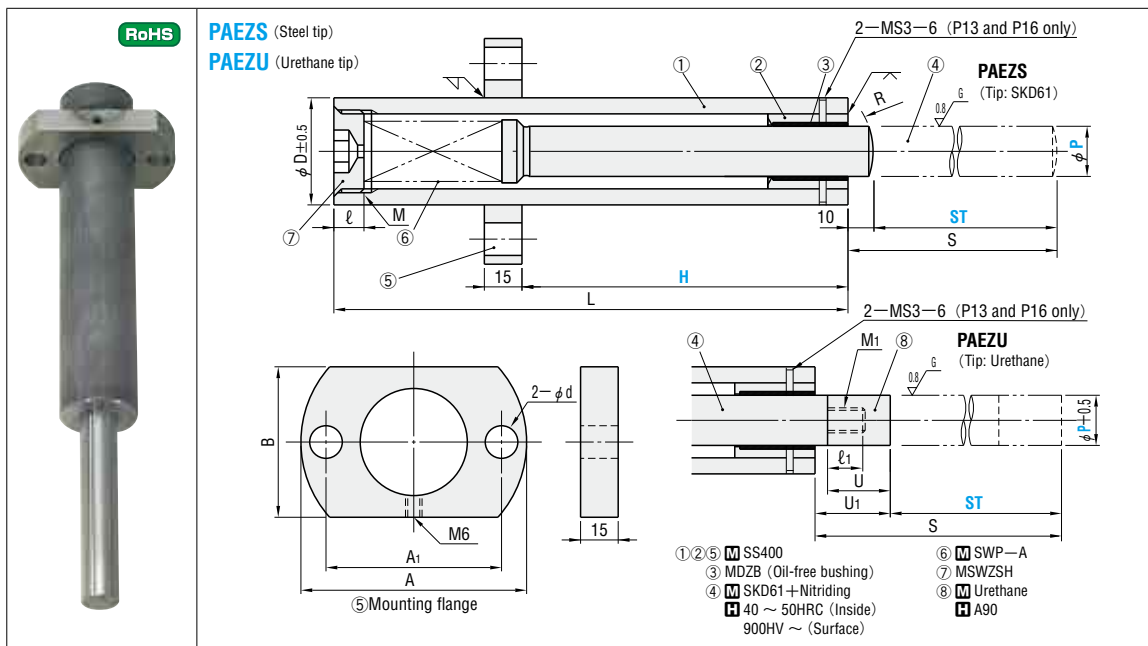


PRE-HOLDING PUSH PIN SETS

—ECONOMY TYPE—

PRE-HOLDING PUSH PIN SETS

—LONG STROKE TYPE—



① Case	④ Pushing pins					⑤ Mounting flange					Free length FL	Spring constant N/mm (kgf/mm)	Initial load N (kgf)	Maximum load N (kgf)	S		L	Catalog No.		Base unit price 1~9 pieces						
	D	l	M	R	U	U1	M1	l1	A	A1					B	d		PAEVS	PAEUV		Type	P	ST	H	PAEVS	PAEUV
27.2	10	22	20	15	20	M6	9	70	52	40	11	90	0.63 (0.064)	7.8 (0.8)	39.2 (4.0)	60	70	115	13	P	50	0~95				
																110	120	190							100	0~170
																160	170	270							150	0~250
34.0	10	26	25	20	25	M8	12	80	60	50	11	90	0.80 (0.082)	9.8 (1.0)	49.0 (5.0)	60	75	120	16	P	50	0~100				
																110	125	195							100	0~175
																160	175	275							150	0~255
																210	225	350							200	0~330
42.7	12	33	30	25	30	M10	15	90	70	60	13	90	0.95 (0.097)	9.8 (1.0)	58.8 (6.0)	60	80	130	20	P	50	0~110				
																110	130	205							100	0~185
																160	180	280							150	0~260
																210	230	360							200	0~340
																260	280	430							250	0~410

Order Catalog No. - ST - H
PAEVS 20 - 100 - 150

Days to Ship Quotation

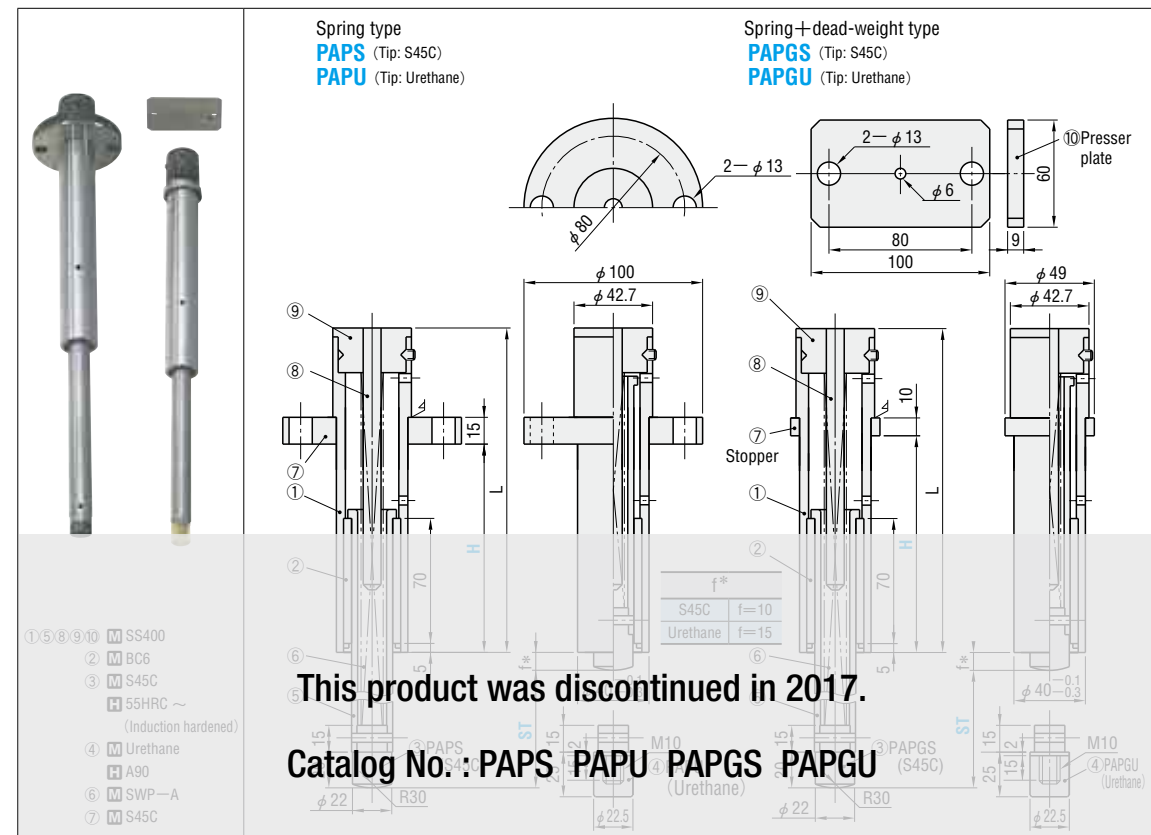
Price Quotation

Features Because the basic structure incorporates an oil-free bushing in the same way as PAPZ (P.1057).

Alterations Catalog No. - ST - H - (SC-SRC-TFC-TFS)
PAEUV 20 - 150 - 220 - SC130

Alteration	Code	Spec.	1Code
④ Pushing pin length change	SC	31 ≤ SC ≤ S 1mm increments	Quotation
④ Spherical surface machining to pushing pin tip	SRC	Pin tip is machined to SR spherical surface.	Quotation

Alteration	Code	Spec.	1Code																																				
Mounting flange change Mounting flange is changed to round flange (for old PAP20). Flange thickness 15mm Can be used for PAEVS20 and PAEUV20 only.	TFC		Quotation																																				
Mounting flange change Mounting flange is changed to one-side bolted flange. Flange thickness 15mm	TFS		Quotation																																				
		<table border="1"> <thead> <tr> <th>P</th> <th>A</th> <th>A1</th> <th>A2</th> <th>B</th> <th>B1</th> <th>B2</th> <th>d</th> <th>1Code</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>60</td> <td>20</td> <td>25</td> <td>38</td> <td>20</td> <td>11</td> <td></td> <td>Quotation</td> </tr> <tr> <td>16</td> <td>70</td> <td>25</td> <td>30</td> <td>50</td> <td>24</td> <td>11</td> <td></td> <td>Quotation</td> </tr> <tr> <td>20</td> <td>88</td> <td>30</td> <td>40</td> <td>60</td> <td>30</td> <td>13</td> <td></td> <td>Quotation</td> </tr> </tbody> </table>	P	A	A1	A2	B	B1	B2	d	1Code	13	60	20	25	38	20	11		Quotation	16	70	25	30	50	24	11		Quotation	20	88	30	40	60	30	13		Quotation	
P	A	A1	A2	B	B1	B2	d	1Code																															
13	60	20	25	38	20	11		Quotation																															
16	70	25	30	50	24	11		Quotation																															
20	88	30	40	60	30	13		Quotation																															



Spring constant N/mm (kgf/mm)	Initial load N (kgf)	Maximum load N (kgf)	Weight* [g]	L	Catalog No.		Base unit price 1~9 pieces
					Type	Stroke ST	
0.29 (0.029)	10.8 (1.1)	67 (6.9)	3550	312	PAPS PAPU	200	90~260
0.26 (0.026)	10.8 (1.1)		3800	338	PAPS PAPU	220	90~290
0.24 (0.024)	8.8 (0.9)		4020	364	PAPGS PAPGU	250	90~310
0.22 (0.022)	8.8 (0.9)		4180	390	PAPGS PAPGU	270	90~340
0.20 (0.020)	6.9 (0.7)		4400	414	PAPGS PAPGU	300	90~360

*Weight varies depending on the H dimension. (Weight of PAPGS and PAPGU)

Order Catalog No. - H
PAPU 200 - 230
PAPGS 200 - 250

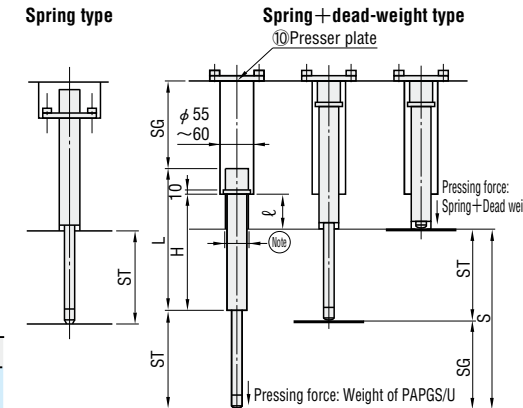
Example

Days to Ship Quotation

Price Quotation

Alterations Catalog No. - H - (SRC-PNC)
PAPGS 200 - 220 - SRC

Alteration	Code	Spec.	1Code
Spherical surface machining to tip Pin tip is machined to spherical surface of SR11 from R30. Can be used for PAPS and PAPGS only.	SRC		Quotation
Removal of presser plate from accessories Can be used for PAPGS and PAPGU only.	PNC		Quotation



Total stroke S=ST+SG
ST: Stroke of pre-holding pin
SG: Distance of movement caused by die machining

Recommended machining method for mounting holes (PAPGS, PAPGU). In order to use the die as a case guide, create smooth mounting holes using a φ40H7 reamer or end mill. (ℓ ≥ 60)

LOCATING COMPONENTS FOR AUTOMOTIVE DIES