

WELD-ONS (CUP HEAD)



PART NUMBER	PRODUCT DESCRIPTION	GRIP LENGTH
308119	1 Pail w/ (5,000) ½" Weld-Ons	.500"
308120	1 Pail w/ (5,000) ¾" Weld-Ons	.700"
308121	1 Pail w/ (5,000) 1" Weld-Ons	.940"
308122	1 Pail w/ (3,000) 1½" Weld-Ons	1.125"
307099	1 Pail w/ (3,000) 1½" Weld-Ons	1.500"

WELD-ONS (FLAT HEAD)



PART NUMBER	PRODUCT DESCRIPTION	GRIP LENGTH
308141	1 Pail w/ (5,000) ½" Weld-Ons	.500"
308142	1 Pail w/ (5,000) ¾" Weld-Ons	.700"
308143	1 Pail w/ (5,000) 1" Weld-Ons	.940"
308144	1 Pail w/ (3,000) 1½" Weld-Ons	1.125"
307097	1 Pail w/ (3,000) 1½" Weld-Ons	1.500"
304973	1 Pail w/ (3,000) 2" Weld-Ons	2.00"

OVERVIEW

Weld-Ons are manufactured with consistently sharp points to ensure positive contact when welded to sheet metal. Produced from carbon alloy steel, the point of the welding pin is hardened in a unique cold form process. This process hardens the points, giving them a steel temper that will not blunt or flatten when applied, unlike other welding pins. The sharper point of contact results in a better weld and creates fewer sparks that can ignite adhesives or burn substrates. Weld-Ons are easily applied using any conventional portable or automatic resistance welding unit. Cup style washers are designed to sufficiently depress the insulation surface without tearing it.

PRODUCT TECHNICAL DATA

Temperature Range	32°F (0°C) to 250°F (121°C)
Intermittent Temperatures	0°F (-17°C) to 500°F (260°C)
Surface Treatment	Zinc plated/chromate dipped
Vibration Resistance	Not affected by typical vibrations found in HVAC systems

FEATURES AND BENEFITS

- Immediate and permanent connection to metal substrate
- Offered in flat or cupped head style
- Surface treatment provides better welds
- Sharp point to easily pierce through most insulation substrates



WELD-ONS PIN WELDER



PART #	PRODUCT DESCRIPTION
304644	1 Solid State Resistance Pin Welder
308796	1 Trigger Switch
304645	1 Magnetic Replacement Tip

FEATURES AND BENEFITS

- Fastens Weld-Ons to sheet metal
- Solid state timer and weld relay
- Heavy duty transformer unit
- Rugged 16 ga. case
- Weld-On lamp
- Super lightweight gun - 1.6 lbs.
- Heavy duty copper ground clamp
- Permanently connected cables
- Operates at 208–240 v., 30 amps.

POWER PACK WITH TIMER

Construction	16 ga. (1.52 mm) Fabricated Steel Chassis
Dimensions (Length x Width x Height)	16" x 9 ⁵ / ₈ " x 7 ¹ / ₄ " (406.4 mm x 244.5 mm x 184.2 mm)
Weight Including Gun & Cables	65 lbs. (29.5 kg)
Input Voltage	208-240 VAC, 60 Hz, 1 Phase, 30 Amps.
Weld Voltage	7.5 VAC Open Circuit
Line Cord	7' (2.13 m) of 12/3 cord, w/4 prong 30 Amp. Twist-Lock Plug
Weldable Pin Diameter	9 ga. (3.76 mm) Cupped Head Resistance Weld Pin
Weldable Base Metal Thickness	24 ga. (0.7 mm) and Lighter
Weld Rate (Approximate)	12 Pins/Min.

WELD GUN

Type	Pistol Grip
Weight (Less Cables)	1.6 lbs. (0.73 Kg)
Dimensions (Length x Diameter)	5 ¹ / ₄ " x 2" (133.4 mm x 50.8 mm)
Feed	Manual

CABLES (PERMANENTLY CONNECTED TO WELDER)

Gun	10 ¹ / ₂ ' (3.2 m) 3/0 Weld Cable and 18-3 Control Cable
Ground	2 ¹ / ₂ ' (0.76 m) 4/0 Weld Cable, Terminating in a Spring Loaded Clamp

SHIPPING

Weight	80 lbs. (36.4 kg)
Size	2.4 ft ³ (.068 m ³)