

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

SW-320

SW-450

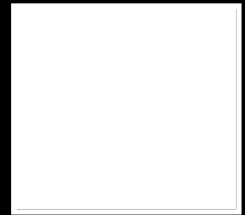
SW-320SA



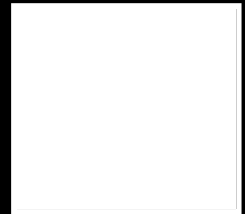
**SPEED/BUMP™ HANDLE**  
Fits the welder's hand  
like a fine instrument.  
Can rotate 360°.  
Retaining ring keeps  
cable cover secure.



**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 maneuver-  
ability. Larger copper  
conductor.



# SPEEDWAY<sup>®</sup> HIGH PERFORMANCE TIG WELDING TORCHES

## SERIES

The new **Speedway<sup>®</sup> 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<sup>™</sup>** hose connections mean no more troublesome wire clamps. No tools or special hose assemblies required.

The new **Speed Bump<sup>™</sup>** 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<sup>™</sup>** 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                      |
|--|-----------------------------|-----------------------------|-----------------------------|
| <b>Maximum Amperage Capacity</b> (ac-dcsp) | 320 AMPS                    | 320 AMPS                    | 450 AMPS                    |
| <b>Weight</b> (Torch Body and Handle)      | 3.0 oz (84 gm)              | 3.0 oz (84 gm)              | 11 oz (312 gm)              |
| <b>Tungsten Size Capacity</b>              | .020" - 5/32" (0.5 - 4.0mm) | .020" - 5/32" (0.5 - 4.0mm) | .040" - 3/16" (1.0 - 4.8mm) |
| <b>Maximum Tungsten Length</b>             | 7" (178mm)                  | 7" (178mm)                  | 7" (178mm)                  |
| <b>Cooling Requirements</b>                | 1 QT./min (.946 L/min)      | 1 QT./min (.946 L/min)      | 1.75 QT./min (1.66 L/min)   |
| <b>Recommended Coolant Pressure</b>        | 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