

SPEEDWAY[®]

High Performance Tig Welding Series



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

SW-320

SW-450

SW-320SA



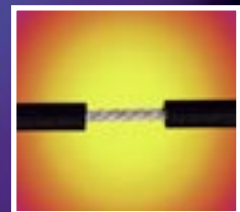
SPEED BUMP™ HANDLE
Fits the welder's hand like a fine instrument. Can rotate 360°. Retaining ring keeps cable cover secure.



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.

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.

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.



TEC Welding Products, Inc.
 P.O. Box 1870, San Marcos, CA 92079 USA
 (760) 747-3700 • Fax (760) 747-2121
 www.tectorch.com