

End-cap method ball screws

H series

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* Refer to page E-1 and after for the shaft-end process drawings for the above sizes.

End-cap method ball screws H series

Features

● Optimal performance in high-speed conveyance achieved by larger lead

- Adoption of a larger lead has enabled a higher feed rate at a low rotational speed, effectively delivering lower vibration, noise, and heat generation.

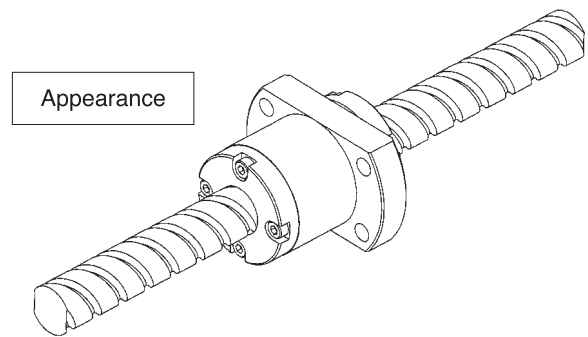
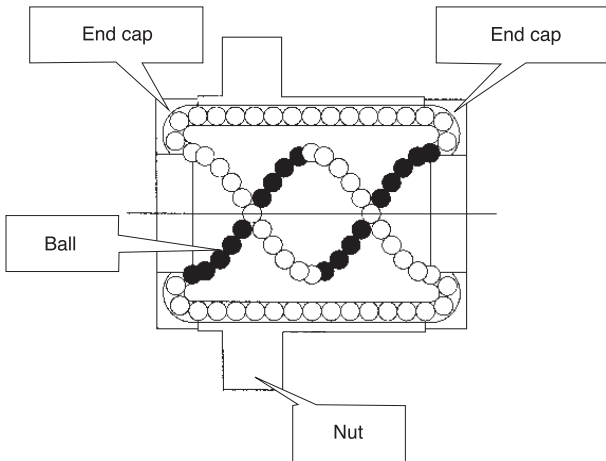
(Example) To obtain a feed rate of 1000 mm/s,
 a 20 mm lead requires a rotational speed of 3000 min⁻¹, however
 a 60 mm lead requires a rotational speed of only 1000 min⁻¹

● More compact nut achieved by adoption of multi-start thread

- Using a multi-start thread, the nut length which tends to be longer in larger lead has been kept short. The improved structure has realized improved compactness and rated specifications.

Summary of the specifications

- Shaft diameter: ø6 to ø32 mm, lead: 6 to 64 mm
 (Refer to the list of shaft diameters and lead combinations for more details.)
- Accuracy grade: C5 grade
- Nut type: single nut
- Recirculation system: end-cap method



Series product line-up

Series name		Nut type	Accuracy grade	Shaft diameter line-up	Shaft type	Product line
H series	HG series	Single nut	C5	ø6 ~ ø32	Both ends unfinished	Standard (in-stock) product line

- In the standard (in-stock) product line, both ends of the screw shaft are not finished. Additional end machining to fulfill your needs and operating conditions is required.
- Refer to page E-1 and after in this catalog for the shaft-end process drawings for in-stock products.

Model numbers of H series

Example of the model number	Model series	Screw shaft diameter	Lead	Number of circuits	Combination	Flange type	Ball recirculation system	Wiper material	Thread direction	Overall length of screw shaft	Shaft end type	Thread length	Accuracy grade	Axial clearance
	HG	08	12	Q	S	H	Q	Z	R	0900	X	0840	C5	H
	HG	6 ~ 32	6 ~ 64	Q	S	See specifications.	Q	See specifications.	R	To be shown with a 4-digit number in metric unit (mm)	A, X	To be shown with a 4-digit number in metric unit (mm)	C5	F, H

- For more details, refer to specifications and data for each size.

Shaft diameter and lead combinations

Screw shaft diameter (mm)	Lead (mm)								
	6	12	20	30	32	40	50	60	64
6	S								
8		S							
12				S					
15			S			S			
16					S				
20			S	S		S		S	
25							S		
32									S

- The symbol in the above table represents:
S: single nut
- In H series, only the ball screws in standard (in-stock) line are available.

Options available for standard (in-stock) ball screws

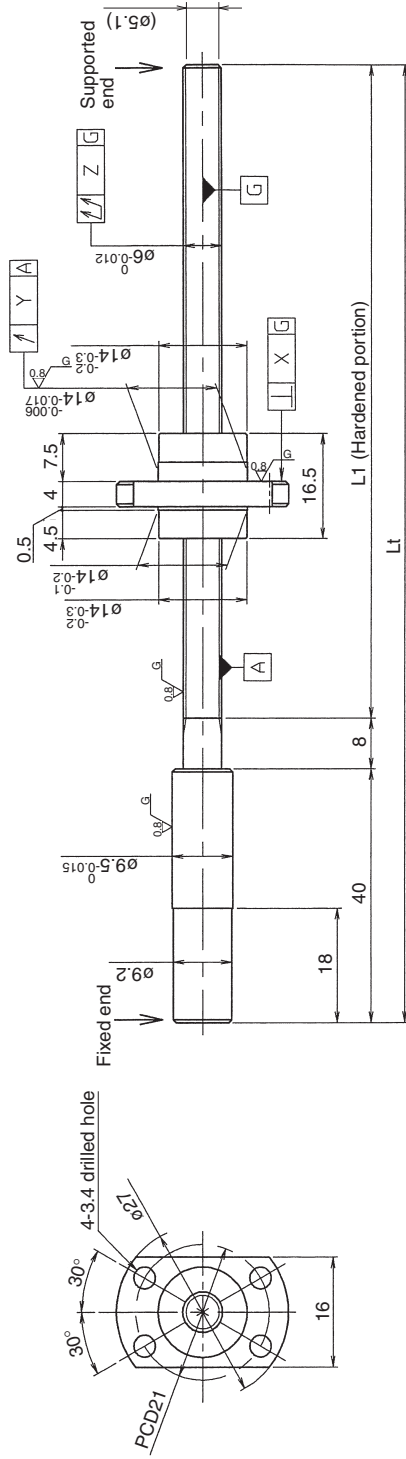
Series	Additional end machining	Axial clearance adjustment	Surface treatment	Grease	Direction of nut	Wiper detachment
HG series	o	See the notes below.	o	o	o	See the notes below.

- In HG series, both ends of the screw shaft are not finished. Additional end machining to fulfill your needs and operating conditions is required.
- Only the screw models with a wiper is available in HG series.
- Contact KURODA if you need an axial clearance adjustment.
- The surface treatment mentioned above is anti corrosive black coating (1 to 2 μm).
- Alvania Grease S2 is contained in a nut shipped from KURODA, unless otherwise specified. Contact KURODA if you want other greases to be contained.

UNFINISHED SHAFT ENDS

Screw shaft diameter ø6, Lead 6

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG0606QS-HEZR-□□□□□A
- With end machining specified on your drawing
HG0606QS-□EZR-□□□□X□□□□□-C5H

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Lead accuracy		Wiper	Mass (kg)
							±Ec	ec		
HG0606QS-HEZR-0210A	~0.010(H)	162	210	0.010	0.012	0.065	0.023	0.018	*	0.08

* For the asterisked part, the lip of the end cap serves as a wiper.

• End cap is made of resin (PPS).

• Support unit: BUK-6 or BUM-6 is recommended.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 µm). In case of Anticorrosive black coating, treatment of end cap is omitted.

Note 2: For axial clearance adjustment, consult KURODA.

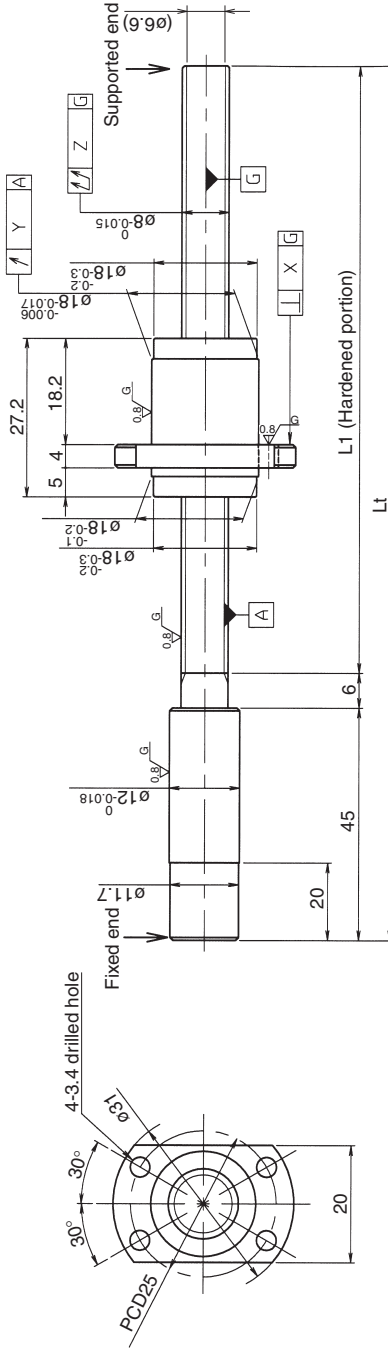
Ball screw specifications

Screw shaft diameter	Lead	Thread direction	Number of circuits	Ball diameter	Number of threads	Axial clearance	Basic dynamic load rating	Basic static load rating	Spacer ball	Grease
6	6	Right-hand	1.5 turn 2 circuit	1.000	2	~0.010(H)	760N	1140N	None	Multitemp PS2

UNFINISHED SHAFT ENDS

Screw shaft diameter $\phi 8$, Lead 12

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG0812QS-HEZR-□□□□□A
- With end machining specified on your drawing
HG0812QS-□EZR-□□□□X□□□□-C5H

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Lead accuracy		Wiper	Mass (kg)
							±Ec	ec		
HG0812QS-HEZR-0340A	~0.010(H)	289	340	0.010	0.012	0.075	0.023	0.018	*	0.20

* For the asterisked part, the lip of the end cap serves as a wiper.

• Support unit: BUK-8A (BUK-8F, BUK-6S) or BUM-8 is recommended.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	\emptyset	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm). In case of Anticorrosive black coating, treatment of end cap is omitted.

Note 2: For axial clearance adjustment, consult KURODA.

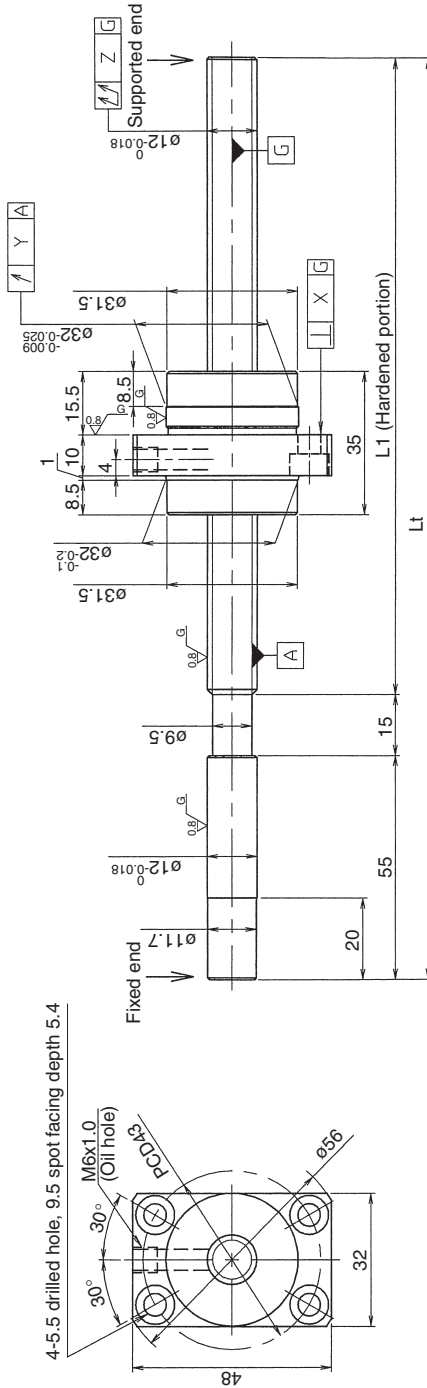
Ball screw specifications

Screw shaft diameter	8	Axial clearance	~0.010(H)
Lead	12	Basic dynamic load rating	2490N
Thread direction	Right-hand	Basic static load rating	3460N
Number of circuits	1.667 turn 2 circuit	Spacer ball	None
Ball diameter	1.5875	Lubricant	Multitemp PS2
Number of threads	2		

UNFINISHED SHAFT ENDS

Screw shaft diameter $\phi 12$, Lead 30

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG1230QS-BEZR-□□□□□A
 - With end machining specified on your drawing
HG1230QS-□EZR-□□□□X□□□□□-C5H
- Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Lead accuracy			Wiper	Mass (kg)
							±Ec	ec	e300		
HG1230QS-BEZR-0500A	~0.010(H)	430	500	0.010	0.012	0.080	0.027	0.020	0.018	*	0.62
HG1230QS-BEZR-0800A		730	800	0.010	0.012	0.090	0.035	0.025	0.018	*	0.85

* For the asterisked part, the lip of the end cap serves as a wiper.

• Support unit: BUK-10F, BUK-8S) or BUM-10 is recommended.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	0	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

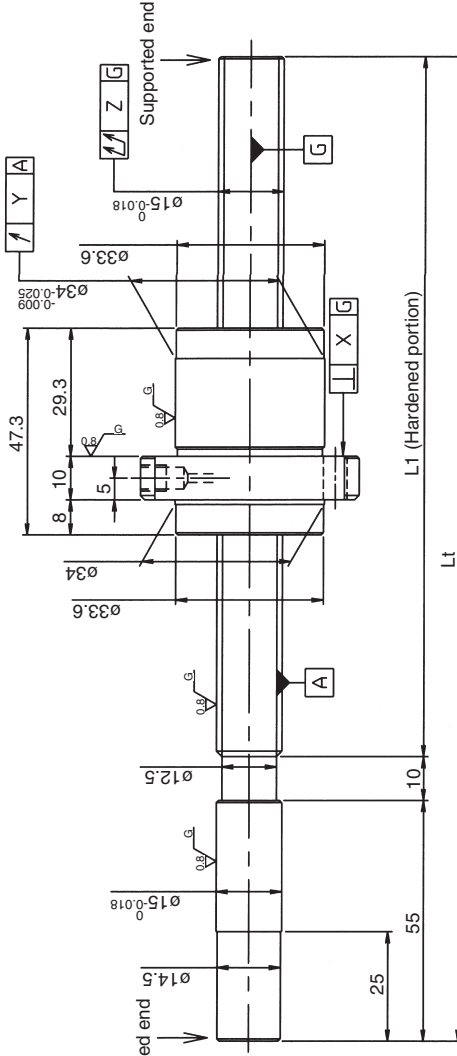
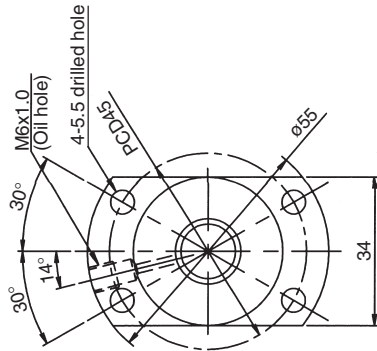
Ball screw specifications

Screw shaft diameter	12	Axial clearance	~0.010(H)
Lead	30	Basic dynamic load rating	4800N
Thread direction	Right-hand	Basic static load rating	6650N
Number of circuits	0.67 turn 3 circuit	Spacer ball	None
Ball diameter	3.175	Lubricant	Alvania Grease S2
Number of threads	3		

UNFINISHED SHAFT ENDS

Screw shaft diameter $\phi 15$, Lead 20

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG1520QS-HEZR-□□□□A
- With end machining specified on your drawing
HG1520QS-□E□R-□□□□X□□□□-C5F

Overall length Thread length

* For the asterisked part, the lip of the end cap serves as a wiper.

• Support unit: BUK-12A (BUK-12F, BUK-10S) or BUM-12 is recommended.

• Product with axial clearance $\sim 0.005(F)$ shown in the table may be partially preloaded.

• Preload torque shown in the table is a value before greasing.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Preload torque (N·cm)		Lead accuracy		Wiper	Mass (kg)
							±Ec	ec	±Ec	ec		
HG1520QS-HEZR-0600A	~0.005(F)	535	600			0.075	~4.0	0.030	0.023			1.07
HG1520QS-HEZR-1100A		1035	1100	0.011	0.015	0.150	~6.0	0.046	0.030	*		1.70
HG1520QS-HEZR-1500A		1435	1500			0.190		0.054	0.035			2.20

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	\emptyset	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

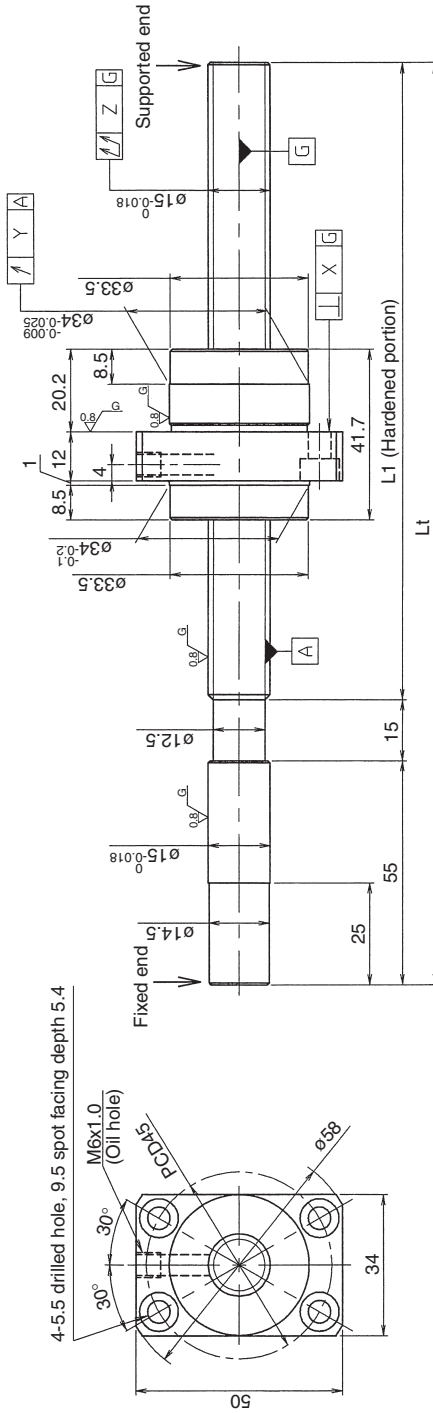
Ball screw specifications

Screw shaft diameter	15	Axial clearance	$\sim 0.005(F)$
Lead	20	Basic dynamic load rating	8740N
Thread direction	Right-hand	Basic static load rating	17550N
Number of circuits	1.67 turn 2 circuit	Spacer ball	None
Ball diameter	3.175	Lubricant	Alvania Grease S2
Number of threads	2		

UNFINISHED SHAFT ENDS

Screw shaft diameter ø15, Lead 40

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG1540QS-BEZR-□□□□A
- With end machining specified on your drawing
HG1540QS-□EZR-□□□□X□□□□-C5H

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Lead accuracy		Wiper	Mass (kg)
							±Ec	ec		
HG1540QS-BEZR-0600A	~0.010(H)	530	600	0.011	0.015	0.075	0.030	0.023	*	1.06
HG1540QS-BEZR-1100A		1030	1100			0.150	0.046	0.030		1.70

* For the asterisked part, the lip of the end cap serves as a wiper.

• Support unit: BUK-12A (BUK-12F, BUK-10S) or BUM-12 is recommended.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

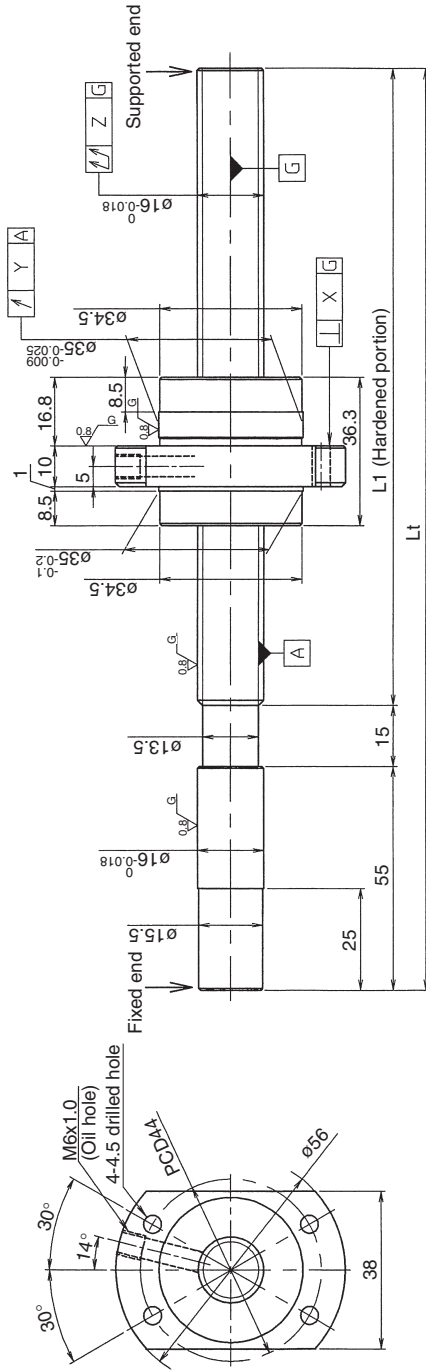
Ball screw specifications

Screw shaft diameter	Lead	Thread direction	Number of circuits	Ball diameter	Number of threads	Axial clearance	Basic dynamic load rating	Basic static load rating	Spacer ball	Lubricant
15	40	Right-hand	0.67 turn 3 circuit	3.175	3	~0.010(H)	5600N	8600N	None	Alvania Grease S2

UNFINISHED SHAFT ENDS

Screw shaft diameter $\phi 16$, Lead 32

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG1632QS-HEZR-□□□□□□A
- With end machining specified on your drawing
HG1632QS-□EZR-□□□□X□□□□□-C5F

Overall length Thread length

Model No.	Axial clearance		Z	Y	X	Preload torque (N·cm)	Lead accuracy		Wiper	Mass (kg)
	L ₁	L _t					±Ec	ec		
HG1632QS-HEZR-0600A	530	600	0.075			~4.0	0.030	0.023		1.14
HG1632QS-HEZR-1100A	1030	1100	0.150	0.015	0.011	~6.0	0.046	0.030	*	1.86
HG1632QS-HEZR-1500A	1430	1500	0.190				0.054	0.035		2.43

- * For the asterisked part, the lip of the end cap serves as a wiper.
- Support unit: BUK-12A (BUK-12F, BUK-10S) or BUM-12 is recommended.
- Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.
- Preload torque shown in the table is a value before greasing.
- The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

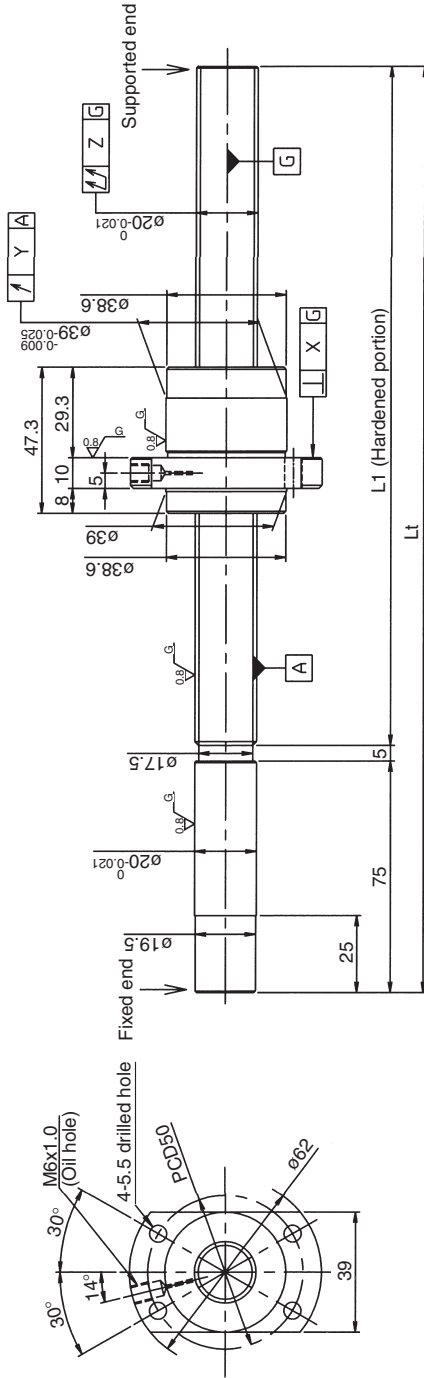
Ball screw specifications

Screw shaft diameter	Lead	Thread direction	Number of circuits	Ball diameter	Number of threads	Axial clearance	Spacer ball	Lubricant
16	32	Right-hand	0.67 turn 3 circuit	3.175	3	~0.005(F)	None	Alvania Grease S2
						Basic dynamic load rating	Spacer ball	
						Basic static load rating	Lubricant	

UNFINISHED SHAFT ENDS

Screw shaft diameter ø20, Lead 20

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG2020QS-HEZR-□□□□A
- With end machining specified on your drawing
HG2020QS-□E□R-□□□□X□□□□-C5F

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Preload torque (N·cm)	Lead accuracy		Wiper	Mass (kg)
								±Ec	e300		
HG2020QS-HEZR-1000A	~0.005(F)	920	1000	0.011	0.015	0.120	~5.0	0.040	0.027	*	2.71
HG2020QS-HEZR-1500A		1420	1500	0.190	0.035	~7.0	0.054	0.035	3.86		

* For the asterisked part, the lip of the end cap serves as a wiper.

- Support unit: BUK-15A (BUK-15F, BUK-15S) or BUM-15 is recommended.
- Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.
- Preload torque shown in the table is a value before greasing.
- The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

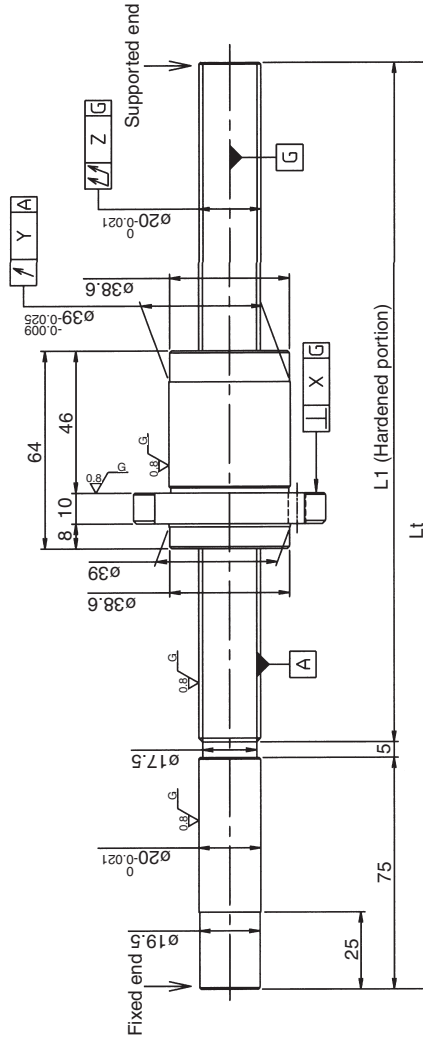
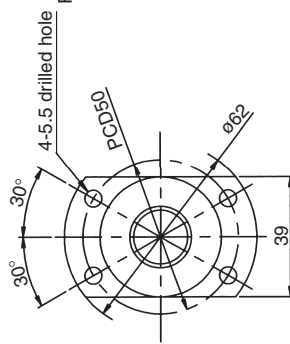
Ball screw specifications

Screw shaft diameter	Lead	Thread direction	Number of circuits	Ball diameter	Number of threads	Axial clearance	Basic dynamic load rating	Basic static load rating	Spacer ball	Lubricant
20	20	Right-hand	1.67 turn 2 circuit	3.175	2	~0.005(F)	10690N	23330N	None	Alvania Grease S2

UNFINISHED SHAFT ENDS

Screw shaft diameter ø20, Lead 30

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG2030QS-HEZR-□□□□□A
- With end machining specified on your drawing
HG2030QS-□E□R-□□□□X□□□□□-C5F

Overall length Thread length

Model No.	Axial clearance		Z	Y	X	Preload torque (N·cm)		Lead accuracy		Wiper	Mass (kg)
	L ₁	L _t				±Ec	ec	e300			
HG2030QS-HEZR-1000A	920	1000	0.120	0.015	0.011	~7.0	0.040	0.027		*	2.87
HG2030QS-HEZR-1500A	1420	1500	0.190			~9.0	0.054	0.035			4.06

* For the asterisked part, the lip of the end cap serves as a wiper.

Support unit: BUK-15A (BUK-15F, BUK-15S) or BUM-15 is recommended.

Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.

Preload torque shown in the table is a value before greasing.

The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

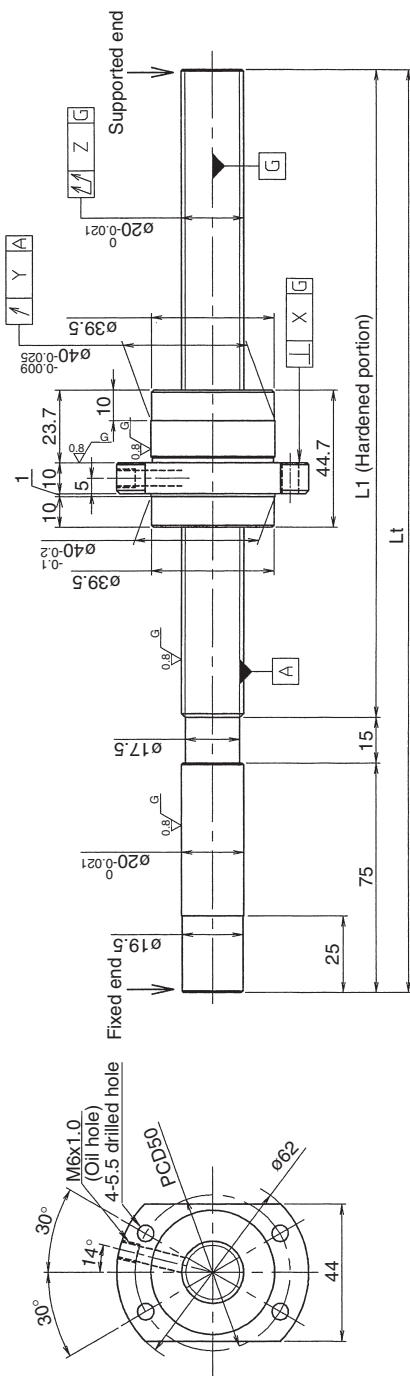
Ball screw specifications

Screw shaft diameter	20	Axial clearance	~0.005(F)
Lead	30	Basic dynamic load rating	10690N
Thread direction	Right-hand	Basic static load rating	23330N
Number of circuits	1.67 turn 2 circuit	Spacer ball	None
Ball diameter	3.175	Lubricant	Alvania Grease S2
Number of threads	2		

UNFINISHED SHAFT ENDS

Screw shaft diameter $\phi 20$, Lead 40

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG2040QS-HEZR-□□□□□A
- With end machining specified on your drawing
HG2040QS-□EZR-□□□□□X□□□□□-C5F

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Preload torque (N·cm)	Lead accuracy			Wiper	Mass (kg)
								±Ec	ec	e300		
HG2040QS-HEZR-1000A	~0.005(F)	910	1000	0.011	0.015	0.120	~5.0	0.040	0.027			2.73
HG2040QS-HEZR-1500A		1410	1500	0.011	0.015	0.190	~7.0	0.054	0.035	*		3.90
HG2040QS-HEZR-1800A		1710	1800					0.065	0.040			

* For the asterisked part, the lip of the end cap serves as a wiper.

- Support unit: BUK-15A (BUK-15F, BUK-15S) or BUM-15 is recommended.
- Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.
- Preload torque shown in the table is a value before greasing.
- The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	0	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

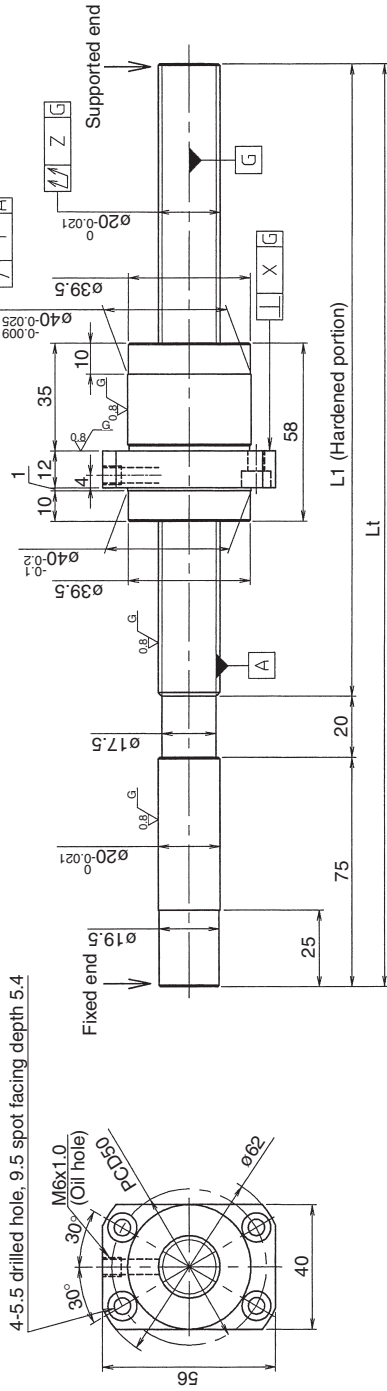
Ball screw specifications

Screw shaft diameter	20	Axial clearance	~0.005(F)
Lead	40	Basic dynamic load rating	6800N
Thread direction	Right-hand	Basic static load rating	12100N
Number of circuits	0.67 turn 3 circuit	Spacer ball	None
Ball diameter	3.175	Lubricant	Alvania Grease S2
Number of threads	3		

UNFINISHED SHAFT ENDS

Screw shaft diameter ø20, Lead 60

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG2060QS-BEZR-□□□□□A
- With end machining specified on your drawing
HG2060QS-□EZR-□□□□X□□□□-C5H

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Lead accuracy		Wiper	Mass (kg)
							±Ec	ec		
HG2060QS-BEZR-1000A	~0.010(H)	905	1000	0.011	0.015	0.120	0.040	0.027	*	2.87
HG2060QS-BEZR-1500A		1405	1500			0.190	0.054	0.035		4.06

* For the asterisked part, the lip of the end cap serves as a wiper.

• Support unit: BUK-15A (BUK-15F, BUK-15S) or BUM-15 is recommended.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	-

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Note 2: For axial clearance adjustment, consult KURODA.

Ball screw specifications

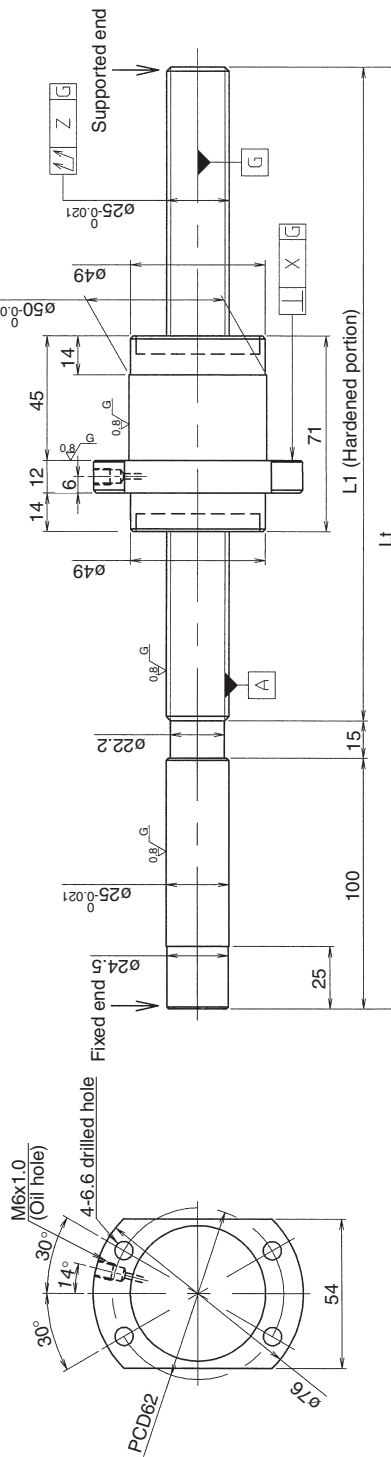
Screw shaft diameter	20	Axial clearance	~0.010(H)
Lead	60	Basic dynamic load rating	6800N
Thread direction	Right-hand	Basic static load rating	12100N
Number of circuits	0.67 turn 3 circuit	Spacer ball	None
Ball diameter	3.175	Lubricant	Alvania Grease S2
Number of threads	3		

KURODA Standard Ground Ball Screw: HG Series (Accuracy grade C5)

UNFINISHED SHAFT ENDS

Screw shaft diameter ø25, Lead 50

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG2550QS-HEFR-□□□□□□A
- With end machining specified on your drawing
HG2550QS-□E□R-□□□□□X□□□□□□-C5F

Overall length Thread length

Model No.	Axial clearance	L ₁	L _t	X	Y	Z	Preload torque (N·cm)	Lead accuracy			Wiper	Mass (kg)
								±Ec	ec	e300		
HG2550QS-HEFR-1015A	~0.005(F)	900	1015	0.011	0.015	0.100	~6.0	0.040	0.027	0.018	Felt wiper	4.89
HG2550QS-HEFR-1715A		1600	1715	0.011	0.015	0.170	~9.0	0.054	0.035	0.018	Felt wiper	7.44
HG2550QS-HEFR-2015A		1900	2015	0.011	0.015	0.170	~9.0	0.065	0.040	0.018	Felt wiper	8.54

• Support unit: BUK-20A (BUK-20F, BUK-20S) or BUM-20 is recommended.

• Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.

• Preload torque shown in the table is a value before greasing.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	0	0	0	0	0

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Before anticorrosive black coating is performed, the wiper is removed.

Note 2: For axial clearance adjustment, consult KURODA.

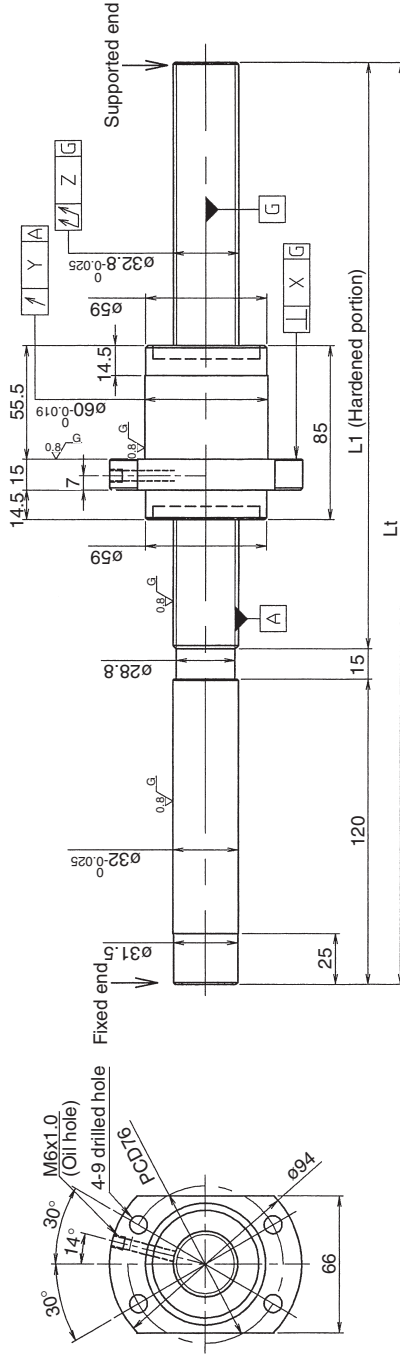
Ball screw specifications

Screw shaft diameter	25	Axial clearance	~0.005(F)
Lead	50	Basic dynamic load rating	10200N
Thread direction	Right-hand	Basic static load rating	19300N
Number of circuits	0.67 turn 3 circuit	Spacer ball	None
Ball diameter	3.9688	Lubricant	Alvania Grease S2
Number of threads	3		

UNFINISHED SHAFT ENDS

Screw shaft diameter ø32, Lead 64

(Unit: mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
HG3264QS-HEFR-□□□□A
 - With end machining specified on your drawing
HG3264QS-□E□R-□□□□X□□□□-C5F
- Overall length Thread length

Model No.	Axial clearance			Z	Y	X	Preload torque (N·cm)	Lead accuracy		Wiper	Mass (kg)
	L ₁	L _t	-0.005(F)					±Ec	ec		
HG3264QS-HEFR-1200A	1065	1200	-0.005(F)	0.100			~7.0	0.046	0.030	Felt wiper	8.81
HG3264QS-HEFR-1700A	1565	1700	-0.005(F)	0.170	0.019	0.013	~9.0	0.054	0.035		11.83
HG3264QS-HEFR-2200A	2065	2200	-0.005(F)					0.077	0.046		14.85

· Support unit: BUK-25A (BUK-25F, BUK-25S) or BUM-25 is recommended.

· Product with axial clearance ~0.005(F) shown in the table may be partially preloaded.

· Preload torque shown in the table is a value before greasing.

· The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant where appropriate.

Table of optional specifications for each model

Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
0	∅	0	0	0	0

Note 1: The above-mentioned surface treatment is Anticorrosive black coating (coating thickness: 1 to 2 μm).

Before anticorrosive black coating is performed, the wiper is removed.

Note 2: For axial clearance adjustment, consult KURODA.

Ball screw specifications

Screw shaft diameter	32	Axial clearance	~0.005(F)
Lead	64	Basic dynamic load rating	17200N
Thread direction	Right-hand	Basic static load rating	31900N
Number of circuits	0.67 turn 3 circuit	Spacer ball	None
Ball diameter	4.7625	Lubricant	Alvania Grease S2
Number of threads	3		