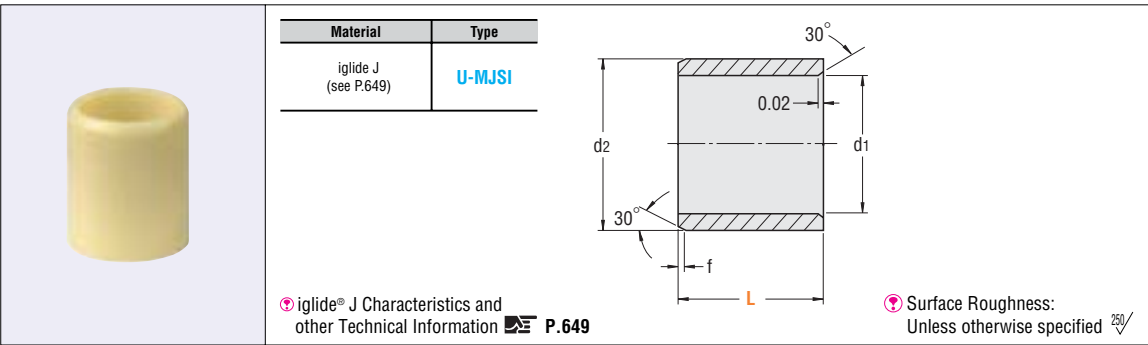


igus® iglide® J –Linear Plain Bearings–

The iglide® J linear plain bearings are made from High-Performance Polymers. These thermoplastics are produced with lubricants, fillers and technical fibers to provide excellent mechanical properties and are maintenance-free. Choose this bearing when very low coefficients of friction are necessary, when a cost effective bearing for low pressure loads is needed, and for high wear resistance. Do not use when high pressure loads occur or when temperatures are greater than 248°F for a short term. Operating temperatures (-58°F to 194°F).



Material	Type
iglide J (see P.649)	U-MJSI

iglide® J Characteristics and other Technical Information **P. 649**

Surface Roughness: Unless otherwise specified

Type	Callout	Part No.			L Selection (Callout)								\$ Unit Price			
		Nominal	I.D. after Pressfit	Dia.	1/4	5/16	3/8	1/2	5/8	3/4	1"	1-1/2		Qty. 1-29		
U-MJSI	0204	1/8	0.1280	0.1262	1/4	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	1.20
	0305	3/16	0.1905	0.1887	5/16	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	1.20
	0406	1/4	0.2539	0.2516	3/8	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	1.40
	0608	3/8	0.3789	0.3765	1/2	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	1.50
	0810	1/2	0.5047	0.5020	5/8	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	1.90
	1012	5/8	0.6297	0.6270	3/4	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	2.30
	1216	3/4	0.7559	0.7525	1"	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	4.50
	1620	1"	1.0059	1.0025	1-1/4	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	6.00
	2428	1-1/2	1.5100	1.5032	1-3/4	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	6.00

Order Example: The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No.

Type Callout L

Technical Information

Callout	f	Housing Bore Tolerance		Shaft Size Tolerance	
		Actual	Tolerance	Actual	Tolerance
0204	0.019	0.2515	0.2510	0.1250	0.1241
0305	0.019	0.3140	0.3135	0.1875	0.1866
0406	0.019	0.3765	0.3760	0.2500	0.2491
0608	0.019	0.5019	0.5010	0.3750	0.3741
0810	0.031	0.6260	0.6250	0.5000	0.4990
1012	0.031	0.7510	0.7500	0.6250	0.6240
1216	0.031	1.0010	1.0000	0.7500	0.7490
1620	0.031	1.2510	1.2500	1.0000	0.9990
2428	0.047	1.7505	1.7495	1.5000	1.4990

Callout	Actual	L Tolerance	
		Actual	Tolerance
04	0.250	+0.0000	-0.0087
05	0.313	+0.0000	-0.0087
06	0.375	+0.0000	-0.0087
08	0.500	+0.0000	-0.0106
10	0.625	+0.0000	-0.0106
12	0.750	+0.0000	-0.0130
16	1.000	+0.0000	-0.0130
24	1.500	+0.0000	-0.0154

Days to Ship: **1** Day

Quantity	Quantity Discount Rate			
	1-29	30-49	50-199	200-
Rate	—	2%	3%	5%

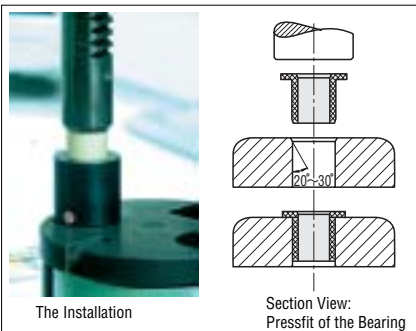
For larger quantity orders "Days to Ship" may differ from published catalog term. P. 29

INSTALLATION INSTRUCTIONS:

Please adhere to the Housing Bore/Shaft Size specifications noted in table above. Iglide® J plain bearings are designed to be oversized before being pressfit.

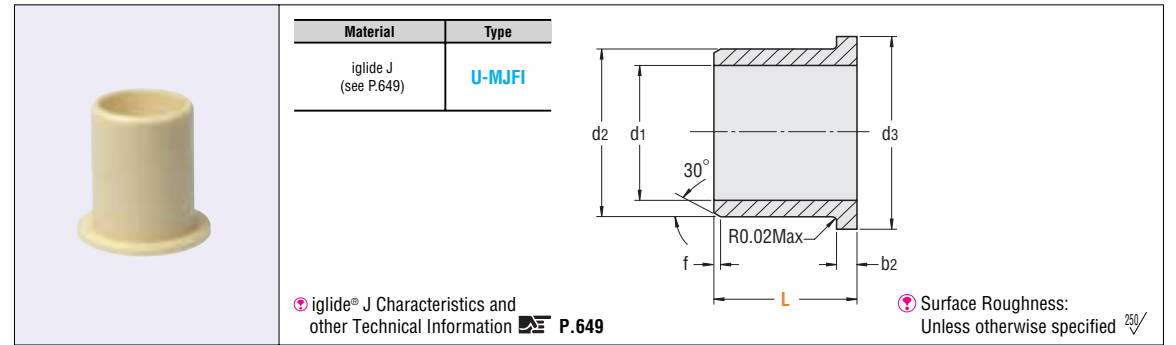
The bore in the housing should be finished in the recommended tolerance for all bearings and be smooth, flat, and chamfered when possible.

The installation should be done using arbor press. Avoid using centering or calibrating pins that can cause damage to the bearing and create a larger amount of clearance.



igus® iglide® J –Linear Plain Bearings with Flange–

The iglide® J linear plain bearings are made from High-Performance Polymers. These thermoplastics are produced with lubricants, fillers and technical fibers to provide excellent mechanical properties and are maintenance-free. Choose this bearing when very low coefficients of friction are necessary, when a cost effective bearing for low pressure loads is needed, and for high wear resistance. Do not use when high pressure loads occur or when temperatures are greater than 248°F for a short term. Operating temperatures (-58°F to 194°F).



Material	Type
iglide J (see P.649)	U-MJFI

iglide® J Characteristics and other Technical Information **P. 649**

Surface Roughness: Unless otherwise specified

Type	Callout	Part No.			d3	b2	L Selection (Callout)								\$ Unit Price			
		Nominal	I.D. after Pressfit	Dia.			1/4	3/8	1/2	5/8	3/4	1"	1-1/2	Qty. 1-29				
U-MJFI	0204	1/8	0.1280	0.1262	1/4	0.250	0.360	0.047	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	1.20
	0305	3/16	0.1905	0.1887	5/16	0.313	0.370	0.047	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	1.20
	0406	1/4	0.2539	0.2516	3/8	0.375	0.560	0.047	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	1.40
	0608	3/8	0.3789	0.3765	1/2	0.500	0.625	0.062	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	1.70
	0810	1/2	0.5047	0.5020	5/8	0.625	0.875	0.062	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	2.20
	1012	5/8	0.6297	0.6270	3/4	0.750	1.000	0.062	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	2.90
	1216	3/4	0.7559	0.7525	1"	1.000	1.250	0.156	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	5.10
	1620	1"	1.0059	1.0025	1-1/4	1.250	1.500	0.188	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	5.90
	2428	1-1/2	1.5100	1.5032	1-3/4	1.750	2.000	0.125	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	8.30

Order Example: The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No.

Type Callout L

Technical Information

Callout	f	Housing Bore Tolerance		Shaft Size Tolerance	
		Actual	Tolerance	Actual	Tolerance
0204	0.019	0.2515	0.2510	0.1250	0.1241
0305	0.019	0.3140	0.3135	0.1875	0.1866
0406	0.019	0.3765	0.3760	0.2500	0.2491
0608	0.019	0.5015	0.5010	0.3750	0.3741
0810	0.031	0.6260	0.6250	0.5000	0.4990
1012	0.031	0.7510	0.7500	0.6250	0.6240
1216	0.031	1.0010	1.0000	0.7500	0.7490
1620	0.031	1.2510	1.2500	1.0000	0.9990
2428	0.047	1.7505	1.7495	1.5000	1.4990

Callout	Actual	L Tolerance	
		Actual	Tolerance
04	0.250	+0.0000	-0.0087
06	0.375	+0.0000	-0.0087
08	0.500	+0.0000	-0.0106
10	0.625	+0.0000	-0.0106
12	0.750	+0.0000	-0.0130
16	1.000	+0.0000	-0.0130
24	1.500	+0.0000	-0.0154

Days to Ship: **1** Day

Quantity	Quantity Discount Rate			
	1-29	30-49	50-199	200-
Rate	—	2%	3%	5%

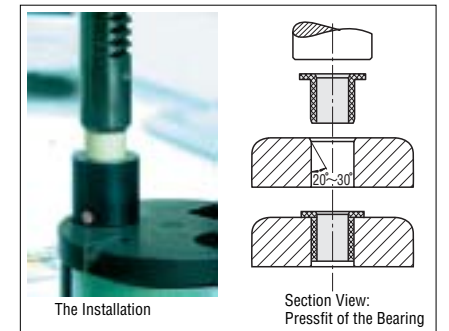
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INSTALLATION INSTRUCTIONS:

Please adhere to the Housing Bore/Shaft Size specifications noted in table above. Iglide® J plain bearings are designed to be oversized before being pressfit.

The bore in the housing should be finished in the recommended tolerance for all bearings and be smooth, flat, and chamfered when possible.

The installation should be done using arbor press. Avoid using centering or calibrating pins that can cause damage to the bearing and create a larger amount of clearance.



Express Options
P.30

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