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Pyrex® Bell Jars

Open Ended Cylindrical & Domed End Bell Jars

- Made from Pyrex to withstand thermal shock and chemical attack
- Bottom of bell jar is ground flat to accept an L-gasket for sealing to our baseplates, feedthrough collars, or service wells
- Inexpensive and transparent
- Features good high-vacuum properties
- Pyrex cylinders in various diameters and lengths



O.D.	O.D. Tolerance	Nominal Height	Height Tolerance	Wall Thickness	Flatness	Part No.	Price
Pyrex Bell Jar							
10.25"	1/8"	12"	1/8"	4.8mm-10mm	.007"	BJ10X12	Call
10.25"	1/8"	18"	1/8"	4.8mm-10mm	.007"	BJ10X18	Call
12.5"	1/8"	12"	1/8"	4.8mm-10mm	.007"	BJ12X12	Call
12.5"	1/8"	18"	1/8"	4.8mm-10mm	.007"	BJ12X18	Call
14.25"	1/8"	12"	1/8"	4.8mm-11mm	.007"	BJ14X12	Call
14.25"	1/8"	18"	1/8"	4.8mm-11mm	.007"	BJ14X18	Call
14.25"	1/8"	21"	1/8"	4.8mm-11mm	.007"	BJ14X21	Call
15.375"	1/8"	18"	1/8"	4.8mm-11mm	.010"	BJ15X18	Call
15.375"	1/8"	24"	1/8"	4.8mm-11mm	.010"	BJ15X24	Call
15.375"	1/8"	30"	1/8"	4.8mm-11mm	.010"	BJ15X30	Call
18"	1/8"	12"	1/4"	4.8mm-11mm	.010"	BJ18X12	Call
18"	1/8"	18"	1/4"	4.8mm-11mm	.010"	BJ18X18	Call
18"	1/8"	24"	1/4"	4.8mm-11mm	.010"	BJ18X24	Call
18"	1/8"	30"	1/4"	4.8mm-11mm	.010"	BJ18X30	Call
12"	1/8"	12"	1/8"	4.8mm-10mm	.007"	BJ12X12EURO	Call
12"	1/8"	18"	1/8"	4.8mm-10mm	.007"	BJ12X18EURO	Call
Pryex Cylinder Open Ended							
12.5"	1/8"	12"	1/8"	4.8mm-11mm	.007"	CY12X12	Call
12.5"	1/8"	18"	1/8"	4.8mm-11mm	.007"	CY12X18	Call
12.5"	1/8"	24"	1/8"	4.8mm-11mm	.007"	CY12X24	Call
18"	1/8"	12"	1/4"	4.8mm-11mm	.010"	CY18X12	Call
18"	1/8"	18"	1/4"	4.8mm-11mm	.010"	CY18X18	Call
18"	1/8"	21"	1/4"	4.8mm-11mm	.010"	CY18X21	Call

NOTE: Although carefully controlled during manufacture to ensure a minimum wall of 3/16" and checked under vacuum, glass chambers are individually blown into molds. No two are exactly alike.



NOTE: For our standard chambers please refer to www.lesker.com for downloadable Adobe PDF 2D Dimensional Drawings, Engineering Files in DXF (2D), STP (3D) formats, and interactive 3D models which enable users to rotate, zoom, and much more.

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Pyrex Open Ended Cylindrical & Domed Bell Jar Guards

Pyrex Bell Jar Guards

- Carbon steel and painted

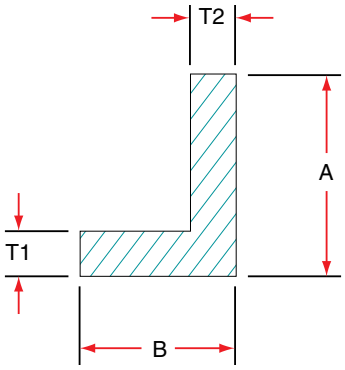


Compatible Chamber	Required Hoist Bracket	Part No.	Price
BJ10X12	HSTLD-12GBKT	BG10X12	Call
BJ10X18	HSTLD-18GBKT	BG10X18	Call
BJ12X12	HSTLD-12GBKT	BG12X12	Call
BJ12X18	HSTLD-18GBKT	BG12X18	Call
BJ14X12	HSTLD-12GBKT	BG14X12	Call
BJ14X18	HSTLD-18GBKT	BG14X18	Call
BJ14X21	HSTLD-21GBKT	BG14X21	Call
BJ15X18	HSTLD-18GBKT	BG15X18	Call
BJ15X24	HSTLD-24GBKT	BG15X24	Call
BJ15X30	HSTLD-30GBKT	BG15X30	Call
BJ18X12	HSTLD-12GBKT	BG18X12	Call
BJ18X18	HSTLD-18GBKT	BG18X18	Call
BJ18X24	HSTLD-24GBKT	BG18X24	Call
BJ18X30	HSTLD-30GBKT	BG18X30	Call
BJ12X12EURO	HSTLD-12GBKT	BG12X12EURO	Call
BJ12X18EURO	HSTLD-18GBKT	BG12X18EURO	Call
CY12X12	HSTLD-12GBKT	CG12X12	Call
CY12X18	HSTLD-18GBKT	CG12X18	Call
CY12X24	HSTLD-24GBKT	CG12X24	Call
CY18X12	HSTLD-12GBKT	CG18X12	Call
CY18X18	HSTLD-18GBKT	CG18X18	Call
CY18X21	HSTLD-21GBKT	CG18X21	Call



NOTE: For our standard chambers please refer to www.lesker.com for downloadable Adobe PDF 2D Dimensional Drawings, Engineering Files in DXF (2D), STP (3D) formats, and interactive 3D models which enable users to rotate, zoom, and much more.

Pyrex Bell Jar L-Gaskets



Designed to fit over the outer surface of the pyrex chamber.

Bell Jar Gaskets: Bell jar and cylinder gaskets have an "L" cross-section. The bell jar sits inside the riser of the "L" and is sealed by atmospheric pressure pushing it down into the horizontal surface. The lower side of the horizontal surface seals against the baseplate. To make a good seal, many users lubricate the bell jar gaskets with Apiezon® hydrocarbon grease or Dow Corning silicone grease (see Section 6 for greases).

Material	Gasket ID	A	B	T1	T2	Part No.	Price
Buna-N	3.75"	0.50"	0.375"	0.075"	0.075"	LG04B	Call
Silicone	3.75"	0.50"	0.375"	0.075"	0.075"	LG04S	Call
Viton	3.75"	0.50"	0.375"	0.075"	0.075"	LG04V	Call
Buna-N	4.75"	0.50"	0.375"	0.103"	0.075"	LG05B	Call
Silicone	4.75"	0.50"	0.375"	0.103"	0.075"	LG05S	Call
Viton	4.75"	0.50"	0.375"	0.103"	0.075"	LG05V	Call
Buna-N	5.75"	0.50"	0.375"	0.103"	0.075"	LG06B	Call
Silicone	5.75"	0.50"	0.375"	0.103"	0.075"	LG06S	Call
Viton	5.75"	0.50"	0.375"	0.103"	0.075"	LG06V	Call
Buna-N	6.75"	0.50"	0.375"	0.103"	0.075"	LG07B	Call
Silicone	6.75"	0.50"	0.375"	0.103"	0.075"	LG07S	Call
Viton	6.75"	0.50"	0.375"	0.103"	0.075"	LG07V	Call
Buna-N	7.75"	0.50"	0.375"	0.103"	0.075"	LG08B	Call
Silicone	7.75"	0.50"	0.375"	0.103"	0.075"	LG08S	Call
Viton	7.75"	0.50"	0.375"	0.103"	0.075"	LG08V	Call
Buna-N	8.75"	0.50"	0.375"	0.103"	0.075"	LG09B	Call
Silicone	8.75"	0.50"	0.375"	0.103"	0.075"	LG09S	Call
Viton	8.75"	0.50"	0.375"	0.103"	0.075"	LG09V	Call
Buna-N	9.25"	0.75"	0.50"	0.125"	0.094"	LG10B	Call
Silicone	9.25"	0.75"	0.50"	0.125"	0.094"	LG10S	Call
Viton	9.25"	0.75"	0.50"	0.125"	0.094"	LG10V	Call
Buna-N	11.50"	0.75"	0.50"	0.125"	0.094"	LG12B	Call
Silicone	11.50"	0.75"	0.50"	0.125"	0.094"	LG12S	Call
Viton	11.50"	0.75"	0.50"	0.125"	0.094"	LG12V	Call
Buna-N	13.125"	1.00"	0.50"	0.125"	0.094"	LG14B	Call
Silicone	13.125"	1.00"	0.50"	0.125"	0.094"	LG14S	Call
Viton	13.125"	1.00"	0.50"	0.125"	0.094"	LG14V	Call
Buna-N	14.50"	1.00"	0.50"	0.125"	0.094"	LG15B	Call
Silicone	14.50"	1.00"	0.50"	0.125"	0.094"	LG15S	Call
Viton	14.50"	1.00"	0.50"	0.125"	0.094"	LG15V	Call
Buna-N	17.25"	1.125"	0.625"	0.125"	0.094"	LG18B	Call
Silicone	17.25"	1.125"	0.625"	0.125"	0.094"	LG18S	Call
Viton	17.25"	1.125"	0.625"	0.125"	0.094"	LG18V	Call

NOTE: Because the pyrex chamber's rim may have imperfections, many users lubricate the gaskets with either a hydrocarbon or silicone grease.

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