

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)

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

(Above drawing is for both AIPOZ and SAIPOZ)

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

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

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

Part Number		L		M (Coarse)	ℓ^*	F	H	T	d	ASPO		SASPO					
Type	D									Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate				
ℓ Dimension Selectable	3	10	15	20	25	30	35	40	M3	10	3	1.0	1.5				
	4	15	20	25	30	35	40	50	M4	10	5	2.0	2.0				
	5	20	25	30	35	40	50	60	M5	10	5	2.0	2.0				
	6	25	30	35	40	45	50	60	M6	16	6	2.5	3.0				
	8	30	35	40	45	50	60	70	M8	20	6	3.0	4.0				
	10	35	40	45	50	60	70	80	M10	25	7	4.0	5.0				
	12	40	50	60	70	80	90	100	M12	30	9	5.0	6.0				
	1 ~ 49 pcs										50	100	pcs	1 ~ 49 pcs	50	100	pcs

Part Number		L		M (Coarse)	d	W	G	E	F	h	AIPO		SAIPO			
Type	D										Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
Wrench Flats	3	15	20	25	30	M3	1.5	1.5	3	3.0	1.5	0.2				
	4	20	25	30	35	M4	2.0	2.5	4	4.0	1.75	0.3				
	5	25	30	35	40	M5	2.5	3.0	5	5.0	2.0	0.4				
	6	30	35	40	50	M6	3.0	3.5	6	6.0	2.5	0.5				
	8	35	40	50	60	M8	4.0	5.0	8	8.0	3.5	1.0				
	10	40	50	60	70	M10	5.0	6.0	10	10.0	4.0	1.2				
	12	45	55	65	70	M12	6.0	7.0	12	12.0	5.0	1.4				
1 ~ 49 pcs										50	100	pcs	1 ~ 49 pcs	50	100	pcs

Part Number		L		M (Coarse)	d	W	E	F	h	AIPOZ		SAIPOZ				
Type	D									Unit Price	Volume Discount Rate	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					
	4	15	20	25	30	M4	2.0	2.5	4.0	1.75	0.3					
	5	20	25	30	35	M5	2.5	3.0	5.0	2.0	0.4					
	6	25	30	35	45	M6	3.0	3.5	6.0	2.5	0.5					
	8	30	35	45	55	M8	4.0	5.0	8.0	3.5	1.0					
	10	35	45	55	65	M10	5.0	6.0	10.0	4.0	1.2					
	12	45	55	65	70	M12	6.0	7.0	12.0	5.0	1.4					
1 ~ 49 pcs										50	100	pcs	1 ~ 49 pcs	50	100	pcs

Notched Type **RoHS 10**

AIPOK SAIPOK (Stainless Steel)

Utility Model Right Obtained

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

Part Number		L		M (Coarse)	d	d1	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	4	15	20	25	30	M4	1.5	2.5	3.5	1.75	0.3	80	50					
	5	20	25	30	40	M5	2.0	3.0	4.0	2.0	0.4	115	72					
	6	25	30	40	50	M6	2.5	3.5	5.0	2.5	0.5	179	113					
	8	30	40	50	60	M8	3.0	4.0	7.0	3.5	1.0	300	189					
	10	35	45	55	65	M10	4.0	5.0	10.0	4.0	1.2	433	273					
	12	45	55	65	70	M12	5.0	6.0	12.0	5.0	1.4	590						
	1 ~ 49 pcs												50	100	pcs	1 ~ 49 pcs	50	100

Ordering Example: Part Number - L
 ASPO5 - 20
 AIPOK8 - 40

L-Shaped

Hole **ASPL SASPL** (Stainless Steel)

Groove **BSPL SBSPL** (Stainless Steel)

Type	M	Material	Surface Treatment	Accessory / Material
ASPL BSPL	EN 1.1191 Equiv.	EN 1.4305 Equiv.	Black Oxide	Nut 1 pc. JIS-SWCH Equiv. (JIS Class 1)
SASPL SBSPL	EN 1.4301 Equiv.	-	-	Nut 1 pc. EN 1.4301 Equiv. (JIS Class 1)

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

Hex Socket Type

ARPO SARPO (Stainless Steel)

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

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	4	15	20	25	30	1.5	3.0	3	1.5	7	3	4	5			
	5	20	25	30	35	2	3.8	4	2	8.5	4	5				
	6	20	25	30	35	40	4.5	4	2	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	70	5	9.5	12	5	18	10	12				
1 ~ 49 pcs										50	100	pcs	1 ~ 49 pcs	50	100	pcs

Hex Type

DSPO PDSPO

Type	M	Material	Surface Treatment	Accessory / Material
DSPO PDSPO	-	-	Free Cutting Steel	Black Oxide Electroless Nickel Plating

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

Ordering Example: Part Number - L
 ASPL4 - 15
 ARPO6 - 20
 DSPO8 - 25

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