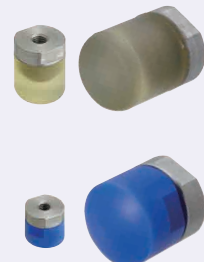


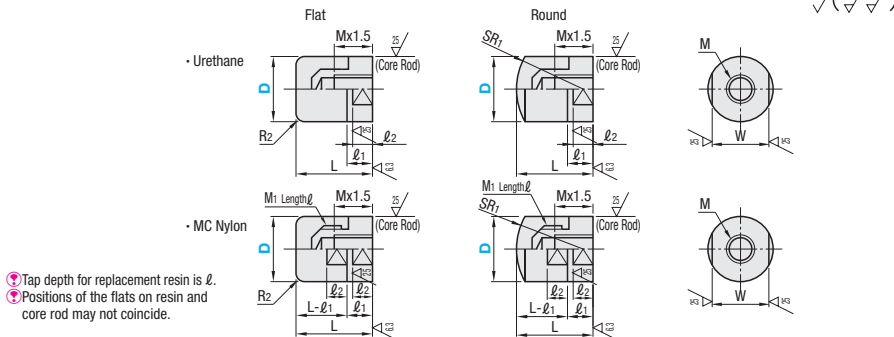
Large Diameter Pushers

■Features: Workpiece contact area is made larger by enlarging D dimension (O.D.).

■Tapped Type



Type		Pushers		Core Rod
Flat	Round	Hardness	Material	Material
PSHDDH	RSHDDH	Shore A90	Ether Polyurethane	SUS304
PSHDS	RSHDS	Shore A70	Ester Polyurethane	
PSHDMC	RSHDMC	-	MC Nylon	



① Tap depth for replacement resin is ℓ_2 .
② Positions of the flats on resin and core rod may not coincide.

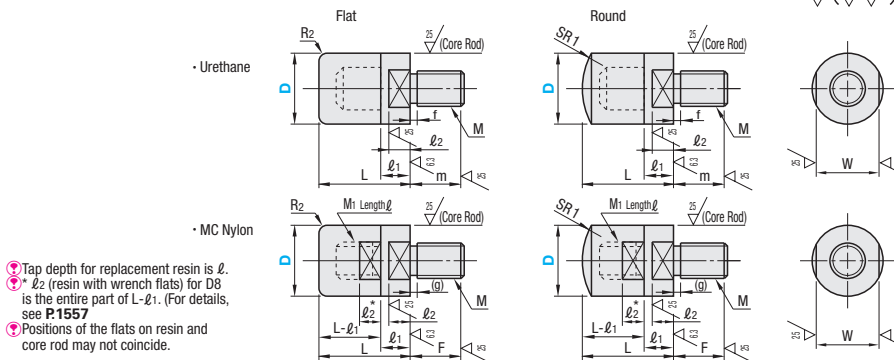
Part Number		L	MxPitch	M1xPitch	ℓ	SR1	R2	ℓ_1	ℓ_2	W	Unit Price		
Type	D										PSHDDH RSHDDH	PSHDS RSHDS	PSHDMC RSHDMC
Set Flat PSHDDH PSHDS PSHDMC	10	15	M3x0.5	M5x0.8	4.5	10	1			8			
	12	16	M4x0.7	M6x1.0	7	12				10			
	16	20	M5x0.8	M8x1.25	7	16	2			14			
	20	25	M6x1.0	M10x1.5	8	20		5	4	17			
	25	30	M8x1.25	M12x1.75	10	25	3	6	5	22			
	30	35	M10x1.5		14	30		8	6	27			
	36	45	M12x1.75	M16x2.0	16	36	3.5	12	10	32			

① Urethane may discolor over time but there is no effect on properties. ② For MC Nylon Type, replacement resin (MCRDKK) is provided. Please visit our website.

■Threaded Type



Type		Pushers		Core Rod
Flat	Round	Hardness	Material	Material
PSHDDMH	RSHDDMH	Shore A90	Ether Polyurethane	SUS304
PSHDSMS	RSHDSMS	Shore A70	Ester Polyurethane	
PSHDDMMC	RSHDDMMC	-	MC Nylon	



① Tap depth for replacement resin is ℓ_2 .
② ℓ_2 (resin with wrench flats) for D8 is the entire part of L- ℓ_1 . (For details, see P.1557)
③ Positions of the flats on resin and core rod may not coincide.

Part Number		L	MxPitch (Coarse)	Material: Resin			SR1	R2	m	ℓ_1	ℓ_2	f	W	Unit Price		
Type	D			MxPitch (Coarse)	ℓ	F (g)								PSHDDMH RSHDDMH	PSHDSMS RSHDSMS	PSHDDMMC RSHDDMMC
Flat PSHDDMH PSHDSMS PSHDDMMC	8	12	M3x0.5	M3x0.5	3	5	1.5	8	1	6	5	1	7			
	10	15	M4x0.7	M5x0.8	4.5	6		10		7	5	4	8			
	12	16	M5x0.8	M6x1.0	7	10	2	12		10			10			
	16	20	M6x1.0	M8x1.25	7	10		16	2	12	6	5	14			
	20	25	M8x1.25	M10x1.5	8	12	2.5	20		14	8	6	17			
	25	30	M10x1.5	M12x1.75	10	14		25	3	18	8	3	22			
	30	35	M16x2.0	M16x2.0	14	18	3.5	30		20	10	8	27			

① Urethane may discolor over time but there is no effect on properties. ② For MC Nylon Type, replacement resin is provided. Please visit our website.

Ordering Example
Part Number
PSHDDH20
RSHDS16

■Bushing Part Area Comparison

Standard Pushers (R1553)			Large Diameter Pushers			Increase		
D	Bushing Part Area		D	Bushing Part Area		D	Bushing Part Area	
6	28	8	50	2	78%			
8	50	10	79	2	56%			
10	79	12	113	2	44%			
12	113	16	201	4	78%			

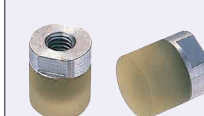
Standard Pushers (R1553)			Large Diameter Pushers			Increase		
D	Bushing Part Area		D	Bushing Part Area		D	Bushing Part Area	
16	201	20	314	4	56%			
20	314	25	491	5	56%			
25	491	30	707	5	44%			
30	707	36	1,017	6	44%			

Formula : (D/2)²×3.14

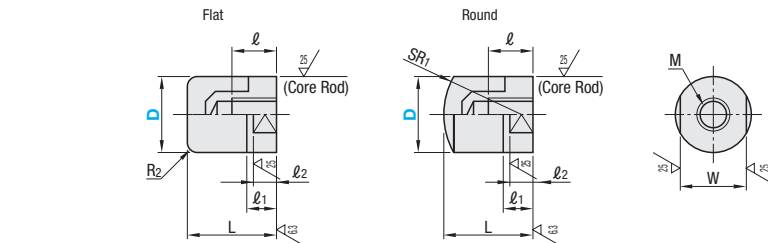
Small Diameter Pushers

■Features: Pushers suitable for space saving with small D dimension (O.D.). Small diameter alleviates the burden on the cylinder rod.

■Tapped Type



Type		Pushers		Core Rod
Flat	Round	Hardness	Material	Material
PSHEH	RSHEH	Shore A90	Ether Polyurethane	SUS304
PSHES	RSHES	Shore A70	Ester Polyurethane	



① For urethane rubber properties, see P.389.

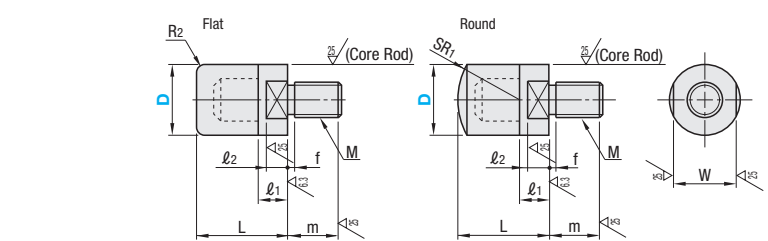
Part Number		L	MxPitch	SR1	R2	ℓ	ℓ_1	ℓ_2	W	Unit Price	
Type	D									PSHEH RSHEH	PSHES RSHES
Flat PSHEH PSHES	6	10	M3x0.5	6		3.5			5		
	8	12	M4x0.7	8	1	5			7		
	10	15	M5x0.8	10		6.5	5	4	8		
	12	16	M6x1.0	12		7			10		
	16	20	M8x1.25	16	2	10	6	5	14		

① Urethane may discolor over time but there is no effect on properties. ② Urethane rubber is thermally bonded to the core rod.

■Threaded Type



Type		Pushers		Core Rod
Flat	Round	Hardness	Material	Material
PSHEMH	RSHEMH	Shore A90	Ether Polyurethane	SUS304
PSHEMS	RSHEMS	Shore A70	Ester Polyurethane	

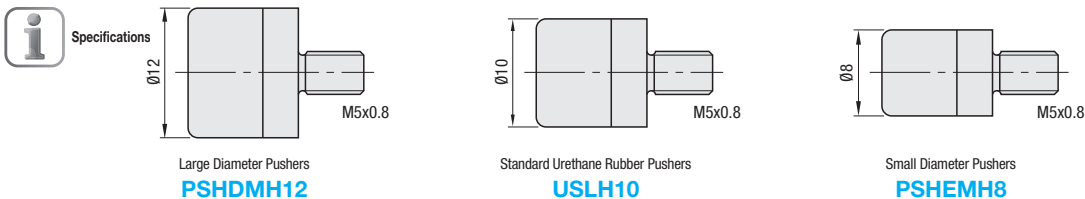


① For urethane rubber properties, see P.389.

Part Number		L	MxPitch	SR1	R2	m	ℓ_1	ℓ_2	f	W	Unit Price	
Type	D										PSHEMH RSHEMH	PSHEMS RSHEMS
Flat PSHEMH PSHEMS	8	12	M5x0.8	8		6			1.3	7		
	10	15	M6x1.0	10	1	7	5	4	1.5	8		
	12	16	M8x1.25	12		10			2	10		
	16	20	M10x1.5	16	2	12	6	5	2	14		

① Urethane may discolor over time but there is no effect on properties. ② Urethane rubber is thermally bonded to the core rod.

Ordering Example
Part Number
PSHEH16
RSHEMS12



① When selecting same thread Dia., workpiece contact area is made larger by enlarging diameter and smaller by reducing diameter.