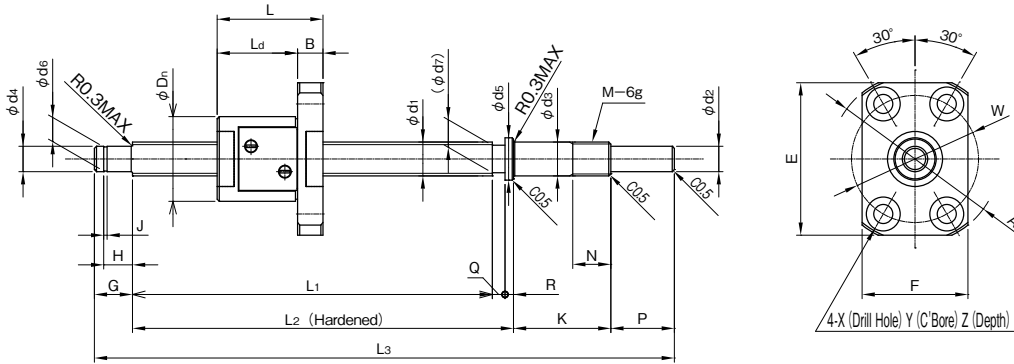
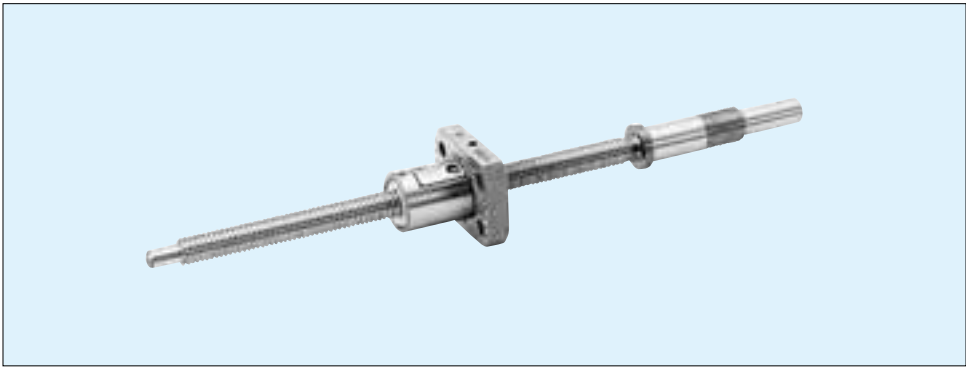


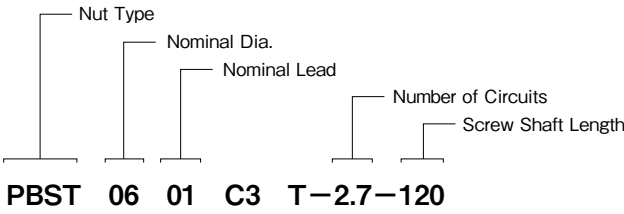
Miniature Precision Ground Ball Screws (Finished Shaft Ends) PBST Series



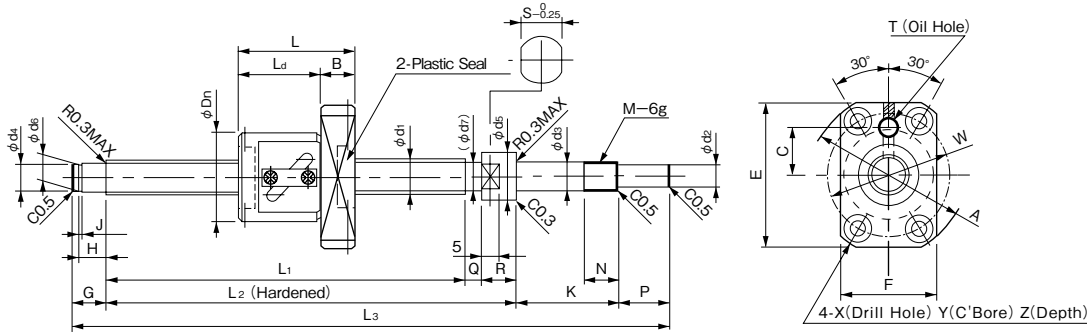
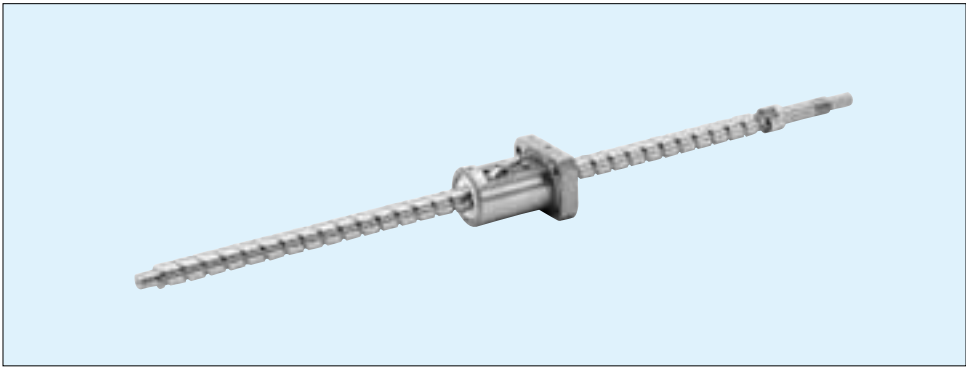
Identification Number	Shaft Dia. d ₁	Nominal Lead	Stroke	Shaft Dimensions													
				L ₁	L ₂	L ₃	G	H	J	K	N	P	Q	R	d ₂	d ₃	d ₄
—120 PBST0601C3T—2.7—150 —180	6	1	40	70	75	120	7	4.5	0.5	23	9	15	3	2	6	8	4
70			100	105	150												
100			130	135	180												
—124 PBST0602C3T—2.7—154 —184	6	2	40	74	79	124	7	4.5	0.5	23	9	15	3	2	6	8	4
70			104	109	154												
100			134	139	184												
—122 PBST0801C3T—2.7—152 —182	8	1	40	70	75	122	9	6.8	0.8	23	9	15	3	2	6	8	6
70			100	105	152												
100			130	135	182												
—137 PBST0802C3T—2.7—177 —207	8	2	50	85	90	137	9	6.8	0.8	23	9	15	3	2	6	8	6
90			125	130	177												
120			155	160	207												

Unit : mm																	Basic Load Rating (N)	
				Nut Dimensions														
d ₅	d ₆	d ₇	M	D _n	A	L	L _d	B	E	F	W	X	Y	Z	C _a	C _{0a}		
10	3.8	5.2	M 8×0.75	13	29	20	15	5	26	19	21	3.4	6.5	3	630	1130		
10	3.8	4.5	M 8×0.75	18	34	24	19	5	31	22	26	3.4	6.5	3	1350	2350		
10	5.7	7.2	M 8×0.75	16	32	20	15	5	29	21	24	3.4	6.5	3	750	1520		
10	5.7	6.5	M 8×0.75	20	40	25	19	6	36	25	30	4.5	8	4.4	1690	3085		

●Code Name



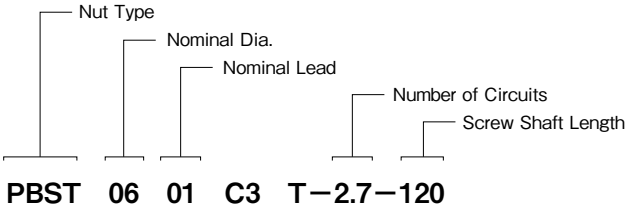
Miniature Precision Ground Ball Screws (Finished Shaft Ends) PBST Series



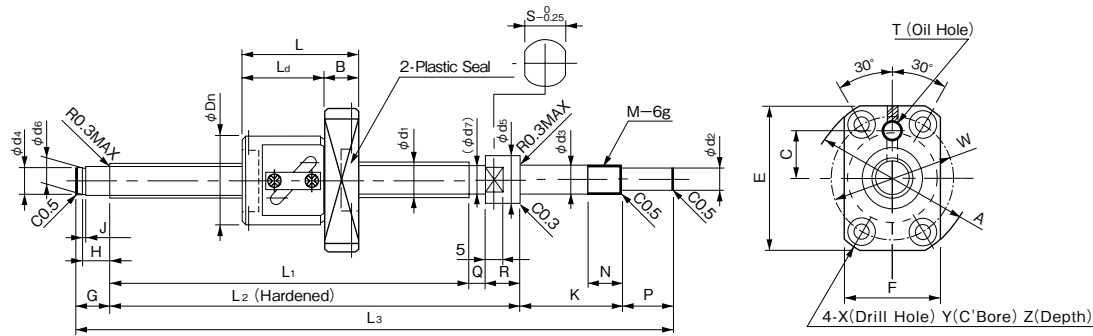
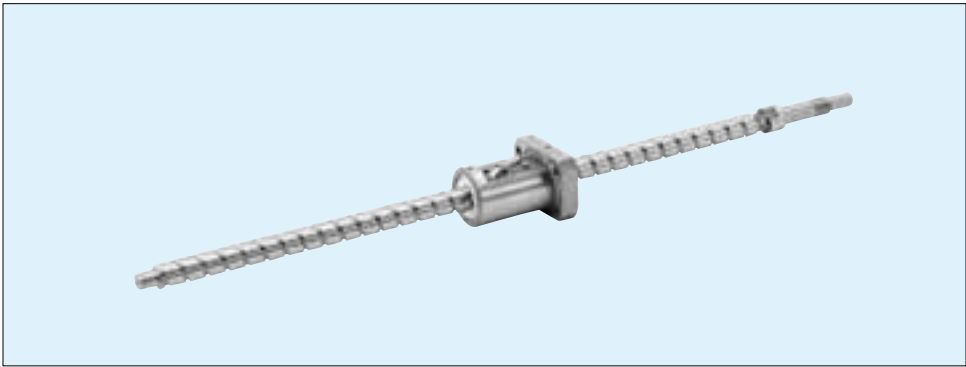
Identification Number	Shaft Dia. d ₁	Nominal Lead	Stroke	Shaft Dimensions													
				L ₁	L ₂	L ₃	G	H	J	K	N	P	Q	R	d ₂	d ₃	d ₄
PBST1002C3T-2.7-209 -259	10	2	60	99	114	169	10	7.9	0.9	30	10	15	5	10	8	10	8
			100	139	154	209											
			150	189	204	259											
PBST1004C3T-2.5-230 -280	10	4	60	120	135	190	10	7.9	0.9	30	10	15	5	10	8	10	8
			100	160	175	230											
			150	210	225	280											
PBST1005C3T-2.5-230 -280	10	5	60	120	135	190	10	7.9	0.9	30	10	15	5	10	8	10	8
			100	160	175	230											
			150	210	225	280											
PBST1010C3T-1.5 -342 -392	10	10	100	170	187	242	10	7.9	0.9	30	10	15	7	10	8	10	8
			150	220	237	292											
			200	270	287	342											
			250	320	337	392											
PBST1202C3T-2.7-239 -289	12	2	70	109	124	179	10	7.9	0.9	30	10	15	5	10	8	10	8
			130	169	184	239											
			180	219	234	289											

					Nut Dimensions													Basic Load Rating (N)	
d ₅	d ₆	d ₇	S	M	D _n	A	L	L _d	B	E	F	W	C	T	X	Y	Z	C _a	C _{0a}
14	7.6	8.5	12	M10×0.75	23	43	29	19	10	39	27	33	12	M6	4.5	8	4.4	1980	3820
14	7.6	8.1	12	M10×0.75	26	46	34	24	10	42	28	36	14	M6	4.5	8	4.4	2730	4410
14	7.6	8.1	12	M10×0.75	26	46	40	30	10	42	28	36	14	M6	4.5	8	4.4	2730	4410
14	7.6	8.1	12	M10×0.75	26	46	40	30	10	42	28	36	14	M6	4.5	8	4.4	1720	2745
14	7.6	10.5	12	M10×0.75	25	45	29	19	10	41	28	35	13	M6	4.5	8	4.4	2240	4555

●Code Name



Miniature Precision Ground Ball Screws (Finished Shaft Ends) PBST Series

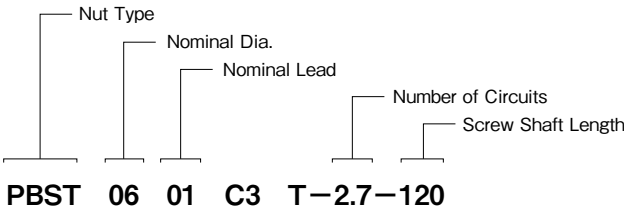


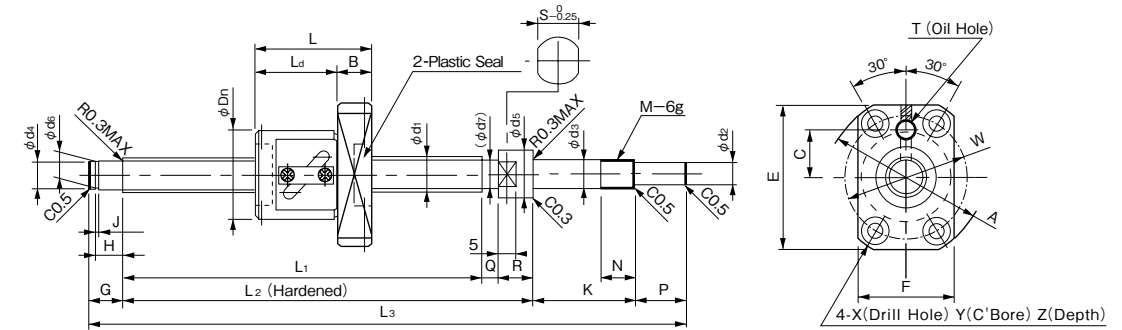
Identification Number	Shaft Dia. d ₁	Nominal Lead	Stroke	Shaft Dimensions													
				L ₁	L ₂	L ₃	G	H	J	K	N	P	Q	R	d ₂	d ₃	d ₄
PBST1204C3T-2.5-276 -326	12	4	100	156	171	226	10	7.9	0.9	30	10	15	5	10	8	10	8
			150	206	221	276											
			200	256	271	326											
PBST1205C3T-2.5 -280 -330 -380	12	5	100	160	175	230	10	7.9	0.9	30	10	15	5	10	8	10	8
			150	210	225	280											
			200	260	275	330											
			250	310	325	380											
PBST1210C3T-2.5 -302 -352 -402 -452	12	10	150	230	247	302	10	7.9	0.9	30	10	15	7	10	8	10	8
			200	280	297	352											
			250	330	347	402											
			300	380	397	452											
PBST1220C3T-1.5 -377 -427 -477 -527	12	20	200	302	322	377	10	7.9	0.9	30	10	15	10	10	8	10	8
			250	352	372	427											
			300	402	422	477											
			350	452	472	527											
PBST1402C3T-2.7-272 -322	14	2	100	140	155	222	22	9.15	1.15	30	10	15	5	10	10	12	10
			150	190	205	272											
			200	240	255	322											

Unit : mm

					Nut Dimensions													Basic Load Rating (N)	
d ₅	d ₆	d ₇	S	M	D _n	A	L	L _d	B	E	F	W	C	T	X	Y	Z	C _a	C _{0a}
14	7.6	9.7	12	M10×0.75	30	50	36	26	10	45	32	40	15	M6	4.5	8	4.4	3770	6320
14	7.6	9.7	12	M10×0.75	30	50	40	30	10	45	32	40	15	M6	4.5	8	4.4	3770	6320
14	7.6	9.9	12	M10×0.75	30	50	50	40	10	45	32	40	15	M6	4.5	8	4.4	3820	6480
14	7.6	9.9	12	M10×0.75	30	50	62	50	12	45	32	40	15	M6	4.5	8	4.4	2410	3920
15	9.6	12	12	M12×1.0	26	49	30	19	11	44	30	37	14	M6	5.5	9.5	5.4	2470	5290

Code Name





Identification Number	Shaft Dia. d ₁	Nominal Lead	Stroke	Shaft Dimensions													
				L ₁	L ₂	L ₃	G	H	J	K	N	P	Q	R	d ₂	d ₃	d ₄
−287 PBST1404C3T−2.5−337 −387	14	4	150	205	220	287	22	9.15	1.15	30	10	15	5	10	10	12	10
200			255	270	337												
250			305	320	387												
−293 PBST1405C3T−2.5 −343 −393 −443	14	5	150	211	226	293	22	9.15	1.15	30	10	15	5	10	10	12	10
200			261	276	343												
250			311	326	393												
300			361	376	443												
−371 PBST1510C3T−2.5 −471 −571 −671	15	10	200	289	304	371	22	9.15	1.15	30	10	15	5	10	10	12	10
300			389	404	471												
400			489	504	571												
500			589	604	671												
−484 PBST1520C3T−1.5 −584 −684 −784	15	20	300	402	417	484	22	9.15	1.15	30	10	15	5	10	10	12	10
400			502	517	584												
500			602	617	684												
600			702	717	784												
−339 PBST1604C3T−2.5−439 −539	16	4	200	257	272	339	22	9.15	1.15	30	10	15	5	10	10	12	10
300			357	372	439												
400			457	472	539												

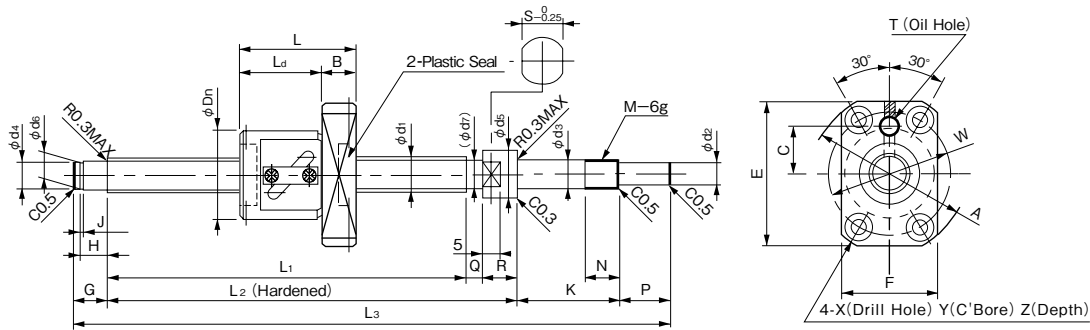
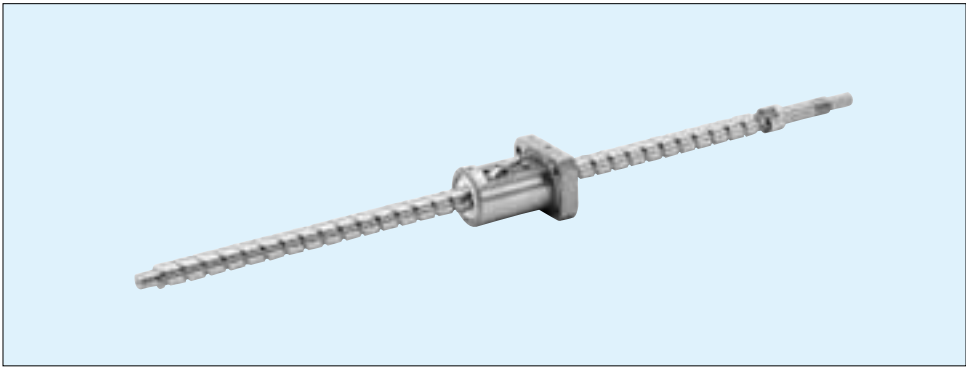
Unit : mm																			
					Nut Dimensions													Basic Load Rating (N)	
d ₅	d ₆	d ₇	S	M	Dn	A	L	L _d	B	E	F	W	C	T	X	Y	Z	C _a	C _{0a}
15	9.6	11.7	12	M12×1.0	34	57	37	26	11	50	34	45	17	M6	5.5	9.5	5.4	4220	7150
15	9.6	11.1	12	M12×1.0	34	57	41	30	11	50	34	45	17	M6	5.5	9.5	5.4	6270	11660
15	9.6	12	12	M12×1.0	34	57	51	40	11	50	34	45	17	M6	5.5	9.5	5.4	6610	12540
15	9.6	12	12	M12×1.0	34	57	62	50	12	50	34	45	17	M6	5.5	9.5	5.4	4230	7840
15	9.6	12	12	M12×1.0	36	59	37	26	11	53	36	47	18	M6	5.5	9.5	5.4	4640	8530

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graph TD
    PBST --> Nut_Type[Nut Type]
    PBST --> Nominal_Dia[Nominal Dia.]
    Nut_Type --> Nominal_Lead[Nominal Lead]
    Nut_Type --> Number_of_Circuits[Number of Circuits]
    Number_of_Circuits --> Screw_Shaft_Length[Screw Shaft Length]
  
```

PBST **06** **01** **C3** **T-2.7-120**

Miniature Precision Ground Ball Screws (Finished Shaft Ends) PBST Series



Identification Number	Shaft Dia. d ₁	Nominal Lead	Stroke	Shaft Dimensions													
				L ₁	L ₂	L ₃	G	H	J	K	N	P	Q	R	d ₂	d ₃	d ₄
PBST1616C3T-1.5-571	16	16	200	284	304	371	22	9.15	1.15	30	10	15	10	10	10	12	10
			300	384	404	471											
			400	484	504	571											
			500	584	604	671											
			600	684	704	771											
PBST2010C3T-2.5-599	20	10	200	289	314	399	25	10.15	1.15	40	15	20	10	15	12	15	15
			300	389	414	499											
			400	489	514	599											
			500	589	614	699											
			600	689	714	799											
PBST2020C3T-1.5-720	20	20	300	410	435	520	25	10.15	1.15	40	15	20	10	15	12	15	15
			400	510	535	620											
			500	610	635	720											
			600	710	735	820											
			700	810	835	920											

Unit : mm

					Nut Dimensions													Basic Load Rating (N)	
d ₅	d ₆	d ₇	S	M	D _n	A	L	L _d	B	E	F	W	C	T	X	Y	Z	C _a	C _{0a}
15	9.6	12	12	M12×1.0	40	63	56	44	12	56	40	51	20	M6	5.5	9.5	5.4	4380	8230
20	14.3	17	17	M15×1.0	44	67	54	41	13	60	44	55	22	M6	5.5	9.5	5.4	8150	17150
20	14.3	16.5	17	M15×1.0	46	74	70	55	15	66	46	59	24	M6	6.6	11	6.5	6710	12640

Code Name

