

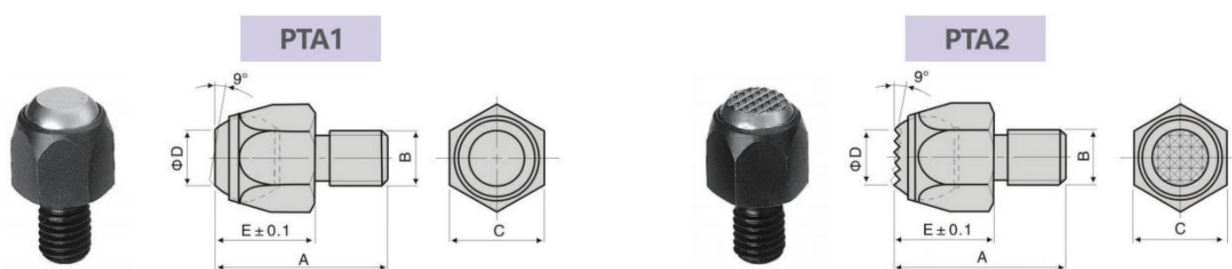
PTA 动向钢珠螺杆

SWIVEL CLAMPING SCREW / PTA1 - PTA4

带动向钢珠的夹紧螺杆，图示摆角 9°。PTA1 / PTA3 为光面接触，PTA2 / PTA4 为齿面接触；PTA3 / PTA4 带锁紧螺母。

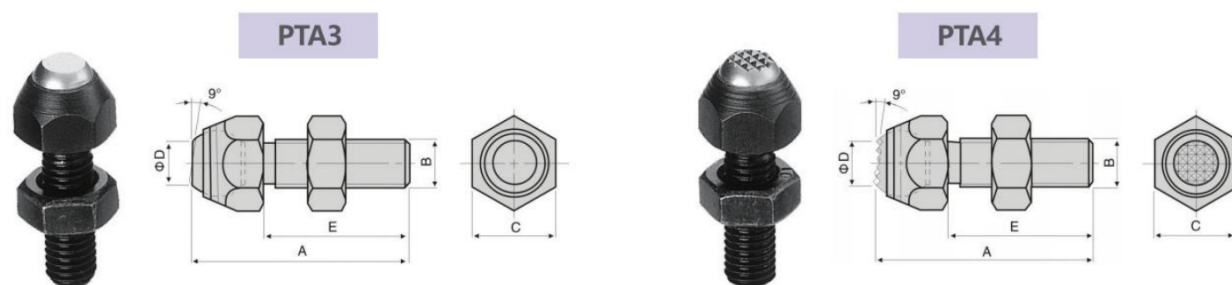
本体：S45C / HRC 35；钢珠：SUJ2 / HRC 62。

PTA1 / PTA2 · 外形与完整尺寸



MODEL	PTA1-0006 PTA2-0006	PTA1-0108 PTA2-0108	PTA1-0210 PTA2-0210	PTA1-0312 PTA2-0312	PTA1-0416 PTA2-0416	PTA1-0520 PTA2-0520	PTA1-0624 PTA2-0624	PTA1-0730 PTA2-0730
A	21	25	30	35	42	55	65	80
B	M6x1.0	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5	M24x2.0	M30x2.0
C	10	14	17	22	27	36	36	46
D	6	8	10	12	14	14	18	21
E	10	12	16	22	26	27	32	35
单重(g)	12	15	25	70	140	280	560	880

PTA3 / PTA4 · 外形与完整尺寸



MODEL	PTA3-0108 PTA4-0108	PTA3-0210 PTA4-0210	PTA3-0312 PTA4-0312	PTA3-0416 PTA4-0416	PTA3-0520 PTA4-0520	PTA3-0624 PTA4-0624	PTA3-0730 PTA4-0730
A	36	45	50	60	87	98	110
B	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5	M24x2.0	M30x2.0
C	14	17	17	24	36	36	46
D	7	8	10	12	14	18	21
E	25	30	35	40	60	66	75
单重(g)	25	55	55	140	330	595	1030

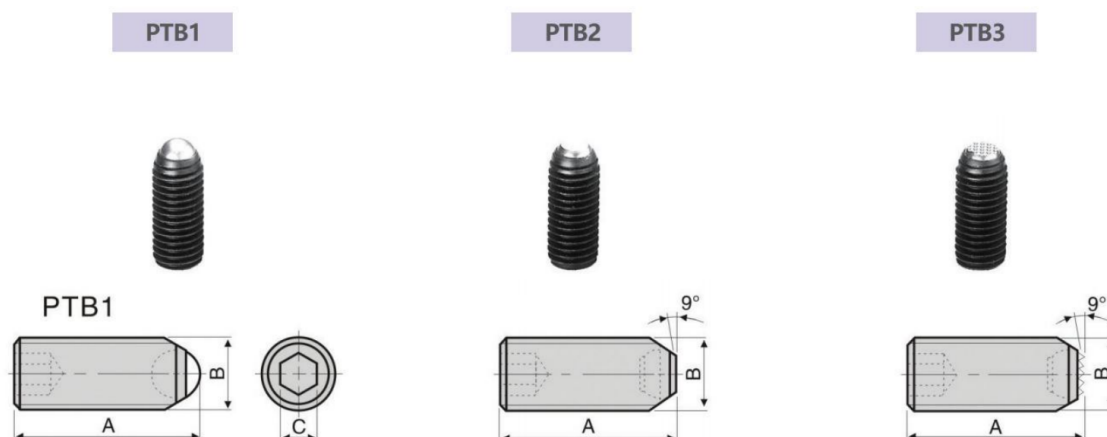
尺寸单位 mm，单重单位 g。图中 E 公差 ± 0.1 mm。型号、螺纹及单重按上表对应，不将齿面形式扩展为未列出的组合。

PTB 动向钢珠螺杆

SWIVEL SHOULDER CLAMPING SCREW / PTB1 - PTB3

PTB1 为球面头，PTB2 为光面动向接触头，PTB3 为齿面动向接触头。PTB2 / PTB3 图示摆角 9°，尾部内六角驱动。

本体：SCM21 / HRC 32 - 38；钢珠：SUJ2 / HRC 62。



PTB1 / PTB2 / PTB3 · 完整尺寸表

MODEL	PTB1-0206	PTB1-0306	PTB1-0408	PTB1-0508	PTB1-0608	PTB1-0710	PTB1-0810	PTB1-0910	PTB1-1012	PTB1-1112	PTB1-1212	PTB1-1312
A	13.5	23.5	12	20	30	17	27	37	23.2	31.2	41.2	51.2
B	M6x1.0	M6x1.0	M8x1.25	M8x1.25	M8x1.25	M10x1.5	M10x1.5	M10x1.5	M12x1.75	M12x1.75	M12x1.75	M12x1.75
C	3	3	4	4	4	5	5	5	6	6	6	6
单重(g)	2.4	3.8	3.2	5.8	9	6.7	11.2	16.2	12.5	20	30	40

Unit:mm

MODEL	PTB1-1416	PTB1-1516	PTB1-1616	PTB1-1716	PTB1-1816	PTB2-2006 PTB3-3806	PTB2-2106 PTB3-3906	PTB2-2208 PTB3-4008	PTB2-2308 PTB3-4108	PTB2-2408 PTB3-4208	PTB2-2510 PTB3-4310	PTB2-2610 PTB3-4410
A	25.6	35.6	45.6	55.6	65.6	13	23	11.2	19.2	29.2	15	25
B	M16x2.0	M16x2.0	M16x2.0	M16x2.0	M16x2.0	M6x1.0	M6x1.0	M8x1.25	M8x1.25	M8x1.25	M10x1.5	M10x1.5
C	8	8	8	8	8	3	3	4	4	4	5	5
单重(g)	28	40	45	55	65	2.4	3.8	3.2	5.8	9	6.7	11.2

Unit:mm

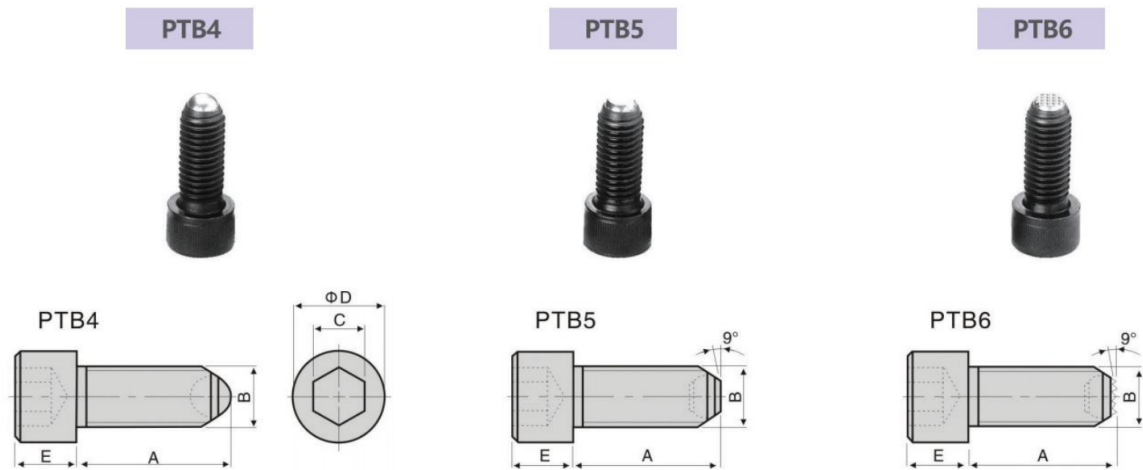
MODEL	PTB2-2710 PTB3-4510	PTB2-2812 PTB3-4612	PTB2-2912 PTB3-4712	PTB2-3012 PTB3-4812	PTB2-3112 PTB3-4912	PTB2-3216 PTB3-5016	PTB2-3316 PTB3-5116	PTB2-3416 PTB3-5216	PTB2-3516 PTB3-5316	PTB2-3616 PTB3-5416
A	35	22	30	40	50	24	34	44	54	64
B	M10x1.5	M12x1.75	M12x1.75	M12x1.75	M12x1.75	M16x2.0	M16x2.0	M16x2.0	M16x2.0	M16x2.0
C	5	6	6	6	6	8	8	8	8	8
单重(g)	16.2	12.5	20	30	40	28	40	45	55	65

尺寸单位 mm，单重单位 g。B 为螺纹规格，C 为内六角尺寸；双行型号共用该列尺寸。

PTB 带头型动向钢珠螺杆

SWIVEL SHOULDER CLAMPING SCREW / PTB4 - PTB6

PTB4 为球面头，PTB5 为光面动向接触头，PTB6 为齿面动向接触头。带圆柱头内六角驱动；PTB5 / PTB6 图示摆角 9°。材料及硬度同 PTB1 - PTB3。



PTB4 / PTB5 / PTB6 · 完整尺寸表

MODEL	PTB4-0106	PTB4-0206	PTB4-0306	PTB4-0408	PTB4-0508	PTB4-0608	PTB4-0710	PTB4-0810	PTB4-0910	PTB4-1012	PTB4-1112	PTB4-1212	PTB4-1312	PTB4-1416
A	14.5	23.5	33.5	18.7	28.7	38.7	25	40	60	31.2	46.2	66.2	81.2	40.6
B	M6	M6	M6	M8	M8	M8	M10	M10	M10	M12	M12	M12	M12	M16
C	5	5	5	6	6	6	8	8	8	10	10	10	10	14
D	10	10	10	13	13	13	16	16	16	18	18	18	18	24
E	6	6	6	8	8	8	10	10	10	12	12	12	12	16
单重(g)	5.3	7.4	9.5	13.5	20	24	26	34	46	40	50	70	83	90

Unit:mm

MODEL	PTB4-1516	PTB4-1616	PTB4-1716	PTB5-1806 PTB6-3506	PTB5-1906 PTB6-3606	PTB5-2006 PTB6-3706	PTB5-2108 PTB6-3808	PTB5-2208 PTB6-3908	PTB5-2308 PTB6-4008	PTB5-2410 PTB6-4110	PTB5-2510 PTB6-4210	PTB5-2610 PTB6-4310
A	50.6	65.6	90.6	14	23	33	18	28	38	24	39	59
B	M16	M16	M16	M6	M6	M6	M8	M8	M8	M10	M10	M10
C	14	14	14	5	5	5	6	6	6	8	8	8
D	24	24	24	10	10	10	13	13	13	16	16	16
E	16	16	16	6	6	6	8	8	8	10	10	10
单重(g)	110	130	170	5.3	7.4	9.5	13.5	20	24	26	34	46

Unit:mm

MODEL	PTB5-2712 PTB6-4412	PTB5-2812 PTB6-4512	PTB5-2912 PTB6-4612	PTB5-3012 PTB6-4712	PTB5-3116 PTB6-4816	PTB5-3216 PTB6-4916	PTB5-3316 PTB6-5016	PTB5-3416 PTB6-5116
A	30	45	65	80	39	49	64	89
B	M12	M12	M12	M12	M16	M16	M16	M16
C	10	10	10	10	14	14	14	14
D	18	18	18	18	24	24	24	24
E	12	12	12	12	16	16	16	16
单重(g)	40	50	70	83	90	110	13	170

尺寸单位 mm，单重单位 g。原表 PTB5-3316 / PTB6-5016 单重显示为 13 g，该值待确认，本稿保留原表；正式选型前核对。