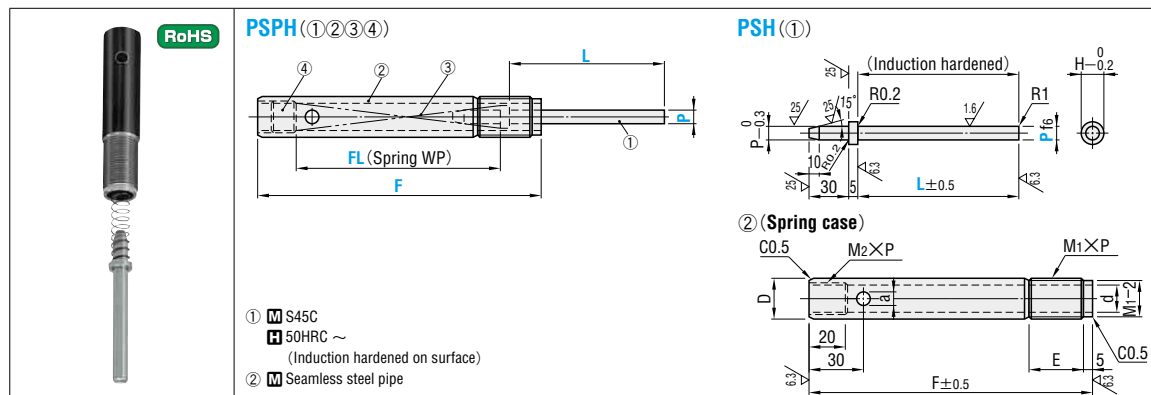


PUSHING PIN SETS

PUSH-OUT PINS / DRAWING JECTOR PINS



Catalog No.	L	F	WP	PSPH Base unit price 1~9 pieces	PSH Base unit price 1~9 pieces
Type	P		FL	L100 L150 L200	L100 L150 L200
PSPH	8	100	150	100	100
(1②③④)	10	150	200	125	125
PSH	13	200	250	175	175
(1)	16	300	300	200	200

Quotation

① PSH		② (Spring case)					③ WP		④ MSW	
Pf6	H	D	M1×P	E	M2×P	a	d	WP 8	MSW16	
8	-0.013	13	22×1.5	35	16×1.5	7	14.3	WP 8	MSW16	
10	-0.022	16	27×1.5	40	22×1.5	10	19.4	WP10	MSW22	
13	-0.016	20	30×1.5	45	24×1.5	10	22	WP13	MSW24	
16	-0.027	23	33×1.5	50	28×1.5	12	26.2	WP16	MSW28	

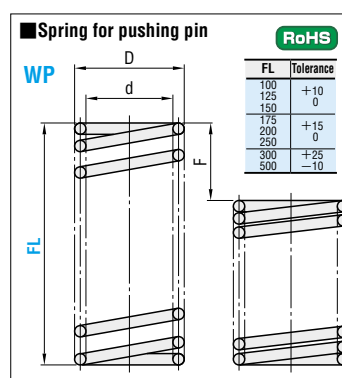
Order **Catalog No.** - L - F - FL
 PSPH 10 - 150 - 200 - 200
 PSH 13 - 200

Days to Ship **Quotation**

Price **Quotation**

Alterations **Catalog No.** - L (LC) - F (FC) - FL
 PSH 10 - LC143 - FC193 - 200
 PSH 13 - LC143

Alteration	Code	Spec.	1Code
	LC	Pushing pin ① length change 50 ≤ LC < L 1mm increments	Quotation
	FC	Spring case ② full length change FCmin. ≤ FC < F 1mm increments	



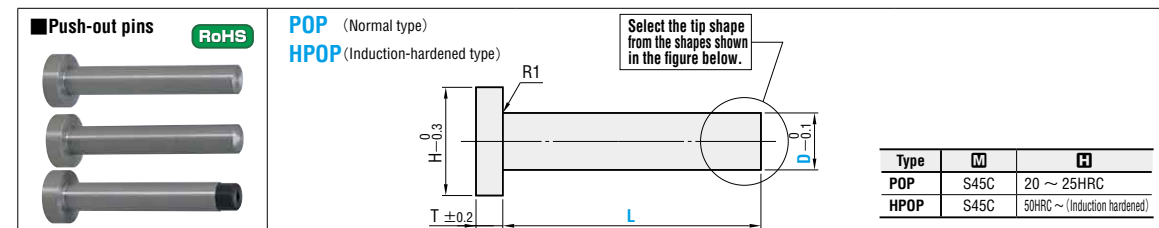
Order **Catalog No.**
 WP 13-150

Days to Ship **Quotation**

Price **Quotation**

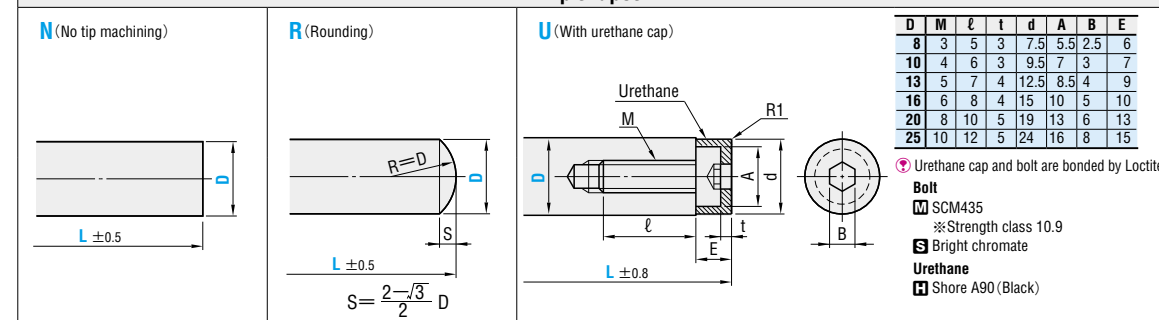
d	D	Wire diameter	Solid height	N/mm(kg/mm)	F=L×70%		Catalog No.	Base unit price 1~9 pieces
					Fmm	N(kgf)		
8.5 or more	11.5 or less	0.9	23	0.30 (0.031)	70	21.3(2.2)	WP 8 - 100	Quotation
			28	0.27 (0.028)	87.5	24.0(2.5)	125	
			33	0.23 (0.023)	105	23.7(2.4)	150	
			40	0.18 (0.018)	122.5	21.6(2.2)	175	
			46	0.16 (0.016)	140	22.0(2.2)	200	
			55	0.12 (0.012)	175	20.6(2.1)	250	
			71	0.10 (0.010)	210	20.6(2.1)	300	
10.5 or more	13.5 or less	1.0	118	0.06 (0.006)	350	20.6(2.1)	500	
			23	0.37 (0.038)	70	26.1(2.7)	WP 10 - 100	
			30	0.27 (0.028)	87.5	24.0(2.5)	125	
			35	0.24 (0.024)	105	24.7(2.5)	150	
			40	0.20 (0.020)	122.5	24.0(2.5)	175	
			45	0.18 (0.018)	140	24.7(2.5)	200	
			56	0.15 (0.015)	175	25.7(2.6)	250	
13.5 or more	17 or less	1.2	64	0.12 (0.012)	210	24.7(2.5)	300	
			106	0.08 (0.008)	350	27.5(2.8)	500	
			17	0.59 (0.060)	70	41.2(4.2)	WP 13 - 100	
			22	0.42 (0.043)	87.5	36.9(3.8)	125	
			26	0.31 (0.032)	105	33.0(3.4)	150	
			34	0.25 (0.025)	122.5	30.0(3.1)	175	
			37	0.23 (0.023)	140	31.6(3.2)	200	
16.5 or more	21 or less	1.4	42	0.19 (0.019)	175	32.6(3.3)	250	
			53	0.15 (0.015)	210	30.9(3.2)	300	
			80	0.10 (0.010)	350	34.3(3.5)	500	
			18.9	0.54 (0.055)	70	37.8(3.9)	WP 16 - 100	
			22.4	0.44 (0.045)	87.5	38.5(3.9)	125	
			25.9	0.37 (0.038)	105	38.9(3.9)	150	
			29.4	0.31 (0.032)	122.5	38.0(3.9)	175	
33.6	0.27 (0.028)	140	37.8(3.9)	200				
42	0.22 (0.022)	175	38.5(3.8)	250				
46.2	0.19 (0.019)	210	39.9(3.9)	300				
79.8	0.11 (0.011)	350	38.5(3.8)	500				

•Load (kgf)=Load (N) × 0.101972



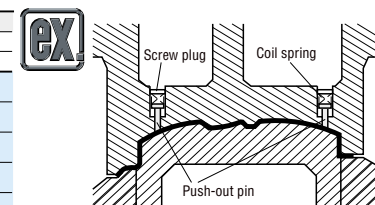
Type	M	H
POP	S45C	20 ~ 25HRC
HPOP	S45C	50HRC ~ (Induction hardened)

Tip shapes



H	T	Catalog No.		Base unit price 1~9 pieces					
		Type	Tip machining	D	10mm increments	POP	HPOP	POP	HPOP
18	8	POP	N	8	30~120				
				10	40~150				
				13	50~180				
				16	50~180				
35	10	HPOP	R	20	50~200				
				25	50~200				
				25	50~200				

Quotation



■ Screw plug (MSW) P.819
 ■ Coil spring P.1395

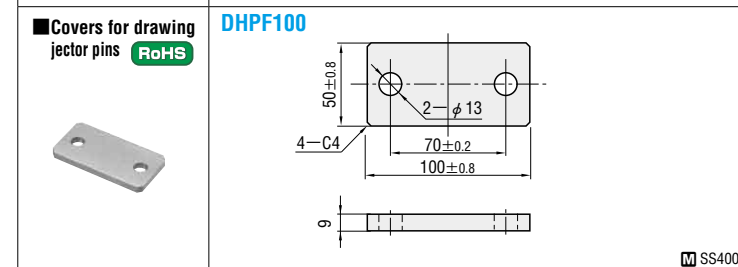
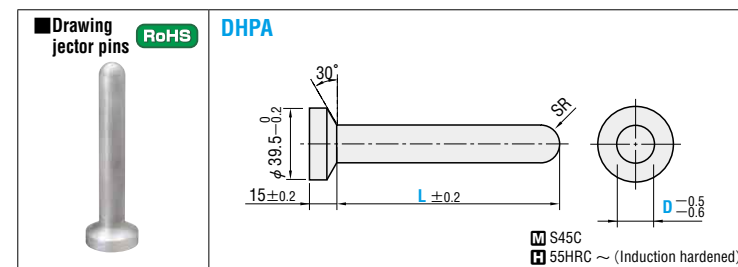
Order **Catalog No.** - L
 Type Tip machining D
 POP R 16 - 100

Days to Ship **Quotation**

Price **Quotation**

Alterations **Catalog No.** - L (LC)
 POP R 16 - LC114

Alteration	Code	Spec.	1Code
	LC	L dimension change Lmin. < LC < Lmax. 1mm increments	Quotation



Catalog No.	D	L	Base unit price 1~9 pieces
DHPA	20	120	Quotation
	20	170	
	26	200	

Catalog No.	Base unit price 1~9 pieces
DHPF100	Quotation

Order **Catalog No.** - L
 DHPA 20 - 120
 DHPF 100

Days to Ship **Quotation**

Price **Quotation**