

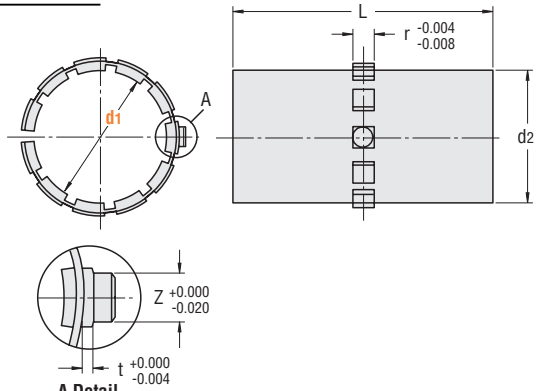


DryLin® Liners


 DryLin® Liners are self-lubricating maintenance-free bearings that offer superb wear and chemical resistance as well as low coefficients of friction. They are designed to work with all MISUMI linear shafting including chrome plated shafts.

Material	Type
DryLin® R (see P.649)	U-MJUI

ⓘ For linear motion only.

Type	Part No.			d2	L	r	t	Z	\$ Unit Price
	Callout	Nominal	Tolerance						
U-MJUI	06	3/8	0.3766 0.3774	0.4684	0.846	0.1250	0.0311	0.0866	1.50
	08	1/2	0.5016 0.5024	0.5934	1.220	0.1250	0.0391	0.1024	1.60
	10	5/8	0.6266 0.6274	0.7184	1.460	0.1406	0.0391	0.1181	1.80
	12	3/4	0.7516 0.7524	0.8747	1.545	0.1875	0.0391	0.1339	2.50
	16	1"	1.0016 1.0024	1.1247	2.205	0.1875	0.0391	0.1496	3.30
	24	1-1/2"	1.5020 1.5032	1.6558	2.953	0.2500	0.0625	0.1811	7.40

 **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 **d1**
 U-MJUI **12**

 Days to Ship **1** Day

 Price

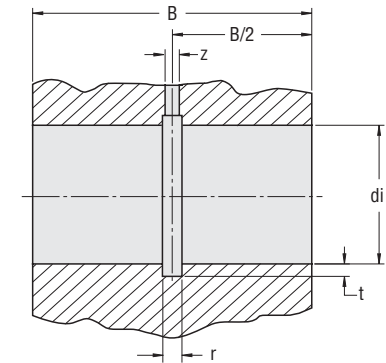
Quantity Discount Rate				
Quantity	1-29	30-49	50-199	200-
Rate	—	2%	3%	5%

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

Technical Information

Housing Bore for Liner U-MJUI

Callout	d1	di (H7)		B		r	t	Z
		Nominal	Tolerance	Nominal	Tolerance			
06	3/8	0.4690	0.4684	1.140	1.137	0.1250	0.0311	0.094
08	1/2	0.5940	0.5934	1.260	1.256	0.1250	0.0391	0.109
10	5/8	0.7190	0.7184	1.420	1.416	0.1406	0.0391	0.125
12	3/4	0.8755	0.8747	1.770	1.766	0.1875	0.0391	0.141
16	1"	1.1255	1.1247	2.280	2.276	0.1875	0.0391	0.156
24	1-1/2"	1.6568	1.6558	3.150	3.146	0.2500	0.0625	0.188



Properties

- very low coefficients of friction while running dry
- very high wear resistance
- maintenance-free
- vibration dampening
- very low moisture absorption
- high chemical resistance
- suitable for rotating, oscillating and linear motion

Dirt, Dust, Fibers

An important distinction among all the linear plain bearings is their compatibility with dirt. For most systems, the use of wiper or seals is recommended to prevent dirt accumulation. No other system has the design benefits for use in dust, lint, and coarse dirt as DryLin®. The patented design of the bearing surface using individual slide pads connected by thin film sections, provides performance benefits for dirty environments. Dirt, even if it becomes wet on the shaft, is wiped away by the individual glide pads and is moved into the contact-free areas. The glide sections of the DryLin® bearings then slide on the shaft that has been cleared of all contaminants.



DryLin® R provides reliability in applications also under the action of dust and coarse dirt



DryLin® R linear bearings in a safety door



DryLin® R bearings in a retrieval robot with speeds up to 1574 fpm

