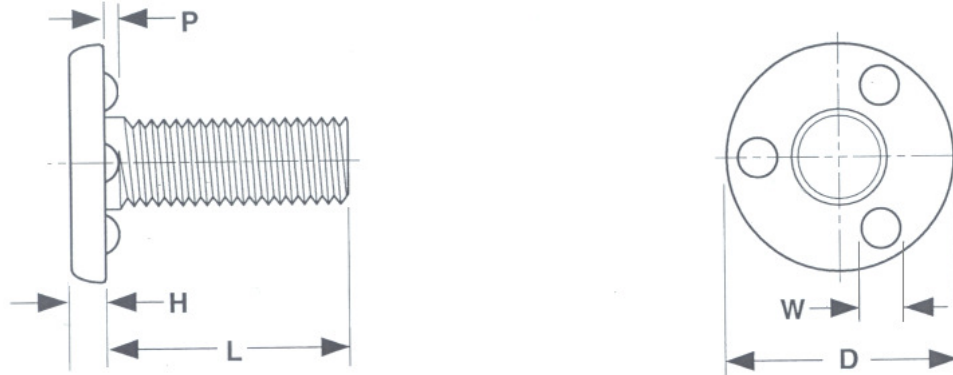


### Bottom Projection Weld Screw, Plain

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products shown in this purchase order (as applicable to the product). Unless specified below, current revisions of national or international standards shall be applicable as of the date of Fastenal's purchase order and must be adhered to in their entirety. If the order received does not meet these requirements, corrective action may be issued which could jeopardize your status as an approved supplier to Fastenal.



Size	D		H		W		P	
	Head Diameter		Head Thickness		Projection Diameter		Projection Height	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
6	.323	.303	.052	.042	.055	.045	.022	.018
8	.385	.365	.068	.058	.075	.065	.027	.023
10	.448	.428	.068	.058	.085	.075	.032	.028
1/4	.575	.550	.083	.073	.105	.095	.042	.038
5/16	.755	.725	.099	.089	.125	.115	.047	.043
3/8	.880	.850	.114	.104	.135	.125	.052	.048
1/2	1.005	.957	.146	.136	.156	.145	.062	.058

\*Length Tolerance: Under 1" (+.000/-.03") 1 to 2" (+.000/-.062") Over 2" (+.000/-.093").

#### Specification Requirements:

- Dimensions: See Table Above.
- Material: C1008 or 1010 welding quality carbon steel.
- Thread Requirements: ASME B1.1 Class 2A. Studs with nominal lengths of 2" or less should have threads extend to within one thread of the top of the weld projections. Studs over 2 inches should have minimum thread length of 1.75"
- Finish: Light Protective Oil

**RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE LAST PAGE**

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Revision Level Changes to this Document

Document Name	Revision Level	Revision Date	Rationale for Revision
WELDSCR.BP.P	03	1/14/2019	Revised specification requirements.

The rationale above may not include all of the changes within each revision. A complete review of the Fastenal Product Standard is required.