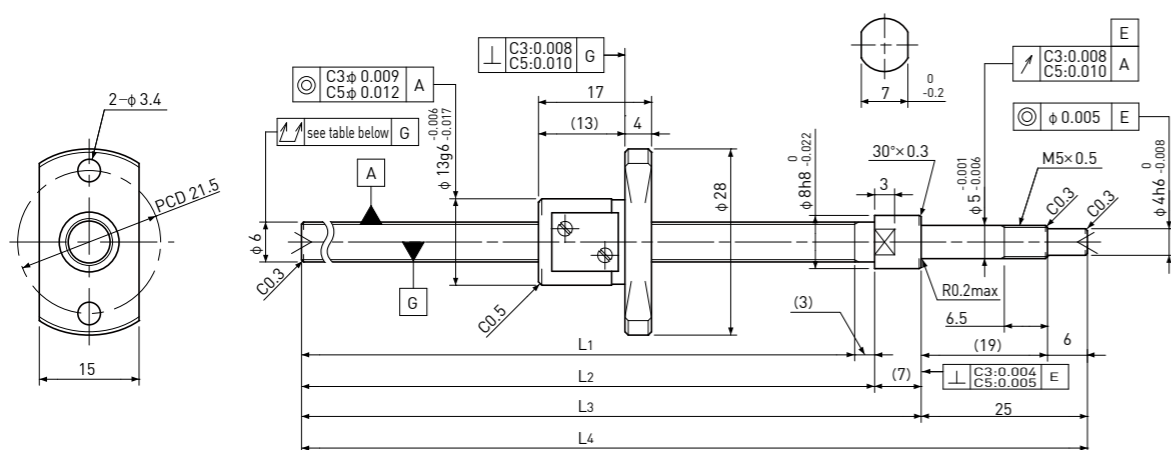


ASG0601

Shaft dia. $\phi 6$ / Lead 1mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 0.8$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	<p>L₅: Thread length after end-journal machining. L₆: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 5.3$	<p>Support-unit recommendation</p> <p>Supported-side : MSU-5CS/5GS, SUP04-S Fixed-side : MSU-5C/5G, EK5</p>		
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

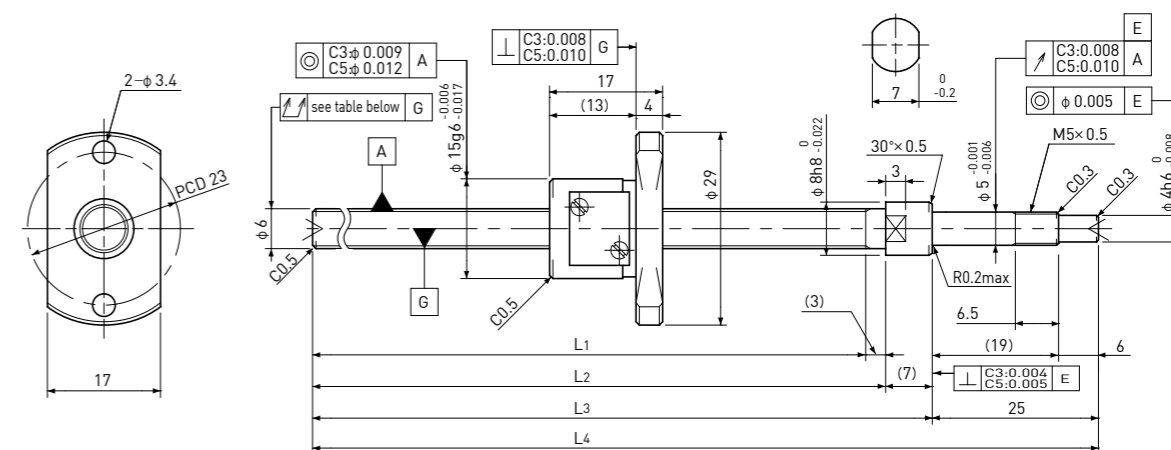
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG601-085R120C3	65	C3	85	88	95	120	± 0.008	0.008	0.025	0 Spacer ball (1:1)	~0.006	430	610
ASG601-110R145C3	90	C3	110	113	120	145	± 0.010	0.008	0.035				
ASG601-135R170C3	115	C3	135	138	145	170	± 0.010	0.008	0.035	~0.005	-	680	120
ASG601-085R120C5	65	C5	85	88	95	120	± 0.018	0.018	0.035				
ASG601-110R145C5	90	C5	110	113	120	145	± 0.020	0.018	0.050				
ASG601-135R170C5	115	C5	135	138	145	170	± 0.020	0.018	0.050				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG0602

Shaft dia. $\phi 6$ / Lead 2mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 1.0$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	<p>L₅: Thread length after end-journal machining. L₆: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 5.1$	<p>Support-unit recommendation</p> <p>Supported-side : MSU-5CS/5GS, SUP04-S Fixed-side : MSU-5C/5G, EK5</p>		
Number of circuit	2.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

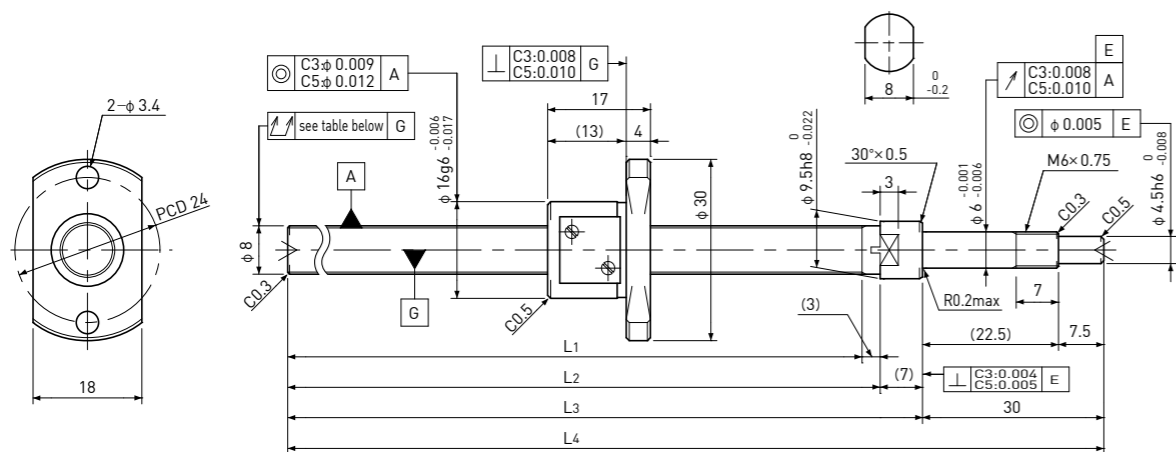
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG602-085R120C3	65	C3	85	88	95	120	± 0.008	0.008	0.025	0 Spacer ball (1:1)	0.003~0.007	470	590
ASG602-135R170C3	115	C3	135	138	145	170	± 0.010	0.008	0.035				
ASG602-085R120C5	65	C5	85	88	95	120	± 0.018	0.018	0.035	~0.005	-	750	1200
ASG602-135R170C5	115	C5	135	138	145	170	± 0.020	0.018	0.050				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG0801

Shaft dia. $\phi 8$ / Lead 1mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 0.8$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	<p>L5: Thread length after end-journal machining. L6: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 7.3$	<p>Support-unit recommendation</p> <p>Supported-side : MSU-6CS/6GS, EF6 Fixed-side : MSU-6C/6G, EK6</p>		
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

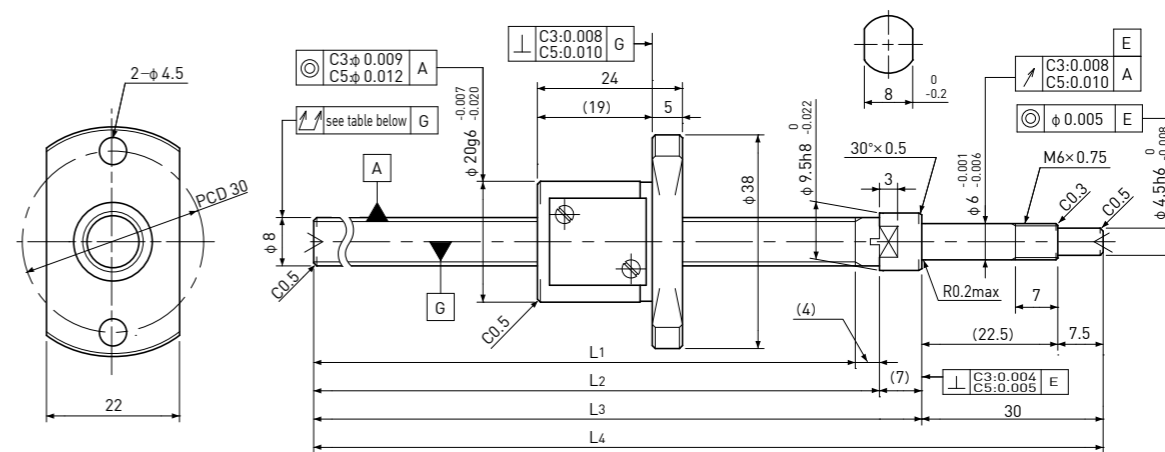
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG801-100R140C3	80	C3	100	103	110	140	± 0.008	0.008	0.035	0 Spacer ball (1:1)	~ 0.002 0.008	490	820
ASG801-130R170C3	110	C3	130	133	140	170	± 0.010	0.008	0.035				
ASG801-160R200C3	140	C3	160	163	170	200	± 0.010	0.008	0.035				
ASG801-210R250C3	190	C3	210	213	220	250	± 0.012	0.008	0.050				
ASG801-100R140C5	80	C5	100	103	110	140	± 0.018	0.018	0.050	~ 0.005	-	780	1650
ASG801-130R170C5	110	C3	130	133	140	170	± 0.020	0.018	0.050				
ASG801-160R200C5	140	C5	160	163	170	200	± 0.020	0.018	0.050				
ASG801-210R250C5	190	C5	210	213	220	250	± 0.023	0.018	0.065				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG0802

Shaft dia. $\phi 8$ / Lead 2mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 1.5875$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	<p>L5: Thread length after end-journal machining. L6: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 6.6$	<p>Support-unit recommendation</p> <p>Supported-side : MSU-6CS/6GS, EF6 Fixed-side : MSU-6C/6G, EK6</p>		
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

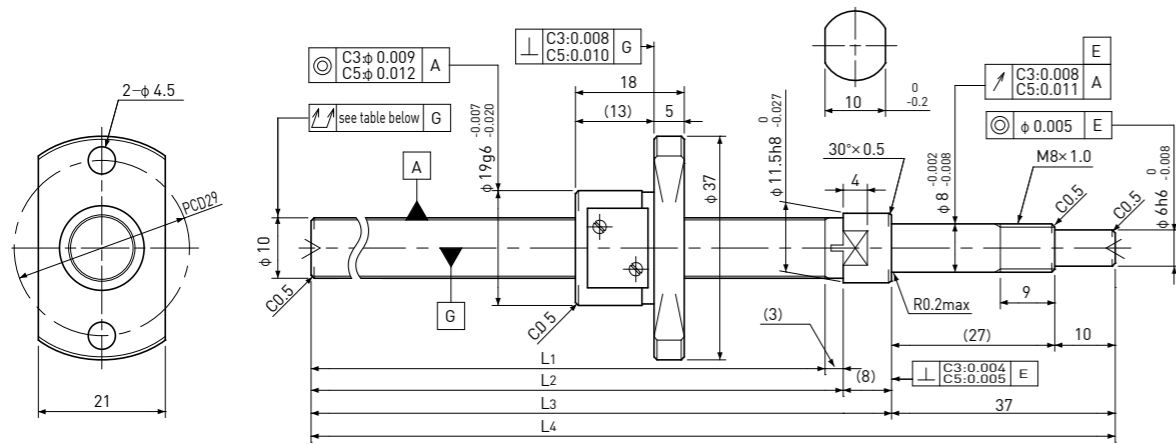
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG802-099R140C3	75	C3	99	103	110	140	± 0.008	0.008	0.035	0 Spacer ball (1:1)	0.004~ 0.020	1550	2100
ASG802-129R170C3	105	C3	129	133	140	170	± 0.010	0.008	0.035				
ASG802-159R200C3	135	C3	159	163	170	200	± 0.010	0.008	0.035				
ASG802-209R250C3	185	C3	209	213	220	250	± 0.012	0.008	0.050				
ASG802-099R140C5	75	C5	99	103	110	140	± 0.018	0.018	0.050	~ 0.005	-	2400	4100
ASG802-129R170C5	105	C5	129	133	140	170	± 0.020	0.018	0.050				
ASG802-159R200C5	135	C5	159	163	170	200	± 0.020	0.018	0.050				
ASG802-209R250C5	185	C5	209	213	220	250	± 0.023	0.018	0.065				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG1001

Shaft dia. $\phi 10$ / Lead 1mm / C3&C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 0.8$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	L5: Thread length after end-journal machining. L6: Total length after end-journal machining.		
Shaft root dia.	$\phi 9.3$	Support-unit recommendation		
Number of circuit	3.7x1	Supported-side : MSU-8CS/8GS, EF8		
Shaft, nut material	SCM415H	Fixed-side : MSU-8C/6G, EK8		
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

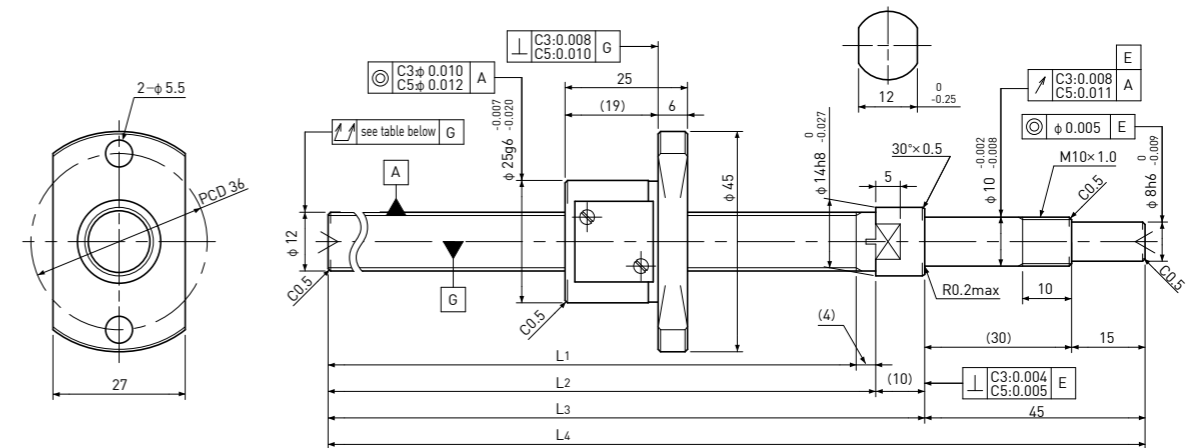
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1001-112R160C3	90	C3	112	115	123	160	± 0.010	0.008	0.035	0 Spacer ball (1:1)	~0.020	530	1000
ASG1001-162R210C3	140	C3	162	165	173	210	± 0.010	0.008	0.040				
ASG1001-212R260C3	190	C3	212	215	223	260	± 0.012	0.008	0.040				
ASG1001-262R310C3	240	C3	262	265	273	310	± 0.012	0.008	0.040				
ASG1001-112R160C5	90	C5	112	115	123	160	± 0.020	0.018	0.040	~0.005	-	840	2000
ASG1001-162R210C5	140	C3	162	165	173	210	± 0.020	0.018	0.055				
ASG1001-212R260C5	190	C5	212	215	223	260	± 0.023	0.018	0.055				
ASG1001-262R310C5	240	C5	262	265	273	310	± 0.023	0.018	0.055				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG1002

Shaft dia. $\phi 10$ / Lead 2mm / C3&C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 1.5875$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	L5: Thread length after end-journal machining. L6: Total length after end-journal machining.		
Shaft root dia.	$\phi 8.6$	Support-unit recommendation		
Number of circuit	3.7x1	Supported-side : MSU-8CS/8GS, EF8		
Shaft, nut material	SCM415H	Fixed-side : MSU-8C/8G, EK8		
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

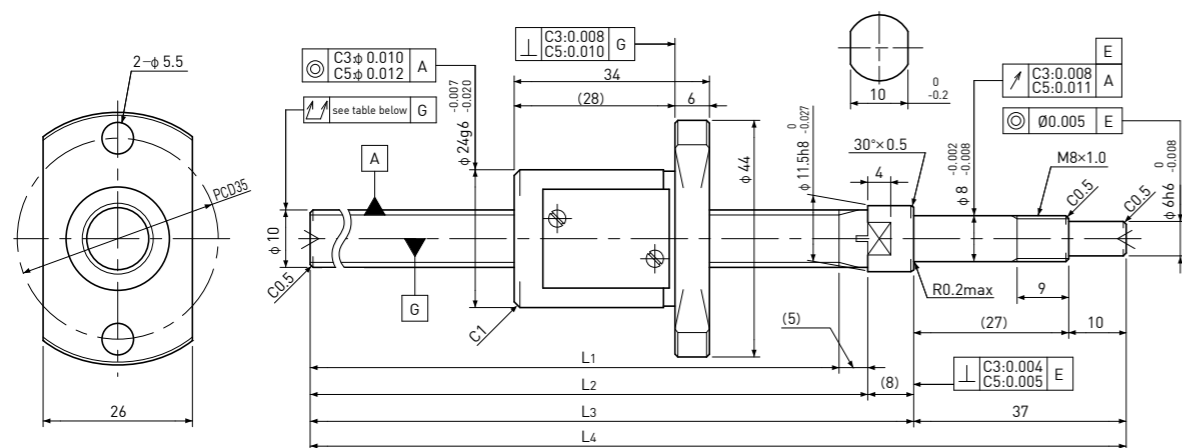
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1002-111R160C3	85	C3	111	115	123	160	± 0.010	0.008	0.035	0 Spacer ball (1:1)	0.006~0.030	1750	2700
ASG1002-161R210C3	135	C3	161	165	173	210	± 0.010	0.008	0.040				
ASG1002-211R260C3	185	C3	211	215	223	260	± 0.012	0.008	0.040				
ASG1002-261R310C3	235	C3	261	265	273	310	± 0.012	0.008	0.040				
ASG1002-111R160C5	85	C5	111	115	123	160	± 0.020	0.018	0.040	~0.005	-	2700	5300
ASG1002-161R210C5	135	C5	161	165	173	210	± 0.020	0.018	0.055				
ASG1002-211R260C5	185	C5	211	215	223	260	± 0.023	0.018	0.055				
ASG1002-261R310C5	235	C5	261	265	273	310	± 0.023	0.018	0.055				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG1005

Shaft dia. $\phi 10$ / Lead 5mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 2.0$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right			
Shaft root dia.	$\phi 8.2$			
Number of circuit	2.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L ₅ : Thread length after end-journal machining. L ₆ : Total length after end-journal machining.		
		Support-unit recommendation Supported-side : MSU-8CS/8GS, EF8 Fixed-side : MSU-8C/6G, EK8		

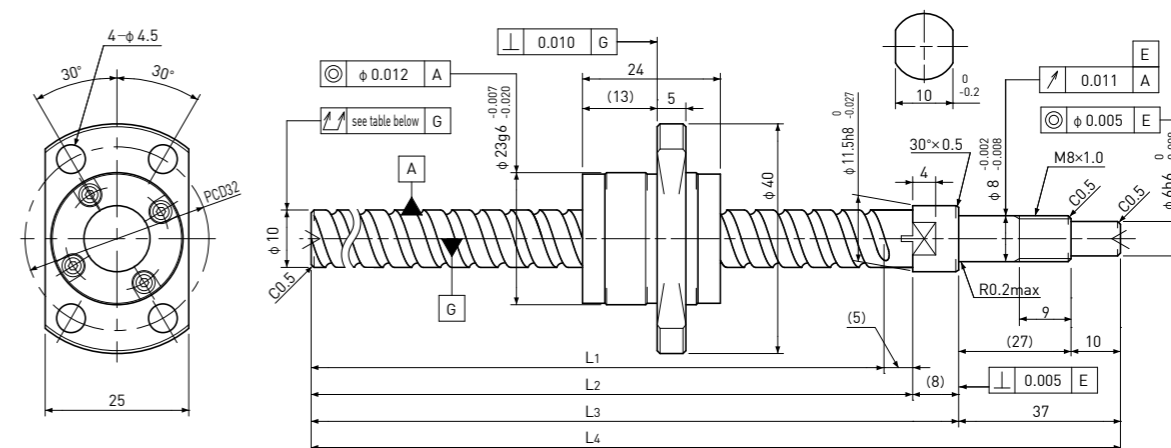
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG1005-110R160C3	75	C3	110	115	123	160	± 0.010	0.008	0.035	0 Spacer ball (1:1)	0.005~ 0.040	1800	2600
ASG1005-260R310C3	225	C3	260	265	273	310	± 0.012	0.008	0.040				
ASG1005-110R160C5	75	C5	110	115	123	160	± 0.020	0.018	0.040	~0.005	-	3000	5200
ASG1005-260R310C5	225	C5	260	265	273	310	± 0.023	0.018	0.055				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG1010

Shaft dia. $\phi 10$ / Lead 10mm / C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 2.0$	A-type	B-type	C-type
Number of thread	2			
Thread direction	Right			
Shaft root dia.	$\phi 8.4$			
Number of circuit	1.6x2			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L ₅ : Thread length after end-journal machining. L ₆ : Total length after end-journal machining.		
		Support-unit recommendation Supported-side : MSU-8CS/8GS, EF8 Fixed-side : MSU-8C/8G, EK8		

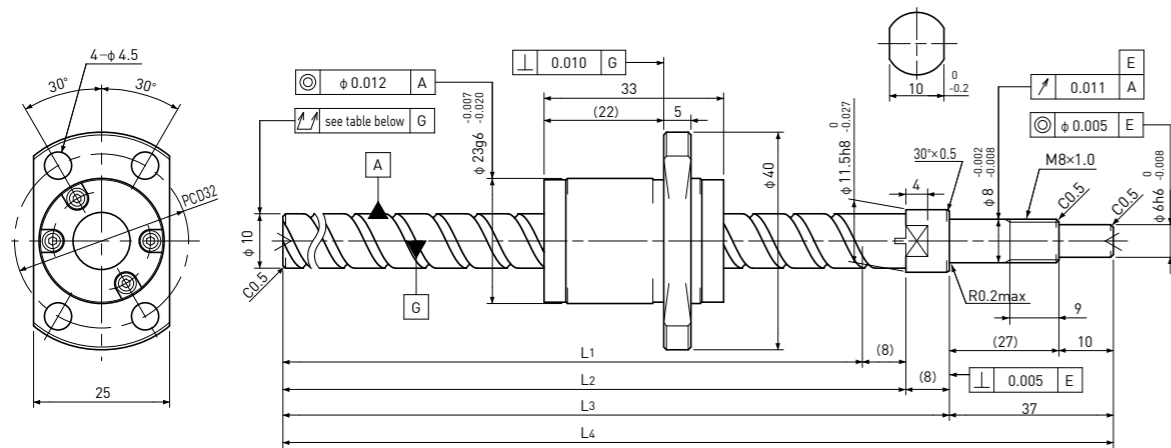
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG1010-110R160C5	85	C5	110	115	123	160	± 0.020	0.008	0.040	~0.005	-	3300	5900
ASG1010-260R310C5	235	C5	260	265	273	310	± 0.023	0.018	0.055				

Note) Please refer to p. I-217 for order code of end-journal machining.

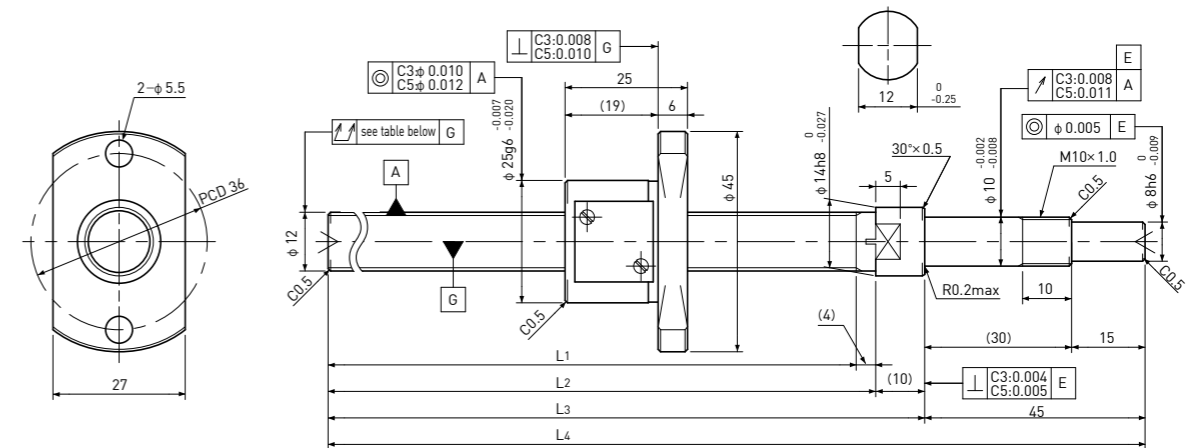
ASG1015

Shaft dia. $\phi 10$ / Lead 15mm / C5



ASG1202

Shaft dia. $\phi 12$ / Lead 2mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 2.0$	A-type	B-type	C-type
Number of thread	2			
Thread direction	Right			
Shaft root dia.	$\phi 8.4$			
Number of circuit	1.6x2			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L ₅ : Thread length after end-journal machining. L ₆ : Total length after end-journal machining.		
		Support-unit recommendation Supported-side : MSU-8CS/8GS, EF8 Fixed-side : MSU-8C/6G, EK8		

(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 1.5875$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right			
Shaft root dia.	$\phi 10.6$			
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L ₅ : Thread length after end-journal machining. L ₆ : Total length after end-journal machining.		
		Support-unit recommendation Supported-side : EF10 Fixed-side : EK10		

(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG1015-107R160C5	70	C5	107	115	123	160	± 0.020	0.018	0.040	~0.005	-	3300	6400
ASG1005-260R310C5	220	C5	257	265	273	310	± 0.023	0.018	0.055				

Note) Please refer to p. I-217 for order code of end-journal machining.

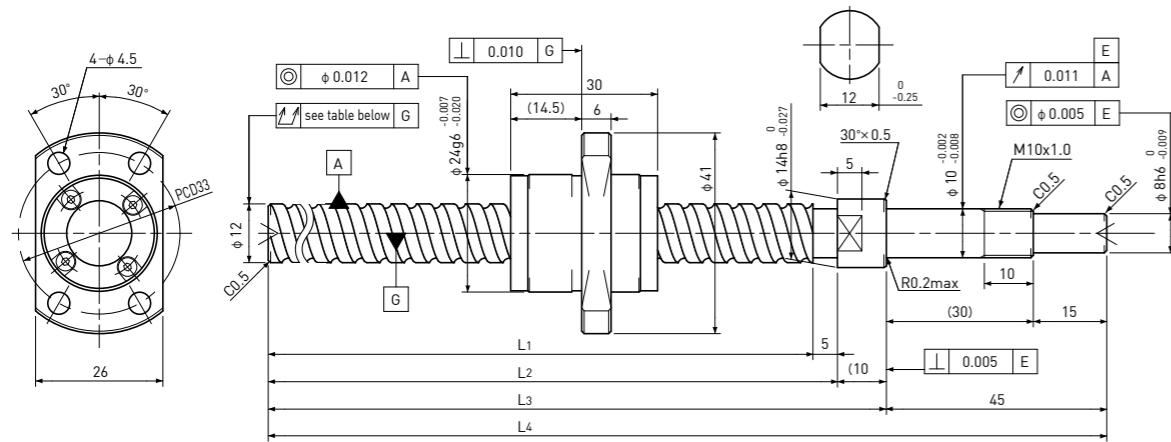
(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	L ₃	L ₄	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASG1202-141R200C3	115	C3	141	145	155	200	± 0.010	0.008	0.035	0 Spacer Ball (1:1)	0.008~ 0.040	1900	3200
ASG1202-191R250C3	165	C3	191	195	205	250	± 0.010	0.008	0.040				
ASG1202-241R300C3	215	C3	241	245	255	300	± 0.012	0.008	0.040				
ASG1202-291R350C3	265	C3	291	295	305	350	± 0.012	0.008	0.050				
ASG1202-341R400C3	315	C3	341	345	355	400	± 0.013	0.010	0.050				
ASG1202-141R200C5	115	C5	141	145	155	200	± 0.020	0.018	0.040	~0.005	-	3000	6400
ASG1202-191R250C5	165	C5	191	195	205	250	± 0.020	0.018	0.055				
ASG1202-241R300C5	215	C5	241	245	255	300	± 0.023	0.018	0.055				
ASG1202-291R350C5	265	C5	291	295	305	350	± 0.023	0.018	0.065				
ASG1202-341R400C5	315	C5	341	345	355	400	± 0.025	0.020	0.065				

Note) Please refer to p. I-217 for order code of end-journal machining.

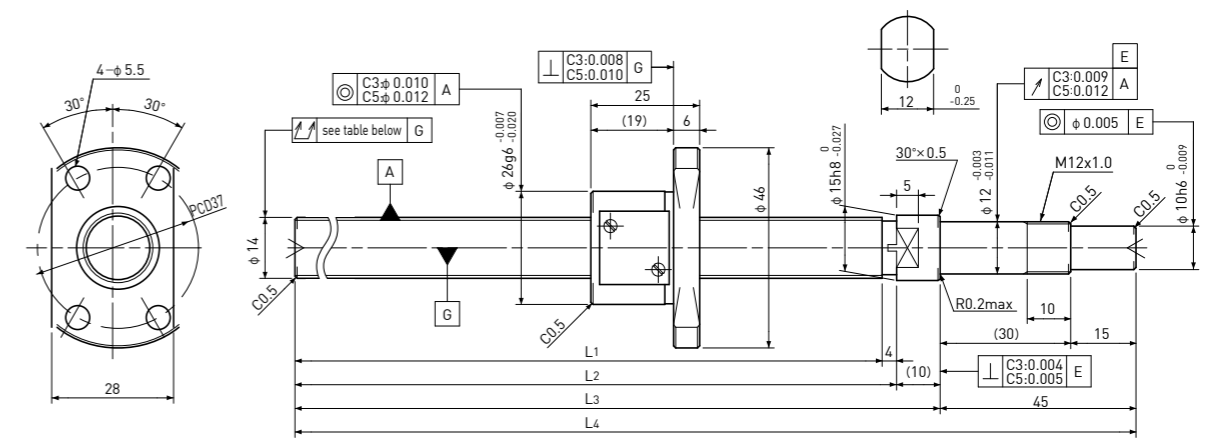
ASG1210

Shaft dia. $\phi 12$ / Lead 10mm / C5



ASG1402

Shaft dia. $\phi 14$ / Lead 2mm / C3 & C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 2.381$	A-type	B-type	C-type
Number of thread	2			
Thread direction	Right	<p>L5: Thread length after end-journal machining. L6: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 10.2$	<p>Support-unit recommendation</p> <p>Supported-side : EF10 Fixed-side : EK10</p>		
Number of circuit	1.7x2			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 1.5875$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right	<p>L5: Thread length after end-journal machining. L6: Total length after end-journal machining.</p>		
Shaft root dia.	$\phi 12.6$	<p>Support-unit recommendation</p> <p>Supported-side : EF12 Fixed-side : EK12</p>		
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			

(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1210-240R300C5	210	C5	240	245	255	300	± 0.023	0.018	0.055	~ 0.005	-	5100	9800
ASG1210-340R400C5	310	C5	340	345	355	400	± 0.025	0.020	0.065				

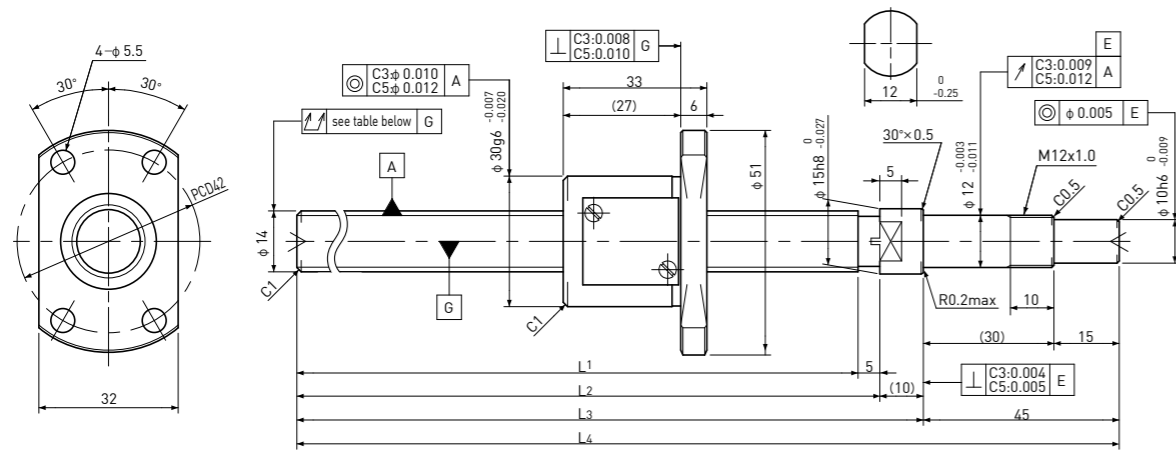
Note) Please refer to p. I-217 for order code of end-journal machining.

(Unit: mm)

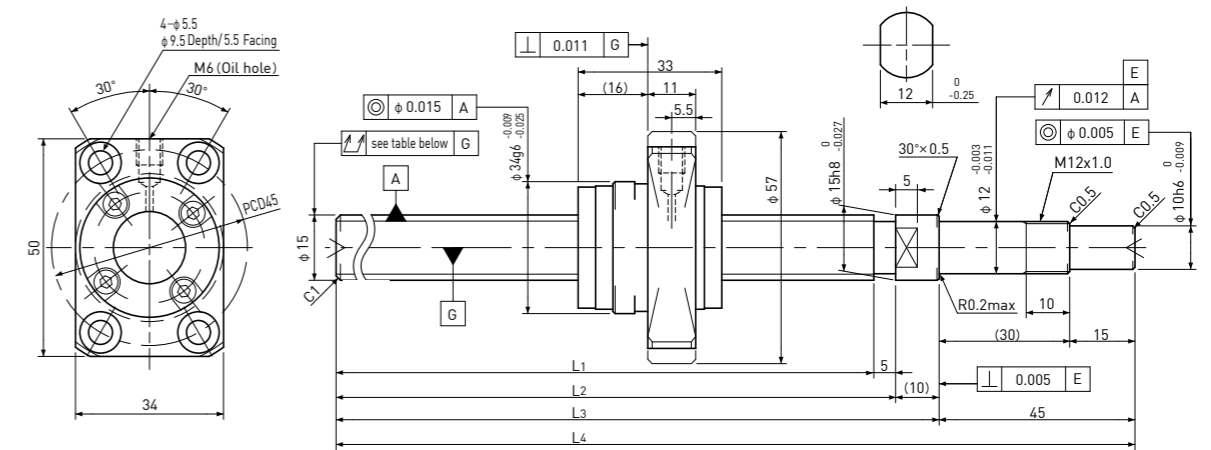
Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1402-141R200C3	115	C3	141	145	155	200	± 0.010	0.008	0.025	0 Spacer Ball (1:1)	0.010~ 0.050	2000	3800
ASG1402-191R250C3	165	C3	191	195	205	250	± 0.010	0.008	0.030				
ASG1402-241R300C3	215	C3	241	245	255	300	± 0.012	0.008	0.030				
ASG1402-291R350C3	265	C3	291	295	305	350	± 0.012	0.008	0.040				
ASG1402-391R400C3	365	C3	391	395	405	450	± 0.013	0.010	0.050				
ASG1402-141R200C5	115	C5	141	145	155	200	± 0.020	0.018	0.040	~ 0.005	-	3200	7500
ASG1402-191R250C5	165	C5	191	195	205	250	± 0.020	0.018	0.045				
ASG1402-241R300C5	215	C5	241	245	255	300	± 0.023	0.018	0.045				
ASG1402-291R350C5	265	C5	291	295	305	350	± 0.023	0.018	0.055				
ASG1402-391R400C5	365	C5	391	395	405	450	± 0.025	0.020	0.060				

Note) Please refer to p. I-217 for order code of end-journal machining.

ASG1404 Shaft dia. $\phi 14$ / Lead 4mm / C3 & C5



ASG1505 Shaft dia. $\phi 15$ / Lead 5mm / C5



(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 2.381$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right			
Shaft root dia.	$\phi 11.8$			
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L5: Thread length after end-journal machining. L6: Total length after end-journal machining.		
		Support-unit recommendation Supported-side : EF12 Fixed-side : EK12		

(Unit: mm)

Ball Screw specification		Supported-side-end-journal profile		
Ball size	$\phi 3.175$	A-type	B-type	C-type
Number of thread	1			
Thread direction	Right			
Shaft root dia.	$\phi 12.2$			
Number of circuit	3.7x1			
Shaft, nut material	SCM415H			
Surface hardness	HRC58~62 (Thread area)			
Anti-rust treatment	Anti-rust oil			
		L5: Thread length after end-journal machining. L6: Total length after end-journal machining.		
		Support-unit recommendation Supported-side : EF12 Fixed-side : EK12		

(Unit: mm)

Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1404-190R250C3	155	C3	190	195	205	250	± 0.010	0.008	0.030	0 Spacer ball (1:1)	0.020~0.070	360	5800
ASG1404-240R300C3	205	C3	240	245	255	300	± 0.012	0.008	0.030				
ASG1404-290R350C3	255	C3	290	295	305	350	± 0.012	0.008	0.040				
ASG1404-390R450C3	355	C3	390	395	405	450	± 0.013	0.010	0.050				
ASG1404-490R550C3	455	C3	490	495	505	550	± 0.015	0.010	0.055				
ASG1404-190R250C5	155	C5	190	195	205	250	± 0.020	0.018	0.045	~0.005	-	5700	11600
ASG1404-240R300C5	205	C5	240	245	255	300	± 0.023	0.018	0.045				
ASG1404-290R350C5	255	C5	290	295	305	350	± 0.023	0.018	0.055				
ASG1404-390R450C5	355	C5	390	395	405	450	± 0.025	0.020	0.060				
ASG1404-490R550C5	455	C5	490	495	505	550	± 0.027	0.020	0.075				

(Unit: mm)

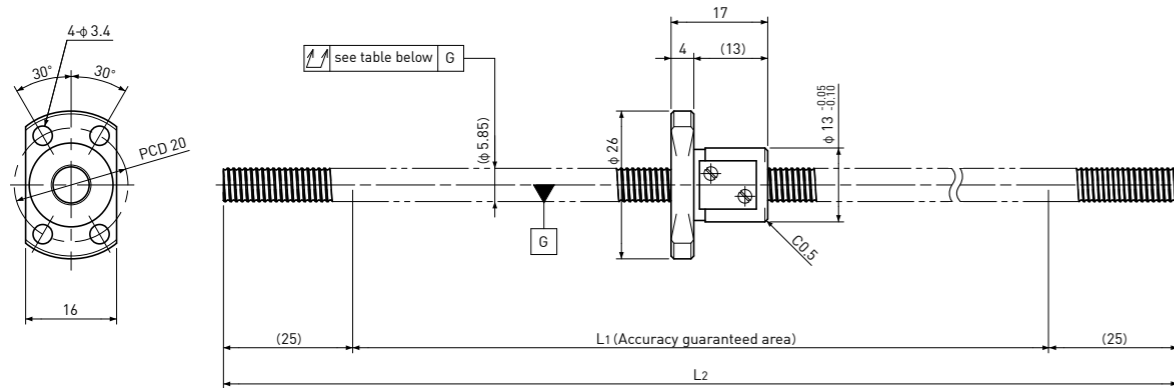
Model number	Travel	Grade	Shaft length				Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L1	L2	L3	L4	Travel deviation e_p	Variation V_u				C_a	C_{0a}
ASG1505-340R400C5	305	C5	340	345	355	400	± 0.025	0.020	0.055	~0.005	-	8900	17000
ASG1505-340R400C5	505	C5	540	545	555	600	± 0.030	0.023	0.075				

Note) Please refer to p. I-217 for order code of end-journal machining.

Note) Please refer to p. I-217 for order code of end-journal machining.

ASR0601

Shaft dia. $\phi 6$ / Lead 1mm / Ct7 & Ct10



Spec.

(Unit: mm)

Ball size	$\phi 0.8$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 5.3$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

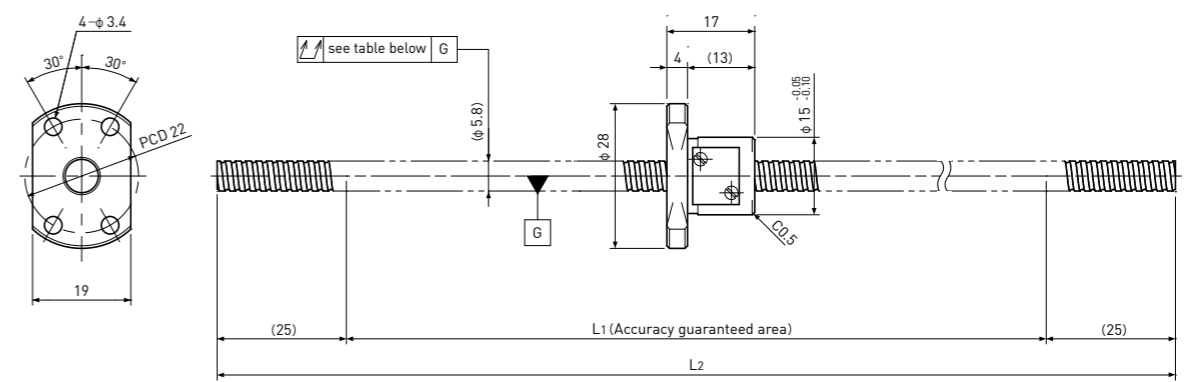
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR0601-300R300C7	230	Ct7	250	300	± 0.08	0.05	0.120	~ 0.020	-	680	1200
ASR0601-300R300C10	230	Ct10	250	300	± 0.35	0.21	0.240	~ 0.050	-	680	1200

Note) Please designate end-journal profile with your sketch.

ASR0602

Shaft dia. $\phi 6$ / Lead 2mm / Ct7 & Ct10



Spec.

(Unit: mm)

Ball size	$\phi 1.0$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 5.1$
Number of circuit	2.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

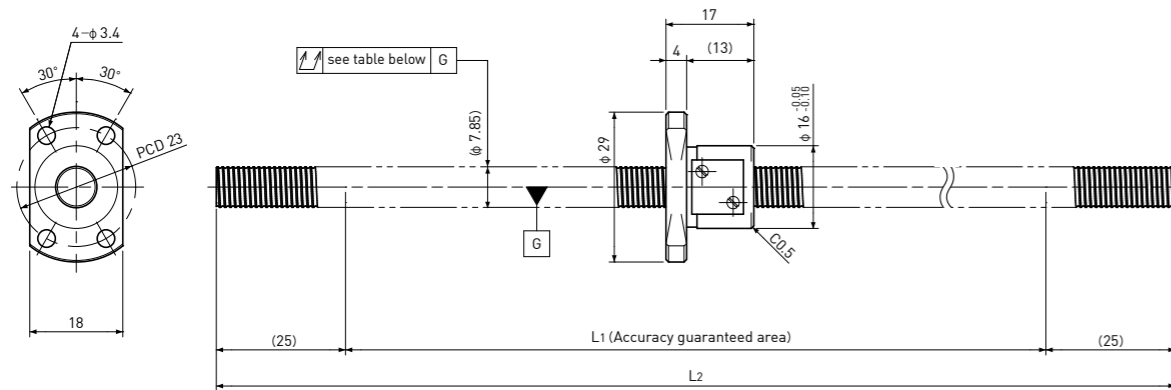
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR0602-300R300C7	230	Ct7	250	300	± 0.08	0.05	0.120	~ 0.020	-	750	1200
ASR0602-300R300C10	230	Ct10	250	300	± 0.35	0.21	0.240	~ 0.050	-	750	1200

Note) Please designate end-journal profile with your sketch.

ASR0801

Shaft dia. $\phi 8$ / Lead 1mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 0.8$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 7.3$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

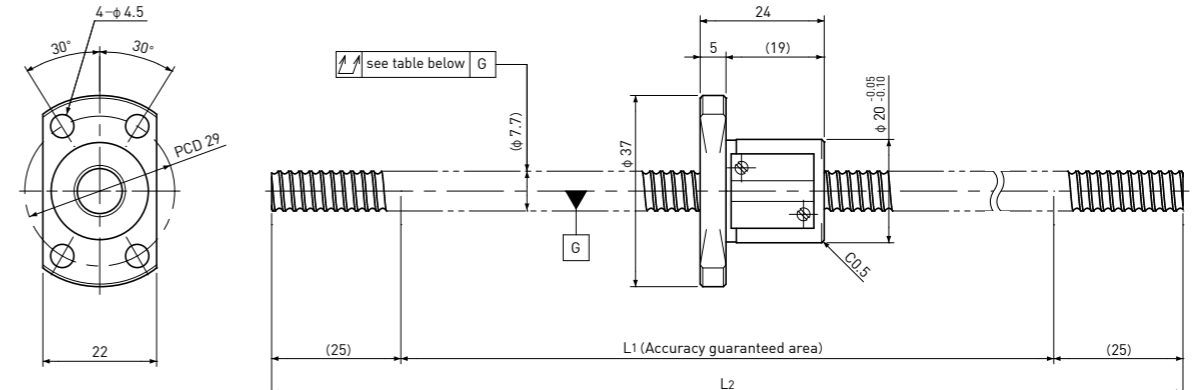
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _p	Variation V _u				C _a	C _{0a}
ASR0801-400R400C7	330	Ct7	350	400	± 0.12	0.05	0.120	~ 0.020	-	780	1650
ASR0801-400R400C10	330	Ct10	350	400	± 0.49	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR0802

Shaft dia. $\phi 8$ / Lead 2mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 1.5875$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 6.6$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

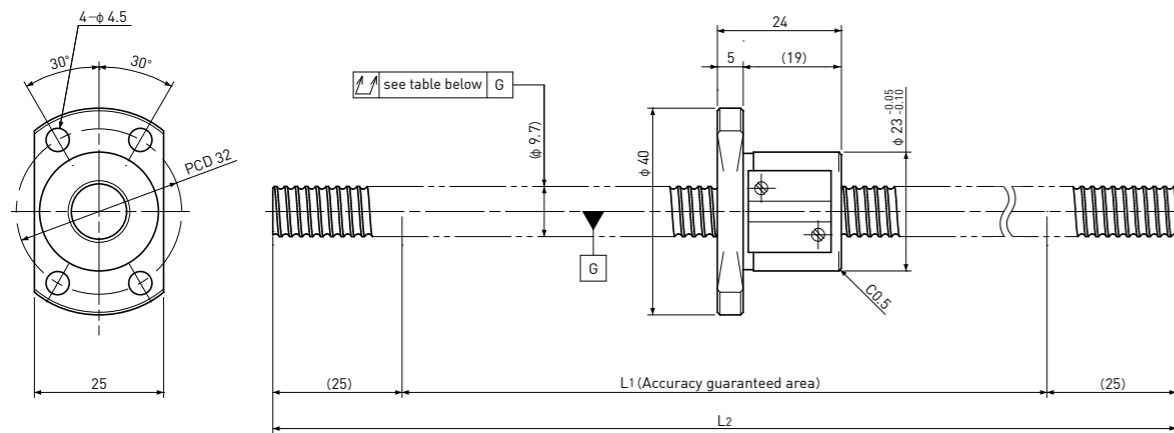
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _p	Variation V _u				C _a	C _{0a}
ASR0802-400R400C7	325	Ct7	350	400	± 0.12	0.05	0.120	~ 0.020	-	2400	4100
ASR0802-400R400C10	325	Ct10	350	400	± 0.49	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1002

Shaft dia. $\phi 10$ / Lead 2mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 1.5875$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 8.6$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

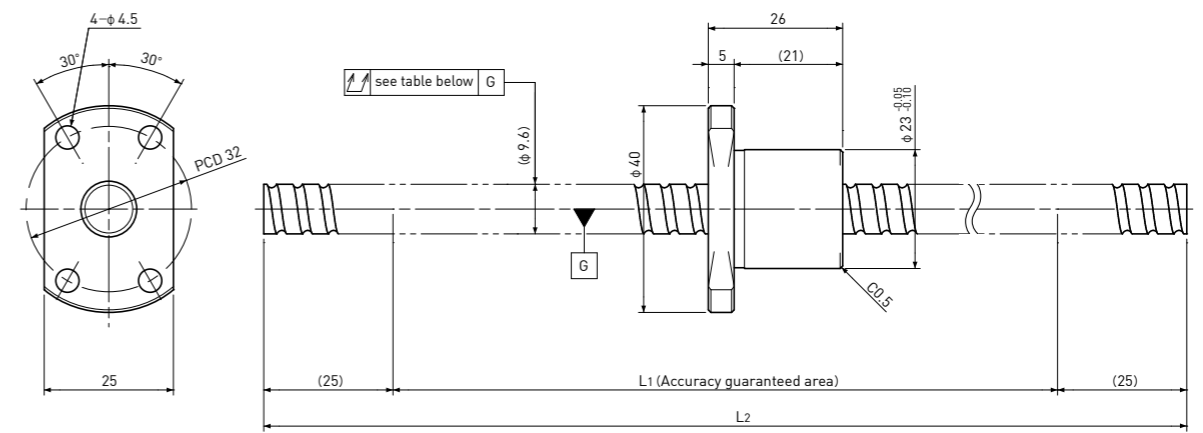
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1002-400R400C7	325	Ct7	350	400	± 0.12	0.05	0.120	~ 0.020	-	2700	5300
ASR1002-400R400C10	325	Ct10	350	400	± 0.49	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1005

Shaft dia. $\phi 10$ / Lead 5mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 2.0$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 8.2$
Number of circuit	2.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

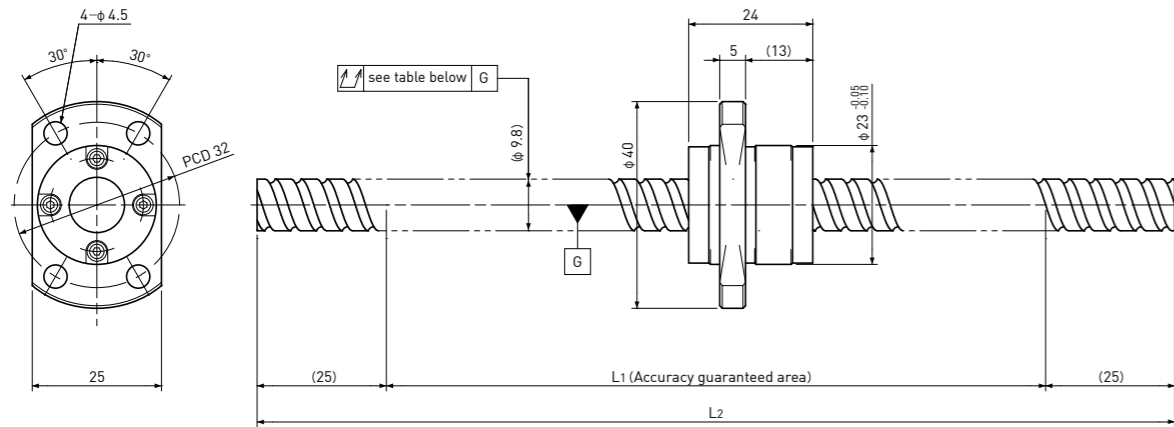
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1005-450R450C7	370	Ct7	400	450	± 0.13	0.05	0.120	~ 0.020	-	3000	5200
ASR1005-450R450C10	370	Ct10	400	450	± 0.56	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1010

Shaft dia. $\phi 10$ / Lead 10mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 2.0$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 8.4$
Number of circuit	1.6x2
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

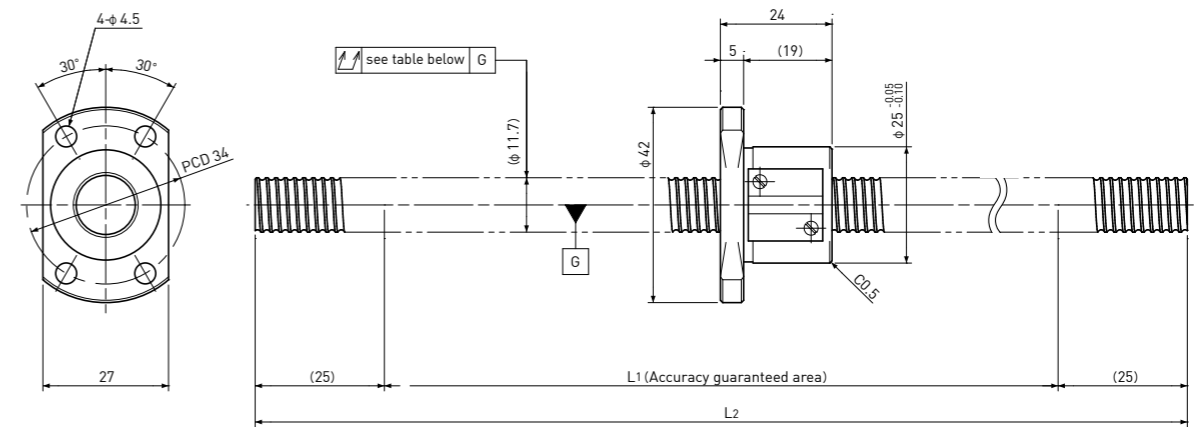
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1010-450R450C7	375	Ct7	400	450	± 0.13	0.05	0.120	~ 0.020	-	3300	5900
ASR1010-450R450C10	375	Ct10	400	450	± 0.21	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1202

Shaft dia. $\phi 12$ / Lead 2mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 1.5875$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 10.6$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

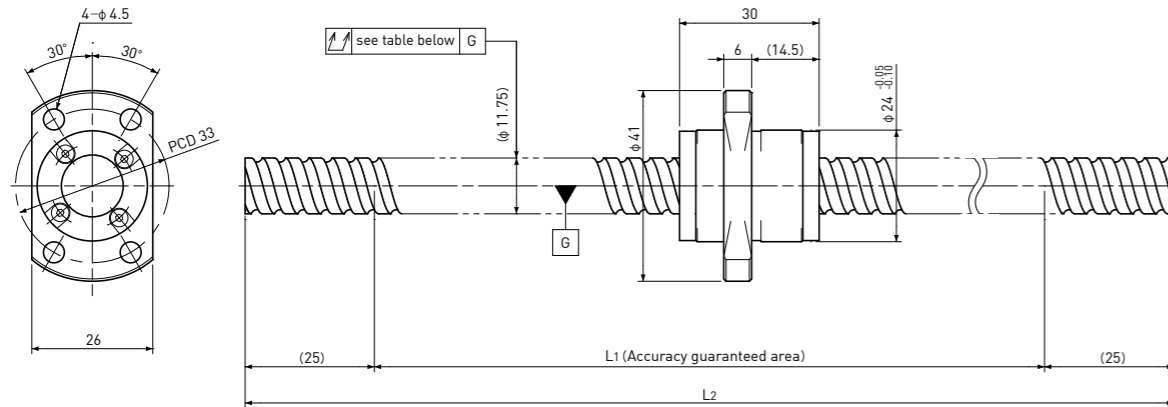
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1202-450R450C7	375	Ct7	400	450	± 0.13	0.05	0.080	~ 0.020	-	3000	6400
ASR1202-450R450C10	375	Ct10	400	450	± 0.56	0.21	0.160	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1210

Shaft dia. $\phi 12$ / Lead 10mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 2.381$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 10.2$
Number of circuit	1.7x2
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

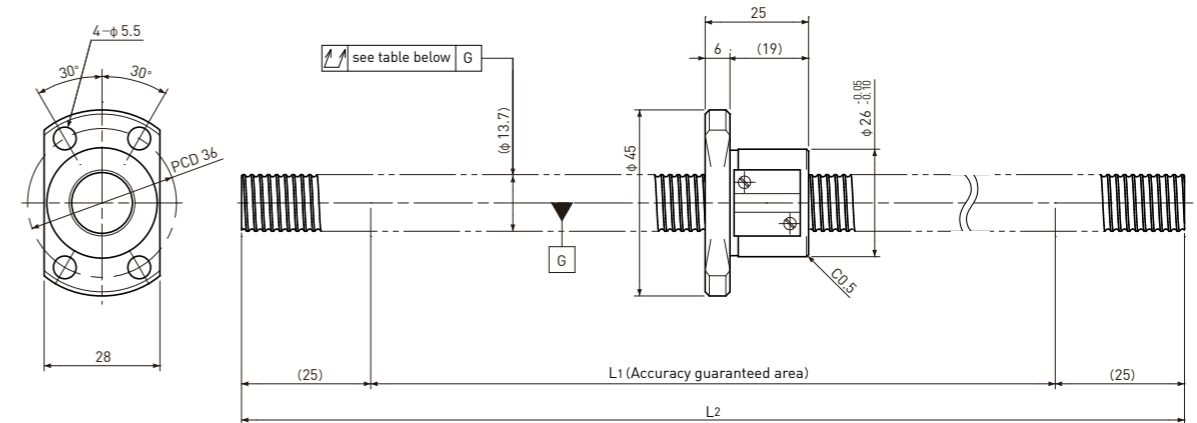
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1210-450R500C7	370	Ct7	400	450	± 0.13	0.05	0.080	~ 0.020	-	5100	9800
ASR1210-450R500C10	370	Ct10	400	450	± 0.21	0.21	0.160	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1402

Shaft dia. $\phi 14$ / Lead 2mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 1.5875$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 12.6$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

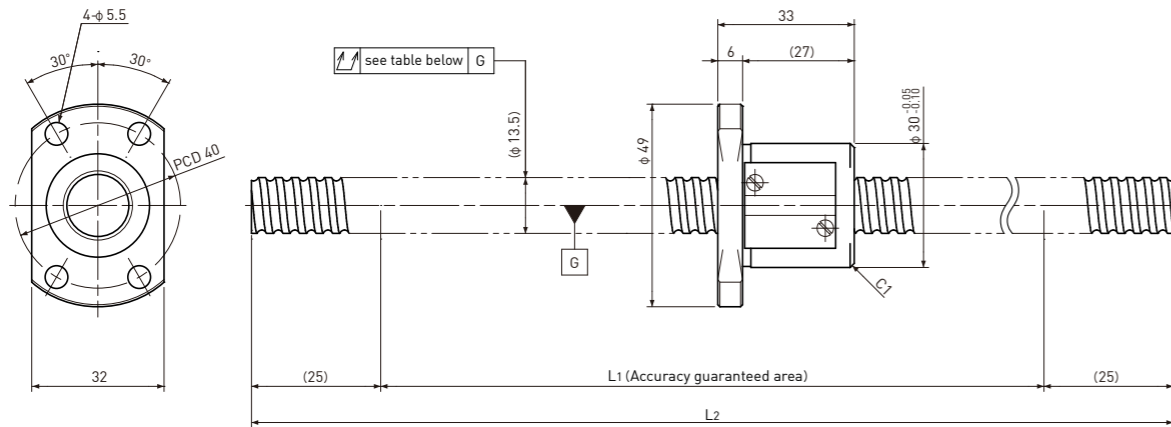
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1402-500R500C7	425	Ct7	500	450	± 0.15	0.05	0.080	~ 0.020	-	3200	7500
ASR1402-500R500C10	425	Ct10	500	450	± 0.63	0.21	0.160	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1404

Shaft dia. $\phi 14$ / Lead 4mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 2.381$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 11.8$
Number of circuit	3.7x1
Shaft, nut material	SCM415H
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

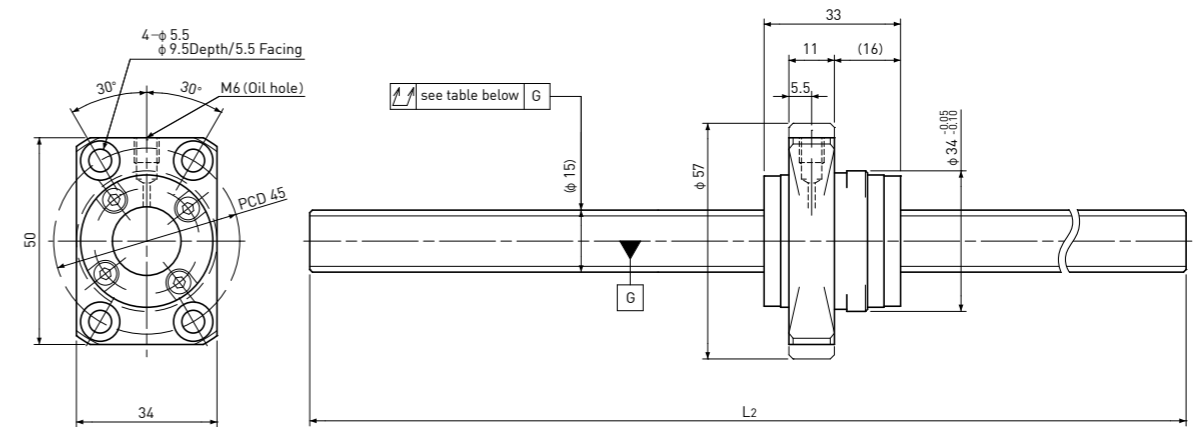
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1404-500R500C7	415	Ct7	450	500	± 0.15	0.05	0.080	~ 0.020	-	5700	11600
ASR1404-500R500C10	415	Ct10	450	500	± 0.63	0.21	0.160	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1505

Shaft dia. $\phi 15$ / Lead 5mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 3.175$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 12.2$
Number of circuit	3.7x1
Shaft, nut material	SUJ2, SCM415
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

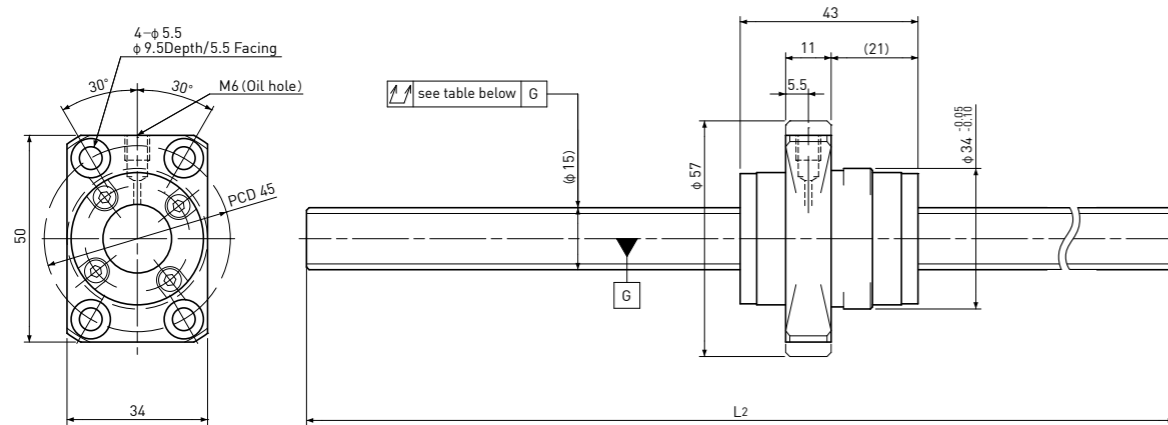
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1505-1000R1000C7	965	Ct7	-	1000	± 0.34	0.05	0.200	~ 0.020	-	8900	17000
ASR1505-1000R1000C10	965	Ct10	-	1000	± 1.40	0.21	0.400	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASR1510

Shaft dia. $\phi 15$ / Lead 10mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 3.175$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 12.2$
Number of circuit	2.7x2
Shaft, nut material	SUJ2, SCM415
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

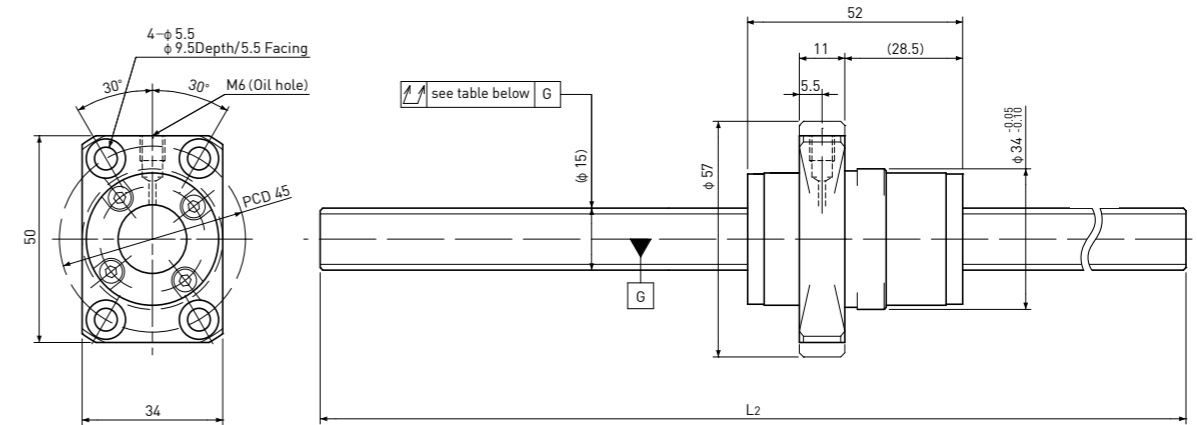
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1510-1000R1000C7	955	Ct7	-	1000	± 0.34	0.05	0.200	~ 0.020	-	12000	25000
ASR1510-1000R1000C10	955	Ct10	-	1000	± 1.40	0.21	0.400	~ 0.050	-	12000	25000

Note) Please designate end-journal profile with your sketch.

ASR1520

Shaft dia. $\phi 15$ / Lead 20mm / Ct7 & Ct10



■ Spec.

(Unit: mm)

Ball size	$\phi 3.175$
Number of thread	2
Thread direction	Right
Shaft root dia.	$\phi 12.7$
Number of circuit	1.7x2
Shaft, nut material	SUJ2, SCM415
Surface hardness	HRC58~62 (Thread area)
Anti-rust treatment	Anti-rust oil

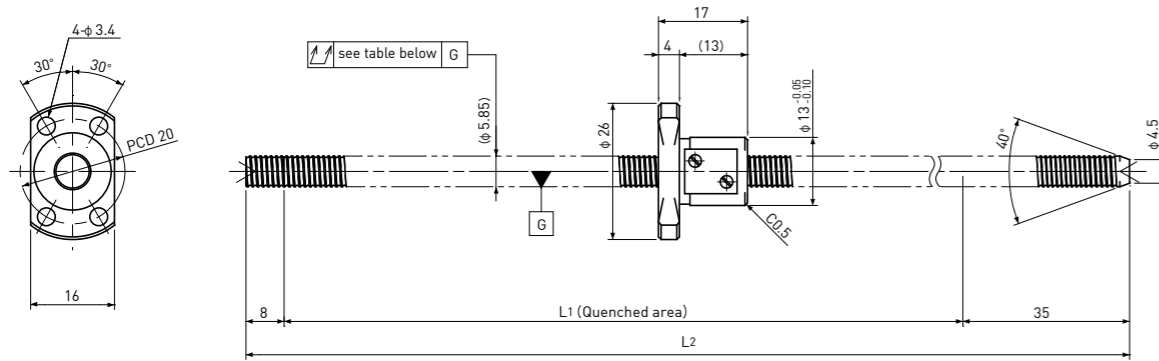
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASR1520-1000R1000C7	945	Ct7	-	1000	± 0.34	0.05	0.200	~ 0.020	-	8000	16000
ASR1520-1000R1000C10	945	Ct10	-	1000	± 1.40	0.21	0.400	~ 0.050	-	8000	16000

Note) Please designate end-journal profile with your sketch.

ASSR0601

Shaft dia. $\phi 6$ / Lead 1mm / Ct7 & Ct10 / Stainless



■ Spec.

(Unit: mm)

Ball size	$\phi 0.8$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 5.3$
Number of circuit	3.7x1
Shaft, nut material	SUS440C
Surface hardness	HRC55~ (Thread area)
Anti-rust treatment	Anti-rust oil

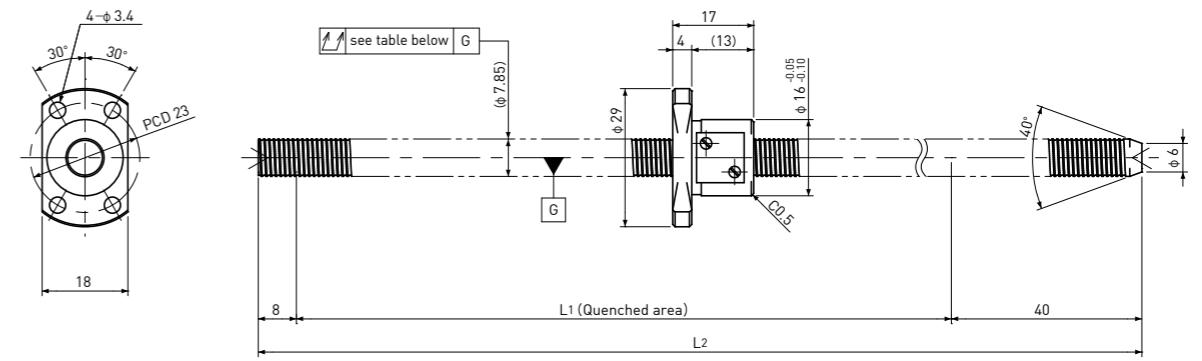
(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASSR0601-300C7	240	Ct7	257	300	± 0.09	0.05	0.120	~ 0.020	-	560	900
ASSR0601-300C10	240	Ct10	257	300	± 0.37	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASSR0801

Shaft dia. $\phi 8$ / Lead 1mm / Ct7 & Ct10 / Stainless



■ Spec.

(Unit: mm)

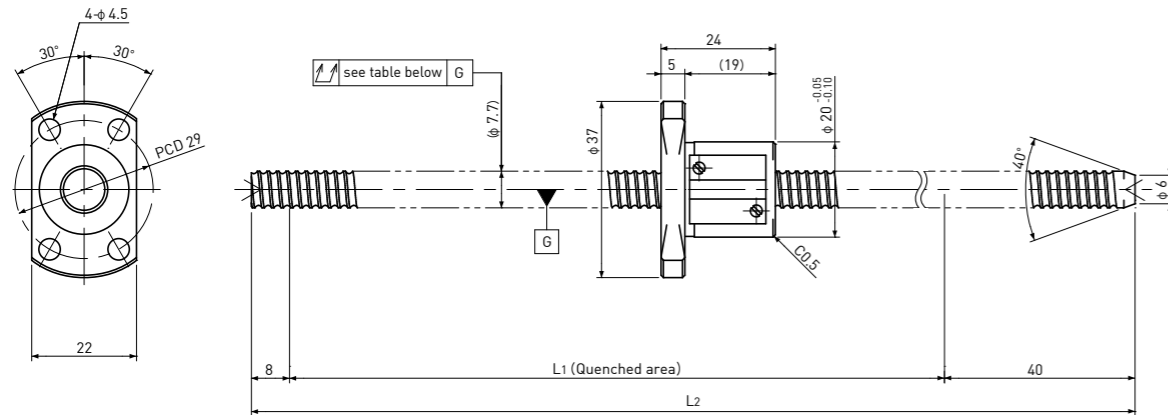
Ball size	$\phi 0.8$
Number of thread	1
Thread direction	Right
Shaft root dia.	$\phi 7.3$
Number of circuit	3.7x1
Shaft, nut material	SUS440C
Surface hardness	HRC55~ (Thread area)
Anti-rust treatment	Anti-rust oil

(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _P	Variation V _u				C _a	C _{0a}
ASSR0801-400C7	335	Ct7	352	400	± 0.10	0.05	0.120	~ 0.020	-	630	1250
ASSR0801-400C10	335	Ct10	352	400	± 0.50	0.21	0.240	~ 0.050			

Note) Please designate end-journal profile with your sketch.

ASSR0802 Shaft dia. ø8 / Lead 2mm / Ct7 & Ct10 / Stainless



■ Spec.

(Unit: mm)

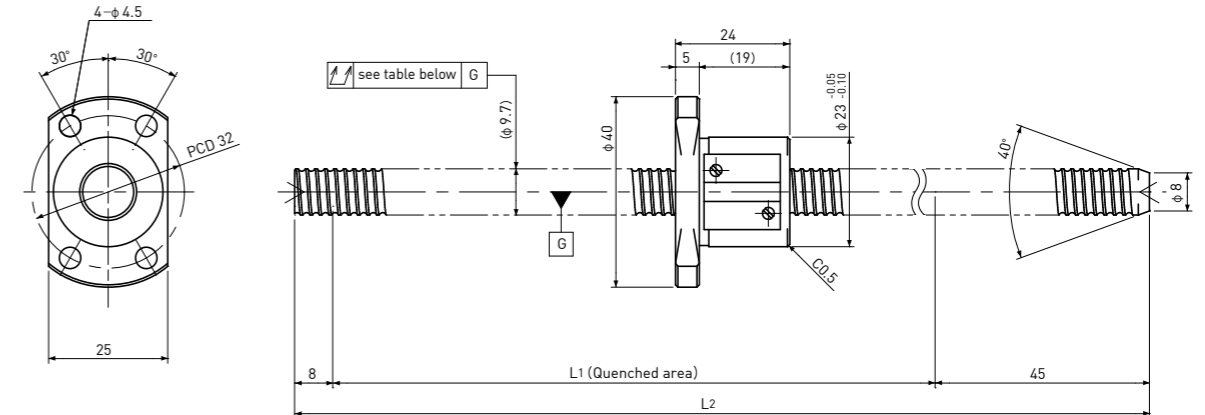
Ball size	ø1.5875
Number of thread	1
Thread direction	Right
Shaft root dia.	ø6.6
Number of circuit	3.7x1
Shaft, nut material	SUS440C
Surface hardness	HRC55~ (Thread area)
Anti-rust treatment	Anti-rust oil

(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _p	Variation V _u				C _a	C _{0a}
ASSR0802-400C7	325	Ct7	352	400	±0.10	0.05	0.120	~0.020	-	1950	3100
ASSR0802-400C10	325	Ct10	352	400	±0.50	0.21	0.240	~0.050			

Note) Please designate end-journal profile with your sketch.

ASSR1002 Shaft dia. ø10 / Lead 2mm / Ct7 & Ct10 / Stainless



■ Spec.

(Unit: mm)

Ball size	ø1.5875
Number of thread	1
Thread direction	Right
Shaft root dia.	ø8.6
Number of circuit	3.7x1
Shaft, nut material	SUS440C
Surface hardness	HRC55~ (Thread area)
Anti-rust treatment	Anti-rust oil

(Unit: mm)

Model number	Travel	Grade	Shaft length		Lead accuracy		Total run-out	Axial play	Preload torque	Basic load rating	
			L ₁	L ₂	Travel deviation e _p	Variation V _u				C _a	C _{0a}
ASSR1002-400C7	320	Ct7	347	400	±0.10	0.05	0.120	~0.020	-	2200	4000
ASSR1002-400C10	320	Ct10	347	400	±0.50	0.21	0.240	~0.050			

Note) Please designate end-journal profile with your sketch.