

Urethane Rubber Pushers

Silicon Rubber Pushers / Fluororubber Pushers

Features: Pushers with shore A30 ~ 90 are available.

Tapped Type

Type	Pushers	Core Rod
Flat	Round	Material
URLH	URSH	Shore A90 Ether Polyurethane
URLM	URSM	Shore A70 Ester Polyurethane
URLL	URSL	Shore A50 Ester Polyurethane
PSHLH	RSHLH	Shore A30

SUS304

For urethane rubber properties, see P.389.

Part Number	Type	D	L	MxPitch	SR1	R2	l1	l2	W	Unit Price		
										URLH URSH	URLM, URLL URSM, URSL	PSHLH RSHLH
8	Flat	8	12	M3x0.5	8	1	5	4	7			
10	Flat	10	15	M4x0.7	10	1	6	5	8			
12	Flat	12	16	M5x0.8	12	2	8	6	10			
16	Flat	16	20	M6x1.0	16	2	10	8	14			
20	Flat	20	25	M8x1.25	20	2	12	10	17			
25	Flat	25	30	M10x1.5	25	3	14	12	22			
25A	Flat	25A	30	M10x1.25	25	3	14	12	22			
30	Flat	30	35	M12x1.75	30	3.5	14	12	27			
32	Flat	32	37	M14x1.5	32	3.5	14	12	30			
36	Flat	36	45	M18x1.5	36	3.5	14	12	32			
40	Flat	40	50	M20x1.5	40	3.5	14	12	36			
40A	Flat	40A	50	M22x1.5	40	3.5	14	12	36			

Pitches of D Dimension 25A are fine threaded. The thread of D dimension 40A is M22x1.5. Urethane rubber is thermally bonded to the core rod. Urethane may discolor over time but there is no effect on properties.

Threaded Type

Type	Pushers	Core Rod
Flat	Round	Material
USLH	USSH	Shore A90 Ether Polyurethane
USLM	USSM	Shore A70 Ester Polyurethane
USLL	USSL	Shore A50 Ester Polyurethane
PSHMLH	RSHMLH	Shore A30

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For urethane rubber properties, see P.389.

Part Number	Type	D	L	MxPitch (Coarse)	SR1	R2	m	l1	l2	f	W	Unit Price		
												USLH USSH	USLM, USLL USSM, USSL	PSHMLH RSHMLH
6	Flat	6	10	M3x0.5	6	1	4.5	5	4	1	5			
8	Flat	8	12	M4x0.7	8	1	6	5	4	1	7			
10	Flat	10	15	M5x0.8	10	1	7	6	5	1.5	8			
12	Flat	12	16	M6x1.0	12	2	10	8	6	2	10			
16	Flat	16	20	M8x1.25	16	2	12	10	8	2	14			
20	Flat	20	25	M10x1.5	20	2	14	12	10	2	17			
25	Flat	25	30	M16x2.0	25	3	18	14	12	3	22			
32	Flat	32	37	M20x2.5	32	3.5	22	16	14	3	30			
36	Flat	36	45	M22x2.5	36	3.5	24	18	16	3.5	32			

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

Ordering Example: Part Number URLM10, USLM12

Features: Silicon Rubber Pushers: Pushers which are superior to Urethane Rubber Pushers in heat / chemical resistance. Fluororubber Pushers: Pushers which are made of fluorine with excellent chemical resistance.

Tapped Type

Type	Pushers	Core Rod
Flat	Round	Material
SLLM	SLSM	Shore A70 Silicon Rubber
PSHPT	RSHPT	Shore A80 Fluororubber (FPM)

SUS304

For properties of urethane rubber and fluororubber, see P.390.

Part Number	Type	D	L	MxPitch	SR1	R2	l1	l2	W	Unit Price	
										SLLM SLSM	PSHPT RSHPT
8	Flat	8	12	M3x0.5	8	1	5	4	7		
10	Flat	10	15	M4x0.7	10	1	6	5	8		
12	Flat	12	16	M5x0.8	12	2	8	6	10		
16	Flat	16	20	M6x1.0	16	2	10	8	14		
20	Flat	20	25	M8x1.25	20	2	12	10	17		
25	Flat	25	30	M10x1.5	25	3	14	12	22		
25A	Flat	25A	30	M10x1.25	25	3	14	12	22		
30	Flat	30	35	M12x1.75	30	3	14	12	27		

Urethane rubber and fluororubber are thermally bonded to a core rod.

Threaded Type

Type	Pushers	Core Rod
Flat	Round	Material
SLLM	SSSM	Shore A70 Silicon Rubber
PSHMPT	RSHMPT	Shore A80 Fluororubber (FPM)

SUS304

For properties of urethane rubber and fluororubber, see P.390.

Part Number	Type	D	L	MxPitch	SR1	R2	m	l1	l2	f	W	Unit Price	
												SLLM SSSM	PSHMPT RSHMPT
6	Flat	6	10	M3x0.5	6	1	4.5	5	4	1	5		
8	Flat	8	12	M4x0.7	8	1	6	5	4	1	7		
10	Flat	10	15	M5x0.8	10	1	7	6	5	1.5	8		
12	Flat	12	16	M6x1.0	12	2	10	8	6	2	10		
16	Flat	16	20	M8x1.25	16	2	12	10	8	2	14		
20	Flat	20	25	M10x1.5	20	3	14	12	10	2	17		

Urethane rubber and fluororubber are thermally bonded to a core rod.

Ordering Example: Part Number PSHPT8



Shore Hardness for Rubber Pushers for reference

Allowable Hardness Range: Listed values ±5

Shore A95	Golf Ball
Shore A90	Hard Ball
Shore A70	Soft Ball
Shore A50	Plastic Eraser
Shore A30	Bicycle Tire Tubes

Hard / Soft

Durometer A (Shore A)	10	20	30	40	50	60	70	80	90
ASKER C	20	30	40	50	60	70	80	90	
SRIS 0101 Type C	1	1	1	1	1	1	1	1	1

