

Posts for Tension Springs

Hole / Notched Type

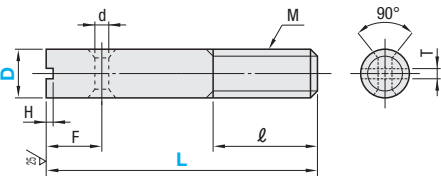
Posts for Tension Springs

L-Shaped / Hex Socket Type / Hex Type

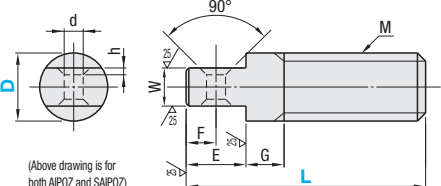


Hole

Straight, ℓ Dimension Selectable
ASPO SASPO (Stainless Steel)

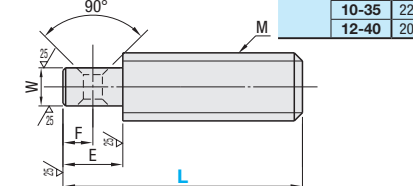


Wrench Flats
AIPO SAIPO (Stainless Steel)



(Above drawing is for both AIPOZ and SAIPOZ)

Wrench Flats, Full Thread under Head
AIPOZ SAIPOZ (Stainless Steel)



Type	M	Material	S	Surface Treatment	A	Accessory / Material
ASPO	EN 1.1191	EN 1.1191	Black Oxide	Nut 1 pc. JIS-SWCH		Equiv. (JIS Class 1)
AIPO	EN 1.4305	EN 1.4305		Nut 1 pc. EN 1.4301		Equiv. (JIS Class 1)
SAIPO	EN 1.4301	EN 1.4301		Nut 1 pc. EN 1.4301		Equiv. (JIS Class 1)

The ℓ dimensions marked with * in the specification table are for dimensions in the right table.

Type	D-L	ℓ
ASPO	3-10	5
ASPO	5-15	8
ASPO	6-20	12
ASPO	8-20	11
ASPO	8-25	16
ASPO	10-30	17
ASPO	10-35	22
ASPO	12-40	20

Part Number		L										M	ℓ^*	F	H	T	d	ASPO	SASPO
Type	D											(Coarse)						Unit Price	Volume Discount Rate
ℓ Dimension Selectable	3	10	15	20	25	30	35	40				M3		3	1.0		1.5	1 ~ 49 pc(s)	50 ~ 100 pcs
	4	15	20	25	30	35	40	50				M4	10				2.0		
	5	15	20	25	30	35	40	50				M5		5	2.0		3.0		
	6	20	25	30	35	40	45	50	60			M6	16				4.0		
	8	20	25	30	35	40	45	50	60	70		M8	20	6			6.0		
	10	30	35	40	45	50	60	70				M10	25	7	2.5		8.0		
ASPO	12	40										M12	30	9		1.8	6.0		

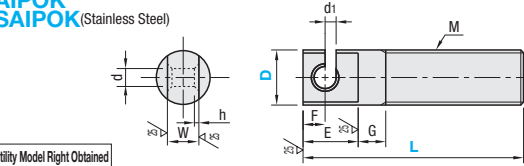
Part Number		L										M	d	W	G	E	F	h	AIPO	SAIPO	
Type	D											(Coarse)								Unit Price	Volume Discount Rate
Wrench Flats AIPO SAIPO (Stainless Steel)	3	15	20	25	30						M3	1.5	3	3.0	1.5	0.2		1 ~ 49 pc(s)	50 ~ 100 pcs		
	4	15	20	25	30	35						M4	2.5	3.5	1.75	0.3					
	5	15	20	25	30	35	40					M5	3.0	4.0	2.0	0.4					
	6		20	25	30	35	40	50				M6	3.5	5.0	2.5	0.5					
	8		20	25	30	35	40	50	60	70	M8	3.0	5.0	7.0	3.5	1.0					
	10				30	35	40	50	60	70	M10	4.0	6.0	10.0	4.0	1.2					
	12				35	40	50	60	70		M12	5.0	7.0	12.0	5.0	1.4					

Part Number		L										M	d	W	E	F	h	AIPOZ	SAIPOZ
Type	D											(Coarse)						Unit Price	Volume Discount Rate
Full Thread under Head	3	10	15	20	25							M3	1.5	1.5	3.0	1.5	0.2	1 ~ 49 pc(s)	50 ~ 100 pcs
	4	10	15	20	25	30						M4	2.5	3.0	3.5	1.75	0.3		
	5	10	15	20	25	30	35					M5	3.0	4.0	2.0	0.4			
	6	15	20	25	30	35	45					M6	3.5	5.0	2.5	0.5			
	8	15	20	25	30	35	45	55	65			M8	3.0	5.0	7.0	3.5	1.0		
	10	25	30	35	45	55	65					M10	4.0	6.0	10.0	4.0	1.2		
AIPOZ	12	45	55	65								M12	5.0	7.0	12.0	5.0	1.4		



Notched Type **RoHS 10**

AIPOK SAIPOK (Stainless Steel)



Utility Model Right Obtained

Type	M	Material	S	Surface Treatment	A	Accessory / Material
AIPOK	EN 1.1191	EN 1.1191	Black Oxide	Nut 1 pc. JIS-SWCH		Equiv. (JIS Class 1)
SAIPOK	EN 1.4301	EN 1.4301		Nut 1 pc. EN 1.4301		Equiv. (JIS Class 1)

Part Number		L										M	d	d ₁	W	G	E	F	h	Working Max. Load N	AIPOK		SAIPOK		
Type	D											(Coarse)									Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
Notched Type AIPOK SAIPOK (Stainless Steel)	4	15	20	25	30						M4	1.5	2.5	5	3.5	1.75	0.3	80	50	1 ~ 49 pc(s)	50 ~ 100 pcs	1 ~ 49 pc(s)	50 ~ 100 pcs		
	5	15	20	25	30	40					M5	2.0	3.0		4.0	2.0	0.4	115	72						
	6		20	25	30	40	50					M6			3.5	5.0	2.5	0.5	179	113					
	8			25	30	40	50	60	70			M8	3.0		1.5	5.0	7.0	3.5	1.0	300	189				
	10				30	40	50	60	70			M10	4.0		2.0	6.0	10.0	4.0	1.2	433	273				
	12					40	50	60	70			M12	5.0		2.5	7.0	12.0	5.0	1.4	590	-			-	-



Ordering Example

Part Number

ASPO5 - 20

AIPOK8 - 40

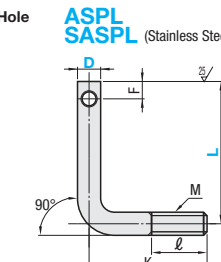
L

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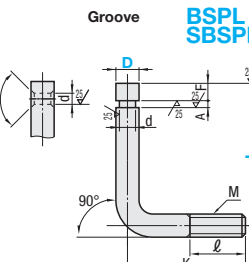


L-Shaped

Hole **ASPL SASPL** (Stainless Steel)



Groove **BSPL SBSPL** (Stainless Steel)



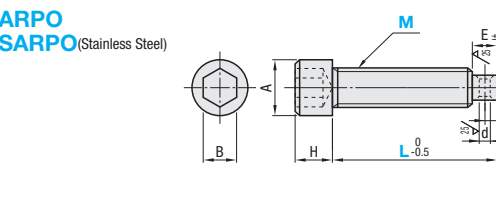
Type	M	Material	S	Surface Treatment	A	Accessory / Material
ASPL	EN 1.1191	EN 1.1191	Black Oxide	Nut 1 pc. JIS-SWCH		Equiv. (JIS Class 1)
BSPL	EN 1.4301	EN 1.4301		Nut 1 pc. EN 1.4301		Equiv. (JIS Class 1)

Part Number								M	K	ℓ	A	F		d		ASPL		SASPL		BSPL		SBSPL	
Type	D	L						(Coarse)				ASPL SASPL	BSPL SBSPL	ASPL SASPL	BSPL SBSPL	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Hole	L-Shaped	3	10	15				M3			1.0		1.5	1.5	1.8	1 ~ 49 pc(s)	50 ~ 100 pcs	1 ~ 49 pc(s)	50 ~ 100 pcs	1 ~ 49 pc(s)	50 ~ 100 pcs	1 ~ 49 pc(s)	50 ~ 100 pcs
	ASPL	4	15	20	25			M4	20	10	1.2	3	3		2.0								
		5		20	25	30		M5			2.0			2.0	3.0								
Groove	(Stainless Steel)	6		20	25	30		M6	30	16		5			3.6								
	BSPL	8			25	30		M8	40	20	3.0	6	4	3.0	5.0								
		10				30	40	M10	50	25		7		4.0	6.0					-	-		
		12				30	40	M12	60	30	4.0	9		6.0	6.5					-	-		
	(Stainless Steel)																						



Hex Socket Type

ARPO SARPO (Stainless Steel)



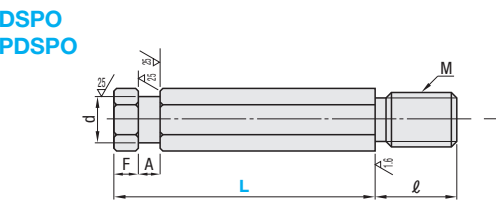
Type	M	Material	S	Surface Treatment	A	Accessory / Material
ARPO	EN 1.7220	EN 1.7220	Black Oxide	Nut 1 pc. JIS-SWCH		Equiv. (JIS Class 3)
SARPO	EN 1.4301	EN 1.4301		Nut 1 pc. EN 1.4301		Equiv. (JIS Class 3)

Part Number												d	D	E	F	A	B	H	ARPO		SARPO		
Type	M	L																		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
												1 ~ 49 pc(s)	50 ~ 100 pcs							1 ~ 49 pc(s)	50 ~ 100 pcs		
Hex Socket ARPO	4	15	20	25	30						1.5	3.0	3	1.5	7	3	4						
	5	15	20	25	30	35	40					2	3.8	4	2	8.5	4	5					
	6		20	25	30	35	40						4.5			10	5	6					
SARPO (Stainless Steel)	8		20	25	30	35	40	50				3	6.1	7	3.5	13	6	8					
	10					30	35	40	50	60		4	7.8	10	4	16	8	10					
	12						40	50	60				5	9.5	12	5	18	10	12				



Hex Type

DSPO PDSP0



Type	M	Material	S	Surface Treatment
DSPO		Free Cutting Steel		Black Oxide
PDSP0		Steel		Electroless Nickel Plating

Part Number		L										M	(C)	ℓ	A	F	d	DSPO	PDSP0
Type	B											(Coarse)						Unit Price	Volume Discount Rate
DSPO	3	10	15									M3	3.5	6	1.0	3	1.8	1 ~ 49 pc(s)	50 ~ 100 pcs
	4	10	15	20								M4	4.6	8	1.2	2.0			
	5	10	15	20								M5	5.8	10	2.0	3.0			
	6	10	15	20	25							M6	6.9	12		3.6			
	8	10	15	20	25	30						M8	9.2	16	3.0	5.0			
	10	15	20	25	30							M10	11.5	20		6.0			
PDSP0	12	20	25	30								M12	13.9	24	4.0	6.5			



Ordering Example

Part Number

ASPL4 - 15

ARPO6 - 20

DSPO8 - 25

L