Since its beginnings as a welding torch repair shop in a Burbank, California garage, Weldcraft has grown into the world’s leading manufacturer of TIG torches and accessories. We have distribution channels spanning the globe and offer a comprehensive product line to meet the needs of most every TIG application imaginable.

Today, Weldcraft finds its home in Appleton, Wisconsin, where we continue to develop and manufacture durable and innovative TIG products. We proudly staff a dedicated customer service team to provide superior technical support and viable welding solutions.

Our goal is, and always has been, to optimize your welding performance with the best products in the market. After all, it’s what makes us the “TIG Welder’s Choice.”

Understanding Our Product Pages

Weldcraft’s full-line catalog features important information on products, accessory kits and parts numbers, along with easy-to-identify product icons.

Product Description
Provides brief description of torch series and individual features.

Product Icon
Identifies TIG torch category.

Quik Specs
Provides reference for important specifications.

Section Tabs
Offer easy product series location.

Quik Find Guide
Lists most popular torch bodies and torch package model numbers.

Accessories
Lists most popular accessories for each torch model.
How to Read Our Model Numbers

Weldcraft model numbers consist of up to six parts:
For example, the second model number listed below, WP-17FV-25-2, refers to a WP series, 17 model torch with a flexible neck, gas valve, and a 25-foot, two-piece power cable.

CS300V-25-2
1. Torch series designation
   Crafter™ Series – CS
   WP Series – WP
   Legacy Series – LGC
2. Torch model number
3. Flexible neck designation
   Crafter Series (not available)
   WP Series – F
   Legacy Torches – FX
4. Gas valve designation
5. Power cable length
6. Power cable type

WP-17FV-25-2
17FXV252LGC

WP Series Hand-Held Torches
- Air-Cooled
- Water-Cooled

WP Series Specialty Torches
- WP-50 (Air-Cooled)
- WP-125 (Water-Cooled)
- WP-12 (Water-Cooled)

WP Series Machine-Held Torches
- WP-23 Series (Air-Cooled)
- WP-27AAC (Air-Cooled)
- WP-22 Series (Water-Cooled)
- WP-27 Series (Water-Cooled)

AHP (Airco™) Series Hand-Held Torches
- Air-Cooled
- Water-Cooled

Legacy™ Series Hand-Held Torches
- Air-Cooled
- Water-Cooled

Accessories
- WP-17, WP-18, CS200A, CS300, CS410A
- Consumables
- WP-9, WP-20, CS125A, CS310A
- Consumables
- Triad™ Tungsten Grinder
- Tungsten
- QCS (Quick-Connect System™)
- Weld-Ready™ Packages

1.800.752.7620  Weldcraft.com
Weldcraft knows that every TIG welding application is different. That is why we offer three distinctly different series of TIG torches and accessories. Our Crafter™ Series (CS) features premium torches for critical and specialty applications. Complementing this offering is our WP Series of core TIG products and accessories, along with our competitively priced Legacy™ Series.

Each Weldcraft torch has been specifically engineered and assembled with the finest materials. You can TIG weld with total confidence knowing our innovative torch designs can withstand even the most demanding applications.
**Common Torch Features**

**ColorSmart™ Hoses and Cables**
Exclusive ColorSmart™ hoses identify input water, return water/power cable, and gas to ease torch package installation.

**Fingertip Gas Control**
Gas valves allow complete gas flow control to minimize rework and ease operation.

**Mono-Flex™ and Tri-Flex™ Hoses and Cables**
Ensure flexibility and durability even under extreme conditions.

**Heavy Copper Construction**
Highly conductive copper components ensure superior current carrying capacity and effectively dissipate heat for longer trouble-free performance.

**Ample Cooling Capacity**
Water-cooled torches feature extra-large internal water chambers and around-the-head cooling for demanding, continuous welding applications.

**Special Teflon® Cup Gasket and Insert**
Replaceable Teflon cup gaskets and inserts prevent gas and high-frequency leakage to minimize arc instability.

**High-Dielectric Silicone Rubber Insulation**
Durable, high-temperature silicone rubber insulation withstands temperatures up to 500°F without chipping or cracking to prevent high-frequency leakage.

**Wide Selection of Accessories**
High-quality, precision machined collets, collet bodies, gas lenses, tungsten and nozzles complement each torch series.
**Crafter™ Series**

Crafter Series air-cooled torches provide the professional welder with the highest standards of reliability and performance, even in the harshest of field applications.

Mono-Flex™ hoses and cables allow for greater maneuverability, ease hose repair and replacement, and remain flexible even in cold weather (all models).

Lightweight body minimizes operator fatigue and withstands continuous, heavy-duty welding applications (all models).

Heavy copper components ensure maximum welding capacity on demanding fieldwork (all models).

High air-cooling capacity eliminates the need and expense for complex water-cooling systems and increases portability for field applications (all models).

D-Handle™ design allows the welding operator to orient the torch by feel to improve overall torch control (CS125A and CS200A).

Exclusive heat dam and thermal speed channel technology minimize handle temperature to reduce overheating and downtime (CS300 and CS300V).

Gas control valve improves shielding gas control to reduce rework and improve performance (CS300V).

**Quik Specs**

**Hand-held Air-cooled**

<table>
<thead>
<tr>
<th>Model</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| **CS125A** | - 130 amp DC, 100 amp AC (60% duty cycle)  
- Electrode range: .020” – 3/32” (0.5 – 2.4 mm) |
| **CS200A** | - 200 amp DC, 150 amp AC (60% duty cycle)  
- Electrode range: .020” – 5/32” (0.5 – 4.0 mm) |
| **CS300/300V** | - 300 amp DC, 250 amp AC (60% duty cycle)  
- Electrode range: .020” – 5/32” (0.5 – 4.0 mm) |

**Quik Find Guide**

<table>
<thead>
<tr>
<th>Torch Bodies</th>
<th>Packages</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>CS200A</td>
<td>CS125-25-2</td>
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<tr>
<td>CS300</td>
<td>CS125-12-R</td>
</tr>
<tr>
<td>CS300V</td>
<td>CS125-25-R</td>
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<td></td>
<td>CS200-25-R</td>
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<td>CS300V-25-2</td>
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**Most Popular Accessories**

**Accessory Kits**

<table>
<thead>
<tr>
<th>Kit</th>
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<tbody>
<tr>
<td>CS310-UAK</td>
<td>CS125A</td>
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<tr>
<td>CS410-UAK</td>
<td>CS200A and CS300</td>
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**Cable Covers**

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<tr>
<th>Cable</th>
<th>Description</th>
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<tbody>
<tr>
<td>WC-3-10</td>
<td>all torches</td>
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<tr>
<td>WC-3-22</td>
<td>all torches</td>
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<tr>
<td>WC-3-48</td>
<td>all torches</td>
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**Extension Kits**

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<thead>
<tr>
<th>Kit</th>
<th>Model</th>
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<tbody>
<tr>
<td>EK-2.25-R</td>
<td>CS125A</td>
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<tr>
<td>EK325R</td>
<td>CS200A</td>
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**Power Cable Adapters**

<table>
<thead>
<tr>
<th>Adapter</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>105257</td>
<td>CS125A with ”-R” or ”-MF” power cables</td>
</tr>
<tr>
<td>45V62</td>
<td>CS200A with ”-R” or ”-MF” power cables</td>
</tr>
</tbody>
</table>

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System™, refer to the chart on page 27.
Crafter™ Series

Crafter Series water-cooled torches offer professional welders the consistency and flexibility needed for demanding applications by increasing amperage output, not torch size.

ColorSmart™ hose and cable sets differentiate input water, water/power cable and gas hoses to simplify torch package installation (both models).

D-Handle™ design features a self-indexing flat top that allows for torch orientation by feel (both models).

Tri-Flex™ hose and cable assembly remains flexible in cold weather to ease handling and extend cable life (both models).

Weld-Ready™ torch package features cable cover and installed front-end parts to maximize performance and simplify ordering (both models).

Double-lip back cap seal improves high-frequency shielding and reduces gas leakage (CS310A).

Mechanical fittings provide a secure connection to prevent gas or water leakage and allow easy hose replacement (both models).

TIG Tip

Avoid porosity by maintaining tight torch fittings and cable connections, using higher gas flow rates, shielding the welding area from wind, and cleaning your base metals.

Quik Specs

Hand-held Water-cooled

CS310A
• 310 amp DC, 310 amp AC (100% duty cycle)
• Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

CS410A
• 410 amp DC, 410 amp AC (100% duty cycle)
• Electrode range: .020” – 5/32” (0.5 – 4.0 mm)

Quik Find Guide

Torch Bodies Packages
CS310A CS310-25
CS310A CS310-12
CS310A CS310-50
CS410A CS410-25
CS410A CS410-12
CS410A CS410-50

Most Popular Accessories

Accessory Kits
• CS310-UAK, CS310AKC — CS310A
• CS410-UAK, CS410AKC — CS410A

Cable Covers
• WC-3-10 — CS310A
• WC-3-22 — CS310A
• WC-3-48 — CS310A
• WC-4-10 — CS410A
• WC-4-22 — CS410A
• WC-4-48 — CS410A

Extension Kits
• EK-1-25-R — CS310A only

Power Cable Adapters
• 45V11 — CS310A and CS410A

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System™, refer to the chart on page 27.
The WP-9 torch series provides optimal control when welding thin gauge materials (up to 1/4 inch), especially in hard-to-reach areas.

Lightweight body increases operator comfort and helps minimize downtime due to fatigue (all models).

Available gas valve improves shielding gas control (WP-9V).

Flexible neck improves torch control in limited-access areas (WP-9F).

Extended-reach flexible neck offers better joint access in a compact package (WP-9FL).

Combined flexible neck and valved model is ideal for welding in limited-access joints using power sources without gas solenoids (WP-9FV).

Pencil-style model requires no back cap for greater access to confined areas (WP-9P).

Maximize your shielding gas coverage by extending your tungsten no further than the inside diameter of the cup. If your cup is a size 6 (3/8-inch ID), then your tungsten should not extend beyond 3/8 inch.
WP-17 torches provide high-capacity performance on thin to medium gauge materials and are ideal for both professional and hobbyist welders.

Diamond Grip™ helps welding operators maintain a secure grip for superior torch control in all welding positions (WP-17 and WP-17V).

High-temperature silicone rubber insulation prevents high-frequency voltage leaks (all models).

Fingertip gas valve and standard two-piece power cable improve shielding gas control and ease power cable maintenance and repair (WP-17V).

Flexible neck allows access into hard-to-reach areas for improved torch control and operator comfort (WP-17F).

Combined valved and flexible neck offers easy shielding gas control and improves access on tight joints (WP-17FV).

**Quik Specs**

**Hand-held Air-cooled**

**WP-17/17V**
- 150 amp DC, 115 amp AC (60% duty cycle)
- Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

**WP-17F/17FV**
- 150 amp DC, 115 amp AC (60% duty cycle)
- Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

**Quik Find Guide**

<table>
<thead>
<tr>
<th>Torch Bodies</th>
<th>Packages</th>
</tr>
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<tbody>
<tr>
<td>WP-17</td>
<td>WP-17F-25-R</td>
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<td>WP-17V</td>
<td>WP-17V-25-R</td>
</tr>
<tr>
<td>WP-17F</td>
<td>WP-17V-25-2</td>
</tr>
<tr>
<td>WP-17FV</td>
<td>WP-17FV-25-R</td>
</tr>
<tr>
<td>WP-17-PSH</td>
<td>WP-17-PSH-12-MF</td>
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<tr>
<td>WP-17V-PSH</td>
<td>WP-17V-PSH-12-MF</td>
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<tr>
<td>WP-17F-25-R</td>
<td>WP-17V-25-2</td>
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**Most Popular Accessories**

<table>
<thead>
<tr>
<th>Accessory Kits</th>
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<tbody>
<tr>
<td>AK-2, AK2C</td>
<td>all torches</td>
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<tr>
<td>MAK-25</td>
<td>all torches</td>
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<tr>
<td>AK-150MF</td>
<td>WP-17/17V/17F/17V-PSH</td>
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<table>
<thead>
<tr>
<th>Cable Covers</th>
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<tbody>
<tr>
<td>WC-3-10</td>
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<tr>
<td>WC-3-22</td>
<td>all torches</td>
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<td>WC-3-46</td>
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<table>
<thead>
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<th>Extension Kits</th>
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<tr>
<td>EK-2-25-R</td>
<td>all torches</td>
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<table>
<thead>
<tr>
<th>Power Cable Adapters</th>
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</thead>
<tbody>
<tr>
<td>105Z57</td>
<td>all torches with “-R” or “-MF” power cables</td>
</tr>
</tbody>
</table>

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System™, refer to the chart on page 27.

**TIG Tip**

**CORRECT**

Ideal Preparation — Stable Arc

- Straight Ground
- Stable Arc
- Flat Tip
- Grinding Wheel

**INCORRECT**

Wrong Preparation — Wandering Arc

- Radial Ground
- Arc Wander
- Pointed Tip
- Grinding Wheel

Note: Do not use wheel for other jobs or tungsten can become contaminated and cause lower weld quality. Use pointed tungsten when welding AC or DC with most inverters.
WP-26 Series

The WP-26 torch series offers maximum performance and dependability on continuous, heavy-duty welding applications.

**Heavy copper construction** provides maximum welding capacity for rugged fieldwork (all models).

**Reliable air-cooling capabilities** eliminate the need and expense of water-cooled systems (all models).

**Gas control valve** allows quick, easy adjustment of shielding gas flow (WP-26V).

**Flexible neck** easily adjusts to any angle for better torch control in limited-access joints (WP-26F).

**Combination of flexible neck and gas valve** offers greater operator comfort and control (WP-26FV).

**TIG Tip**

Prevent high frequency interference by keeping torch and work cables as short as possible and closely bundled. Remember to ground your power source according to the installation instructions provided in the operator’s manual.

**Quik Specs**

**Hand-held Air-cooled**

**WP-26/26V/26P**
- 200 amp DC, 150 amp AC (60% duty cycle)
- Electrode range: .020”–5/32” (0.5–4.0 mm)

**WP-26F/26FV**
- 200 amp DC, 150 amp AC (60% duty cycle)
- Electrode range: .020”–5/32” (0.5–4.0 mm)

**Quik Find Guide**

**Torch Bodies**
- WP-26
- WP-26P
- WP-26V
- WP-26F
- WP-26FV

**Packages**
- WP-26V-25-2
- WP-26V-25-R
- WP-26-25-2
- WP-26FV-25-2
- WP-26FV-25-R
- WP-26F-25-R

**Most Popular Accessories**

**Accessory Kits**
- AK-3, AK3C — all torches
- MAK-2S — all torches

**Cable Covers**
- WC-3-10 — all torches
- WC-3-Z2 — all torches
- WC-3-4B — all torches

**Extension Kits**
- EK325R — all torches with “-R” power cables

**Power Cable Adapters**
- 45V62 — all torches with “-R” power cables

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System®, refer to the chart on page 27.
WP-150 and WP-200 torches are designed for welding operators who encounter multiple joint configurations or joints with limited access.

Modular design allows for easy, low-cost maintenance and repairs (all models).

Easily configurable head options provide greater flexibility and joint access, and minimize downtime for torch changeover (all models).

Comfortable ribbed handle remains cool to increase operator comfort for longer periods of time (all models).

Copper head and coil assembly increases cooling capacity for longer, more reliable torch performance and longer consumable life (all models).

Gas valve provides greater shielding gas flow control (WP-150V and WP-200V).

WP-150-G with 24-90 head maneuvers well into complex joints.

AK-150MF (optional for WP-150)

Allows air-cooled torches to be converted into 20 unique configurations.
Silicon rubber insulation surrounding the head and coil prevents high-frequency leaks (all models).

Rotatable torch bodies allow built-in gas valve to be positioned at any point for better operator comfort (V models).

Easily removable head/coil combination eliminates multiple connection points to prevent overheating (all models).

The Redhead Series flexible-neck torch bodies provide maximum versatility on multiple welding applications, without adding expense.

WP-24 Series

WP-24 torches are ideal for intricate welding applications, especially in limited-access areas, and work well on thinner gauge materials.

Featherweight torch body is well-balanced to improve operator comfort and control (all models).

Available 60° or 90° head angles increase flexibility to improve access into tight areas (all models).

Insulating gasket on torch body prevents gas leakage to minimize weld discontinuities (all models).

Fingertip gas valve allows for easy gas flow adjustment (WP-24FV).

Flexible neck bends in any direction to ease welding in difficult joints (WP-24F).

Flexible neck and gas valve combine to offer optimal positioning and gas flow control (WP-24FV).
**WP-20 Series**

WP-20 torches are designed for long-term, trouble-free service and offer consistent welding performance in general applications.

- Efficient around-the-head cooling design helps extend torch life and minimizes downtime due to overheating (all models).
- **Compact** and lightweight torch body offers good torch control and increases operator comfort (all models).
- **Gas control valve** eases gas flow adjustment (WP-20V).

Pencil-style head allows for greater access into hard-to-reach joints (WP-20P).

**Mechanical fittings** provide a secure connection to prevent gas or water leakage and allow easy hose replacement (WP-20M and WP-20V).

---

**WP-24W Water-Cooled Torch**

The WP-24W torch is one of the smallest water-cooled TIG torches on the market and is designed for welding in confined areas that require higher amperages.

- **Compact torch body** provides superior maneuverability in limited-access locations.
- Efficient **cooling system** offers excellent weld capacity without increasing torch size.
- **Light, well-balanced body design** increases operator comfort and torch control.

---

### Quik Specs

**Hand-held Water-cooled**

**WP-20/20M/20V**
- 250 amp AC/DC (100% duty cycle)
- Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

**WP-20P**
- 225 amp AC/DC (100% duty cycle)
- Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

### Quik Find Guide

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<td>WP-20-25</td>
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<td>WP-20M</td>
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<td>WP-20V</td>
<td>WP-20V-12</td>
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<td>WP-20P</td>
<td>WP-20P-12</td>
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</table>

### Most Popular Accessories

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<th>Accessory Kits</th>
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</thead>
<tbody>
<tr>
<td>• AK-4, AK4C — WP-20/20M/20V</td>
</tr>
<tr>
<td>• AK-4A — WP-20P</td>
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<tr>
<td>• MAK-1S — WP-20/20M/20V</td>
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</table>

<table>
<thead>
<tr>
<th>Cable Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>• WC-3-10 — all torches</td>
</tr>
<tr>
<td>• WC-3-22 — all torches</td>
</tr>
<tr>
<td>• WC-3-34 — all torches</td>
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<table>
<thead>
<tr>
<th>Extension Kits</th>
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<tbody>
<tr>
<td>• EK-1-25-R — all torches</td>
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<table>
<thead>
<tr>
<th>Power Cable Adapters</th>
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</thead>
<tbody>
<tr>
<td>• 45V11 — all torches</td>
</tr>
</tbody>
</table>

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### Quik Specs

**Hand-held Water-cooled**

**WP-24W**
- 180 amp AC/DC (100% duty cycle)
- Electrode range: .020” – 3/32” (0.5 – 2.4 mm)

### Quik Find Guide

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### Most Popular Accessories

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<tbody>
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<td>• AK-5W</td>
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<td>• WC-3-10</td>
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<td>• WC-3-22</td>
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<table>
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<tr>
<th>Power Cable Adapters</th>
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<tr>
<td>• 45V11</td>
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</table>

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System®, refer to the chart on page 27.
**WP-25 Flexible Neck Torch**

The WP-25 pencil-style, flexible neck torch works well for higher amperage welding applications that require access into difficult joints or confined areas.

Efficient cooling design decreases downtime due to overheating and provides longer trouble-free service.

Flexible neck bends any direction for access into hard-to-reach areas.

**WP-225 Modular Flexible Neck Torch**

The WP-225 modular flexible neck torch allows customization of a single water-cooled torch into multiple configurations for welding various applications and angles.

Interchangeable torch components configure into seven torch styles for multiple welding angles (see inset).

Modular design minimizes costs and downtime for torch changeover and parts inventory.

Built-in, efficient cooling system reduces overheating to extend parts and consumable life.
WP-18 Series

The rugged WP-18 series has been engineered for high-amperage, continuous duty hand-held welding and for mechanized applications.

Unique cooling design minimizes overheating to reduce downtime and costs, along with operator discomfort (WP-18 and WP-18V).

Comfortable handle improves operator comfort and helps prevent fatigue (WP-18 and WP-18V).

Built-in fingertip gas control valve offers superior gas flow control (WP-18V).

Pencil-style models offer outstanding durability on mechanized applications (WP-18P and WP-18SP — not shown).

Full-flow water chamber provides around-the-head cooling to minimize overheating and extend torch and consumable life.

Heavy-duty stubby collet body allows for gas lens usage to improve gas coverage and helps increase cooling capacity.

Durable copper components maximize current capacity to extend parts life.

Textured handle increases operator comfort and maximizes torch control.

WP-18SC Water-cooled Torch

WP-18SC (Super Cool™) torch endures the most demanding applications and minimizes overheating.

Full-flow water chamber provides around-the-head cooling to minimize overheating and extend torch and consumable life.

Heavy-duty stubby collet body allows for gas lens usage to improve gas coverage and helps increase cooling capacity.

Durable copper components maximize current capacity to extend parts life.

Textured handle increases operator comfort and maximizes torch control.
**WP-50 MicroTig™ Torches**

**WP-50 MicroTig air-cooled torches** are designed for welding on low-amperage, precision applications.

- Light, short torch body allows pen-like control and provides greater operator comfort (both models).
- Available 80° or 180° heads offer precise access into small, complex joints (both models).
- Fingertip gas valve provides easy gas flow control for good weld quality (WP-50V).

**WP-125 MicroTig™ Torches**

**WP-125 MicroTig** water-cooled torches are designed for limited-access joints.

- Low-profile nozzle and optional 45°, 90° and 180° heads fit into holes as small as 5/8-inch diameter (all models).
- Replaceable silicone rubber insulator and head components lower maintenance costs (all models).
- Available in 2-inch (WP-125S), 3-1/2-inch (WP-125M) or 5-inch (WP-125L) torch bodies.

**WP-12 Water-cooled Torch**

*The WP-12 water-cooled torch is designed for high-capacity, demanding applications.*

- Sealed water chamber prevents torch overheating to improve operator comfort and minimize unnecessary downtime.
- Heavy-duty components ensure reliable welding performance, even after continuous and demanding use.
- 100% copper construction ensures maximum thermal conductivity.

---

**Quik Specs**

**Specialty**

**WP-50/50V**
- 50 amp DC, 40 amp AC (60% duty cycle)
- Electrode range: .020” – .040” (0.5 – 1.0 mm)

**Quik Find Guide**

- **Torch Bodies**
  - WP-50
  - WP-50V
- **Packages**
  - WP-50-25-1
  - WP-50-12-1
  - WP-50-25-2

**Most Popular Accessories**

- **Accessory Kits**
  - AK-6 — all torches
- **Power Cable Adapters**
  - 105257 — all torches with “-R”, “-MF” or “-1” power cables

**Quik Specs**

**Specialty**

**WP-125L/125M/125S**
- 125 amp DC, 80 amp AC (100% duty cycle)
- Electrode range: .040” – 3/32” (1.0 – 2.4 mm)

**Quik Find Guide**

- **Torch Bodies**
  - WP-125L
  - WP-125M
  - WP-125S
- **Packages**
  - WP-125L-25
  - WP-125M-12
  - WP-125S-25

**Most Popular Accessories**

- **Accessory Kits**
  - AK-125 — all torches
- **Power Cable Adapters**
  - 45V11 — all torches

**Quik Specs**

**Specialty**

**WP-12**
- 500 amp AC/DC (100% duty cycle)
- Electrode range: 1/16” – 1/4” (1.6 – 6.4 mm)

**Quik Find Guide**

- **Torch Bodies**
  - WP-12
- **Packages**
  - WP-12-25
  - WP-12-12

**Most Popular Accessories**

- **Accessory Kits**
  - AK-7
- **Power Cable Adapters**
  - 45V11

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System™, refer to the chart on page 27.
WP-23 Machine Torch Series

WP-23A and WP-23B machine torches are designed for lower-amperage mechanized applications using V-block mounting fixtures.

Front or back tungsten loading minimizes downtime associated with tungsten changeover (both models).

Interchangeable WP-20 manual torch consumables (excluding collets) simplify inventory and lower parts cost (both models).

Available in three-inch (WP-23B) or seven-inch (WP-23A) barrel lengths to meet the specific needs of various mechanized applications.

WP-27AAC Machine Torch

The WP-27AAC machine torch incorporates the most advanced technology on the market to provide long-term, trouble-free service on high-amperage, mechanized applications.

Collet body features built-in gas lens to increase gas coverage for better weld quality.

Front or back tungsten loading eases tungsten changeover, along with associated downtime and costs.

Nine-inch, air-cooled barrel eliminates the need and costs for complex water-cooling systems.
WP-22 Machine Torch Series

WP-22A and WP-22B water-cooled machine torches are engineered for continuous mechanized applications and are durable enough to withstand harsh welding environments.

Heavy-duty power cable maintains its durability even in continuous, demanding applications (both models).

Available in three-inch (WP-22B) or seven-inch (WP-22A) barrel lengths to meet exact welding requirements on precise mechanized jobs.

Front or back tungsten loading/tightening eases tungsten changeover and extension adjustments (both models).

Standard consumables (except collets) interchange with WP-20 manual torches to lower inventory costs (both models).

TIG Tip

Maintaining good electrical contact between your tungsten and collet helps improve current transfer and weld quality. Keep your TIG torch components tightened and check regularly for worn parts.

Quik Specs

Machine-held
Water-cooled
WP-22A/22B
• 250 amp AC/DC (100% duty cycle)
• Electrode range: .040”–1/8” (1.0–3.2 mm)

Quik Find Guide

Torch Bodies Packages
WP-22A WP-22A-12
WP-22B WP-22B-12
WP-22A-6
WP-22B-3

Most Popular Accessories

Cable Covers
• WC-3-2 — all torches
• WC-3-10 — all torches
• WC-3-22 — all torches

Extension Kits
• EK-1-25-R — all torches

Power Cable Adapters
• 45V11 — all torches

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System®, refer to the chart on page 27.
WP-27 Machine Torch Series

WP-27 machine torches are designed to meet the stringent and continuous demands of precise, high-amperage mechanized welding applications.

Built-in gas lens improves gas coverage to eliminate shielding gas turbulence and improve weld quality (all models).

Front or back tungsten loading/tightening allows for quick, easy tungsten adjustment and changeover (all models).

Available in nine-inch (WP-27A) and 20-inch (WP-27B and WP-27BHD) barrel lengths to allow greater access to joints.

Internal tungsten adjustment eases fine positioning of tungsten and allows for axial movement of 1/4 inch (all models).

Heavy-duty model withstands the most demanding high-amperage applications (WP-27 BHD).

Quik Specs

Machine-held Water-cooled

WP-27A/27B
• 500 amp AC/DC (100% duty cycle)
• Electrode range: .040”– 1/4” (1.0 – 6.4 mm)

WP-27BHD
• 900 amp AC/DC (100% duty cycle)
• Electrode range: .040”– 1/4” (1.0 – 6.4 mm)

Quik Find Guide

Torch Bodies Packages
WP-27B WP-27B-3
WP-27A WP-27A-3
WP-27BHD WP-27B-25
WP-27BHD-3

Most Popular Accessories

Accessory Kits
• AK-27 — all torches

Cable Covers
• WC-4-2 — all torches
• WC-4-10 — all torches
• WC-4-22 — all torches

Power Cable Adapters
• 45V11 — all torches
• 27-18 — „-3” assemblies

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System™, refer to the chart on page 27.
AHP air-cooled torches feature a unique rigid torch body design that provides excellent abrasion and heat resistance for long, trouble-free performance.

- Hard plastic insulation resists abrasion often encountered in harsh welding environments (both models).
- Lightweight body increases operator comfort and helps minimize downtime due to fatigue (both models).
- Highly conductive components improve current carrying capacity for cooler operation (both models).

**TIG Tip**

Improve your TIG arc starts by using the shortest torch tip to work distance for the job. Don’t forget to keep your torch cables properly grounded and as short as possible.

**Quik Specs**

**Hand-held Air-cooled**

- **AHP-10**
  - 100 amp DC, 75 amp AC (60% duty cycle)
  - Electrode range: .020”–3/32” (0.5–2.4 mm)

- **AHP-16**
  - 160 amp DC, 120 amp AC (60% duty cycle)
  - Electrode range: .020”–3/32” (0.5–2.4 mm)

**Quik Find Guide**

**Torch Bodies**

- AHP-10
- AHP-16

**Packages**

- AHP-16-25V
- AHP-16-12
- AHP-16-25
- AHP-10-25V
- AHP-10-12
- AHP-10-25

**Most Popular Accessories**

**Accessory Kits**

- 2310-1958 — AHP-16

**Cable Covers**

- WC-3-10 — all torches
- WC-3-22 — all torches
- RL-10 — all torches
- RL-22 — all torches

**Power Cable Adapters**

- 2310-2101 — AHP-10
- 2310-1877 — AHP-16

Additional torches, packages, accessories and consumables are available. Contact customer service for more information.
AHP water-cooled torches offer reliable cooling performance and, like their air-cooled counterparts, feature a unique abrasion-resistant torch body design.

Efficient around-the-head cooling minimizes torch overheating and extends consumable life in the most demanding applications (both models).

Durable and highly conductive components ensure good current capacity and cool operation (both models).

Insulating gasket on torch body prevents gas leaks to minimize weld discontinuities (both models).

**TIG Tip**

Achieve excellent arc starts on low-amperage AC or DC applications by using a 2% ceriated tungsten (color code: gray), especially on carbon and stainless steels.

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**Quik Specs**

**Hand-held Water-cooled**

- **AHP-20**
  - 200 amp AC/DC (100% duty cycle)
  - Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

- **AHP-35**
  - 350 amp DC (100% duty cycle)
  - Electrode range: .020” – 5/32” (0.5 – 4.0 mm)

**Quik Find Guide**

<table>
<thead>
<tr>
<th>Torch Bodies</th>
<th>Packages</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-20</td>
<td>AHP-20-25</td>
</tr>
<tr>
<td>AHP-35</td>
<td>AHP-35-25</td>
</tr>
</tbody>
</table>

**Most Popular Accessories**

**Accessory Kits**
- 2310-1958 — AHP-35

**Cable Covers**
- WC-3-10 — all torches
- WC-3-22 — all torches
- RL-10 — all torches
- RL-22 — all torches

**Power Cable Adapters**
- 2310-1824 — AHP-20
- 2310-0735 — AHP-35

Additional torches, packages, accessories and consumables are available. Contact customer service for more information.
Legacy™ Air-Cooled Torches

9LGC Series
- 125 amp DC, 100 amp AC (60% duty cycle)
- Electrode range: .020”–.3/32” (0.5 – 2.4 mm)

17LGC Series
- 150 amp DC, 115 amp AC (60% duty cycle)
- Electrode range: .020”–.1/8” (0.5 – 3.2 mm)

26LGC Series
- 200 amp DC, 150 amp AC (60% duty cycle)
- Electrode range: .020”–.5/32” (0.5 – 4.0 mm)

Quik Find Guide

Torch Bodies Packages
9LGC 9FX12RLGC
9VLGC 9FX25RLGC
9FXLGC 925RLGC
17LGC 17FX25RLGC
17VLGC 17FX25RLGC
17FXLGC 17FX25RLGC
26LGC 26FX12RLGC
26VLGC 26FX25RLGC
26FXLGC 26FX25RLGC

Quik Specs

Hand-held Air-cooled

9LGC Series
- 125 amp DC, 100 amp AC (60% duty cycle)
- Electrode range: .020”–.3/32” (0.5 – 2.4 mm)

17LGC Series
- 150 amp DC, 115 amp AC (60% duty cycle)
- Electrode range: .020”–.1/8” (0.5 – 3.2 mm)

26LGC Series
- 200 amp DC, 150 amp AC (60% duty cycle)
- Electrode range: .020”–.5/32” (0.5 – 4.0 mm)

Most Popular Accessories

Accessory Kits
• AK1LGC — 9LGC Series torches
• AK2LGC — 17LGC Series torches
• AK3LGC — 26LGC Series torches

Cable Covers
• CC310HDLGC — all torches
• CC322HDLGC — all torches

Extension Kits
• EK225RLGC — 9LGC and 17LGC Series with "-R" power cables
• EK325RLGC — 26LGC Series with "-R" power cables

Power Cable Adapters
• 105Z57LGC — 9LGC and 17LGC Series with "-R" power cables
• 45V62LGC — 26LGC Series with "-R" power cables

Legacy Series air-cooled torches offer good quality at competitive prices for less critical welding applications.

Reliable air-cooling capacity eliminates the need and expense of a water-cooling system (all models).

Flexible neck bends easily to provide access into complex joints (FX models).

Built-in gas valve eases shielding gas control to improve weld quality (V models).

Flexible neck and gas valve combine to offer welding operators better control of torch and shielding gas (FXV models).
Legacy™ Water-Cooled Torches

Legacy Series water-cooled torches are a reliable and competitively priced alternative for higher-amperage applications.

Efficient around-the-head cooling minimizes overheating and helps extend torch life (all models).

Lightweight, durable torch body works well for general applications (20 Series).

Rugged torch body design withstands continuous duty applications (18 Series).

Flexible neck reaches into confined areas and allows for improved torch control on difficult joints (20FX model).

Quik Specs

Hand-held Water-cooled

18LGC Series
- 350 amp DC, 250 amp AC (100% duty cycle)
- Electrode range: .020” – 5/32” (0.5 – 4.0 mm)

20LGC Series
- 250 amp DC, 175 amp AC (100% duty cycle)
- Electrode range: .020” – 1/8” (0.5 – 3.2 mm)

Quik Find Guide

Torch Bodies Packages
18LGC 1825LGC
18PLGC 1825RLGC
1812LGC 18P25LGC
20LGC 2025RLGC
20FXLGC 2025LGC
20FX25LGC 20FX25RLGC

Most Popular Accessories

Accessory Kits
- AK3LGC — 18LGC Series torches
- AK4LGC — 20LGC Series torches

Cable Covers
- CC310HDLGC — 18LGC and 20LGC Series torches
- CC322HDLGC — 18LGC and 20LGC Series torches
- CC410HDLGC — 18PLGC Series torches
- CC422HDLGC — 18PLGC Series torches

Extension Kits
- EK125RLGC — all torches

Power Cable Adapters
- 45V11LGC — all torches

Additional torches, packages, accessories and consumables are available. Contact customer service for more information. For more information on Quick Connect System®, refer to the chart on page 27.

TIG Tip

When cleaning contaminated tungsten, DO NOT break off the end of the tungsten. Breaking the tungsten can cause splinter fractures, resulting in an erratic arc. Use a cutoff wheel or the edge of a grinding wheel.
**Non-Gas Lens Set-Up**

<table>
<thead>
<tr>
<th>Description</th>
<th>Electrode Diameter — inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.020 (0.5)</td>
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<tr>
<td>Collet</td>
<td>10N21</td>
</tr>
<tr>
<td>Collet Body</td>
<td>10N29</td>
</tr>
<tr>
<td>Single-Piece (SP) Collet/Collet Body</td>
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</tr>
<tr>
<td>Back Cap Insulator</td>
<td>18-7</td>
</tr>
<tr>
<td>Nozzle Insulator</td>
<td>18CG</td>
</tr>
<tr>
<td>Stubby Nozzle Insulator</td>
<td>18CG20</td>
</tr>
<tr>
<td>Stubby Collet</td>
<td>—</td>
</tr>
<tr>
<td>Stubby Collet Body</td>
<td>—</td>
</tr>
</tbody>
</table>

**Gas Lens Set-Up**

<table>
<thead>
<tr>
<th>Description</th>
<th>Electrode Diameter — inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.020 (0.5)</td>
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<tr>
<td>Gas Lens Insulator</td>
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<tr>
<td>Collet</td>
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<tr>
<td>Gas Lens</td>
<td>45V29</td>
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<tr>
<td>Large Diameter Gas Lens Insulator</td>
<td>54N63</td>
</tr>
<tr>
<td>Collet</td>
<td>10N21</td>
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<tr>
<td>Large Diameter Gas Lens</td>
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**Nozzle Size — size # (inch)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Electrode Diameter — inch (mm)</th>
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<tbody>
<tr>
<td>Alumina Nozzle</td>
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<tr>
<td>Lava Nozzle</td>
<td>105/43</td>
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<tr>
<td>Long Lava Nozzle</td>
<td>12N03</td>
</tr>
<tr>
<td>Stubby Alumina Nozzle</td>
<td>13N08</td>
</tr>
</tbody>
</table>

*Not recommended for WP-17 Series.

Additional options are available. Contact customer service for more information.

---

### TIG Tip

Optimize shielding gas coverage by using an appropriate size gas lens. Gas lenses help minimize rework and allow for greater tungsten extension, which increases access into confined joints.
### WP-9, WP-20 and CS125A, CS310A Accessories

#### Torch Parts and Accessories

**Nozzle Size — size # (inch)**

<table>
<thead>
<tr>
<th>Description</th>
<th>3 (3/16)</th>
<th>4 (1/4)</th>
<th>5 (5/16)</th>
<th>6 (3/8)</th>
<th>7 (7/16)</th>
<th>8 (1/2)</th>
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<th>Short (1)</th>
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<tbody>
<tr>
<td>Alumina Nozzle</td>
<td>13N08</td>
<td>13N09</td>
<td>13N10</td>
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<td>13N18</td>
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#### Electrode Diameter — inch (mm)

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<td>13N22</td>
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</table>

#### Additional Options

- Not recommended for WP-9 Series or CS125A.
- Additional options are available. Contact customer service for more information.

---

**Description**

- Collet
- Collet Body
- Single-Piece (SP) Collet/Collet Body
- Back Cap Insulator
- Nozzle Insulator

**Electrode Diameter — inch (mm)**

<table>
<thead>
<tr>
<th>Description</th>
<th>.020 (0.5)</th>
<th>.040 (1.0)</th>
<th>.060 (1.6)</th>
<th>.080 (2.4)</th>
<th>.100 (3.2)</th>
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<tbody>
<tr>
<td>Gas Lens</td>
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<td>13N21L</td>
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**Nozzle Size — size # (inch)**

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<th>4 (1/4)</th>
<th>5 (5/16)</th>
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<tr>
<td>Alumina Gas Lens Nozzle</td>
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<td>57N7SL</td>
<td>57N74L</td>
<td>53N86L</td>
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<td>57N75XXL</td>
<td>57N74XXL</td>
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<td>53N89XXL</td>
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</tr>
</tbody>
</table>

**Description**

- Long Back Cap
- Medium Back Cap
- Short Back Cap
- Textured Handle
- Ribbed Handle
- D-Shape Handle
- D-Shape Handle Switch
- Valve Stem

**Electrode Diameter — mm**

<table>
<thead>
<tr>
<th>Description</th>
<th>WP-9 Series</th>
<th>WP-20 Series</th>
<th>CS125 Series</th>
<th>CS110 Series</th>
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<td>CS110-BCL</td>
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<td>CS110-BCM</td>
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<td>Short Back Cap</td>
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<td>41V23</td>
<td>CS110-BCS</td>
<td>CS110-BCS</td>
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<tr>
<td>Textured Handle</td>
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<td>53N06</td>
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<tr>
<td>Ribbed Handle</td>
<td>H-100R</td>
<td>53N06R</td>
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<td>D-Shape Handle</td>
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<td>CS110-H</td>
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<tr>
<td>D-Shape Handle Switch</td>
<td>—</td>
<td>—</td>
<td>CS110-SH</td>
<td>CS110-SH</td>
</tr>
<tr>
<td>Valve Stem</td>
<td>VS-2</td>
<td>VS-2</td>
<td>VS-2</td>
<td>VS-2</td>
</tr>
</tbody>
</table>

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**Triad™ Tungsten Grinder**

Weldcraft’s Triad™ tungsten grinder offers easy, accurate tungsten preparation for both orbital welding and hand-held applications.

- Available in a 115 V model (TTG Plus) or 230 V model (TTG Plus 230 V).
- Grinder accommodates six different electrode sizes and offers four angle (15°, 18°, 22.5° and 30°) grinding capabilities for maximum versatility on every job.
- Grinding, cutting and facing features eliminate the need and cost for additional preparation tools.
- Lightweight body allows for quick transport to any job and, for extra versatility, can also be bench mounted using an optional machine holder.
**Tungsten Electrodes**

Weldcraft’s premium tungsten is available in industry standard lengths (seven inch) and diameters (.040, 1/16, 3/32, 1/8 and 5/32 inch). Ten-count tungsten packages are conveniently color-coded according to tungsten type and feature three languages—English, Spanish and French.

To ensure quality and safety, Weldcraft tungsten meets AWS (American Welding Society) specifications and package labels feature important safety information.

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter in. (mm)</th>
<th>Part #</th>
<th>Applications</th>
<th>Alloying Element</th>
<th>Composition</th>
<th>Materials Welded</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pure (EWP)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Forms a clean, balled end when heated and provides good arc stability for AC welding with a balanced or unbalanced squarewave or sine wave.</td>
<td>0.040 (1.0)</td>
<td>WP040X7</td>
<td>AC</td>
<td>None</td>
<td>99.5% Tungsten 0.5% Other</td>
<td>Aluminum Magnesium</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WP116X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WP332X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WP018X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WP532X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2% Ceriated (EWCe-2)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Performs well in DC welding and arc starting at low-current settings, and offers excellent performance in AC processes.</td>
<td>0.040 (1.0)</td>
<td>WC040X7</td>
<td>DC</td>
<td>Cerium</td>
<td>97.3% Tungsten 1.8 – 2.2% Cerium 0.5% Other</td>
<td>Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WC116X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WC332X7</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WC018X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WC532X7</td>
<td></td>
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</tr>
<tr>
<td><strong>1.5% Lanthanated (EWLa-1.5)</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Provides excellent arc starting, arc stability and re-ignition, and is less prone to tip wear.</td>
<td>0.040 (1.0)</td>
<td>WL040X7</td>
<td>DC</td>
<td>Lanthanum</td>
<td>97.8% Tungsten 1.3 – 1.7% Lanthanum 0.5% Other</td>
<td>Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WL116X7</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WL332X7</td>
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<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WL018X7</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WL532X7</td>
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</tr>
<tr>
<td><strong>2% Lanthanated (EWLa-2)</strong></td>
<td></td>
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</tr>
<tr>
<td>Substitute for 2% Thoriated. Similar characteristics to 1.5% Lanthanated with better arc starting, arc stability and less tip erosion.</td>
<td>0.040 (1.0)</td>
<td>WL040X7</td>
<td>DC</td>
<td>Lanthanum</td>
<td>97.3% Tungsten 1.8 – 2.2% Lanthanum 0.5% Other</td>
<td>Carbon Steel Stainless Steel Nickel Alloy Titanium Aluminum</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WL116X7</td>
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<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WL332X7</td>
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<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WL018X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WL532X7</td>
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<tr>
<td><strong>Rare Earth (EWG)</strong></td>
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</tr>
<tr>
<td>Combines the best of all alloying elements and provides excellent arc stability in AC or DC welding.</td>
<td>0.040 (1.0)</td>
<td>WG040X7</td>
<td>DC</td>
<td>Cerium, Lanthanum, Yttrium, and Others</td>
<td>97.3% Tungsten Balance: Cerium, Lanthanum, Yttrium, and Others</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WG116X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WG332X7</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WG018X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WG532X7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2% Thoriated (EWTh-2)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Offers good arc starting and is ideal for high-current requirements. Also good for low-amperage AC applications using a modified point.</td>
<td>0.040 (1.0)</td>
<td>WT040X7</td>
<td>DC</td>
<td>Thorium</td>
<td>97.3% Tungsten 1.7 – 2.2% Thorium 0.5% Other</td>
<td>Carbon Steel Stainless Steel Nickel Alloy Titanium Copper</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WT116X7</td>
<td></td>
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<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WT332X7</td>
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<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WT018X7</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WT532X7</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Zirconiated (EWrZr-1)</strong></td>
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<tr>
<td>Balls up easily in AC applications. Handles higher current with less splitting. Improved arc starts and arc stability. Offers minimal tungsten contamination.</td>
<td>0.040 (1.0)</td>
<td>WZ040X7</td>
<td>AC</td>
<td>Zirconium</td>
<td>98.6% Tungsten 0.7 – 0.9% Zirconium 0.5% Other</td>
<td>Aluminum Magnesium</td>
</tr>
<tr>
<td></td>
<td>1/16 (1.6)</td>
<td>WZ116X7</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>3/32 (2.4)</td>
<td>WZ332X7</td>
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</tr>
<tr>
<td></td>
<td>1/8 (3.2)</td>
<td>WZ018X7</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>5/32 (4.0)</td>
<td>WZ532X7</td>
<td></td>
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</tr>
</tbody>
</table>

Refer to manufacturer MSDS sheets for proper preparation and safety. Use proper ventilation/capture during preparation. Refer to manufacturer warning regarding ventilation.
**QCS (Quick-Connect System™)**

Weldcraft’s QCS eases torch installation, prevents improper hook-ups, and offers long-term, trouble-free performance.

- **No tools required**
- **Fully insulated connectors**
- **Adapts to DIN style**
- **Features ColorSmart™ hoses**

Available in:
- Air-cooled: WTP17R, WTP17VR, WTP26R and WTP26VR
- Water-cooled: WTP18MR and WTP20MR

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**Weld-Ready™ Packages**

Weldcraft Weld-Ready™ packages feature one part number to simplify ordering and inventory.

Contents include:
- 25-ft. torch package and cable cover
- Welding accessory kit
- 15-ft. ground cable and clamp
- Smith Equipment™ flowmeter regulator
- Power cable adapter
- Gas and water (as applicable) hoses

Available in:
- Air-cooled: WTP17R, WTP17VR, WTP26R and WTP26VR
- Water-cooled: WTP18MR and WTP20MR

---

**Compatibility Chart**

<table>
<thead>
<tr>
<th>Power Supply</th>
<th>Connection Type</th>
<th>Air-Cooled Kit</th>
<th>Water-Cooled Kit</th>
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</thead>
<tbody>
<tr>
<td>Miller®</td>
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</tr>
<tr>
<td>Econotig®</td>
<td>DIN</td>
<td>Q5GT-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Dynasty® 200 Series</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Dynasty® 350 Series</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Maxstar® 200 Series</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Maxstar® 350 Series</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Syncrowave® 180/200 SD</td>
<td>DIN'</td>
<td>Q5GT-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Syncrowave® 250 DX</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Syncrowave® 250 LX</td>
<td>DIN</td>
<td>Q5G-150/Q5G-200</td>
<td>Q5W</td>
</tr>
<tr>
<td>Invertec® 160</td>
<td>DIN'</td>
<td>Q5GT-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Invertec® V205-T</td>
<td>DIN</td>
<td>Q5GT-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Invertec® V250-S</td>
<td>DIN</td>
<td>Q5G-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Precision TIG 195/225</td>
<td>DIN'</td>
<td>Q5GT-150</td>
<td>Q5WGT</td>
</tr>
<tr>
<td>Precision TIG 275</td>
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<tr>
<td>Precision TIG 375</td>
<td>DIN</td>
<td>Q5G-150</td>
<td>Q5WGT</td>
</tr>
</tbody>
</table>

1DIN with gas-through. 2Power supplies with a threaded stud require a QCS-M adapter.

For power supplies not listed at left, call customer service. LINCOLN is a registered trademark of Lincoln Electric Co.; MILLER is a registered trademark of Miller Electric Mfg. Co.
To Purchase Weldcraft Products or Obtain Additional Information, Contact:

• Your local welding distributor
• Weldcraft Customer Service
• Your preferred wholesaler
• Miller® Electric Mfg. Co.