

# Posts for Tension Springs

## Groove Type / Roller Type

**■ Groove Type**

RoHS10

**ℓ Dimension Selectable**  
**BSPO**  
**SBSP0**  
(Stainless Steel)

**Full Thread under Head**  
**BSPOZ**  
**SBSP0Z**  
(Stainless Steel)

∇ ( 25 / ∇ )

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

Type	D-L	ℓ
BSPO	5-15	8
	6-15	7
	6-20	12
SBSP0	8-20	11
	8-25	16
	10-30	17
	10-35	22
	12-40	20

Type	M Material	S Surface Treatment	A Accessory / Material
BSPO	S45C Equivalent	Black Oxide	Nut 1 pc. (JIS Class 1) SWCH Equivalent
SBSP0Z	SUS303	-	Nut 1 pc. (JIS Class 1) SUS304 Equivalent

Part Number	Type	D	L												M (Coarse)	ℓ*	A	F	H	T	d	BSPO		SBSP0	
			15	20	25	30	35	40	45	50	60	70	80	90								Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
ℓ Dimension Selectable <b>BSPO</b> <b>SBSP0</b> (Stainless Steel)	3	3	15	20	25	30	35	40	M3	10	1.0	3	1.0	1.2	1.8										
	4	4	15	20	25	30	35	40	50	M4	1.2				2.0										
	5	5	15	20	25	30	35	40	50	M5	2.0			3.0											
	6	6	15	20	25	30	35	40	45	50	60	M6	16	2.0	4	2.0	3.6								
	8	8	20	25	30	35	40	45	50	60	70	M8	20	3.0	4	2.5	5.0								
	10	10	30	35	40	45	50	60	70	M10	25			2.5	6.0										
12	12	40	50	60	70	M12	30	4.0				1.8	6.5												

Part Number	Type	D	L												M (Coarse)	A	F	H	T	d	BSPOZ		SBSP0Z	
			10	15	20	25	30	35	45	55	65	75	85	95							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Full Thread under Head <b>BSPOZ</b> <b>SBSP0Z</b> (Stainless Steel)	3	3	10	15	20	25	M3	1.0	3	1.0	1.2	1.8												
	4	4	10	15	20	25	30	M4	1.2				2.0											
	5	5	15	20	25	30	35	M5	2.0			3.0												
	6	6	20	25	30	35	45	M6		4	2.0	3.6												
	8	8	25	30	35	45	55	65	M8	3.0	4	2.5	5.0											
	10	10	30	35	45	55	65	M10			2.5	6.0												
12	12	35	45	55	M12	4.0			1.8	6.5														

Ordering Example: **Part Number** - **L**  
**BSPO8** - **40**

**■ Roller Type**

RoHS10

**YSP0**  
**YJPO**

Components	Material / Treatment	YSP0	YJPO
① Roller	M Material	SUS303	Polyacetal (White)
	S Surface Treatment	Electroless Nickel Plating	-
② Main Body, Washer	M Material	S45C	SUS303
	S Surface Treatment	Electroless Nickel Plating	-
③ Screw	M Material	SUSXM7	SUSXM7

Part Number	Type	D	Mounting Length (L)	① Roller				② Main Body, Washer				Accessory ③ Screw	Applicable Tension Spring	Unit Price	Volume Discount Rate		
				L1	D1	d	R	L2	Y	M	E				11-20	21-50	51-100
<b>YSP0</b> <b>YJPO</b>	8	8	8	2.5	5.5	4.5	1	5.5	5.5	M4	10	7	D 8				
	9	9	3	6.5	5.5	1.5	6.5	6	M5		8	D9 · D10					
	12	11		8	7		7.5	7.5	M6	12		D12 · D14					
	15	13	3.5	10	8	2	7.5	9.5	M6		10	D16 · D18					
	18	16	4	13	11	2.5	8.5	12	M8	16	13	D20 · D24					

Ordering Example: **Part Number**  
**YSP012**

Alterations

Alterations	Y Dimensions	E Dimensions
<b>Code</b>	<b>YC</b>	<b>EC</b>
<b>Spec.</b>	Changes Y dimension. Y < YC ≤ 30 Specify in 1mm Increment	Changes E dimension. M ≤ EC ≤ Mx5 Specify in 1mm Increment

**Part Number** - **YC/EC**  
**YSP09** - **YC10**