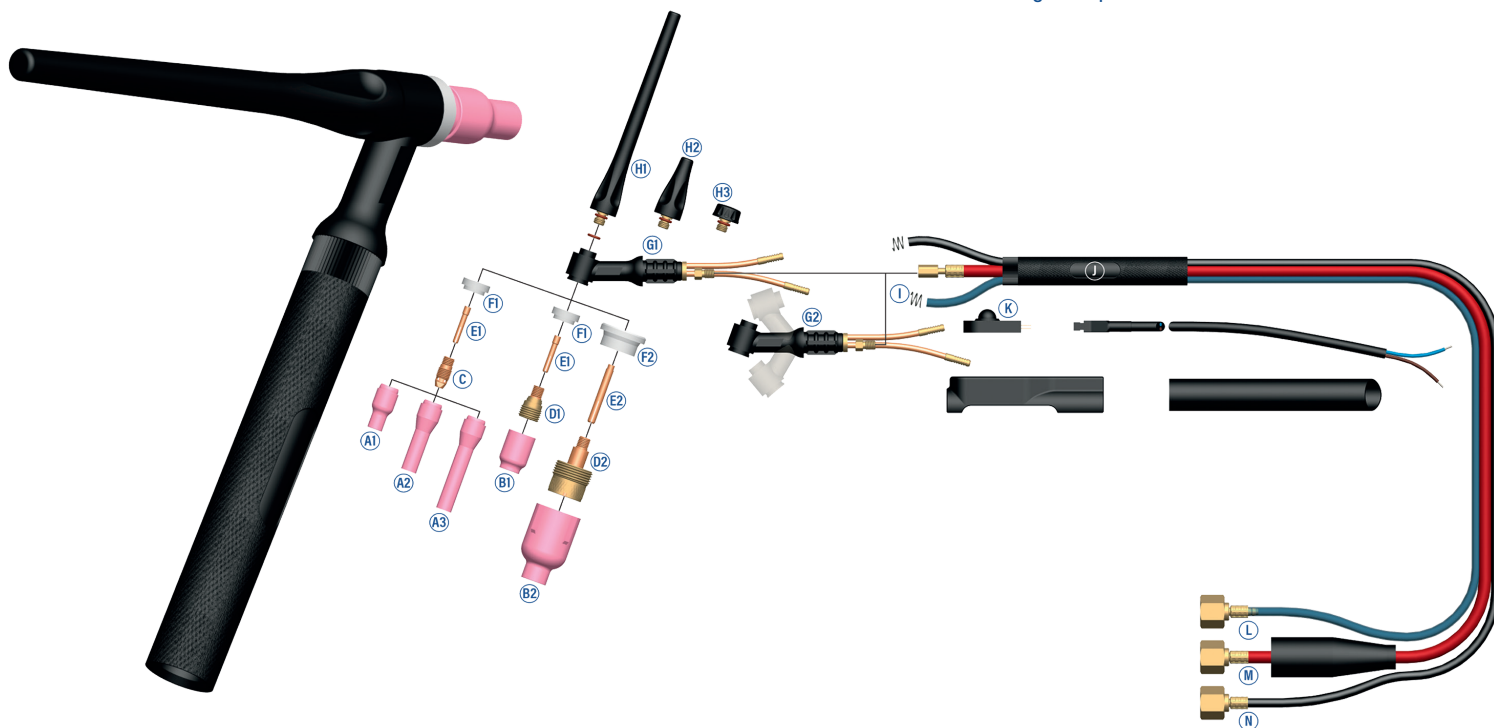
- Lightweight and durable
- Manufactured with high-temperature resistant silicone rubber insulation
- All copper components ensure cooler running temperatures and maximum current capacity

#### 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™ 20 Water Cooled TIG Welding Torch Kits

Item Number	Model Description	Package Includes
TS2025	25' TIG WELDING TORCH WITH VINYL POWER CABLE	<ul style="list-style-type: none"> <li>• AIR COOLED 125 AMP TIG TORCH</li> <li>• COLLET &amp; COLLET BODY</li> <li>• NOZZLE</li> <li>• SHORT BACK CAP</li> <li>• AVAILABLE IN 12' OR 25' SINGLE OR DOUBLE CABLE</li> </ul>
TS20F25R	25' TIG WELDING TORCH WITH FLEXI HEAD RUBBER POWER CABLE	
TS2025R	25' TIG WELDING TORCH WITH PENCIL HEAD RUBBER POWER CABLE	

### TIG Star™ 20 Water Cooled TIG Welding Torch Parts

A Ceramic Cups			
Item Number	Description		
1	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	
	2	TS796F72	#4 Long Ceramic Cup 5/16" (8mm) Bore
		TS796F73	#5 Long Ceramic Cup 3/8" (10mm) Bore
	3	TS796F77	#6 Extra Long Ceramic Cup 3/8" (10mm) Bore

B Gas Lens Cups			
Item Number	Description		
1	TS53N58	#4 Gas Lens Cup 1/4" (6mm) Bore	
	TS53N59	#5 Gas Lens Cup 5/16" (8mm) Bore	
	TS53N60	#6 Gas Lens Cup 3/8" (10mm) Bore	
	TS53N61	#7 Gas Lens Cup 7/16" (11mm) Bore	
	TS53N61S	#8 Gas Lens Cup 1/2" (13mm) Bore	
	TS54N19	#1S Gas Lens Cup 1/2" (13mm) Bore	
	2	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	
TS13N25	Collet Body .020" (0.5mm) Bore	
TS13N26	Collet Body .040" (1.0mm) Bore	
TS13N27	Collet Body 1/16" (1.6mm) Bore	
TS13N27M	Collet Body 5/64" (2.0mm) Bore	
TS13N28	Collet Body 3/32" (2.4mm) Bore	
TS13N29	Collet Body 1/8" (3.2mm) Bore	

D Gas Lens Bodies		
Item Number	Description	
1	TS45V42	Gas Lens Body 0.40" (1.0mm) Bore
	TS45V43	Gas Lens Body 1/16" (1.6mm) Bore
	TS45V44	Gas Lens Body 3/32" (2.4mm) Bore
	TS45V45	Gas Lens Body 1/8" (3.2mm) Bore
2	TS45V116S	Large Diameter Gas Lens Body 1/16" (1.6mm) Bore
	TS45V64S	Large Diameter Gas Lens Body 3/32" (2.4mm) Bore

E Collets		
Item Number	Description	
1	TS13N20	Collet .020" (0.5mm) Bore
	TS13N21	Collet .040" (1.0mm) Bore
	TS13N22	Collet 1/16" (1.6mm) Bore
	TS13N23	Collet 3/32" (2.4mm) Bore
	TS13N24	Collet 1/8" (3.2mm) Bore
2	TS13N22L	Large Diameter Gas Lens Collet 1/16" (1.6mm) Bore
	TS13N23L	Large Diameter Gas Lens Collet 3/32" (2.4mm) Bore

F Gaskets		
Item Number	Description	
1	TS598882	Cup Gasket
2	TS54N6320	Insulator Large Diameter Gas Lens

G Torch Bodies		
Item Number	Description	
1	TS20	Torch Body including Cup Gasket
2	TS20F	Torch Body Flexi Head

H Caps		
Item Number	Description	
1	TS41V24	Back Cap Long
2	TS41V35	Back Cap Medium
3	TS41V33	Back Cap Short

I Wire Clamp		
Item Number	Description	
	TS53N04	Wire Clamp

J Handle		
Item Number	Description	
	TS105Z55	Handle
	TSH100	Textured 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	
	TS45V03	Power Cable x 12.5' (3.8m) Vinyl
	TS45V04	Power Cable x 25' (7.6m) Vinyl

N Gas Hoses		
Item Number	Description	
	TS45V09	Vinyl Gas Hose x 12.5ft (3.8m)
	TS45V10	Vinyl Gas Hose x 25ft (7.6m)

### 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](http://www.p65warnings.ca.gov)