

# Counterbored Rubber Bumpers

## L Selectable

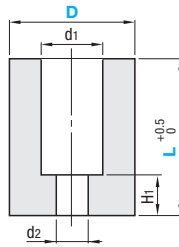
Black Oxide, Electroless Nickel Plating and SUS304 Collars are also available.



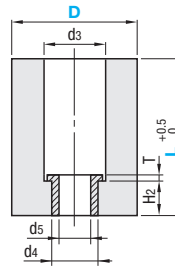
Rubber Only	With Collar			Material	Hardness	Color
	Black Oxide	Electroless Nickel Plating	SUS304			
RBZNK	RBZNK-C	RBZNK-M	RBZNK-S	Nitrile Rubber (NBR)	Shore A70	Black
RBZCK	RBZCK-C	RBZCK-M	RBZCK-S	Chloroprene Rubber (CR)	Shore A65	Black
RBZUK	RBZUK-C	RBZUK-M	RBZUK-S	Low Elasticity Rubber (HANENITE® GP-35LE)	Shore A35	Black
RBZSK	RBZSK-C	RBZSK-M	RBZSK-S	Silicon Rubber (SI)	Shore A70	Light Gray
RBZAK	RBZAK-C	RBZAK-M	RBZAK-S	Silicon Rubber (SI)	Shore A50	Milky White
RBZFK	RBZFK-C	RBZFK-M	RBZFK-S	Fluororubber (FPM)	Shore A80	Black

The milky white color of silicone rubber shore A 50 is translucent.

Rubber Only



With Collar



Hole Diameter of Applicable Screw

Screw Size	Rubber Only		With Collar			T
	d1	d2	d3	d4	d5	
M3	6	4	8	5.5	3.5	2
M4	8	5	9.5	6.5	4.5	
M5	9.5	6	11	8	5.5	
M6	11	7	13	9	6.6	
M8	14	9	15.5	11.5	9	3
M10	18	11	19	14	11	
M12	20	14	22	17	14	

D Tolerance

D	Tolerance
40 or Less	±0.5
50, 60	±0.7

d2, d4, H1, d1 and d3 Tolerance

Dimension	Tolerance		
	d2, d4	H1	d1, d3
30 or Less	±0.5	±0.5	±0.5

Part Number	L Selection	(M) Applicable Screw	Rubber Only H1	With Collar		Rubber Only				Collar Type			Unit Price		
				H2	Applicable Collar No.	RBZNK RBZCK	RBZUK	RBZSK RBZAK	RBZFK	Black Oxide RBZ_K-C	Electroless Nickel Plating RBZ_K-M	SUS304 RBZ_K-S			
<b>Rubber Only</b> RBZNK (Nitrile Rubber, Shore A70) RBZCK (Chloroprene Rubber, Shore A65) RBZUK (Low Elasticity Rubber, Shore A35) RBZSK (Silicon Rubber, Shore A70) RBZAK (Silicon Rubber, Shore A50) RBZFK (Fluororubber, Shore A80)	12	12	M3	5	-										
	15	12 15													
	20	20 25	M4	7	7	4A									
		20 25													
	25	20 25	M6	8	8	6									
		20 25													
	30	20 25 30	M8	10	8	8									
		25 30 40													
	<b>With Collar</b> Rubber Selection - Collar Spec. RBZ_K-C (Black Oxide) RBZ_K-M (Electroless Nickel Plating) RBZ_K-S (SUS304)	40	30 40	M10	12	10									
		50	30 40 50												
		50	30 40	M10	15	10	10								
			40 50												
60		30 40	M10	15	10	10									
		40 50													
60	40 50	M12	15	10	12										

D12 is not available for Collar Type. L≤30 for Low Elasticity Rubber (RBZUK) and Fluororubber (RBZFK).

For applicable collar dimensions, see Collars for Counterbored Urethane and Rubber Bumpers.



Ordering Example: Part Number - L - M  
 RBZCK25 - 20 - M6