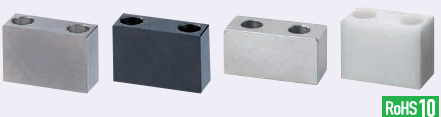


Stopper Blocks

■ Features: Hole types are selectable.

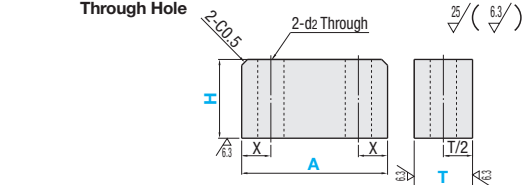
■ Straight Type



RoHS 10

Type	Material	Hardness	Surface Treatment
Counterbored Hole			
SBHB	EN 1.1191	-	Black Oxide
SBHM	EN 1.1191 Equiv.	40HRC~	Electroless Nickel Plating
SBHMB	-	-	Black Oxide
SBHMM	-	-	Electroless Nickel Plating
SBHU	Urethane	Shore A90	-
SBHJ	Polycetal	-	-

Through Hole

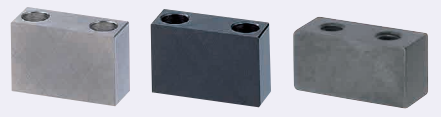


2-C0.5, 2-d2 Through, d1 Counterbore Depth ℓ, H, X, A, T, T/2

Part Number	A Selection	H 5mm Increment	T		X	d1	d2	ℓ1	T	Unit Price			
			Counterbored Hole	Through Hole						SBHB/SBKHB	SBHM/SBKHM	SBHMB/SBKHMB	SBHMM/SBKHMM
(Counterbored Hole) (Through Hole)	20 30 40 50	(5) 10~40	10	10	5	8	4.5	4.5	10, A10				
SBHB SBKHB	30 40 50 60	(10) 15~50	15	A10	7	9.5	5.5	5.5	15, A15				
SBHM SBKHM	30 40 50 60 70 80	(15) 20~50	20	15	8	11	6.5	6.5	20				
SBHMB SBKHMB	40 50 60 70 80 90 100	(20) 30~50	30	A15	10	14	9	9	30				

ⓂA≥H ⓂH dimension in () is for Through Hole Type only.

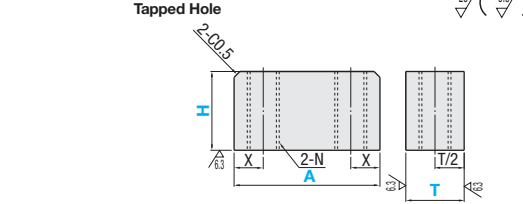
■ Tapped Hole Type



RoHS 10

Type	Material	Hardness	Surface Treatment
Counterbored and Tapped Hole			
SBNB	EN 1.1191	-	Black Oxide
SBNM	EN 1.1191 Equiv.	40HRC~	Electroless Nickel Plating
SBNHB	-	-	Black Oxide
SBNHM	-	-	Electroless Nickel Plating

Tapped Hole




2-C0.5, 2-d1 Counterbore Depth ℓ1, H, X, A, T, T/2

Part Number	A Selection	H 5mm Increment	T		X	d1	ℓ1	N	T	Unit Price			
			Counterbored and Tapped Hole	Tapped Hole						SBNB/SBKNB	SBNM/SBKNM	SBNHB/SBKHNB	SBNHM/SBKNHM
(Counterbored and Tapped Hole) (Tapped Hole)	20 30 40 50	(5) 10~40	10	10	5	8	4.5	M5	10, A10				
SBNB SBKNB	30 40 50 60	(10) 15~50	15	A10	7	9.5	5.5	M6	15, A15				
SBNM SBKNM	30 40 50 60 70 80	(15) 20~50	20	15	8	11	6.5	M8	20				
SBNHB SBKHNB	40 50 60 70 80 90 100	(20) 30~50	30	A15	10	14	9	M10	30				

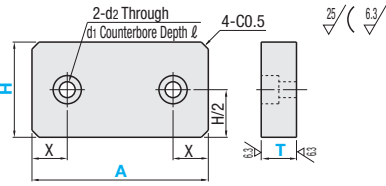
ⓂA≥H ⓂH dimensions in () are for Tapped Hole Type only.

■ Plate Type



RoHS 10

Type	Material	Hardness	Surface Treatment
SBFB	EN 1.1191	-	Black Oxide
SBFM	EN 1.1191 Equiv.	40HRC~	Electroless Nickel Plating
SBFHB	-	40HRC~	Black Oxide
SBFHM	-	40HRC~	Electroless Nickel Plating



2-d2 Through, d1 Counterbore Depth ℓ, 4-C0.5, H, X, A, T, T/2

Part Number	A Selection	H 5mm Increment	T	X	d1	d2	ℓ	T	Unit Price			
									SBFB	SBFM	SBFHB	SBFHM
SBFB	20 30 40 50	10~30	5	5	-	5.5	-					
SBFM	20 30 40 50 60	10~40	8	5	8	4.5	4.5					
SBFHB	30 40 50 60 70 80	15~50	10	7	9.5	5.5	5.5					
SBFHM	30 40 50 60 70 80 90 100	20~50	15	8	11	6.5	6.5					

ⓂThe bolt mounting hole is a through hole when T=5. ⓂA≥H


Ordering Example

Part Number	-	A	-	H	-	T
SBKHB	-	40	-	10	-	A10
SBNB	-	20	-	10	-	10
SBFB	-	30	-	15	-	5

Stopper Blocks with Urethane

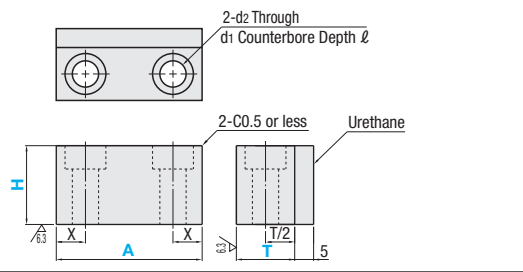
■ Features: Best suited for easily scratched workpieces.

■ Stopper Blocks with Urethane



RoHS 10

Type	Urethane	Material	Surface Treatment
SBUB	Shore A90 (Natural Color)	EN 1.1191	Black Oxide
SBUM	-	EN 1.1191 Equiv.	Electroless Nickel Plating



2-d2 Through, d1 Counterbore Depth ℓ, 2-C0.5 or less, Urethane, H, X, A, T, T/2, 5

ⓂUrethane is baked.
ⓂSurface treatment of verge part between core block and urethane may be peeled off about 2 ~ 3mm from edge.


Part Number	Type	A Selection			H Selection			T	X	d1	d2	ℓ	Unit Price		
		30	40	50	20	25	30						40	50	SBUB
SBUB		30	40	50	20	25	30	40	50	15	7	9.5	5.5	5.5	
SBUM		30	40	50						20	8	11	6.5	6.5	
		40	50	60						30	10	14	9	9	

ⓂA≥H

Ordering Example

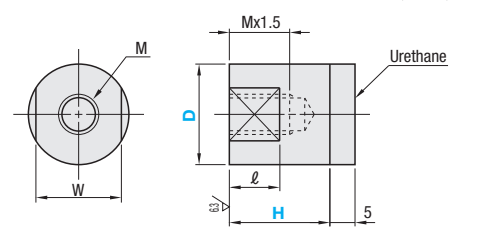
Part Number	-	A	-	H	-	T
SBUB	-	40	-	20	-	15

■ Stopper Blocks with Urethane - Cylinder Type



RoHS 10

Type	Urethane	Material	Surface Treatment
SBEB	Shore A90 (Black)	EN 1.1191	Black Oxide
SBEM	-	EN 1.1191 Equiv.	Electroless Nickel Plating



Mx1.5, Urethane, M, D, W, H, 5

ⓂUrethane is baked.
ⓂSurface treatment of verge part between core block and urethane may be peeled off about 2 ~ 3mm from edge.

Part Number	Type	D	H Selection					M (Coarse)	W	ℓ	Unit Price	
			20	25	30	35	40				SBEB	SBEM
SBEB		10	20	25	30	35	40	6	8	8		
SBEM		20						10	17	10		
		30						12	27	15		

Ordering Example

Part Number	-	D	-	H
SBEM	-	20	-	35