

TIGMASTER®

MICRO TIG WELDING TORCHES

Weldtec® offers the most advanced micro welding TIG torches on the market... and now, flexible* neck models, both air cooled and water cooled.

When the Weldtec® design team introduced the micro torch to the market 25 years ago it first appeared as a 50 amp air cooled model. To meet the needs to today's welding challenges they reintroduced two new models, a 125 amp water cooled model and a 60 amp air cooled model. Both models share chucks and clear glass nozzles. They can be fitted with 45°, 90°, 180° or 45°/90° combo chucks (.04, 1/16) and clear glass nozzles to handle the most difficult welding applications.

The standard torch neck length is 3-1/2 inches, the flexible neck model is 5 inches long. The standard non-flex models can be special made with a neck length as short as 2 inches to as long as 12 inches.

Access to difficult weld locations was never easier.

- Low profile design for access to tight locations.
- Flexible neck models.
- Interchangeable chucks and nozzles.
- Clear glass nozzles for better visibility.
- Low maintenance dual o-ring head design.
- Flexible - soft rubber hose and power cable options.
- Glove soft leather protective cable cover on DX models.

WT60-12	12 1/2 ft.	Torch Package - Vinyl	Standard Model	60 Amps Air cooled
WT60-25	25 ft.	Torch Package - Vinyl		
WT60-12SF	12 1/2 ft.	Torch Package - Super Flex	Flex Neck Model	60 Amps Air cooled
WT60-25SF	25 ft.	Torch Package - Super Flex		
WT60F-12	12 1/2 ft.	Torch Package - Vinyl	Standard Model	125 Amps Water Cooled
WT60F-25	25 ft.	Torch Package - Vinyl		
WT60F-12SF	12 1/2 ft.	Torch Package - Super Flex	Flex Neck Model	125 Amps Water Cooled
WT60F-25SF	25 ft.	Torch Package - Super Flex		
WT125-12	12 1/2 ft.	Torch Package - Vinyl	Standard Model	125 Amps Water Cooled
WT125-25	25 ft.	Torch Package - Vinyl		
WT125-12R	12 1/2 ft.	Torch Package - Super Flex	Flex Neck Model	125 Amps Water Cooled
WT125-25R	25 ft.	Torch Package - Super Flex		
WT125-12DX	12 1/2 ft.	Torch Package - Deluxe	Flex Neck Model	125 Amps Water Cooled
WT125-25DX	25 ft.	Torch Package - Deluxe		
WT125F-12	12 1/2 ft.	Torch Package - Vinyl	Flex Neck Model	125 Amps Water Cooled
WT125F-25	25 ft.	Torch Package - Vinyl		
WT125F-12R	12 1/2 ft.	Torch Package - Super Flex	Flex Neck Model	125 Amps Water Cooled
WT125F-25R	25 ft.	Torch Package - Super Flex		
WT125F-12DX	12 1/2 ft.	Torch Package - Deluxe	Flex Neck Model	125 Amps Water Cooled
WT125F-25DX	25 ft.	Torch Package - Deluxe		

Standard: Vinyl - PVC plastic tubing.

Optional: Super Flex - soft over braided rubber tubing.

Deluxe: Soft over braided rubber tubing, leather cover, 1/16 combo chuck and 45 deg. nozzle.



Standard 3 1/2"

Flex Neck 5"

Specials 2"-12"



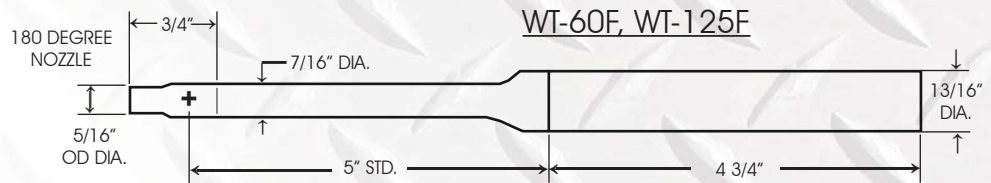
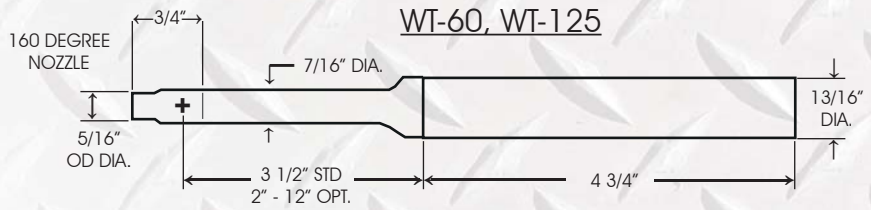
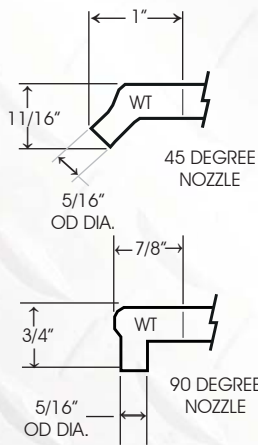
INDEPENDENT WHOLESALE WELDING SUPPLY

Ph: 02 8834 2400 Fax: 02 8834 2498 Email: iwws@iwws.net Website: www.iwws.net

TIGMASTER®

MICRO TIG WELDING TORCHES

WT-60, 60F, 125, 125F






SPECIFICATIONS

	WT-60, 60F	WT-125, 125F
Maximum Amperage Capacity	60 AMPS	125 AMPS
Tungsten Size Capacity	.040-1/16 (1.0-1.6)	.040- 3/32 (1.0-2.4)
Cooling Requirements	-	1Qt./Min (.964L/Min.)
Maximum Coolant Pressure	-	50 psi (345 kpa)



TUNGSTEN ELECTRODE LENGTHS

Angle	Std.		Min.		Max.	
	in.	mm	in.	mm	in.	mm
90°	.866	22	.787	20	.866	22
45°	.866	22	.866	22	.945	24
180°	.866	22	.748	19	1.182	30

GLASS NOZZLES

TORCH	LENGTH	ORIFICE IN	mm	SIZE	PART NO.
WT-60, 60F, 125, 125F 	1"	1/4	6	4	125N45
WT-60, 60F, 125, 125F 	7/8"	1/4	6	4	125N90
WT-60, 60F, 125, 125F 	3/4"	1/4	6	4	125N180

CHUCKS

TORCH	ELECTRODE ANGLE	SIZE IN	mm	PART NO.
WT-60, 60F, 125, 125F 	45 & 90 deg. Combo	.040 1/16	1,0 1,6	125C40C 125C116C
	45 deg. Chuck	3/32	2,4	125C332-45
	90 deg. Chuck	3/32	2,4	125c332-90
WT-60, 60F, 125, 125F 	180 deg. Straight	.020	0,5	125C20
		.040	1,0	125C40
		1/16	1,6	125C116
		3/32	2,4	125C332

REPLACEMENT PARTS

TORCH	DESCRIPTION	PART NO.
	Torch Body	WT-60
	Torch Body	WT-60F
	Handle	H-100
	Torch Body	WT-125
	Torch Body Handle	WT-125F H-100B
WT-60, 60F, 125, 125F 	Chuck Wrench (Use with 180 deg. chuck)	53N20
WT-60, 60F, 125, 125F 	Torch Body O-Ring (2 Required) (included on torch body)	98W77

POWER CABLE ADAPTERS

ADAPTERS	TORCH	PART NO.
 105Z57 45V11	WT-60, 60F WT-125, 125F	105Z57 45V11
 3538 3538GT 3538W 3538W-GT	WT-60, 60F	3538 3538GT
	WT-125, 125F	3578W 3578W-GT

ACCESSORY KITS

TORCH	DESCRIPTION	PART NO.
WT-60, 60F	Accessory Kit - .040 Parts	AK-60
WT-125, 125F	Accessory Kit - 1/16 Parts	AK-125

Note: Specifications and dimensions are subject to change without notice.



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ACCESSORY KITS

AK-60 Accessory Kit

For WT-60, 60F Air Cooled Torches

- Includes:
- 1 Ea. 125C40C .040 Combo Chuck
 - 1 Ea. 125C40 .040 Chuck
 - 1 Ea. 125N45 45 Degree Glass Nozzle
 - 1 Ea. 125N90 90 Degree Glass Nozzle
 - 1 Ea. 125N180 180 Degree Glass Nozzle
 - 1 Ea. 53N20 Chuck Wrench
 - 1 Ea. .040 x 2 Tungsten Electrode
 - 1 Ea. Parts Storage Box



125N45
45 Degree
Glass Nozzle



125C40C
.040 Combo Chuck
(45 & 90 Degree)



125N90
90 Degree
Glass Nozzle



53N20
Chuck Wrench
With Electrode Stop
(Use with 180 Degree Chuck)



125N180
180 Degree
Glass Nozzle



125C40
.040 Chuck
(180 Degree)

.040 x 2
Tungsten Electrode

AK-125 Accessory Kit

For WT-125, 125F Water Cooled Torches

- Includes:
- 1 Ea. 125C116C 1/16 Combo Chuck
 - 1 Ea. 125C116 1/16 Chuck
 - 1 Ea. 125N45 45 Degree Glass Nozzle
 - 1 Ea. 125N90 90 Degree Glass Nozzle
 - 1 Ea. 125N180 180 Degree Glass Nozzle
 - 1 Ea. 53N20 Chuck Wrench
 - 1 Ea. 1/16 x 2 Tungsten Electrode
 - 1 Ea. Parts Storage Box



125N45
45 Degree
Glass Nozzle



125C116C
1/16 Combo Chuck
(45 & 90 Degree)



125N90
90 Degree
Glass Nozzle



53N20
Chuck Wrench
With Electrode Stop
(Use with 180 Degree Chuck)



125N180
180 Degree
Glass Nozzle



125C116
1/16 Chuck
(180 Degree)

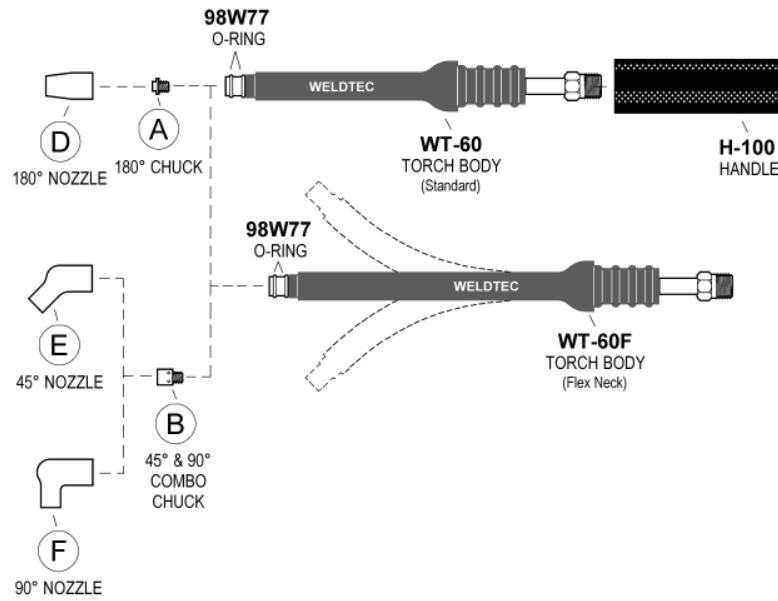
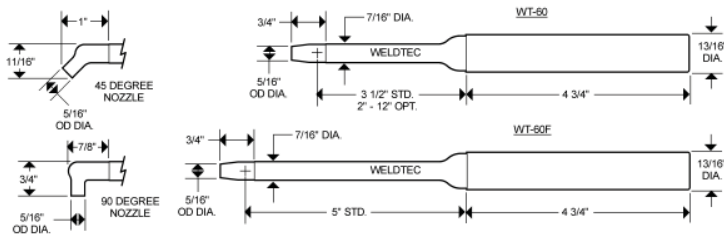
1/16 x 2
Tungsten Electrode

TIGMASTER®

WeldTec®

REPLACEMENT PARTS

WT-60 • WT-60F
STANDARD FLEX NECK
60 AMPS • AIR COOLED

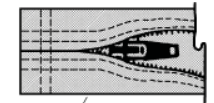


57Y11 12.5 FT.
57Y13 25 FT.
POWER CABLE - VINYL

57Y11SF 12.5 FT.
57Y13SF 25 FT.
SF POWER CABLE - SUPER FLEX

53N20
CHUCK WRENCH
(Use With 180° Chuck)

105Z57
POWER CABLE
ADAPTER
5/8 RH FM 3/8 RH FM



TCL-3-10Z 11 FT.
TCL-3-22Z 24 FT.
3" LEATHER CABLE COVER
WITH ZIPPER CLOSURE
(See Cable Covers For Options)

QUICK CONNECTOR
(See Quick Connector Guide)

AK-60 ACCESSORY KIT
INCLUDES: 1 - 45° & 90° COMBO CHUCK .040
1 - 180° CHUCK .040
1 - 45° GLASS NOZZLE #4
1 - 90° GLASS NOZZLE #4
1 - 180° GLASS NOZZLE #4
1 - CHUCK WRENCH
1 - TUNGSTEN ELECTRODE .040
1 - PARTS STORAGE BOX

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CHUCKS

ITEM	ELECTRODE DIAMETER	.020		1/16	
		0,5	.040	1,6	1,6
A	180° CHUCK	125C20	125C40	125C116	
B	45° & 90° CHUCK	—	125C40C	125C116C	

TUNGSTEN ELECTRODE LENGTHS

Angle	Std.		Min.		Max.	
	In.	mm	In.	mm	In.	mm
90°	.866	22	.787	20	.866	22
45°	.866	22	.866	22	.945	24
180°	.866	22	.748	19	1.182	30

GAS NOZZLES

ITEM	NO. SIZE	4 1/4"
D	180° GLASS NOZZLE	125N180
E	45° GLASS NOZZLE	125N45
F	90° GLASS NOZZLE	125N90

TORCH PACKAGES

PART NUMBER	DESCRIPTION	
WT-60-12	12 1/2 ft. Torch Package - Vinyl	Standard Model
WT-60-25	25 ft. Torch Package - Vinyl	
WT-60-12SF	12 1/2 ft. Torch Package - Super Flex	Flex Neck Model
WT-60-25SF	25 ft. Torch Package - Super Flex	
WT-60F-12	12 1/2 ft. Torch Package - Vinyl	Flex Neck Model
WT-60F-25	25 ft. Torch Package - Vinyl	
WT-60F-12SF	12 1/2 ft. Torch Package - Super Flex	Flex Neck Model
WT-60F-25SF	25 ft. Torch Package - Super Flex	

Specifications and descriptions subject to change without notice.



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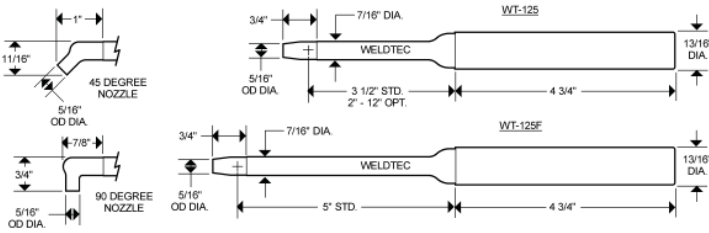
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WeldTec®

REPLACEMENT PARTS

WT-125 • WT-125F STANDARD FLEX NECK 125 AMPS • WATER COOLED



45V09R 12.5 FT.
45V10R 25 FT.
GAS HOSE - RUBBER

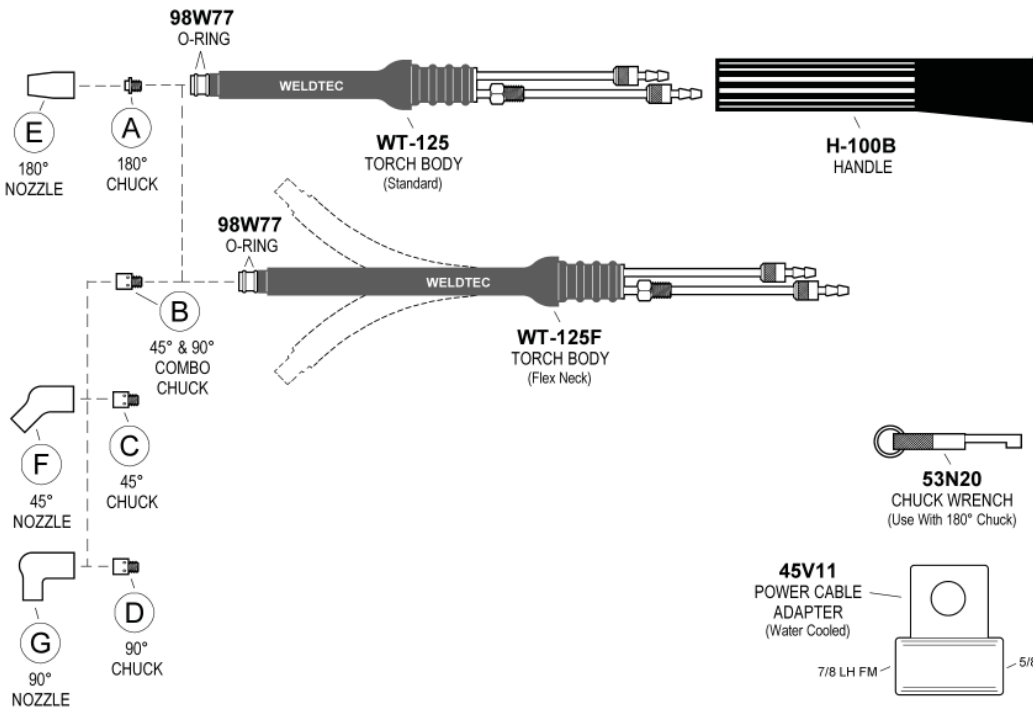
45V07R 12.5 FT.
45V08R 25 FT.
WATER HOSE - RUBBER

45V03R 12.5 FT.
45V04R 25 FT.
POWER CABLE - RUBBER

45V09 12.5 FT.
45V10 25 FT.
GAS HOSE - VINYL

45V07 12.5 FT.
45V08 25 FT.
WATER HOSE - VINYL

45V03 12.5 FT.
45V04 25 FT.
POWER CABLE - VINYL



- AK-125 ACCESSORY KIT**
INCLUDES: 1 - 45° & 90° COMBO CHUCK 1/16
1 - 180° CHUCK 1/16
1 - 45° GLASS NOZZLE #4
1 - 90° GLASS NOZZLE #4
1 - 180° GLASS NOZZLE #4
1 - CHUCK WRENCH
1 - TUNGSTEN ELECTRODE 1/16
1 - PARTS STORAGE BOX

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CHUCKS

ITEM	ELECTRODE DIAMETER	.020		.040		1/16		3/32	
		0,5	1,0	1,6	2,4	1,6	2,4	1,6	2,4
A	180° CHUCK	125C20	125C40	125C116	125C332				
B	45° & 90° CHUCK	—	125C40C	125C116C	—				
C	45° CHUCK	—	—	—	125C332-45				
D	90° CHUCK	—	—	—	125C332-90				

GAS NOZZLES

ITEM	NO. SIZE	4 1/4"
E	180° GLASS NOZZLE	125N180
F	45° GLASS NOZZLE	125N45
G	90° GLASS NOZZLE	125N90

TORCH PACKAGES

PART NUMBER	DESCRIPTION	
WT-125-12	12 1/2 ft. Torch Package - Vinyl	Standard Model
WT-125-25	25 ft. Torch Package - Vinyl	
WT-125-12R	12 1/2 ft. Torch Package - Super Flex	Standard Model
WT-125-25R	25 ft. Torch Package - Super Flex	
WT-125-12DX	12 1/2 ft. Torch Package - Deluxe	Standard Model
WT-125-25DX	25 ft. Torch Package - Deluxe	
WT-125F-12	12 1/2 ft. Torch Package - Vinyl	Flex Neck Model
WT-125F-25	25 ft. Torch Package - Vinyl	
WT-125F-12R	12 1/2 ft. Torch Package - Super Flex	Flex Neck Model
WT-125F-25R	25 ft. Torch Package - Super Flex	
WT-125F-12DX	12 1/2 ft. Torch Package - Deluxe	Flex Neck Model
WT-125F-25DX	25 ft. Torch Package - Deluxe	

TUNGSTEN ELECTRODE LENGTHS

Angle	Std.		Min.		Max.	
	In.	mm	In.	mm	In.	mm
90°	.866	22	.787	20	.866	22
45°	.866	22	.866	22	.945	24
180°	.866	22	.748	19	1.182	30

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