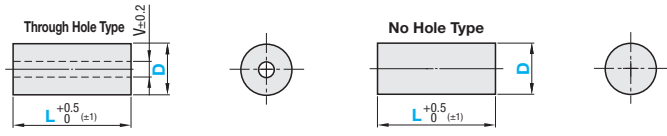


Urethane Bumpers - L Selectable / Configurable

Standard, Abrasion Resistant, Heat Resistant, Extra Low Hardness



Type	Through Hole Type	No Hole Type	Material	Hardness	Photo No., Color
L Selectable	AXNSK	CXSK	Standard Urethane	Shore A95	① Natural Color
	AXNHK	CXHK	(Ether Polyurethane)	Shore A90	
	AXNMK	CXMK	Standard Urethane	Shore A70	
	AXNLK	CXLK	(Ether Polyurethane)	Shore A50	
	AEXHK	CXEHK	Abrasion Resistant Urethane	Shore A90	
	AEXMK	CXEMK	(Ether Polyurethane)	Shore A70	
L Configurable	AXHHK	CXHHK	Heat Resistant Urethane	Shore A90	③ Brown
	AXNS	CXS	Standard Urethane	Shore A95	① Natural Color
	AXNH	CXH	(Ether Polyurethane)	Shore A90	
	AXNM	CXM	Standard Urethane	Shore A70	
	AXNL	CXL	(Ether Polyurethane)	Shore A50	
	SAXN	SCXN	Extra Low Hardness Urethane - High Impact Resilience	Shore A15	
(Ether Polyurethane)					



D Tolerance		
Material	D	Tolerance
Standard, Abrasion Resistant, Heat Resistant Urethane	8~40	±0.2
Extra Low Hardness Urethane	50, 60	±0.3
	15~30	±0.5

Edges of Extra Low Hardness Urethane may remain white after cutting.
For Extra Low Hardness Urethane, V dimension tolerance ±0.2 is not applicable, and L dimension tolerance is ±1.

The tolerances are verified at 23°C±2 and 40 ~ 80% humidity.

L Selectable, Standard Urethane

Part Number	Type	D	L Selection										V	Unit Price									
			L10	L15	L20	L25	L30	L35	L40	L45	L50	L100		L200	L500								
Through Hole Type																							
<D Dimension 15 ~ 60>																							
AXNSK (Shore A95)																							
AXNHK (Shore A90)																							
AXNMK (Shore A70)																							
AXNLK (Shore A50)																							
No Hole Type																							
<D Dimension 8 ~ 60>																							
CXSK (Shore A95)																							
CXHK (Shore A90)																							
CXMK (Shore A70)																							
CXLK (Shore A50)																							

D=8 or 10 is applicable to No Hole Type only.

L Selectable, Abrasion Resistant / Heat Resistant Urethane

The price of Abrasion Resistant Urethane Type and Heat Resistant Urethane product can be calculated by Unit Price x Material Multiplier shown in the table.

Part Number	Type	D	L Selection										V	Unit Price									
			L10	L15	L20	L25	L30	L35	L40	L45	L50	L100		L200	L500								
Through Hole Type																							
<D Dimension 15 ~ 60>																							
AEXHK (Shore A90) (x1.0)																							
AEXMK (Shore A70) (x1.0)																							
AXHHK (Shore A90) (x1.2)																							
No Hole Type																							
<D Dimension 8 ~ 60>																							
CXEHK (Shore A90) (x1.0)																							
CXEMK (Shore A70) (x1.0)																							
CXHHK (Shore A90) (x1.2)																							

D=8 or 10 is applicable to No Hole Type only.

L Selectable, Standard / Extra Low Hardness Urethane

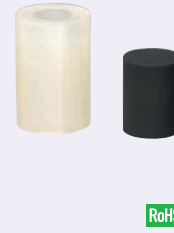
Part Number	Type	D	Standard Urethane 1mm Increment	V	Unit Price														
					Standard Urethane					Extra Low Hardness Urethane									
					L10	L15	L20	L25	L30	L35	L40	L45	L50	L100	L200	L500			
Through Hole Type																			
<D Dimension 15 ~ 60>																			
AXNS (Shore A95)																			
AXNH (Shore A90)																			
AXNM (Shore A70)																			
AXNL (Shore A50)																			
SAXN (Shore A15)																			
No Hole Type																			
<D Dimension 8 ~ 60>																			
CXNS (Shore A95)																			
CXNH (Shore A90)																			
CXNM (Shore A70)																			
CXNL (Shore A50)																			
SCXN (Shore A15)																			

D=8 or 10 is applicable to No Hole Type only. Only D=15, 20, 25 and 30 are available for SAXN and SCXN.

Ordering Example: Part Number - L
AXNLK15 - 30
CXM15 - 125

Rubber Bumpers, Sponge Bumpers

Rubber Bumpers

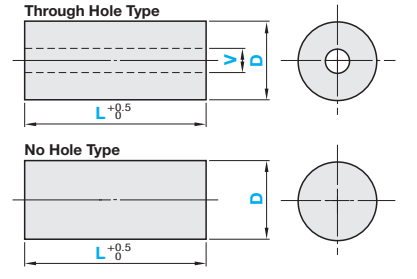


Through Hole Type	No Hole Type	Material	Hardness	Color
RBXN	RBCXN	Nitrile Rubber (NBR)	Shore A70	Black
RBXC	RBCXC	Chloroprene Rubber (CR)	Shore A65	Black
RBXU	RBCXU	Low Elasticity Rubber (HANENITE® GP-35LS)	Shore A35	Black
RBXS	RBCXS	Silicon Rubber (SI)	Shore A70	Light Gray
RBXA	RBCXA	Silicon Rubber (SI)	Shore A50	Milky White
RBXF	RBCXF	Fluororubber (FPM)	Shore A80	Black

HANENITE® is a registered trademark of Naigal Rubber Industry Co., Ltd.
The milky white color of silicon rubber shore A 50 is translucent.

D Tolerance		V Tolerance		Thickness Condition	
D	Tolerance	V	Tolerance	L	V
6~40	±0.5	30 or Less	±0.5	L≤30	V≤D-6
41~60	±0.6	31~50	±0.7	L>30	V≤D-10

The tolerances are verified at 23°C±2 and 40 ~ 80% humidity.



Part Number	Through Hole Type	No Hole Type	1mm Increment			Unit Price																
			D	L	V (Through Hole Type)	RBXN, RBCXN, RBXC, RBCXC	RBXU, RBCXU	RBXS, RBCXS, RBXA, RBCXA	RBXF, RBCXF													
Through Hole Type																						
No Hole Type																						

The thickness of Through Hole Type (D-V)/2 is restricted by L. Refer to the table (Thickness Condition) in the drawing. When V=2, L≤30.
L≤30 for RBXU, RBCXU, RBXS, RBCXS, RBXA, RBXF, RBCXF

Ordering Example: Part Number - D - L - V
RBXS - D28 - L30 - V12

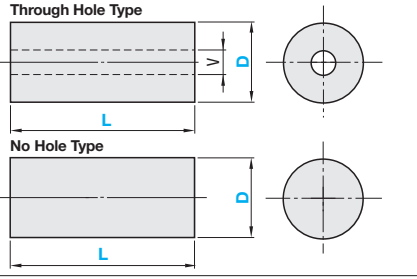
Sponge Bumpers



Type	Through Hole Type	No Hole Type	Material
L Selectable	ASGC	CXGC	Chloroprene Rubber Sponge
	ASGP	CXGP	EPDM Sponge
	ASGA	CXGA	Silicon Rubber Sponge
L Configurable	FASGC	FCXGC	Chloroprene Rubber Sponge
	FASGP	FCXGP	EPDM Sponge
	FASGA	FCXGA	Silicon Rubber Sponge

D Tolerance		V Tolerance		L Tolerance	
D	Tolerance	V	Tolerance	L	Tolerance
8~15	±1.1	7, 8.5	±0.8	10~250	±2.0
20, 25	±1.9	10, 13	±1.0	500	±3.0
30, 40	±3.2	16	±1.1		
50	±4.0				

Some may not be in perfect circle.



L Selectable

Part Number	Type	D	L Selection										V	Unit Price									
			L10	L15	L20	L25	L30	L35	L40	L45	L50	L100		L200	L500								
Through Hole Type																							
ASGC (Chloroprene)																							
ASGP (EPDM)																							
ASGA (Silicon)																							
No Hole Type																							
CXGC (Chloroprene)																							
CXGP (EPDM)																							
Through Hole Type																							
ASGA (Silicon)																							
No Hole Type																							
CXGA (Silicon)																							

D=8 or 10 is applicable to No Hole Type only.

L Configurable

Part Number	Type	D	L 1mm Increment	V	Unit Price									
					L10-20	L21-40	L41-60	L61-80	L81-100	L101-150	L151-200			
Through Hole Type														
FASGC (Chloroprene)														
FASGP (EPDM)														
No Hole Type														
FCXGC (Chloroprene)														
FCXGP (EPDM)														
Through Hole Type														
FASGA (Silicon)														
No Hole Type														
FCXGA (Silicon)														

D=8 or 10 is applicable to No Hole Type only.

Ordering Example: Part Number - L
CXGC10 - 40
FASGP30 - 185