



Butt/Fillet  
Weld Gauge  
2UPX3



Chipping Hammer  
w/Brush  
2WDR2



## Welding Accessories

**Butt/Fillet Weld Gauge**—Use to check and measure the size of butt welds, root openings, and convex and concave fillets. A finger knob allows easy locking. Laser etched stainless steel with threaded pin.

**Chipping Hammers and Brush**—Forged head has chisel on 1 end and point on the other to remove weld splatter. Steel shaft and wire handle.

| Item                    | Description                                | Brand    | Item No. |
|-------------------------|--|----------|----------|
| Butt/Fillet Weld Gauge  | From 0 to 3/4"                             | Palmgren | 2UPX3    |
|                         | Horizontal, 6 in Head Length, 5 oz Head    | Westward | 2DBV1    |
|                         | Vertical, 3 3/4 in Head Length, 5 oz Head  | —        | 19N773   |
|                         | Vertical, 6 in Head Length, 5 oz Head      | Westward | 2DBU9    |
|                         | Vertical, 6 1/2 in Head Length, 7 oz Head  | —        | 19N775   |
| Chipping Hammers        | Vertical, 6 1/4 in Head Length, 7 oz Head  | —        | 19N774   |
|                         | Vertical, 6 1/2 in Head Length, 7 oz Head  | —        | 19N781   |
|                         | Vertical, 7 1/4 in Head Length, 16 oz Head | —        | 19N777   |
|                         | Vertical, 7 1/2 in Head Length, 15 oz Head | —        | 19N779   |
|                         | Vertical, 7 3/4 in Head Length, 16 oz Head | —        | 19N780   |
|                         | Vertical, 7 3/4 in Head Length, 17 oz Head | —        | 19N778   |
|                         | Vertical, 4 in Head Length, 4 oz Head      | Westward | 2WDR2    |
| Chipping Hammer w/Brush | Straight, 3 Rows                           | —        | 19N784   |

Ground  
Clamp  
1UYE9



## TWECO Arc Welding Accessories

**Ground Clamps**—High-tensile, tight spring grips. 98% copper alloy minimizes resistance in electrical flow. Tweco clamps 44ZE41 and 44ZE34 are steel with a brass jaw. 44ZE44, 44ZE33, and 44ZE39 feature copper construction. All other clamps have a steel clamp with copper strap and jaw.

**Cable Connectors**—Fully insulated with rubber boots. For use with arc welders.

**Ball Point Lugs and Female Terminals**—Copper lugs are rated at 80V.

| Description                         | Amps  | Brand | Item No. |
|-------------------------------------|-------|-------|----------|
| <b>Ground Clamps</b>                |       |       |          |
| Brass, #1 Cable Size                | 300 A | —     | 19N767   |
| Brass, 2/0 Cable                    | 400 A | —     | 19N768   |
| Brass, 4/0 Cable                    | 600 A | —     | 19N769   |
| Brass And Steel                     | 300 A | —     | 19N770   |
| Brass And Steel,<br>Jaw Opens 1½ in | 800 A | —     | 19N772   |
|                                     | 200 A | —     | 19N765   |
| Steel With Braided<br>Copper Shunt  | 300 A | Tweco | 44ZE41   |
|                                     | 500 A | Tweco | 44ZE34   |
|                                     | 500 A | —     | 19N766   |
| Copper                              | 500 A | —     | 1UYF2    |
|                                     | 200 A | Tweco | 44ZE44   |
|                                     | 200 A | —     | 1UYE9    |
| Copper/Brass                        | 300 A | —     | 1UYF3    |
|                                     | 300 A | Tweco | 44ZE33   |
|                                     | 500 A | Tweco | 44ZE39   |
| <b>Cable Connectors</b>             |       |       |          |
| Male/Female 1MPC                    | —     | —     | 1UYF4    |
| Male/Female 2MPC                    | —     | —     | 1UYF5    |
| Male 2MPC1                          | —     | —     | 1UYF6    |
| Female 2MPC1                        | —     | —     | 1UYF7    |

| Description   | Amps | Brand | Item No. |
|---|------|-------|----------|
| Male/Female 4MPC Double Ball Point, Male/Female Double Ball Point, Female | —    | Tweco | 44ZE41   |
|   | —    | Tweco | 44ZE36   |
|   | —    | Tweco | 44ZE37   |
|   | —    | Tweco | 44ZE38   |
| Lug   | —    | Tweco | 49NW86   |
| —   | —    | Tweco | 49NW87   |
| <b>Cable Ball Point Lugs</b>  |      |       |          |
| Straight  | —    | Tweco | 6NE38    |
|   | —    | Tweco | 6NE40    |
|   | —    | Tweco | 6NE44    |
|   | —    | Tweco | 6NE37    |
| 45° Angle   | —    | Tweco | 6NE41    |
|   | —    | Tweco | 6NE39    |
|   | —    | Tweco | 6NE43    |
|   | —    | Tweco | 6NE47    |
| <b>Cable Female Terminals</b>   |      |       |          |
| Straight  | —    | Tweco | 6NE46    |
|   | —    | Tweco | 6NE48    |
|   | —    | Tweco | 6NE45    |
|   | —    | Tweco | 6NE47    |

792YE5



## Corded Weld Shavers

Weld shavers cut with multiple indexable inserts that remove material as the milling head rotates. The milling head adjusts up or down to set the depth of cut. Base plates on each side of the head stabilize the cutter and form a slot for guiding the cut along the weld.

| Maximum Weld Removal Height | Maximum Weld Removal Width | Weld Height Adjustment | Number of Inserts | Brand           | Item No. |
|-----------------------------|----------------------------|------------------------|-------------------|-----------------|----------|
| 3/16 in                     | 1/2 in                     | 0.063 in               | 8                 | Heck Industries | 30NX73   |
| 3/8 in                      | 1 in                       | 0.004 in               | 3                 | Metabo          | 792YE5   |



Magnetic Welding Link  
3G919



Magnetic  
Welding Squares  
2MJJ7



## Welding Grounds and Squares

**Magnetic Welding Grounds**—Powerful, permanent magnetic clamps attach securely to work surfaces. Spring-loaded models have breakaway release handle. On/Off models can be used on flat or pipe surfaces.

**Magnetic Holder**—Offers fast and accurate positioning, holding, and fit-up of round, and/or square tubing and steel plates.

**Magnetic Welding Link**—Holds steel plates in position for welding, brazing, and soldering.

**Magnetic Welding Squares**—Have 2 holes for fixture mounting, and allow thread-rod positioning for larger sheets. Corrosion-resistant zinc-plated poles. Can be used on flat or pipe surfaces.

**Welding Magnet Protractor**—Magnetic clamp holds ferrous metals at fixed angles for clamping or welding.

| Type                                      | Max. Pull (lb.) | Dia. (in.) | L (in.)  | Amps  | Mfr. Model | Item No. |
|---|-----------------|------------|----------|-------|------------|----------|
| <b>Magnetic Welding Grounds, Mag-Mate</b> |                 |            |          |       |            |          |
| Spring Loaded                             | 35 lb           | 3 1/2 in   | —        | 250 A | WG250      | 2MJK6    |
|   | 35 lb           | 3 1/2 in   | —        | 800 A | WG800      | 2MJK8    |
|   | 150 lb          | —          | 2 1/2 in | 200 A | WG200R     | 45EX64   |
| On/Off Welding Ground                     | 450 lb          | —          | 5 in     | 800 A | WG800R     | 45EX66   |

| Description   | Max. Pull | Color  | Overall Width | Overall Length | Brand         | Item No. |
|---|-----------|--------|---------------|----------------|---------------|----------|
| <b>Magnetic Holder</b>  |           |        |               |                |               |          |
| Magnetic Fixture 45, 90 & 135°, Holds 90 lb.                                | —         | —      | —             | —              | Sumner        | 19F653   |
| <b>Magnetic Welding Angle</b>   |           |        |               |                |               |          |
| Holds On Three Sides  | 150 lb    | —      | 2.1 in        | 9.6 in         | Mag-Mate      | 45EX69   |
| Inside or Outside 90° Holding   | 450 lb    | Red    | 3.9 in        | 12.3 in        | Mag-Mate      | 45EX71   |
| On/Off Handle   | 150 lb    | —      | 1.9 in        | 4 in           | Mag-Mate      | 45EX68   |
| <b>Magnetic Welding Link</b>  |           |        |               |                |               |          |
| (2) Alnico Magnetic Blocks Linked w/Steel Bar & Wing Nuts, 25 lb. Per Block | —         | —      | —             | —              | General Tools | 3G919    |
| <b>Magnetic Welding Square</b>  |           |        |               |                |               |          |
| 45° and 90° Angles  | 160 lb    | —      | 8 in          | 8 in           | Mag-Mate      | 38Y429   |
| Adjustable Angle Square   | 120 lb    | —      | 7.6 in        | 7.6 in         | Mag-Mate      | 2MJJ8    |
| Compact   | 60 lb     | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 48FY43   |
| Compact Multiple Angle Square   | 60 lb     | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 2MJJ7    |
| Holds Work Pieces at Different Angles                                       | 55 lb     | —      | 4.4 in        | 4.4 in         | Mag-Mate      | 2MJJ6    |
| Inside 90° Outside 45° and 90°  | 110 lb    | —      | 4.4 in        | 4.4 in         | Mag-Mate      | 38Y424   |
| Large w/Weld Spatter Cover/Breakaway Bar                                    | 40 lb     | —      | 5.5 in        | 4.8 in         | Mag-Mate      | 38Y425   |
| 325 lb  | —         | —      | 8 in          | 8 in           | Mag-Mate      | 2MJJK4   |
| Mid-Size Heavy Duty, Weld Spatter Cover/Breakaway Bar                       | 150 lb    | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 2MJJK2   |
| Mid-Size Multiple Angle Square  | 75 lb     | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 2MJJ9    |
| Mid-Size w/Weld Spatter Cover   | 75 lb     | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 2MJJK1   |
| Multi-Angle w/Large Finger Hole   | 60 lb     | —      | 3.8 in        | 3.8 in         | Mag-Mate      | 31HG52   |
| Switchable Technology, Tapped Holes for Fixture                             | 1,052 lb  | Yellow | 2.8 in        | 4.3 in         | Magswitch     | 406T02   |
| Tapped Holes for Fixture  | 150 lb    | —      | 1.5 in        | 1.5 in         | Mag-Mate      | 45EX61   |
|   | 450 lb    | Red    | 2.5 in        | 3 in           | Mag-Mate      | 45EX62   |
|   | 1,000 lb  | —      | 4 in          | 4.3 in         | Mag-Mate      | 45EX63   |
| <b>Welding Angle</b>  |           |        |               |                |               |          |
| Compact, Lightweight  | 215 lb    | Yellow | 3.9 in        | 15 in          | Magswitch     | 406T07   |
| <b>Welding Magnet Protractor</b>  |           |        |               |                |               |          |
| Provides Fixed 30°, 45°, 60°, 75° & 90°, Up to 50 lb. Resistance            | —         | —      | —             | —              | General Tools | 3G921    |