

## Stainless Steel Receiver Bushings

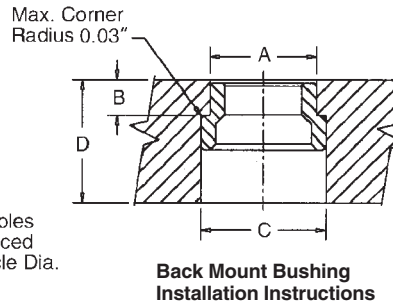
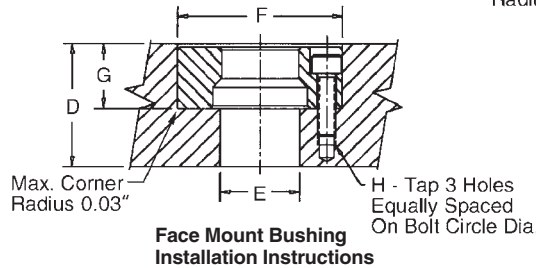

**Face Mount**

**Back Mount**

Two styles of receiver bushings are available. Generally, the face mount receiver bushing is utilized in blind hole applications (Slip Fit). The back mount receiver bushing is used in through hole applications (Light Press Fit).

Note: Installed bushings should be approximately .012" below subplate surface.

**See reference below for installation of back mount style bushings.**



### Installation Dimensions

#### Face Mount

Shank Dia. (mm)	Face Mount Part Number	Actual O.D. +0.0000 -0.0004	Clearance Drill Diameter E	Bore +0.0005 -0.0000 F	Depth +0.002 -0.000 G	Tap Size & Depth <sup>1</sup> H	Bolt Circle Diameter 3 PL Equally Space	Min. Subplate Thickness D
13	49506SS	1.3750	11/16	1.3750	0.469	8-32x5/16	0.984	3/4
16	49507SS	1.4370	13/16	1.4370	0.469	8-32x5/16	1.125	3/4
20	49501SS	1.6873	13/16	1.6873	0.637	10-32x3/8	1.362	1
25	49502SS	2.0623	1	2.0623	0.799	1/4-28x1/2	1.644	1-1/4
30	49503SS	2.2654	1 3/16	2.2654	0.871	1/4-28x3/4	1.876	1-3/8
35	49504SS	2.6873	1 9/16	2.6873	0.904	5/16-24x7/8	2.178	1-1/2
50	49505SS	3.4998	2 5/32	3.4998	1.239	3/8-24x1	2.916	2

<sup>1</sup>Cap Screws Supplied with Face Mount Bushings.

#### Back Mount

Shank Dia. (mm)	Back Mount Part Number	Actual O.D. +0.0000 -0.0004 A	Depth +0.000 -0.002 B	C-Bore ±0.006 C	Min. Subplate Thickness D
13	49516SS	0.7870	.277	1.000	3/4
16	49517SS	0.8760	.285	1.155	3/4
20	49511SS	1.0950	.345	1.280	7/8
25	49512SS	1.3763	.416	1.593	1
30	49513SS	1.6264	.432	1.906	1-1/4
35	49514SS	1.8764	.493	2.155	1-5/16
50	49515SS	2.6269	.621	2.988	1-3/4

## Stainless Steel Liner Bushings for Fixture Plates



Locating repeatability will determine if one primary and one secondary or two primary liners are needed. With two primary liners, repeatability of ±0.0005" can be maintained if the two holes for receiver bushings are held to a centerline distance of ±0.0002" tolerance.

#### Note on Installation of Press Fit Liners & Back Mount Style Receiver Bushings:

To alleviate the possibility of binding the shank in the bore, the maximum interference fit between bore and bushing O.D. should not exceed .0005".

### Liner Dimensions

Fixture Plate Thickness ±0.005	Shank Diameter (mm)	Primary Liner Part Number	Secondary Liner Part Number	Liner O.D. +0.0000 -0.0004	Fixture Plate Thickness ±0.005	Shank Diameter (mm)	Primary Liner Part Number	Secondary Liner Part Number	Liner O.D. +0.0000 -0.0004
.50	13	49705SS	49805SS	0.7518	1.00	30	49722SS	49822SS	1.7523
.75	13	49706SS	49806SS	0.7518	.75	35	49731SS	49831SS	1.7523
.50	16	49707SS	49807SS	1.0018	1.00	35	49732SS	49832SS	1.7523
.75	16	49708SS	49808SS	1.0018	1.50	35	49733SS	49833SS	1.7523
.75	20	49701SS	49801SS	1.3772	2.00	35	49734SS	49834SS	1.7523
1.00	20	49702SS	49802SS	1.3772	.75	50	49741SS	49841SS	2.5025
.75	25	49711SS	49811SS	1.3772	1.00	50	49742SS	49842SS	2.5025
1.00	25	49712SS	49812SS	1.3772	1.50	50	49743SS	49843SS	2.5025
.75	30	49721SS	49821SS	1.7523	2.00	50	49744SS	49844SS	2.5025