

SPEEDWAY[®]

High Performance Tig Welding Series



**Revolutionary
new design
packed with
performance
features to
meet today's
TIG welding
professional's
needs.**

Speedway[®] Series sets a new track record.



SPEED BUMP™ HANDLE
Fits the welder's hand like a fine instrument. Can rotate 360°. Retaining ring keeps cable cover secure.



DUAL BACK CAP SEAL
Provides positive gas seal and protection against "HF" current leakage.



SPEED NUT™ HOSE CONNECTIONS
No more troublesome wire clamps. No tools or special hoses. Quick, easy repairs.



HIGH PERFORMANCE CABLE ASSEMBLIES
Soft, flexible over braided hoses and power cable provides maximum maneuverability. Larger copper conductor.

SPEEDWAY[®] Series

High Performance Tig Welding Torches

The new **Speedway[®] Series** torches bring together the best in design, materials and workmanship to give today's professional TIG welder the features to achieve unprecedented performance.

Features such as silver brazed copper construction which increases electrical current capacity and dissipates heat most efficiently.

Resilient high temperature silicone rubber insulation with high dielectric properties which resist "HF" current leakage, chipping, cracking and withstands temperatures to 500° F.

Modern flexible over braided rubber hoses and power cables provide flexibility and maneuverability not available with traditional vinyl tube materials. Larger copper conductors that have greater current carrying capacity.

Speed Nut[™] hose connections mean no more troublesome wire clamps. No tools or special hose assemblies required.

The new **Speed Bump[™]** ergonomic handle shape lays comfortably in the hand. The handle can be rotated 360° for the optimum position to allow for long work cycles without tiring. The built-in retaining ring keeps the cable cover securely in place.

The **Speed Angle[™]** off-set torch body allows the welder access to difficult weld locations yet remains comfortable to hold.

Quality construction, modern design and premium materials while retaining the use of industry standard parts, such as collets, collet bodies, gas lenses, back caps and nozzles.

This interchangeability keeps costs low and accessories readily available to keep these torches working for years to come.

**Quality, Performance and...
Made in America.**

ORDERING INFORMATION

SW-320 Deluxe Torch Package

SW-320-12 DX	12 1/2 ft. Torch Pkg
SW-320-25 DX	25 ft. Torch Pkg

SW-320SA Deluxe Torch Package

SW-320SA-12DX	12 1/2 ft. Torch Pkg
SW-320SA-25DX	25 ft. Torch Pkg

Deluxe Torch Package Includes:

Torch body, handle, over braided rubber hoses and power cable assembly, premium leather cable cover, 3/32" collet and collet body, #6 alumina nozzle, 3/32" x 7" tungsten electrode, short, medium and long back caps.

SW-450 Deluxe Torch Package

SW-450-12 DX	12 1/2 ft. Torch Pkg
SW-450-25 DX	25 ft. Torch Pkg

Deluxe Torch Package Includes:

Torch body, handle, over braided rubber hoses and power cable assembly, premium leather cable cover, 1/8" collet and collet body, #8 alumina nozzle, 1/8" x 7" tungsten electrode, short and long back caps.

OPTIONAL ACCESSORY KITS

AK-320 Deluxe Accessory Kit

For SW-320 Model. Contains 1 Each.
Collets: 1/16", 3/32", 1/8"
Collet Bodies: 1/16", 3/32", 1/8"
Gas Lenses: 1/16", 3/32", 1/8"
Alumina Nozzles: #5, #6, #7
Alum. Gas Lens Nozzles: #6, #7
Tungsten Electrodes: 1/16", 3/32", 1/8" x 7"

AK-450 Deluxe Accessory Kit

For SW-450 Model. Contains 1 Each.
Collets: 3/32", 1/8", 5/32"
Collet Body: universal
Gas Lenses: 3/32", 1/8", 5/32"
Gas Lens Insulator
Alumina Nozzles: #6, #7, #8
Alum. Gas Lens Nozzles: #8, #10
Tungsten Electrodes: 3/32", 1/8", 5/32" x 7"

SPECIFICATIONS

	SW-320	SW-320SA	SW-450
Maximum Amperage Capacity (ac-dcsp)	320 AMPS	320 AMPS	450 AMPS
Weight (Torch Body and Handle)	3.0 oz (84 gm)	3.0 oz (84 gm)	11 oz (312 gm)
Tungsten Size Capacity	.020" - 5/32" (0.5 - 4.0mm)	.020" - 5/32" (0.5 - 4.0mm)	.040" - 3/16" (1.0 - 4.8mm)
Maximum Tungsten Length	7" (178mm)	7" (178mm)	7" (178mm)
Cooling Requirements	1 QT./min (.946 L/min)	1 QT./min (.946 L/min)	1.75 QT./min (1.66 L/min)
Recommended Coolant Pressure	50 psi (345 Kpa)	50 psi (345 Kpa)	50 psi (345 Kpa)

For more information contact your local welding supply distributor.

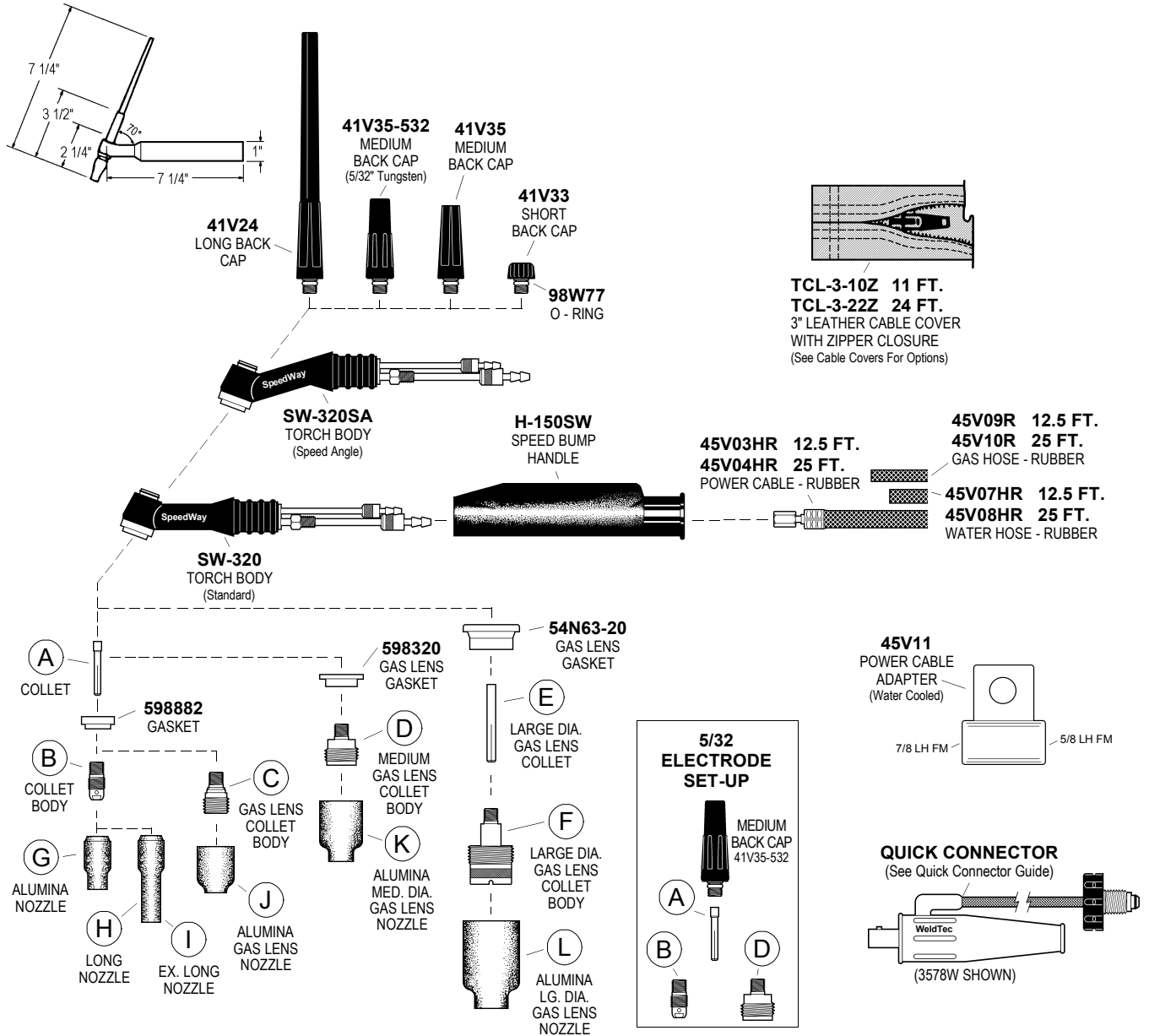
SPEEDWAY[®] Series
High Performance Tig Welding Torches

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SPEEDWAY[®] SERIES

REPLACEMENT PARTS

SW-320 • SW-320SA
STANDARD SPEED ANGLE
320 AMPS • WATER COOLED



COLLETS • COLLET BODIES • GAS LENS

ITEM	ELECTRODE DIAMETER	.020 0,5	.040 1,0	1/16 1,6	3/32 2,4	1/8 3,2	5/32 4,0	ITEM	NO. SIZE	3 3/16"	4 1/4"	5 5/16"	6 3/8"	7 7/16"	8 1/2"	10 5/8"	11 11/16"	12 3/4"
A	COLLET	13N20	13N21	13N22	13N23	13N24	13NC532	G	ALUMINA	—	13N08	13N09	13N10	13N11	13N12	13N13	—	—
B	COLLET BODY	13N25	13N26	13N27	13N28	13N29	13NCB532	H	LONG 17/8"	796F70A	796F71A	796F72A	796F73A	—	—	—	—	—
C	GAS LENS	45V41	45V42	45V43	45V44	45V45	—	I	EX. LONG 2 1/2"	796F74A	796F75A	796F76A	796F77A	—	—	—	—	—
D	MED. DIA. GAS LENS	—	—	45V35SW	45V36SW	45V37SW	45V38SW	J	ALUMINA GAS LENS	—	53N58	53N59	53N60	53N61	53N61S	—	—	—
E	LG. DIA. GAS LENS COLLET	13N20L	13N21L	13N22L	13N23L	13N24L	—	K	ALUMINA MED. DIA. GAS LENS	—	—	—	54N16SW	54N15SW	54N14SW	54N12SW	54N19	—
F	LG. DIA. GAS LENS	45V0204S	45V116S	45V64S	995795S	—	—	L	ALUMINA LG. DIA. GAS LENS	—	—	—	57N75	—	57N74	53N88	—	53N87**

** #15 53N89 15/16" ID X 1 7/8" Long.

MANUFACTURED IN USA

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REVISION I