

# Counterbored Urethane Bumpers

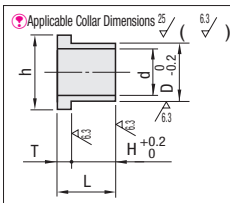
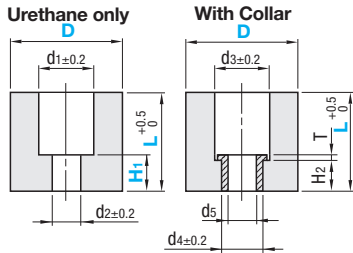
L Selectable, L Configurable



RoHS 10

Type	Urethane only	With Collar				Material	Hardness	Color
		Black Oxide	Electroless Nickel Plating	SUS304				
L Selectable	AZXS	AZXS	AZXS	AZXS	Standard Urethane (Ether Polyurethane)	Shore A95	Natural Color	
	AZXHK	AZXHC	AZXHM	AZXHS		Shore A90		
	AZXMK	AZXC	AZXMM	AZXMS		Shore A70		
	AZXL	AZCL	AZCLM	AZCLS	Standard Urethane (Ester Polyurethane)	Shore A50	Dark Brown	
	AZEXHK	AZEXHC	-	-	Abrasion Resistant Urethane	Shore A90		
	AZEXMK	AZEXMC	-	-	Shore A70			
L Configurable	AZXHHC	AZXHHC	-	-	Heat Resistant Urethane	Shore A90	Brown	
	AZXS	AZCS	AZCS-M	AZCS-S	Standard Urethane (Ether Polyurethane)	Shore A95	Natural Color	
	AZXH	AZCH	AZCH-M	AZCH-S		Shore A90		
	AZXM	AZCM	AZCM-M	AZCM-S	Standard Urethane (Ester Polyurethane)	Shore A70		
	AZXL	AZCL	AZCL-M	AZCL-S		Shore A50		

H1, H2 Tolerance		D Tolerance	
H1, H2 Tolerance	D Tolerance	D Tolerance	D Tolerance
30 or Less ±0.2	40 or Less ±0.2	50 ±0.3	60 ±0.3
31~ ±0.5		80 ±0.4	100 ±0.4



Collar No.	d	D	H	T	L	h
3	3.5	5.5	5	7	7.5	
4	4.5	6.5	5	7	8.5	
4A	4.5	6.5	7	2	9	
5	5.5	8	7	2	10	
6	6.6	9	8		10	12
8	8	11.5	8		10	14.5
8A	9	11.5	6		8	17
10	11	14	10	3	13	20
12	14	17	10	3	13	20
16	18	22	15	4	19	26

Screw Size	Hole Diameter of Applicable Screw					
	Urethane only			With Collar		
	d1	d2	d3	d4	d5	T
M3	6	4	8	5.5	3.5	
M4	8	5	9.5	6.5	4.5	
M5	9.5	6	11	8	5.5	2
M6	11	7	13	9	6.6	
M8	14	9	15.5	11.5	9	
M10	18	11	19	14	11	
M12	20	14	22	17	14	3
M16	26	18	28	22	18	4

Collars can be ordered separately. See P404

## L Selectable

Part Number		Selection		M	Urethane only H1	With Collar H2	Collar No.	Unit Price					
Type	D	L						No Collar		With Collar		Electroless Nickel Plating	SUS304
					Urethane only	Black Oxide		Standard Urethane	Abrasion Resistant	Heat Resistant	Standard Urethane		
					AZXL	AZXC	AZCL	AZXL	AZXC	AZCL	AZXL	AZXC	
No Collar	12	12		M3									
With Collar	12	15		M3									
With Collar	15	20		M4									
With Collar	20	25		M5									
Urethane only	20	25		M6									
Black Oxide	25	25		M8									
Electroless Nickel Plating	25	25		M6									
SUS304	30	25 30		M8									
AZXS	30	40		M10									
AZXHK	40	40		M12									
AZXHC	40	50		M10									
AZXHM	50	40 50		M12									
AZXHS	60	40 50		M10									
AZXMM	50	40 50		M12									
AZXC	60	40 50		M10									
AZXM	80	40 50		M12									
AZCL	100	40 50		M10									
AZCL-M				M12									
AZCL-S													

## L Configurable

Part Number		L (1mm Increment)		M Selection	H1 1mm Increment	H2 Selectable
Type	D	Urethane only	With Collar			
No Collar	15			M3 M4	5≤H1<L	5(M3)7(M4)
With Collar	20			M4 M5		7(M4 M5)
With Collar	25			M6 M8		8(M6 M8)
Urethane only	30	15-80	25-80	M10 M12		10(M10 M12)
Black Oxide	40			M12 M16		10(M12) 15(M16)
Electroless Nickel Plating	50	25-150	30-150			
SUS304	60					
AZXS	80	25-200	40-200			
AZXC	100					

D	Urethane only						With Collar					
	Min. L - 40	L41-60	L61-80	L81-100	L101-150	L151-200	Min. L - 40	L41-60	L61-80	L81-100	L101-150	L151-200
15												
20												
25												
30												
40												
50												
60												
80												
100												

Ordering Example: Part Number - L - M - H1  
 AZXMC25 - 20 - M6  
 AZXL50 - 96 - M10 - 20  
 AZCM40 - 70 - M10