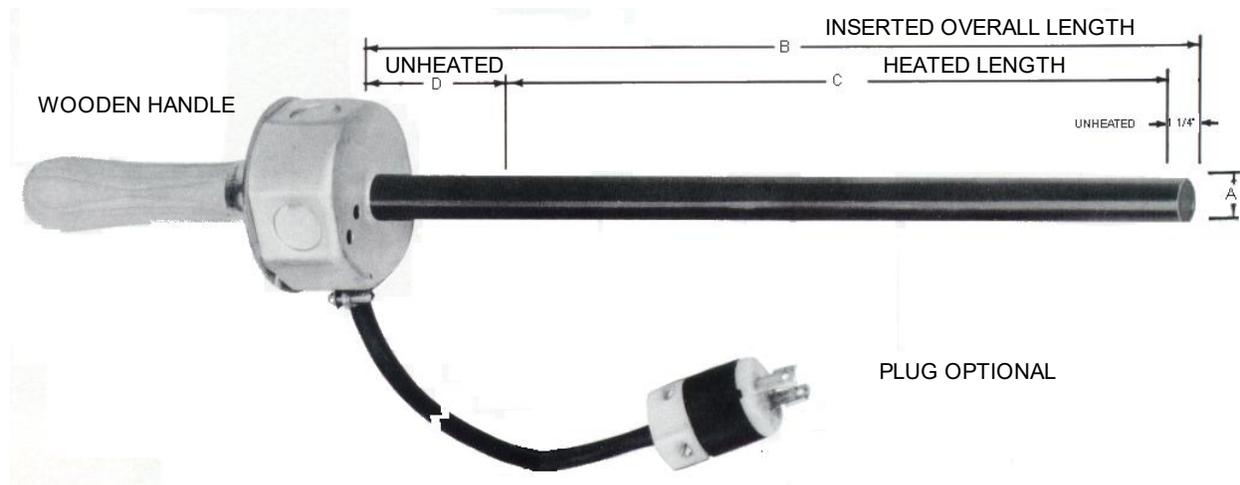


Bolt Heaters-Durabolt™

INTRODUCTION

Bolt heaters are used to pre heat large, hollow holding bolts or studs. These heaters are used as an aid to tighten large bolts in heavy machinery, servicing of hydraulic presses, compressors, die blocks, steam or pressure vessels and other equipment. A high concentration of heat is needed to expand both allowing further tightening of the nut. As the bolt cools and contracts it results in the nut being drawn even tighter.

Bolt heater is specifically designed to provide with close tolerance fits, watt densities of 100 watts per square inch. Which is almost 65% higher than standard cartridge or tubular heating elements can deliver. Bolt heaters provide quicker heat up time and minimum heat loss to the area surrounding the bolt.



Features

- Conduit box with knockouts
- Magnesium Oxide filled and swaged
- Optional SJO cord or post terminal
- Insulated wooden handle
- High Density construction
- Ground connection in box
- Lengths to 96" available

RECOMMENDED HEATER DIAMETER

HOLE DIAMETER	BOLT HEATER DIAMETER
.500	.438
.563	.438
.563	.496
.688	.621
.750	.688
.813	.781
.875	.813
1.000	.938
1.125	1.047
1.250	1.188

DIMENTIONS IN INCHES

Applications

- Engine Heads
- Pressure Vessels
- Cylinders
- Die Blocks
- Turbines
- Presses

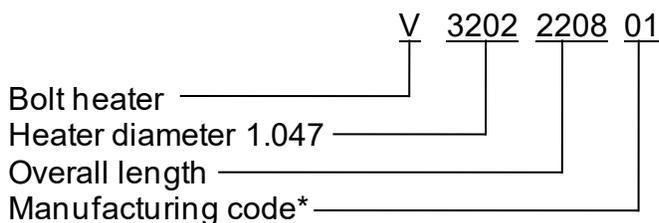
Bolt Heaters

STANDARD SIZES AND RATINGS

DIAMETER A	OVERALL LENGTH B	HEATED LENGTH C	COLD LENGTH D	WATTS	VOLTS	WATT DENSITY	PART NO
0.438	18"	10	7	1000	240	73	V14001800
	24"	16	7	1200	240	54	V14002400
	30"	22	7	1800	240	60	V14003000
0.496	18"	12	5	1900	240	77	V16001800
	24"	18	5	2300	240	60	V16002400
	36"	30	5	2300	240	57	V16003600
0.553	19 1/4"	12	6	1350	240	50	V17001908
	25 1/4"	18	6	1560	240	50	V17002508
	31 1/4"	24	6	2085	240	50	V17003108
	43 1/4"	36	6	3125	240	50	V17004308
	55 1/4"	48	6	4185	240	50	V17005508
0.621	18"	12	5	2350	240	100	V20001800
	24"	18	5	3500	240	100	V20002400
	36"	30	5	4500	240	77	V20003600
0.688	18"	12	5	1500	240	59	V22001800
	24"	18	5	2100	240	55	V22002400
	36"	30	5	4000	240	62	V22003600
0.813	19 1/4"	12	6	1535	240	50	V27001908
	25 1/4"	18	6	2300	240	50	V27002508
	31 1/4"	24	6	3065	240	50	V27003108
	43 1/4"	36	6	4600	240	50	V27003408
0.938	22 1/4"	12	9	1770	240	50	V30002208
	28 1/4"	18	9	2650	240	50	V30002808
	34 1/4"	24	9	3540	240	50	V30003408
	46 1/4"	36	9	5300	240	50	V30004608
1.047	22 1/4"	12	9	1975	240	50	V32022208
	28 1/4"	18	9	2960	240	50	V32022808
	34 1/4"	24	9	3950	240	50	V32023408
	46 1/4"	36	9	5925	240	50	V32024608

Bolt Heater Ordering Information

ORDER CODE EXAMPLE: V3202220801



FRACTION	CODE
1/32	01
1/16	02
1/8	04
1/4	08
1/2	16
5/8	20
3/4	24

*Assigned at the time of manufacturing