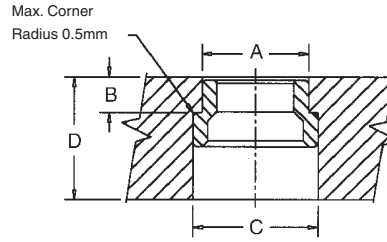
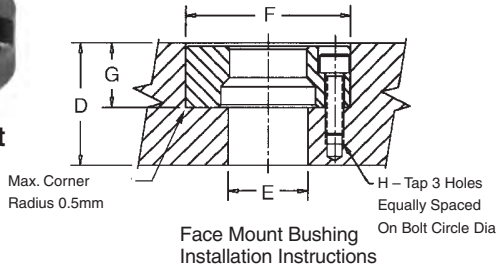


Receiver Bushings

Two styles of receiver bushings are available. Installed bushings should be approximately 0.3mm below subplate surface.



Face Mount



Back Mount

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).

Installation Dimensions

Face Mount

Shank Dia. (mm)	Face Mount Part Number	Actual O.D. -0.01 -0.02	Clearance Drill Diameter E	Bore +0.010 +0.003 F	Depth +0.025 -0.025 G	Tap Size & Depth ¹ H	Bolt Circle Diameter 3 PL Equally Spaced	Min. Subplate Thickness D
13	49556	35	13.5	35	11.91	M4x0.7 x 7	25	20
16	49557	37	21.0	37	11.91	M4x0.7 x 7	29	20
20	49551	45	21.0	45	16.21	M5x0.8 x 9	35	25
25	49552	55	25.5	55	20.32	M6x1.0 x 10	42	30
30	49553	60	30.5	60	22.15	M6x1.0 x 11	48	35
35	49554	70	40.0	70	22.99	M8x1.25 x 17	56	40
50	49555	92	55.0	92	31.50	M10x1.5 x 18	75	50

Back Mount

Shank Dia. (mm)	Back Mount Part Number	Actual O.D. +0.04 +0.03 A	Depth +0.025 -0.025 B	C-Bore ±0.15 C	Min. Subplate Thickness D
13	49566	20	6.92	26	20
16	49567	22	7.24	29	20
20	49561	28	8.74	33	25
25	49562	35	10.54	41	25
30	49563	42	10.95	49	30
35	49564	48	12.50	55	35
50	49565	67	15.75	76	45

¹Cap Screws Supplied with Face Mount Bushings.

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 ±0.013 mm can be maintained if the two holes for receiver bushings are held to a centerline distance of ±0.005 mm 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 0.013 mm.

Shank Diameter (mm)	Fixture Plate Thickness +0.13 -0.13	Primary Liner		Secondary Liner		Liner O.D. +0.00 -0.01
		Part Number	I.D.	Part Number	I.D.	
13	13	49755	13.01	49855	13.04	19.040
—	20	49756	—	49856	—	19.040
16	20	49757	16.01	49857	16.04	25.042
—	25	49758	—	49858	—	25.042
20	20	49751	20.01	49851	20.04	35.042
—	25	49752	—	49852	—	35.042
25	20	49761	25.01	49861	25.04	35.042
—	25	49762	—	49862	—	35.042
30	20	49771	30.01	49871	30.04	45.042
—	25	49772	—	49872	—	45.042
35	20	49781	35.01	49881	35.04	45.042
—	25	49782	—	49882	—	45.042
—	40	49783	—	49883	—	45.042
—	50	49784	—	49884	—	45.042
50	20	49791	50.01	49891	50.04	63.546
—	25	49792	—	49892	—	63.546
—	40	49793	—	49893	—	63.546
—	50	49794	—	49894	—	63.546