

Posts for Tension Springs

Hole / Notched Type

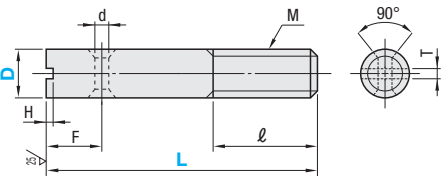
Posts for Tension Springs

L-Shaped / Hex Socket Type / Hex Type

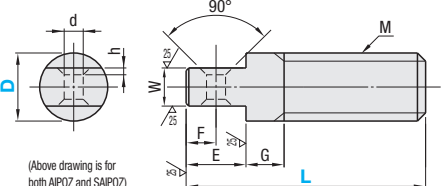


Hole

Straight, ℓ Dimension Selectable
ASPO SASPO (Stainless Steel)

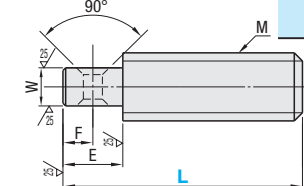


Wrench Flats
AIPO SAIPO (Stainless Steel)



(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	S45C Equivalent	Black Oxide	Nut 1 pc. SWCH Equivalent (JIS Class 1)
AIPO	SUS303	-	-
SAPO	SUS304	-	Nut 1 pc. SUS304 Equivalent (JIS Class 1)
APOZ	SUS304	-	Nut 1 pc. SUS304 Equivalent (JIS Class 1)

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

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

Part Number												M	ℓ^*	F	H	T	d	ASPO		SASPO	
Type	D											(Coarse)						Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
ℓ Dimension Selectable ASPO SASPO (Stainless Steel)	3	10	15	20	25	30	35	40			M3	10	3	1.0	1.2	1.5	1 - 49 pc(s)	50 - 100 pcs.	1 - 49 pc(s)	50 - 100 pcs.	
	4	15	20	25	30	35	40	50		M4											
	5	15	20	25	30	35	40	50		M5	5	2.0	2.0								
	6	20	25	30	35	40	45	50	60	M6	16										
	8	20	25	30	35	40	45	50	60	70	M8	20	6	3.0							
	10	30	35	40	45	50	60	70	M10	25	7	2.5	4.0								
	12	40	50	60	70			M12	30	9		1.8	6.0								

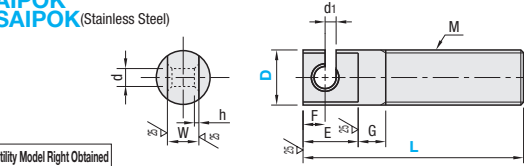
Part Number		L										M (Coarse)	d	W	G	E	F	h	AIPO Unit Price 1 ~ 49 pc(s)	SAIPO Unit Price 1 ~ 49 pc(s)	AIPO Volume Discount Rate 50 ~ 100 pcs.	SAIPO Volume Discount Rate 50 ~ 100 pcs.
Type	D																					
Wrench Flats AIPO SAIPO (Stainless Steel)	3	15	20	25	30						M3	1.5	1.5	3	3.0	1.5	0.2					
	4	15	20	25	30	35						M4		2.5		3.5	1.75	0.3				
	5	15	20	25	30	35	40					M5	2.0	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	5	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												M	d	W	E	F	h	AIPOZ		SAIPOZ		
Type	D	L										(Coarse)							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
																			1 ~ 49 pc(s)	50 ~ 100 pcs.	1 ~ 49 pc(s)	50 ~ 100 pcs.
Full Thread under Head AIPOZ SAIPOZ (Stainless Steel)	3	10	15	20	25						M3	1.5	1.5	3.0	1.5	0.2						
	4	10	15	20	25	30					M4		2.5	3.5	1.75	0.3						
	5	10	15	20	25	30	35					M5	2.0	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							
	12							45	55	65	M12	5.0	7.0	12.0	5.0	1.4						



Notched Type **RoHS10**

AIPOK
SAIPOK (Stainless Steel)



Utility Model Right Obtained

Type	M Material	S Surface Treatment	A Accessory / Material
AIPOK	S45C Equivalent	Black Oxide	Nut 1 pc. SWCH Equivalent (JIS Class 1)
SAIPOK	SUS304	-	Nut 1 pc. SUS304 Equivalent (JIS Class 1)

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

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

Part Number		L										M (Coarse)	d	d ₁	W	G	E	F	h	Working Max. Load N	AIPOK		SAIPOK					
Type	D																				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	1.0		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 - L

ASPO5 - 20

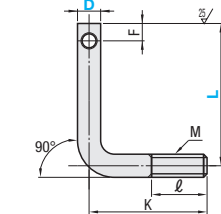
AIPOK8 - 40

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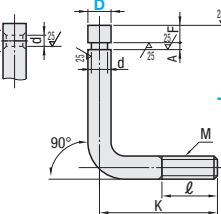


L-Shaped

Hole **ASPL SASPL** (Stainless Steel)



Groove **BSPL SBSPL** (Stainless Steel)



Type	M Material	S Surface Treatment	A Accessory / Material
ASPL	S45C Equivalent	Black Oxide	Nut 1 pc. SWCH Equivalent (JIS Class 1)
BSPL	SUS304	-	Nut 1 pc. SUS304 Equivalent (JIS Class 1)

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

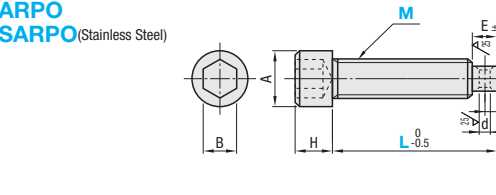
Type	D-L	ℓ
ASPL SASPL	3-10	5
	5-15	8
	6-20	12
	8-20	11
	8-25	16
	10-30	17
	10-35	22
	12-40	20

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
L-Shaped Hole	3	10	15				M3			1.0		1.5	1.5	1.8								
	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								
	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					-	-



Hex Socket Type

ARPO
SARPO (Stainless Steel)



Type	M Material	S Surface Treatment	A Accessory / Material
ARPO	SCM435	Black Oxide	Nut 1 pc. SWCH Equivalent (JIS Class 3)
SARPO	SUS304	-	Nut 1 pc. SUS304 Equivalent (JIS Class 3)

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

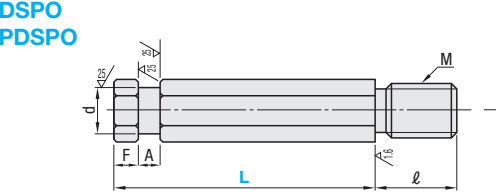
Type	D-L	ℓ
ARPO SARPO	3-10	5
	5-15	8
	6-20	12
	8-20	11
	8-25	16
	10-30	17
	10-35	22
	12-40	20

Part Number		L						d	D	E	F	A	B	H	ARPO		SARPO			
Type	M														Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
Hex Socket ARPO SARPO (Stainless Steel)	4	15	20	25	30				1.5	3.0	3	1.5	7	3	4	1 ~ 49 pcs	50 ~ 100 pcs.	1 ~ 49 pcs	50 ~ 100 pcs.	
	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					
	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	A Accessory / Material
DSPO	SUM	Black Oxide	-
PDSP0	SUS304	-	Electroless Nickel Plating

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

Type	D-L	ℓ
DSPO PDSP0	3-10	5
	5-15	8
	6-20	12
	8-20	11
	8-25	16
	10-30	17
	10-35	22
	12-40	20

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