

Stopper Bolts

With Urethane, Polyacetal, Silicon, MC Nylon

■ UST, USRT, PUST and USTS are now RoHS Compliant.

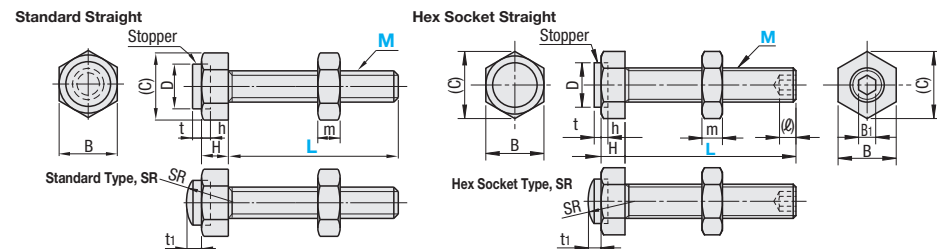
Shoulder Type



Standard		Hex Socket Type		Stopper		Screw		Accessory (Hex Nut)		M	D	B	(C)	H	h	t	t ₁	m	(l)	B ₁	SR	
Straight Shape	SR Shape	Straight Shape	SR Shape	M Material	H Hardness	M Material	Strength Class	S Surface Treatment	M Material	S Surface Treatment	M (Coarse)											
UST	USRT	USTH	USRTH	Urethane (Black)	Shore A90	EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate	4	3	3.5	5.5	6.4	2	0.7	1.5	2.2	2.4	2.2	5
SUST	SUSRT	SUSTH	SUSRTH			EN 1.4301 Equiv.		-	EN 1.4301 Equiv.	Trivalent Chromate	5	6	8	9	10.2	3.5		2.3	2.3	2.8	2.5	6
LUST	-	-	-	Low Repulsion Urethane (Gray)	Shore A70	EN 1.7220 Equiv.	10.9	Bright Chromate Pating *	EN 1.0038 Equiv.	Trivalent Chromate	6	8	8	10	11.5	4	2	2.6	3.6	3	3	8
PUST	-	PUSTH	-			EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate	8	10	13	15	5.5			2.8	5	4	4	10
PSST	-	PSSTH	-	Polyacetal (White)	-	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.	-	10	13	17	19.6	7			3.2	6	5	5	13
USTS	-	-	-			EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate	12	15	19	21.9	8			3.5	7	-	-	15
SSTS	-	-	-	Silicon (Light Gray)	Shore A70	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.	-												

*1 Bright Chromate for LUST is being switched to Trivalent Chromate.

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* For bolt strength class, see P2297

⚠ Incomplete threaded portion of 2 x pitch is under the neck.

Part Number		M (Coarse)	L Selection												Unit Price												
Type															UST	SUST	LUST	PUST	USRT	SUSRT	PSST	USTS	SSTS	USTH	SUSTH	PUSTH	PSSTH
Standard (Standard) UST SUST LUST PUST PSST USTS SSTS	Hex Socket Type (Hex Socket)	SR	3	15	20	25	30	35	40																		
	USRT	SRTH	4	15	20	25	30	35	40																		
	SUSTH	SUSRTH	5	15	20	25	30	35	40	45	50																
			6			20	25	30	35	40	45	50	60														
			8			20	25	30	35	40	45	50	60														
			10			20	25	30	35	40	45	50	60	70													
			12			30			40			50			60	70											

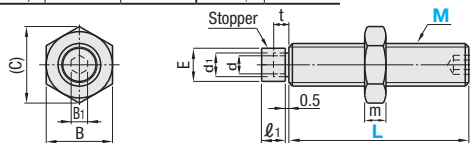
⚠ The unit price of Shape SR (USRT and SUSRT) is the price of the same material plate shape multiplied by 1.2.

⚠ The unit price of Shape SR (USRT, SUSRT, USRTH, SUSRTH) is the price of the same material plate shape multiplied by 1.2.

Straight Type



Type	Stopper		Screw		Accessory (Hex Nut)	
	M	H	M	Strength Class	S	Surface Treatment
USS	Urethane (Black)	Shore A90	EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.
USUS	Urethane (Black)	Shore A90	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.
PUSS	Polyacetal (White)	-	EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.
SPUS	Polyacetal (White)	-	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.



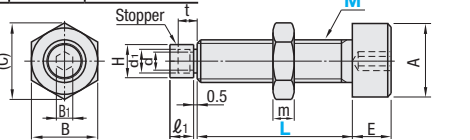
* For bolt strength class, see P2297

Part Number		L Selection										Unit Price									
Type	M (Coarse)	4	5	6	8	10	12	15	20	25	30	35	40	45	50	60	70	USS	USUS	PUSS	SPUS
USS	4	10	15	20	25	30	35														
USUS	5	10	15	20	25	30	35	40													
PUSS	6	15	20	25	30	35	40	45	50	60											
SPUS	8	25	30	35	40	45	50	60													
	10	30	35	40	45	50	60	70													
	12	30	40	50	60	70															

Hex Socket Head Cap Screw Type



Type	Stopper		Screw		Accessory (Hex Nut)	
	M	H	M	Strength Class	S	Surface Treatment
UUSCB	Urethane (Black)	Shore A90	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.
PSCB	Polyacetal (White)	-	-	-	-	-



Part Number		L Selection										Unit Price									
Type	M (Coarse)	4	5	6	8	10	12	15	20	25	30	35	40	45	50	60	70	UUSCB	PSCB		
UUSCB	4	10	12	15	20																
PSCB	5	12	15	20	25																
	6	15	20	25	30																
	8	20	25	30	40																
	10	25	30	40	50																

Ordering Example
Part Number - L
UST8 - 40
USUS6 - 30
PSCB4 - 10

■ Features: Large-headed Stoppers. Best for receiving workpieces on large surfaces.

Hex Socket Head Cap MC Nylon Type



* For bolt strength class, see P2297

UNAHM

Type	Stopper		Screw		Accessory (Hex Nut)	
	M	H	M	Strength Class	S	Surface Treatment
UNAHM	MC Nylon	EN 1.7220 Equiv.	8.8	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate

⚠ Bolts and MC Nylon are adhered together using adhesives.
⚠ Contact Nut A to the MC Nylon for use.
⚠ If strong forces are applied, the MC Nylon may be damaged.
⚠ Do not use from the B direction.
⚠ For tightening, use a Hex Hole, not Nut A.

Part Number		L Selection										t	D	d	B	H	m	Unit Price	
Type	M (Coarse)																		
UNAHM	4	10	15	20	25	30						3	10	2.4	2	7	2.4		
	5		15	20	25	30	40					4	12	3	2.5	9	3.2		
	6		15	20	25	30	40	50					15	3.5	3	10	3.6		
	8				25	30	40	50				5	20	4.7	4	13	5		
	10					30	40	50					25	6	5	15	6		
	12						30	40	50				6	30	7	6	18	7	
	16							30	40	50				40	9.5	8	22	10	

Ordering Example
Part Number - L
UNA5M5 - 15

Hex Socket Head Cap Urethane Type



* For bolt strength class, see P2297

UNAH
UNAHH
SLUNA

Type	Stopper		Screw		Accessory (Hex Nut)	
	M	H	M	Strength Class	S	Surface Treatment
UNAH	Urethane (Black)	Shore A90	EN 1.7220 Equiv.	10.9	Trivalent Chromate	EN 1.0038 Equiv.
UNAHH	Urethane (Blue)	Shore A70	10.9	Trivalent Chromate	-	-
SLUNA	Low Repulsion Urethane (Gray)	Shore A70	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.

Part Number		L Selection										Unit Price									
Type	M (Coarse)	3	4	5	6	8	10	12	15	20	25	30	35	40	UNAH	UNAHH	SLUNA				
	3	10	15																		
	4	10	15	20	(25)	(30)															
	5	10	15	20	25	(30)	(40)														
	6	10	15	20	25	30	(40)	(50)													
	8	10	15	20	25	30	(40)	(50)	(60)												
	10	10	15	20	25	30	(40)	(50)	(60)	(70)											
	12	15	20	25	30	40															
	16	20	25	30	40																

⚠ L sizes in () are not available for SLUNA. ⚠ l dimension for * marked L dimension is in ().

Tip Hex Socket Urethane Type



* For bolt strength class, see P2297

Part Number		L Selection										Unit Price									
Type	M (Coarse)	3	4	5	6	8	10	12	15	20	25	30	35	40	UNBH	UNBHH					
	3	10	15																		
	4	10	15	20	25	30															
	5	15	20	25	30	40															
	6	15	20	25	30	40	50														
	8	25	30	40	50	60															
	10	30	40	50	60	70															

Ordering Example
Part Number - L
UNAH4 - 20
UNBH5 - 25