Adjusting Stopper Screws

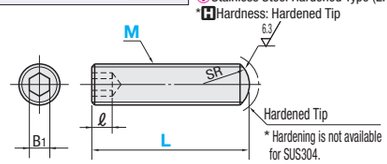
Hex Socket, Wrench Flats

■Adjusting Stopper Screws
Hex Socket

RoHS10

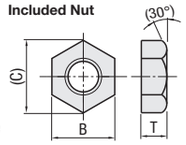
Adjusting Stopper	Hex Socket Type: L Selectable	Hex Socket Type: L Configurable	M Material	H Hardness*	S Surface Treatment	A Accessory (Nut 1 pc.) M Material	A Accessory (Nut 1 pc.) S Surface Treatment
Fine	ANBM	-	EN 1.1191 Equiv.	45~50HRC	Electroless Nickel Plating / Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	ANB	ANFB					
	ANBH	ANFBH	EN 1.7220 Equiv.	50HRC~			
	ANBS	ANFBS	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.	-
	SANB	SANFB	EN 1.4031 Equiv.	45HRC~	-		
Coarse	ANBNM	-	EN 1.1191 Equiv.	45~50HRC	Electroless Nickel Plating / Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	ANBN	ANFBN					
	ANBNH	ANFBNH	EN 1.7220 Equiv.	50HRC~			
	ANBNS	ANFBNS	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.	-
	SANBN	SANFBN	EN 1.4031 Equiv.	45HRC~	-		

Stainless Steel Hardened Type (EN 1.4029 Equiv. J2) may be discolored by hardening. (Right in the photo)
*H Hardness: Hardened Tip



* Hardening is not available for SUS304.

Included Nut



M	MxPitch Fine	MxPitch Coarse	B1	ℓ	SR	B	(C)	T
3	3x0.35	3x0.5	1.5	1.5	3	5.5	6.4	2.4
4	4x0.5	4x0.7	2	2.2	4	7	8.1	4
5	5x0.5	5x0.8	2.5	2.8	5	8	9.2	
6	6x0.75	6x1.0	3	3	6	10	11.5	
8	8x0.75	8x1.25	4	4	8	13	15	5
10	10x1.0	10x1.5	5	5	10	17	19.6	6
12	12x1.0	12x1.75	6	6	12	19	21.9	
16	16x1.5	16x2.0	8	7	16	24	27.7	8
20	20x1.5	20x2.5	10	8	20	30	34.6	10

■L Selectable

Part Number Type	M	L Selection	ANB, ANBN Unit Price 1 ~ 49 pc(s).	ANB, ANBN Volume Discount Rate 50 ~ 100 pcs.	ANBS, ANBNS Unit Price 1 ~ 49 pc(s).	ANBS, ANBNS Volume Discount Rate 50 ~ 100 pcs.	SANB, SANBN Unit Price 1 ~ 49 pc(s).	SANB, SANBN Volume Discount Rate 50 ~ 100 pcs.
(Fine) ANB ANBS SANB	3	10 15 20 25 30 35 40						
	4	10 15 20 25 30 35 40 45 50 60						
	5	10 15 20 25 30 35 40 45 50 60						
	6	15 20 25 30 35 40 45 50 60						
	8	20 25 30 35 40 45 50 60						
(Coarse) ANBN ANBNS SANBN	10	25 30 35 40 45 50 60 70 80 90 100						
	12	30 35 40 45 50 60 70 80 90 100						
	16	40 45 50 60 70 80 90 100 120						
	20	45 50 60 70 80 90 100 120						

For orders larger than indicated quantity, please check with WOS.

Part Number Type	M	L Selection	Unit Price 1 ~ 49 pc(s).	Volume Discount Rate 50 ~ 100 pcs.
(Fine) ANBM	3	15 20 25		
	4	15 20 25 30 35 40		
	5	15 20 25 30 35 40		
	6	15 20 25 30 35 40 45 50 60		
(Coarse) ANBNM	8	20 25 30 35 40 45 50 60		
	10	30 35 40 45 50 60 70		
	12	40 45 50 60 70		

Part Number Type	M	L Selection	Unit Price 1 ~ 49 pc(s).	Volume Discount Rate 50 ~ 100 pcs.
(Fine) ANBH	3	20 25 30 35 40		
	4	20 25 30 35 40 45 50 60		
	5	20 25 30 35 40 45 50 60		
	6	20 25 30 35 40 45 50 60		
	8	20 25 30 35 40 45 50 60		
(Coarse) ANBNH	10	30 35 40 45 50 60 70		
	12	35 40 45 50 60 70 80		
	16	40 45 50 60 70 80 100		
	20	45 50 60 70 80 100 120		

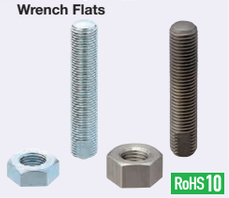
■L Configurable

Part Number Type	M	L 1mm Increment	Unit Price ANFB, ANFBN	Unit Price ANFBH, ANFBNH	Unit Price ANFBS, ANFBNS	Unit Price SANFB, SANFBN
(Fine) ANFB ANFBH ANFBS SANFB	3	10~40				
	4	10~60				
	5	10~60				
	6	15~60				
	8	15~60				
(Coarse) ANFBN ANFBNH ANFBNS SANFBN	10	20~100				
	12	30~100				
	16	40~120				
	20	40~120				

Ordering Example

Part Number	-	L
ANB8	-	40
ANBM5	-	30

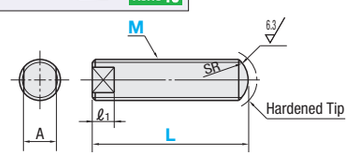
■Adjusting Stopper Screws
Wrench Flats



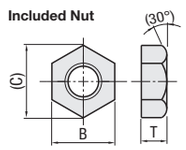
RoHS10

Adjusting Stopper	Wrench Flats	M Material	H Hardness*	S Surface Treatment	A Accessory (Nut 1 pc.) M Material	A Accessory (Nut 1 pc.) S Surface Treatment
Fine	ANS	EN 1.1191 Equiv.	45~50HRC	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	SANS	EN 1.4031 Equiv.	45HRC~	-	EN 1.4301 Equiv.	-
Coarse	ANSN	EN 1.1191 Equiv.	45~50HRC	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	SANSN	EN 1.4031 Equiv.	45HRC~	-	EN 1.4301 Equiv.	-

Stainless Steel Hardened Type (EN 1.4029 Equiv. J2) may be discolored by hardening. (Right in the photo)
*H Hardness: Hardened Tip



Included Nut



M	MxPitch Fine	MxPitch Coarse	A	ℓ1	SR	B	(C)	T
3	3x0.35	3x0.5	2.5	4	3	5.5	6.4	2.4
4	4x0.5	4x0.7	3		4	7	8.1	4
5	5x0.5	5x0.8	4		5	8	9.2	
6	6x0.75	6x1.0	5	5	6	10	11.5	
8	8x0.75	8x1.25	6	6	8	13	15	5
10	10x1.0	10x1.5	8	8	10	17	19.6	6
12	12x1.0	12x1.75	10	10	12	19	21.9	
16	16x1.5	16x2.0	14	14	16	24	27.7	8
20	20x1.5	20x2.5	17	17	20	30	34.6	10

Part Number Type	M	L Selection	ANS, ANSN Unit Price 1 ~ 49 pc(s).	ANS, ANSN Volume Discount Rate 50 ~ 100 pcs.	SANS, SANSN Unit Price 1 ~ 49 pc(s).	SANS, SANSN Volume Discount Rate 50 ~ 100 pcs.
(Fine) ANS SANS	3	15 20 25 30 35 40				
	4	15 20 25 30 35 40 45 50 60				
	5	15 20 25 30 35 40 45 50 60				
	6	20 25 30 35 40 45 50 60				
	8	25 30 35 40 45 50 60				
(Coarse) ANSN SANSN	10	30 35 40 45 50 60 70				
	12	35 40 45 50 60 70 80				
	16	40 45 50 60 70 80 100				
	20	45 50 60 70 80 100 120				

For orders larger than indicated quantity, please check with WOS.

Ordering Example

Part Number	-	L
ANS6	-	60
SANSN10	-	50

Adjusting Stopper Screws

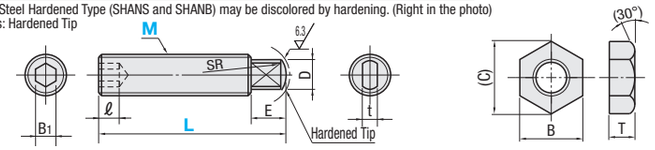
Wrench Flats with Hex Socket, Hex Bolts, Knurled Knobs

■Adjusting Stopper Screws
Wrench Flats with Hex Socket

RoHS10

Adjusting Stopper	Type	M Material	H Hardness*	S Surface Treatment	A Accessory (Nut 1 pc.) M Material	A Accessory (Nut 1 pc.) S Surface Treatment
Fine	HANS	EN 1.1191 Equiv.	45~50HRC	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	SHANS	EN 1.4031 Equiv.	45HRC~	-	EN 1.4301 Equiv.	-
Coarse	HANB	EN 1.1191 Equiv.	45~50HRC	Trivalent Chromate	EN 1.0038 Equiv.	Trivalent Chromate
	SHANB	EN 1.4031 Equiv.	45HRC~	-	EN 1.4301 Equiv.	-

Stainless Steel Hardened Type (SHANS and SHANB) may be discolored by hardening. (Right in the photo)
*H Hardness: Hardened Tip



Part Number Type	M	L Selection	MxPitch Fine	MxPitch Coarse	B1	ℓ	E	D	SR	t	B	(C)	T	HANS, HANB Unit Price 1 ~ 49 pc(s).	HANS, HANB Volume Discount Rate 50 ~ 100 pcs.	SHANS, SHANB Unit Price 1 ~ 49 pc(s).	SHANS, SHANB Volume Discount Rate 50 ~ 100 pcs.
(Fine) HANS SHANS	4	15 20 25 30	4x0.5	4x0.7	2	2.2	4	3	4	2.5	7	8.1	4				
	5	15 20 25 30 40	5x0.5	5x0.8	2.5	2.8	4	4	5	3	8	9.2					
	6	20 25 30 40 50	6x0.75	6x1.0	3	3	5	4.5	6	3	10	11.5					
(Coarse) HANB SHANB	8	25 30 40 50	8x0.75	8x1.25	4	4	6	6	8	4	13	15	5				
	10	30 40 50 60	10x1.0	10x1.5	5	5	8	8	10	6	17	19.6	6				
	12	40 50 60	12x1.0	12x1.75	6	6	10	9	12	7	19	21.9					

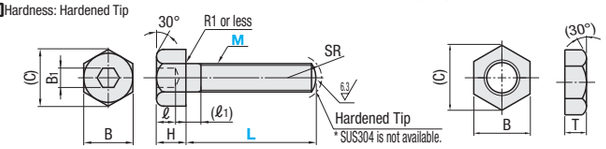
For orders larger than indicated quantity, please check with WOS.

■Adjusting Stopper Screws
Hex Head

RoHS10

Adjusting Stopper	Type	M Material	H Hardness*	S Surface Treatment	A Accessory (Nut 1 pc.) M Material	A Accessory (Nut 1 pc.) S Surface Treatment
Fine	ANH	EN 1.7220 Equiv.	40~45HRC	Bright Chromate Plating	EN 1.0038 Equiv.	Trivalent Chromate
	SANH	EN 1.4006 Equiv.	40~45HRC	-	EN 1.4301 Equiv.	-
Coarse	ANHN	EN 1.7220 Equiv.	40~45HRC	Bright Chromate Plating	EN 1.0038 Equiv.	Trivalent Chromate
	ANHNS	EN 1.4301 Equiv.	-	-	EN 1.4301 Equiv.	-
	SANHN	EN 1.4006 Equiv.	40~45HRC	-		

Part numbers in ☐ are not RoHS compliant.
Stainless Steel Hardened Type (SANH and SANHN) may be discolored by hardening. (Right in the photo)
*H Hardness: Hardened Tip



* SUS304 is not available.

The directions of the outer hex head (B) and the hex socket (B1) are not equal.

Part Number Type	M	L Selection	MxPitch Fine	MxPitch Coarse	T Fine	T Coarse	B	(C)	B1	H	ℓ	(ℓ1)	SR	ANH, ANHN Unit Price 1 ~ 49 pc(s).	ANH, ANHN Volume Discount Rate 50 ~ 100 pcs.	ANHNS Unit Price 1 ~ 49 pc(s).	ANHNS Volume Discount Rate 50 ~ 100 pcs.	SANH, SANHN Unit Price 1 ~ 49 pc(s).	SANH, SANHN Volume Discount Rate 50 ~ 100 pcs.
(Fine) ANH SANH	3	15 20 25 30 35 40	-	3x0.5	-	2.4	5.5	6.4	1.5	2	0.7	3	3						
	4	15 20 25 30 35 40 45 50 60	4x0.5	4x0.7	4	3.2	7	8.1	2.5	2.8	1.3	3	4						
	5	15 20 25 30 35 40 45 50 60	5x0.5	5x0.8		4	8	9.2	3	3.5	2	3	5						
	6	20 25 30 35 40 45 50 60	6x0.75	6x1.0		5	10	11.5	4	4	2.5	5	6						
(Coarse) ANHN ANHNS SANHN	8	25 30 35 40 45 50 60	8x0.75	8x1.25	5	6.5	13	15	5	5.5	3	5	8						
	10	30 35 40 45 50 60 70	10x1.0	10x1.5	6	8	17	19.6	6	7	4	5	10						
	12	35 40 45 50 60 70 80	12x1.0	12x1.75		10	19	21.9	8	8	5	10	12						
	16	40 45 50 60 70 80 100	16x1.5	16x2.0	8	13	24	27.7	10	10	6	10	16			-	-		
M3 ~ 12 for ANHNS	20	45 50 60 70 80 100 120	20x1.5	20x2.5	10	16	30	34.6	14	13	7.4	10	20			-	-		

M3 is not available for Fine (ANH and SANH).

For orders larger than indicated quantity, please check with WOS.

Ordering Example

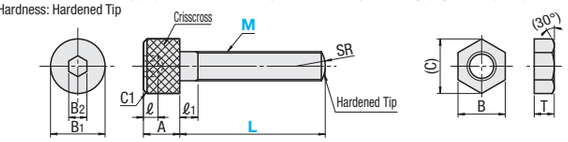
Part Number	-	L
HANS6	-	30
ANH4	-	20

■Adjusting Stopper Screws
Knurled Knobs

RoHS10

Adjusting Stopper	Type	M Material	H Hardness*	S Surface Treatment	A Accessory (Nut 1 pc.) M Material	A Accessory (Nut 1 pc.) S Surface Treatment
Fine	ANKSB	EN 1.7220 Equiv.	40~45HRC	Black Oxide / Electroless Nickel Plating	EN 1.0038 Equiv.	Trivalent Chromate
	ANKSM					
	ANKSS	EN 1.4006 Equiv.		-	EN 1.4301 Equiv.	-
Coarse	ANKB	EN 1.7220 Equiv.		Black Oxide / Electroless Nickel Plating	EN 1.0038 Equiv.	Trivalent Chromate
	ANKM					
	ANKS	EN 1.4006 Equiv.		-	EN 1.4301 Equiv.	-

Stainless Steel Hardened Type (ANKSS and ANKS) may be discolored by hardening. (Right in the photo)
*H Hardness: Hardened Tip



Part Number Type	M	L Selection	MxPitch Fine	MxPitch Coarse	B1	B2	A	ℓ	ℓ1	SR	B	(C)	T	Unit Price ANKSB ANKB	Unit Price ANKSM ANKM	Unit Price ANKSS ANKS
(Fine) (Coarse) ANKSB ANKB ANKSM ANKM ANKSS ANKS	3	15 20 25	3x0.35	3x0.5	10	2	7	2	1.6	3	5.5	6.4	2.4			
	4	15 20 25	4x0.5	4x0.7	10	2.5	7	2.5	1.6	4	7	8.1	3.2			
	5	20 25 30 40	5x0.5	5x0.8	15	3	15	3	2	5	8	9.2	4			
	6	20 25 30 40	6x0.75	6x1.0	15	4	15	4	2	6	10	11.5	5			
	8	30 40 50 60	8x0.75	8x1.25	15	5	15	5	2.5	8	13	15	6.5			
	10	30 40 50 60	10x1.0	10x1.5	20	6	25	5	3	10	17	19.6	8			
	12	40 50 60 80	12x1.0	12x1.75	20	8	25	6	3	12	19	21.9	10			

Ordering Example

Part Number	-	L
ANKB6	-	20