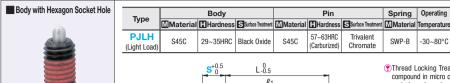
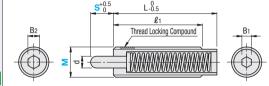
## **Spring Plungers**

With Hex Socket Hole / Hex Nose

## **Features:** As it can be fixed with a hex wrench from the top, no dedicated wrench is required.



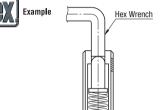


Thread Locking Treatment is where anaerobic thread locking compound in micro capsules is used to retain the threads. Once narts have been loosened, adhesion is lost. Use an anaerobic thread locking compound when reassembling.

The thread locking is most effective by leaving the parts for 72 hours or more in 25°C. It should be noted if the parts are left for short period of time and in low temperature, the thread locking compound will be less-effective.

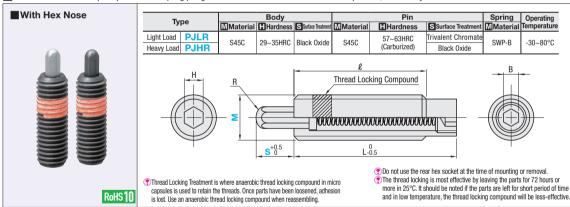
Do not use the rear hex socket at the time of mounting or removal

Part Number		s	d	ℓ1	1	B <sub>1</sub>	<b>B</b> 2	For Light L	Unit Drice	
Type	Type M		u		_	Dī		min.	max.	Unit Price
	8	3	3	25	25	2.5	3	5.8 {0.6}	9.8 {1.0}	
	, °	5	ا	25	25	2.5	3	2.7 {0.3}	9.8 {1.0}	
PJLH	10	5	4	30	34	3	4	5.8 {0.6}	14.7 {1.5}	
PJLH		10	4	30	38	3		2.6 (0.3)	14.7 {1.5}	
	10	5	5	35	35	4	5	5.6 (0.6)	14.7 {1.5}	
	12	10	ا	ან	40	4	3	3.0 {0.3}	19.7 {2.0}	



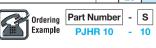


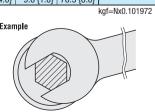
**Features:** The hex shape of pin allow this spring plunger to be installed with socket wrenches or spanners, without any dedicated wrenches.



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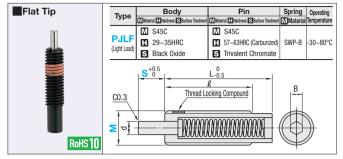
Part Number			M Ditala						Light	Load	Heavy	Load	
Туре	М	S	M x Pitch (Coarse)	Н	R	l	L	В			Unit Price		
туре	IVI		(Obarse)						min.	max.	min.	max.	
	10	5	10x1.5	4	2.2	30	30	3	5.9 {0.6}	14.7 {1.5}	8.8 (0.9)	49.0 (5.0)	
	10	10	1001.5				43	٥	2.9 {0.3}	14.7 {1.5}	7.8 {0.8}	49.0 (5.0)	
		5	0 12x1.75	5	2.9	35	30		5.9 {0.6}	14.7 {1.5}	18.6 (1.9)	49.0 (5.0)	
PJLR	12	10					43	4	2.9 (0.3)	19.6 (2.0)	7.8 {0.8}	49.0 (5.0)	
PJHR		15					51	1	2.9 {0.3}	19.6 {2.0}	4.9 {0.5}	49.0 (5.0)	
		10					60		5.9 {0.6}	39.2 {4.0}	12.7 (1.3)	78.5 {8.0}	
	16	15	16x2.0	7	4.1		60	5	3.9 {0.4}	39.2 {4.0}	12.7 {1.3}	78.5 {8.0}	
		20	1				85		4.9 {0.5}	39.2 {4.0}	9.8 {1.0}	78.5 {8.0}	





## **Spring Plungers**

Flat Tip, For Inclined Surface, Flanged



For Inclined Surface	Туре	Body Material Hardness SSurface Treatment	Pin Material #Hardness SSurface Treatment	Spring Material	Operating Temperature
	PJHZ	M S45C H 29~35HRC S Black Oxide	M S45C H 50HRC~ (Carburized) S Electroless Nickel Plating	SWP-B	-30~80°C
RoHS10	5	L -0.5	Mx P		-

## Features of PJHZ

- ①Special structure with high abrasion resistance and seizing resistance enables the use on inclines. (For conventional spring plungers, use 0°, under oil free condition; 5° or less with oil lubrication.)
- 20il free use is possible.
- ③Angle: 0~30°

Part Nu	Part Number		d	Q.	L	В	Loa	id N	Unit Price	
Type	M (Coarse)	s	u	l k	_	P	min.	max.	Ollit Price	
	5	3	2.0	20	20	1.5	2.0	9.8		
	9	5	2.0	27	27	1.5	2.0	9.8		
	6	3	2.5	25	25	2	5.9	9.8		
		5	2.5	30	30	2	2.0	9.8		
PJLF	10	3	3.1	25	25	2.5	5.9	9.8		
		5	3.1	27	27	2.5	2.9	9.8		
		5	3.8	30	30	3	5.9	14.7		
		10	10	10	3.8	30	43	3	2.9	14.7
	12	10	5.5	35	43	4	2.9	19.6		
							Lee	of Nivo	101070	

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- Thread Locking Treatment is where anaerobic thread locking compound in micro capsules is used to retain the threads
- Once parts have been losened, adhesion is lost. Use an anaerobic thread locking compound when reassembling.

  The thread locking is most effective by leaving the parts for 72 hours or more in 25°C. It should be noted if the
- parts are left for short period of time and in low temperature, the thread locking compound will be less-effective.

  Do not use the rear hex socket at the time of mounting or removal.

Part Nu	s	d	s	Q.		В	Loa	id N	Unit Price	
Type	M (Coarse)		a	3	Ł		В	min.	max.	Ollit Frice
	10	10	4	10	30	43	3	7.8	49.0	
	12	10	5	10	35	43	4	7.8	49.0	
		15		15	35	51		4.9	49.0	
<b>PJHZ</b>		10	0	10	35	60		12.7	78.5	
	16	15 20	15	35	60	60 5	12.7	78.5		
	10		٥	20	35	85	3	9.8	78.5	
		30		30	35	125		6.9	78.5	
									knf-Nx	0 101972

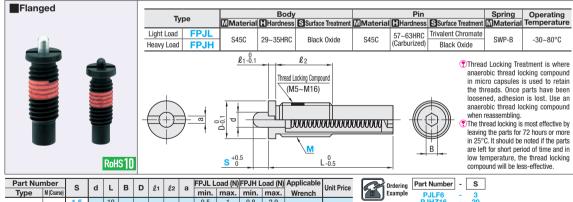
Test Conditions Press Machine : 20 TON Crank Press Cyclic Speed : 130SPM

Inclination Angle: 30°

	Lubrication	: UII-FIEE		300 A	i
	Time	Operati	ing Life		H
-	Type	Α	В	<i>           </i>	Ш
	PJHZ16-30	Over 300 thousand times or more	Over 300 thousand times or more	W//	Т
	PJH16-30	Gouging at 17,000 cycles	Gouging at 50,000 cycles	4	

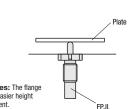
(Note) This test result was obtained in conditions specified above. The service life changes according to the usage condition

Do not use the rear hex socket at the time of mounting or removal



Part Nu	mber	s	d	L	В	D	۵.	0-	_	FPJL L	oad (N)	FPJH L	oad (N)	Applicable	Unit Pric		
Type	M (Coarse)	3	l a	-	В	D	l1 l2		а	min.	max.	min.	max.	Wrench	Unit Pric		
	3	1.5	1.1	10	0.9	5	1.5	5	0.5	0.5	1	0.8	2.9				
	3	3	1.1	15	0.9	5	1.5	3	0.5	0.3	1	0.8	2.9				
	4	2	1.6	15	1.3	6	1.8	8 6	0.7	1	2	2.9	8.8	_			
		4	1.0	24	1.3	U	1.0		0   0.7	0.6	2	2	8.8				
	5	3	2	20	1.5	7	2	8	1.2	2	9.8	4.9	19.6				
		5		27	1.5	′		o	1.2	2	9.8	2.9	19.6	PJG1			
	6	3	2.5	25	2	8		9		5.9	9.8	7.8	29.4	- FJG1			
	•	5	2.5	30		0				2	9.8	4.9	29.4				
	8	3	3.1	25	2.5	10	2.5	12	1.5	5.9	9.8	14.7	29.4				
PJL		5	3.1	27	2.5	10		2.0 12	12	'	1.5	2.9	9.8	7.8	29.4	PJG2A	
PJH	10	5 10	5 3.8	30	3	12		15		5.9	14.7	8.8	49	TOUZA			
	10		3.0	43	J	12		13		2.9	14.7	7.8	49				
		5		30				20	20	5.9	14.7	18.6	49				
	12	10	5.5	43	4	14				2.9	19.6	7.8	49	PJG3			
		15		51						2.9	19.6	4.9	49				
		10		60			3.0		2.0	5.9	39.2	12.7	78.5	PJG4			
		15		60			3.0		2.0	3.9	39.2	12.7	78.5				
	16	20	8	85	5	18		25		4.9	39.2	9.8	78.5				
		30		125						2.9	39.2	6.9	78.5				
		40	1	125						4.9	39.2	6.9	78.5				

M3 and M4 can be fixed with a flathead screwdriver.
Po not use the rear hex socket at the time of mounting or removal.



makes easier height adjustment.