

Urethane Bumpers

Counterbore Type

L Selectable/L Configurable

Code	Type	Material	Hardness	Color
NBE01	Counterbore Type	L Selectable	Urethane	Shore A80
NBE51		L Configurable		Natural Color

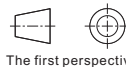
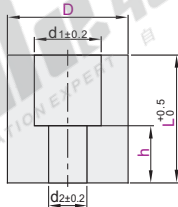
Urethane turns yellow by aging, but physical property or characteristics remain unchanged.

h Tolerance

h	Tolerance
30 or Less	±0.20
31~220	±0.50

D Tolerance

D	Tolerance
40 or Less	±0.20
50	±0.30
60	±0.30
80	±0.40
100	±0.40



L Selectable

Part Number	D	L Selection	M Applicable Screw	h
NBE01	12	12 15	M3	5
	15	12 15		
		12 15 20	M4	6
	20	15 20 25	M5	7
	25	15 20 25	M6	8
	30	20 25 30	M8	9
	40	20 25 30 40	M10	11
		20 25 30 40 50	M12	14
	50	25 30 40 50	M10	
	60	25 30 40 50	M12	

L Configurable

Part Number		L 0.1 mm Inc.	M Applicable Screw	h 0.1 mm Inc.
Code	D			
NBE51	15	10~100	M3 M4	h=5~L
	20		M4 M5	
	25		M5 M6 M8	
	30			
	40			
	50	20~160	M8 M10 M12	
	60			
	80	20~220	M10 M12 M16	
	100			

Hole Diameter of Applicable Screw

Screw Size	Hole Dia.
M3	6
M4	8
M5	9.5
M6	11
M8	14
M10	17
M12	19
M16	25



L Selectable

Part Number	D	L	M	h
NBE01	20	15 20 25	M4 M5	6

NBE01—D20—L25—M4

L Configurable

Part Number	D	L	M	h
NBE51	40	10~100	M8 M10 M12	h=5~L

NBE51—D40—L30—M12—h20



Discount price
Per 1~50 51~
Price 100% Additional quotation



Delivery
12

Fully Configurable

Code	Type	Material	Hardness	Color
NBF01	Standard Grade	Counterbore	Urethane	Shore A80
NBF51	Precision Grade	Type		Natural Color

Urethane turns yellow by aging, but physical property or characteristics remain unchanged.

Standard Grade D Tol.

D	Tol.
8~40	±0.20
41~60	±0.30
61~100	±0.40

Precision Grade L Tol.

L	Tol.
6~100	±0.20
100~200	±0.30

Standard Grade V · H · G Tol.

Dimension	V	H	G
30 or Less	±0.20	±0.20	±0.20
31~90	±0.30	±0.50	±0.30
91~200	—	±0.50	—

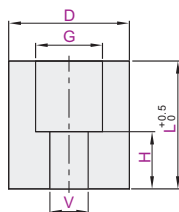
Precision Grade V · H · G Tol.

Dimension	V	H-G
2~50	±0.14	±0.09
51~	±0.14	±0.14

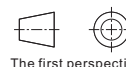
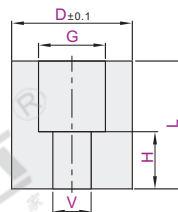
Thickness Condition

L	V
30<L-H	V≤D-3
30≥L-H	V≤D-5

Standard Grade
NBF01



Precision Grade
NBF51



Part Number	1 mm Increment	0.5 mm Increment
Code	D	H
Standard Grade NBF01	8~15	2~12
	16~30	2~18
	31~45	5~40
Precision Grade NBF51	46~60	5~50
	61~80	5~70
	81~100	5~84



Part Number	D	V	H	G	L
NBF01	10	2	3	3	50
NBF51	10	2	3	3	50

NBF01—D10—V4—H6—G6—L50



Discount price
Per 1~50 51~
Price 100% Additional quotation



Delivery
12