Adjusting Stopper Screws

Hex Socket Head Type / With Wrench Flats

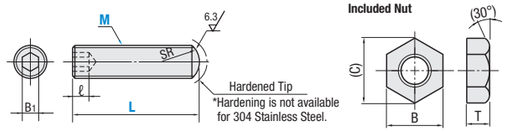
Adjusting Stopper Screws – Hex Socket Head Type

RoHS10

Adjusting Stopper	Hex Socket Type: L Selectable	Hex Socket Type: L Configurable	Material	Hardness*	Surface Treatment	Accessories (Nut 1 pc.): Material	Accessories (Nut 1 pc.): Surface Treatment
Fine Thread	ANBM	—	1045 Carbon Steel or Equivalent	45~50 HRC	Electroless Nickel Plating	1018 Carbon Steel or Equivalent	Trivalent Chromate
	ANB	ANFB			Trivalent Chromate		
	ANBH	ANFBH	4137 Alloy Steel	50 HRC~			
	ANBS	ANFBS	304 Stainless Steel	—	—	304 Stainless Steel or Equivalent	—
	SANB	SANFB	420J2 Stainless Steel	45 HRC~	—		
Coarse Thread	ANBNM	—	1045 Carbon Steel or Equivalent	45~50 HRC	Electroless Nickel Plating	1018 Carbon Steel or Equivalent	Trivalent Chromate
	ANBN	ANFBN			Trivalent Chromate		
	ANBNH	ANFBNH	4137 Alloy Steel	50 HRC~			
	ANBNS	ANFBNS	304 Stainless Steel	—	—	304 Stainless Steel or Equivalent	—
	SANBN	SANFBN	420J2 Stainless Steel	45 HRC~	—		

Stainless Steel Hardened Type (420 Stainless Steel J2) may be discolored by hardening. *Hardness: Hardened Tip

M	M x Pitch: Fine Thread	M x Pitch: Coarse Thread	B_1	ℓ	SR	B	(C)	T
3	3 x 0.35	3 x 0.5	1.5	1.5	3	5.5	6.4	2.4
4	4 x 0.5	4 x 0.7	2	2.2	4	7	8.1	4
5	5 x 0.5	5 x 0.8	2.5	2.8	5	8	9.2	
6	6 x 0.75	6 x 1.0	3	3	6	10	11.5	
8	8 x 0.75	8 x 1.25	4	4	8	13	15	5
10	10 x 1.0	10 x 1.5	5	5	10	17	19.6	6
12	12 x 1.0	12 x 1.75	6	6	12	19	21.9	
16	16 x 1.5	16 x 2.0	8	7	16	24	27.7	8
20	20 x 2.5	20 x 2.5	10	8	20	30	34.6	10



L Selectable

Part Number: Type	M	L Selection
Fine ANB	3	10 15 20 25 30 35 40
	4	10 15 20 25 30 35 40 45 50 60
ANBS	5	10 15 20 25 30 35 40 45 50 60
SANB	6	15 20 25 30 35 40 45 50 60
Coarse	8	20 25 30 35 40 45 50 60
ANBN	10	25 30 35 40 45 50 60 70 80 90 100
	12	30 35 40 45 50 60 70 80 90 100
ANBNS	16	40 45 50 60 70 80 90 100 120
SANBN	20	45 50 60 70 80 90 100 120

Part Number: Type	M	L Selection
	3	15 20 25
Fine ANBM	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	8	20 25 30 35 40 45 50 60
ANBNM	10	30 35 40 45 50 60 70
	12	40 45 50 60 70

L Configurable

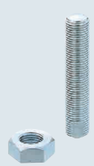
Part Number: Type	M	L 1 mm Increment
Fine	3	10–40
ANFB	4	10–60
ANFBH	5	10–60
ANFBS	6	15–60
SANFB	8	15–60
Coarse	10	20–100
ANFBN	12	30–100
ANFBNH	16	40–120
ANFBNS	20	40–120
SANFBN		

Part Number: Type	M	L Selection
	3	20 25 30 35 40
	4	20 25 30 35 40 45 50 60
Fine ANBH	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

Part Number Example

Part Number	-	L
ANB8	-	40
ANBM5	-	30

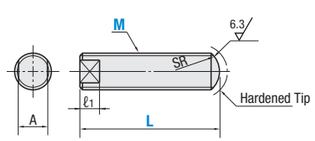
Adjusting Stopper Screws



RoHS10

Adjusting Stopper	Wrench Flats Type	Material	Hardness*	Surface Treatment	Accessories (Nut 1 pc.): Material	Accessories (Nut 1 pc.): Surface Treatment
Fine Thread	ANS	1045 Carbon Steel or Equivalent	45~50 HRC	Trivalent Chromate	1018 Carbon Steel or Equivalent	Trivalent Chromate
	SANS	420J2 Stainless Steel	45 HRC~	—	304 Stainless Steel	—
Coarse Thread	ANSN	1045 Carbon Steel or Equivalent	45~50 HRC	Trivalent Chromate	1018 Carbon Steel or Equivalent	Trivalent Chromate
	SANSN	420J2 Stainless Steel	45 HRC~	—	304 Stainless Steel	—

Stainless Steel Hardened Type (420 Stainless Steel J2) may be discolored by hardening.
*Hardness: Hardened Tip



M	M x Pitch: Fine Thread	M x Pitch: Coarse Thread	A	$ℓ_1$	SR	B	(C)	T
3	3 x 0.35	3 x 0.5	2.5	4	3	5.5	6.4	2.4
4	4 x 0.5	4 x 0.7	3		4	7	8.1	4
5	5 x 0.5	5 x 0.8	4		5	8	9.2	
6	6 x 0.75	6 x 1.0	5	5	6	10	11.5	
8	8 x 0.75	8 x 1.25	6	6	8	13	15	5
10	10 x 1.0	10 x 1.5	8	8	10	17	19.6	6
12	12 x 1.0	12 x 1.75	10	10	12	19	21.9	
16	16 x 1.5	16 x 2.0	14	14	16	24	27.7	8
20	20 x 2.5	20 x 2.5	17	17	20	30	34.6	10

Part Number: Type	M	L Selection
	3	15 20 25 30 35 40
Fine ANS	4	15 20 25 30 35 40 45 50 60
	5	15 20 25 30 35 40 45 50 60
SANS	6	20 25 30 35 40 45 50 60
	8	25 30 35 40 45 50 60
Coarse	10	30 35 40 45 50 60 70
ANSN	12	35 40 45 50 60 70 80
SANSN	16	40 45 50 60 70 80 100
	20	45 50 60 70 80 100 120

Part Number Example

Part Number	-	L
ANS6	-	60

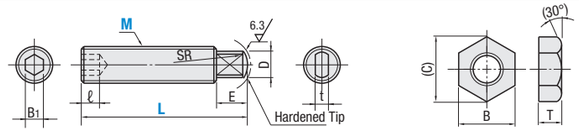
Adjusting Stopper Screws

Wrench Flats with Hex Socket / Hex Bolt / Knurled Knob Type

Adjusting Stopper Screws – Wrench Flats with Hex Socket Type

RoHS10

Adjusting Stopper	Type	Material	Hardness*	Surface Treatment	Accessories (Nut 1 pc.): Material	Accessories (Nut 1 pc.): Surface Treatment
Fine Thread	HANS	1045 Carbon Steel or Equivalent	45~50 HRC	Trivalent Chromate	1018 Carbon Steel or Equivalent	Trivalent Chromate
	SHANS	420J2 Stainless Steel	45 HRC~	—	304 Stainless Steel or Equivalent	–
Coarse Thread	HANB	1045 Carbon Steel or Equivalent	45~50 HRC	Trivalent Chromate	1018 Carbon Steel or Equivalent	Trivalent Chromate
	SHANB	420J2 Stainless Steel	45 HRC~	—	304 Stainless Steel or Equivalent	–



Stainless Steel Hardened Type (SHANS and SHANB) may be discolored by hardening.
* Hardness: Hardened Tip

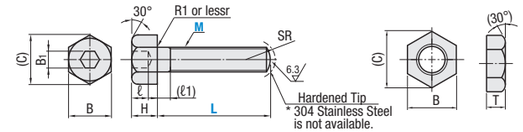
Part Number: Type	M	L Selection	M x Pitch: Fine Thread	M x Pitch: Coarse Thread	B_1	ℓ	E	D	SR	t	B	(C)	T
Fine	4	15 20 25 30	4 x 0.5	4 x 0.7	2	2.2	4	3	4	2.5	7	8.1	4
HANS	5	15 20 25 30 40	5 x 0.5	5 x 0.8	2.5	2.8	4	4	5	3	8	9.2	
SHANS	6	20 25 30 40 50	6 x 0.75	6 x 1.0	3	3	5	4.5	6	3	10	11.5	
Coarse	8	25 30 40 50	8 x 0.75	8 x 1.25	4	4	6	6	8	4	13	15	5
HANB	10	30 40 50 60	10 x 1.0	10 x 1.5	5	5	8	8	10	6	17	19.6	6
SHANB	12	40 50 60	12 x 1.0	12 x 1.75	6	6	10	9	12	7	19	21.9	

For orders larger than indicated quantity, please request a quotation.

Adjusting Stopper Screws – Hex Bolt

RoHS10 Product Numbers in ▭ are not RoHS compliant

Adjusting Stopper	Type	Material	Hardness*	Surface Treatment	Accessories (Nut 1 pc.): Material	Accessories (Nut 1 pc.): Surface Treatment
Fine Thread	ANH	4137 Alloy Steel	45~50 HRC	Bright Chromate Plating	1018 Carbon Steel or Equivalent	Trivalent Chromate
	SANH	410 Stainless Steel	45~50 HRC	—	304 Stainless Steel or Equivalent	—
Coarse Thread	ANHN	4137 Alloy Steel	45~50 HRC	Bright Chromate Plating	1018 Carbon Steel or Equivalent	Trivalent Chromate
	ANHNS	304 Stainless Steel	—	—	304 Stainless Steel or Equivalent	—
	SANHN	410 Stainless Steel	45~50 HRC	—		



Stainless Steel Hardened Type (SANH and SANHN) may be discolored by hardening.
* Hardness: Hardened Tip

The outer hex head (B) and the hex socket (B_1) are not aligned.

Part Number: Type	M	L Selection	M x Pitch: Fine Thread	M x Pitch: Coarse Thread	T: Fine Thread	T: Coarse Thread	B	(C)	B1	H	ℓ	$(ℓ_1)$	SR	Available Types: ANH, ANHN	Available Types: ANHNS	Available Types: SANH, SANHN
Fine	3	15 20 25 30 35 40	—	3 x 0.5	—	2.4	5.5	6.4	1.5	2	0.7	3	3	•	•	•
ANH	4	15 20 25 30 35 40 45 50 60	4 x 0.5	4 x 0.7	4	3.2	7	8.1	2.5	2.8	1.3	3	4	•	•	•
SANH	5	15 20 25 30 35 40 45 50 60	5 x 0.5	5 x 0.8		4	8	9.2	3	3.5	2	3	5	•	•	•
Coarse	6	20 25 30 35 40 45 50 60	6 x 0.75	6 x 1.0		5	10	11.5	4	4	2.5	5	6	•	•	•
ANHN	8	25 30 35 40 45 50 60	8 x 0.75	8 x 1.25	5	6.5	13	15	5	5.5	3	5	8	•	•	•
ANHNS	10	30 35 40 45 50 60 70	10 x 1.0	10 x 1.5	6	8	17	19.6	6	7	4	5	10	•	•	•
SANHN	12	35 40 45 50 60 70 80	12 x 1.0	12 x 1.75		10	19	21.9	8	8	5	10	12	•	•	•
M3–12 for ANHNS	16	40 45 50 60 70 80 100	16 x 1.5	16 x 2.0	8	13	24	27.7	10	10	6	10	16	•	—	•
	20	45 50 60 70 80 100120	20 x 1.5	20 x 2.5	10	16	30	34.6	14	13	7.4	10	20	•	—	•

M3 is not available for Fine Thread (ANH and SANH).
For orders larger than indicated quantity, please request a quotation.

Part Number Example

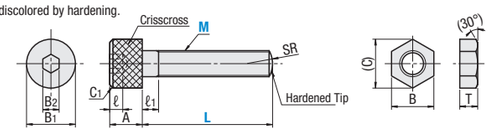
Part Number	-	L
HANS6	-	30

Adjusting Stopper Screws – Knurled Knobs Type

RoHS10

Adjusting Stopper	Type	Material	Hardness*	Surface Treatment	Accessories (Nut 1 pc.): Material	Accessories (Nut 1 pc.): Surface Treatment
Fine Thread	ANKSB	4137 Alloy Steel	45~50 HRC	Black Oxide	1018 Carbon Steel or Equivalent	Trivalent Chromate
	ANKSM			Electroless Nickel Plating		
	ANKSS	410 Stainless Steel		—	304 Stainless Steel or Equivalent	—
Coarse Thread	ANKB	4137 Alloy Steel		Black Oxide	1018 Carbon Steel or Equivalent	Trivalent Chromate
	ANKM			Electroless Nickel Plating		
	ANKS	410 Stainless Steel		—	304 Stainless Steel or Equivalent	—

Stainless Steel Hardened Type (ANKSS and ANKS) may be discolored by hardening.
* Hardness: Hardened Tip



Part Number: Type	M	L Selection	M x Pitch: Fine Thread	M x Pitch: Coarse Thread	B_1	B_2	A	ℓ	$ℓ_1$	SR	B	(C)	T
	3	15 20 25	3 x 0.35	3 x 0.5	10	2	7	2	1.6	3	5.5	6.4	2.4
	4	15 20 25	4 x 0.5	4 x 0.7	10	2.5	7	2.5	1.6	4	7	8.1	3.2
Fine ANKSB Coarse ANKB	5	20 25 30 40	5 x 0.5	5 x 0.8	15	3	15	3	2	5	8	9.2	4
	6	20 25 30 40	6 x 0.75	6 x 1.0	15	4	15	4	2	6	10	11.5	5
ANKSM ANKM	8	30 40 50 60	8 x 0.75	8 x 1.25	15	5	15	5	2.5	8	13	15	6.5
ANKSS ANKS	10	30 40 50 60	10 x 1.0	10 x 1.5	20	6	25	5	3	10	17	19.6	8
	12	40 50 60 80	12 x 1.0	12 x 1.75	20	8	25	6	3	12	19	21.9	10

Part Number Example

Part Number	-	L
ANKB6	-	20