

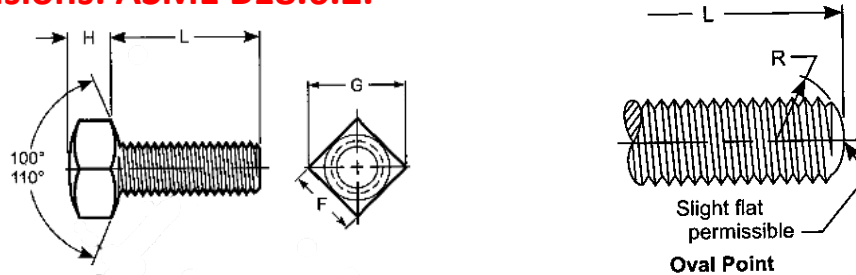


PRODUCT DATA SHEET

USA/CA: brightonBEST.com Europe: brightonBEST.org AU: brightonBEST.com.au NZ: brightonBEST.co.nz Brazil: brightonBEST.com.br

Square Head Set Screws Oval Point - Inch Series

1.0 Dimensions: ASME B18.6.2.



Nominal Size or Basic Product Diameter	F		G		H		R
	Width Across Flats		Width Across Corners		Head Height		Oval Point Radius
	Max	Min	Max	Min	Max	Min	+0.031 -0.000
1/4	0.250	0.241	0.354	0.331	0.196	0.178	0.188
5/16	0.312	0.302	0.442	0.415	0.245	0.224	0.234
3/8	0.375	0.362	0.530	0.497	0.293	0.270	0.281
7/16	0.438	0.423	0.619	0.581	0.341	0.315	0.328
1/2	0.500	0.484	0.707	0.665	0.389	0.361	0.375
9/16	0.562	0.545	0.795	0.748	0.437	0.407	0.422
5/8	0.625	0.606	0.884	0.833	0.485	0.452	0.469
3/4	0.750	0.729	1.060	1.001	0.582	0.544	0.562

Notes : Thread Class of Fit : 2A.

2.0 Mechanical Properties: As Per ASME B18.2.6.

Steel Case Hardened

Case Hardness: 83HR 15N minimum.

Case Depth 1/4 " to 3/4 " Diameter : 0.006" minimum.

Set screws are subjected to compressive stress in applications. Hardness is the only requisite mechanical property to be met by the square head set screws.

The set screws will not have any marking.

Surface Finish: Plain