

Shaft diameter 4, lead 1
BNK 0401



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

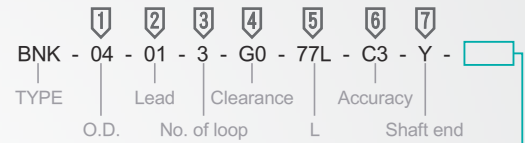
Lead angle accuracy

Unit : um

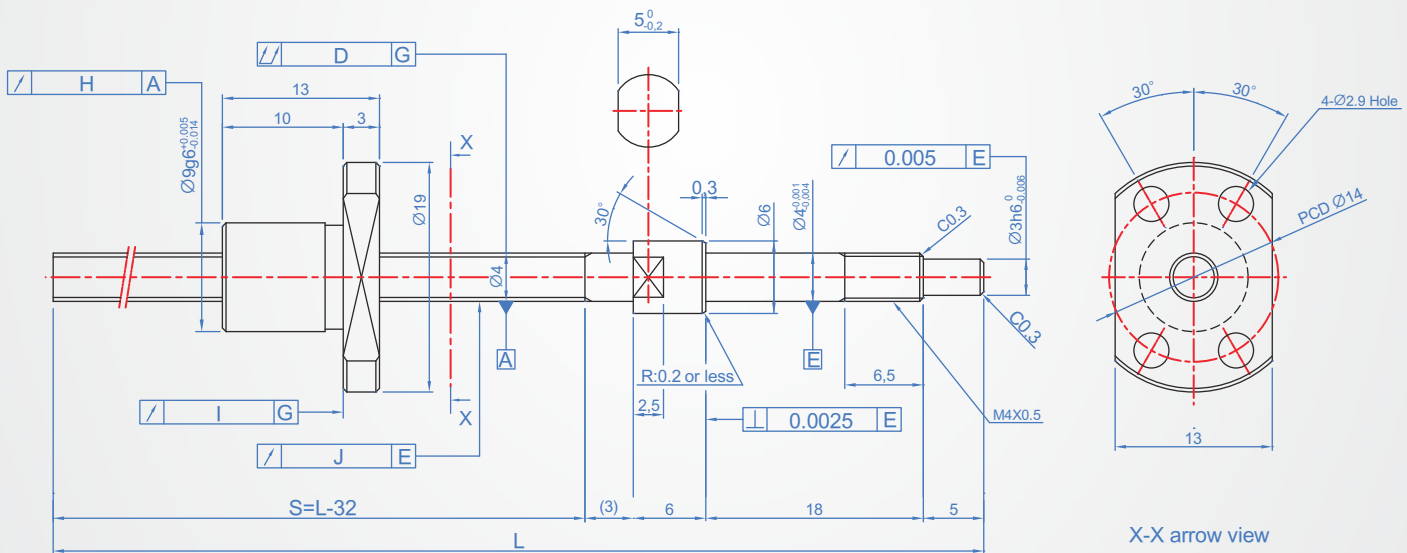
Effective length of screw(mm)		Lead accuracy (um)					
		C3		C5		C7	
Over	Less	±Ec	e	±Ec	e	±Ec	
-	100	8	8	18	18	±50/300mm	

Representative travel distance error (Use "±Ec" Stand for)
Fluctuation (Use "e" Stand for)

How to order



Steel..... Blank
Stainless steel..... M



Unit : mm																	
O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
04	01	3	G0	77~127	C3	Y	L - 32	Right	4.15	1 turn X 3 rows	Deflector	0	0.98 or less	0.29	0.42	0.01 kg	0.07 kg/m
					C5												
					C7												
			G2														

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 5, lead 1 BNK 0501

Lead angle accuracy

Unit : um

Effective length of screw(mm)		Lead accuracy (um)				
		C3		C5		C7
Over	Less	±Ec	e	±Ec	e	±Ec
-	100	8	8	18	18	±50/300mm

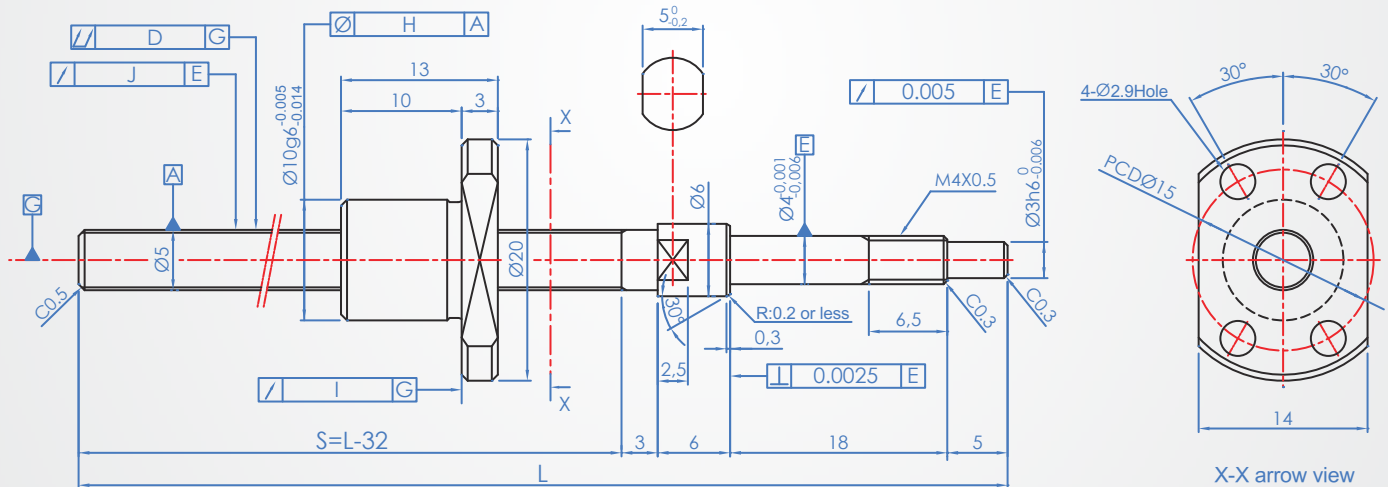
Representative travel distance error (Use "±Ec" Stand for)
Fluctuation (Use "e" Stand for)



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
 BNK - 05 - 01 - 3 - G0 - 77L - C3 - Y -
 TYPE O.D. Lead No. of loop Clearance L Accuracy Shaft end
 Steel..... Blank
 Stainless steel..... M



Unit : mm

O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
05	01	3	G0	77~127	C3	Y	L - 32	Right	5.15	1 turn X 3 rows	Deflector	0	0.98 or less	0.32	0.55	0.012 kg	0.11 kg/m
					C5							0.02 or less					
					C7							-					

Shaft diameter 6, lead 1
BNK 0601



- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

Lead angle accuracy

Unit : um

Effective length of screw(mm)		Lead accuracy (um)					
		C3		C5		C7	
Over	Less	±Ec	e	±Ec	e	±Ec	
-	100	8	8	18	18	±50/300mm	
100	200	10	8	20	18		

Representative travel distance error (Use "±Ec" Stand for)
 Fluctuation (Use "e" Stand for)

How to order

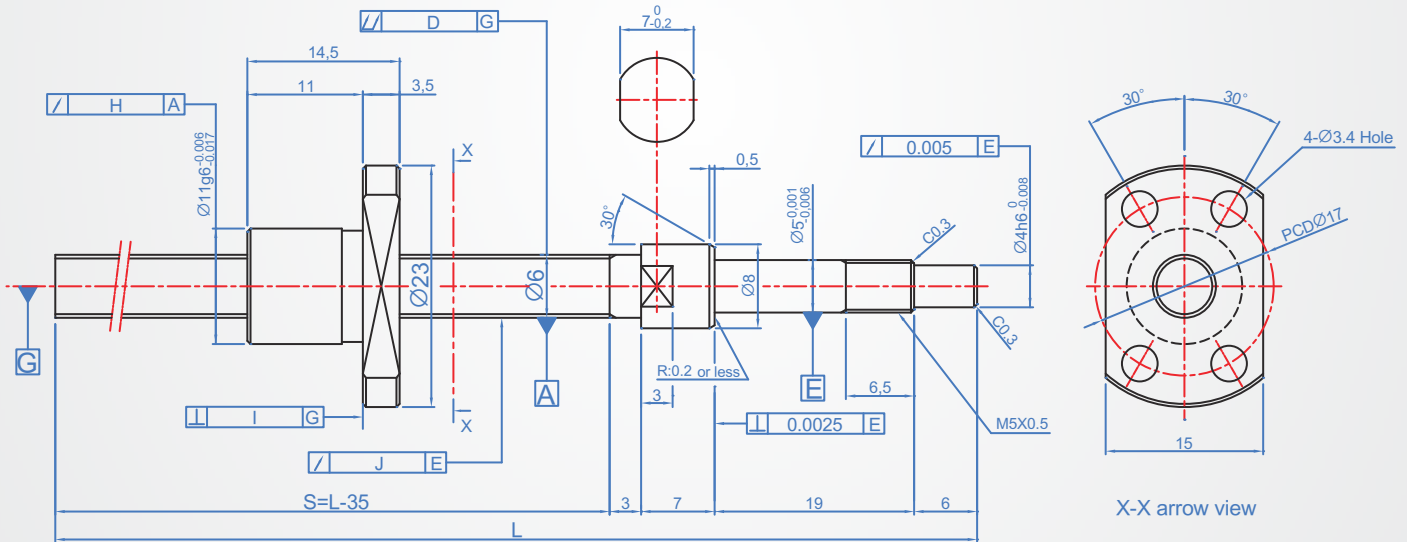
BNK - 06 - 01 - 3 - G0 - 100L - C3 - Y -

TYPE Lead Clearance Accuracy Shaft end

O.D. No. of loop L

Steel..... **Blank**

Stainless steel..... **M**



Unit : mm																		
O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N · m	Basic load rating		Mass		
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft	
06	01	3	G0	100~160	C3	Y	L - 35	Right	6.2	1 turn X 3 rows	Deflector	0	1.3 or less	0.54	0.94	0.017 kg	0.14 kg/m	
					C5							0.02 or less						-
					C7													

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 8, lead 1
BNK 0801



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

■ Lead angle accuracy

Unit : μm

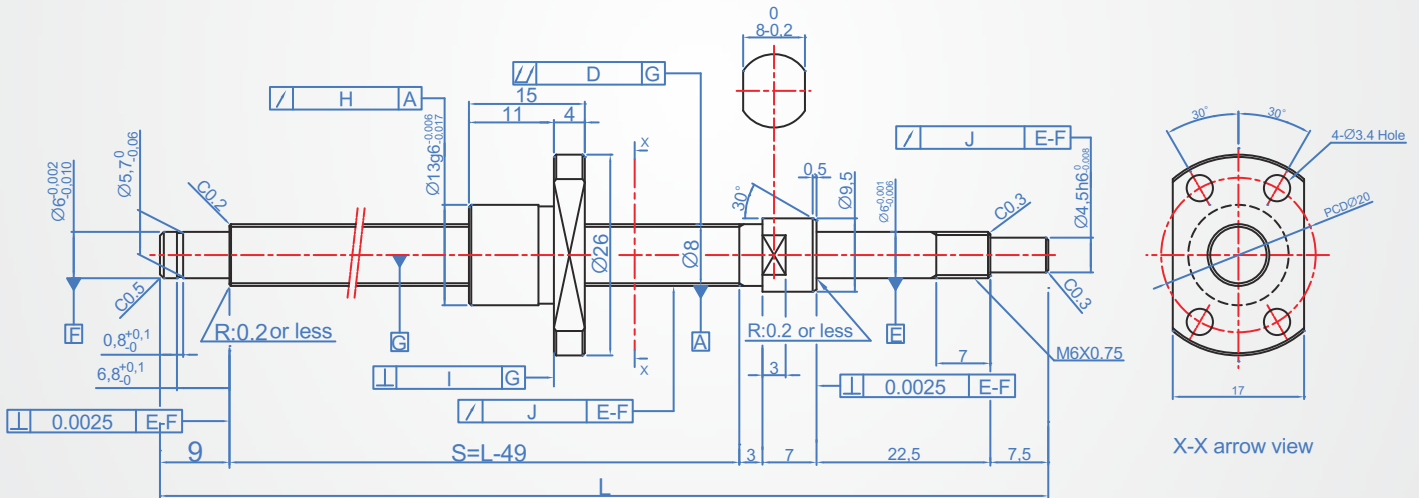
Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18	$\pm 50/300\text{mm}$	
100	200	10	8	20	18		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for) Fluctuation (Use “e” Stand for)

How to order

1 2 3 4 5 6 7
BNK - 08 - 01 - 3 - G0 - 115L - C3 - Y -
 TYPE Lead Clearance Accuracy Shaft end
 O.D. No. of loop L

Steel.....Blank
 Stainless steel.....M



														Basic load rating		Mass	
1	2	3	4	5	6	7	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N · m	Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
08	01	3	G0	115-225	C3	Y	L - 49	Right	8.2	1 turn X 3 rows	Deflector	0	1.8 or less	0.64	1.4	0.024 kg	0.29 kg/m
			G2		C5							0.02 or less	-				
					C7												

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 8, lead 2
BNK 0802



Lead angle accuracy

Unit : μm

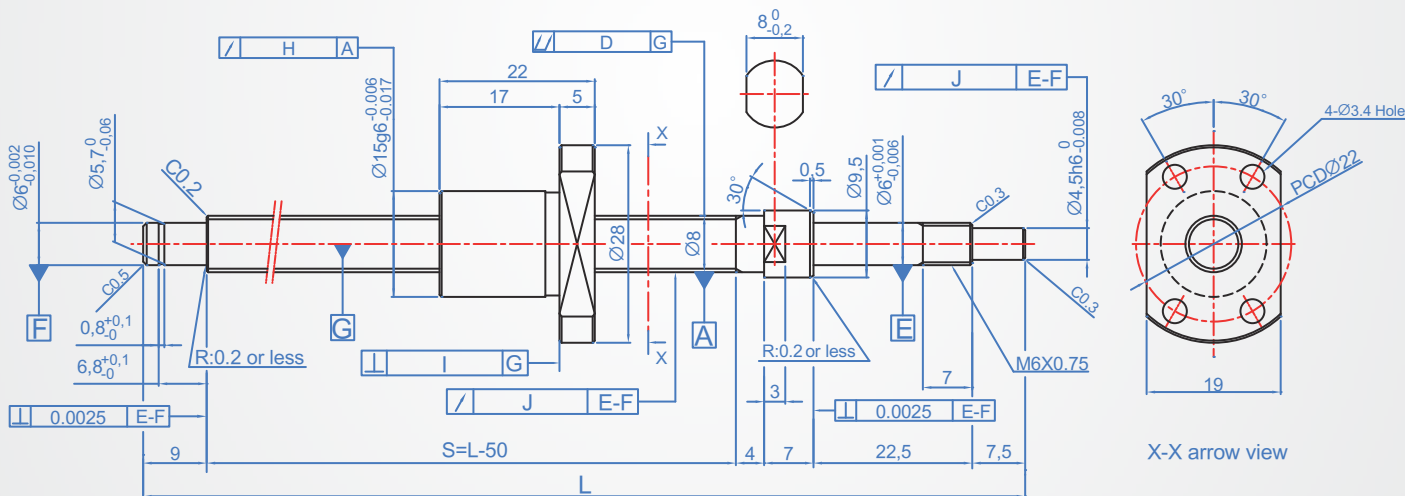
Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18	$\pm 50/300\text{mm}$	
100	200	10	8	20	18		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for)
 Fluctuation (Use “e” Stand for)

- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
BNK - 08 - 02 - 3 - RR - 125L - C5 - Y -
 TYPE O.D. Lead Clearance L Accuracy Shaft end
 Steel..... Blank
 Stainless steel..... M



														Basic load rating		Mass		
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
08	02	3	RR	G0	125-235	C3	Y	L - 50	Right	8.3	1 turn X 3 rows	Deflector	0	2.0 or less	1.4	2.3	0.34 kg	0.27 kg/m
				G2		C5							0.02 or less	-				
						C7												

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS Reserved.

Shaft diameter 8, lead 10
BNK 0810



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

■ Lead angle accuracy Unit : um

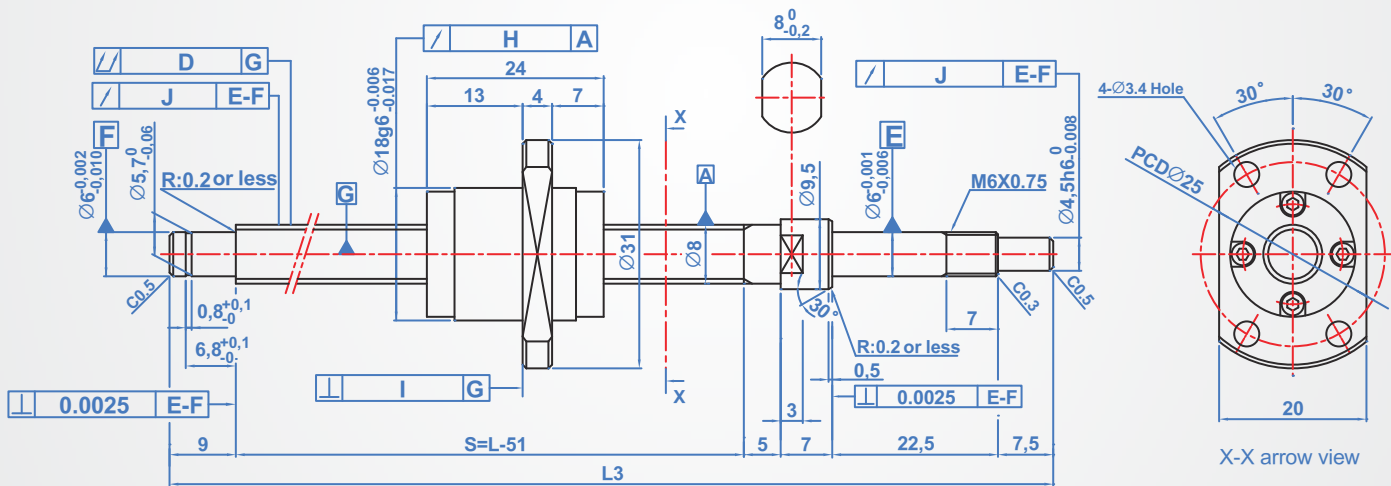
Effective length of screw(mm)		Lead accuracy (um)		
Over	Less	±Ec	e	±Ec
-	100	18	18	±50/300mm
100	200	20	18	

Representative travel distance error
(Use “±Ec” Stand for)
Fluctuation (Use “e” Stand for)

How to order

1 2 3 4 5 6 7
 BNK - 08 - 10 - 3 - G2 - 205L - C7 - Y -
 TYPE Lead Clearance Accuracy Shaft end
 O.D. No. of loop L

Steel.....Blank
 Stainless steel.....M



Unit : mm														Basic load rating		Mass		
1	2	3	4	5	6	7	L	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
08	10	3	GT	205-405	C5	Y	L - 51	Right	8.4	1.5 turn X 2 rows	Deflector	0.005 or less	-	2.16	3.82	0.049 kg	0.30 kg/m	
			G2		C7							0.02 or less						

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS Reserved.

Shaft diameter 10, lead 2
BNK 1002



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

Lead angle accuracy

Unit : μm

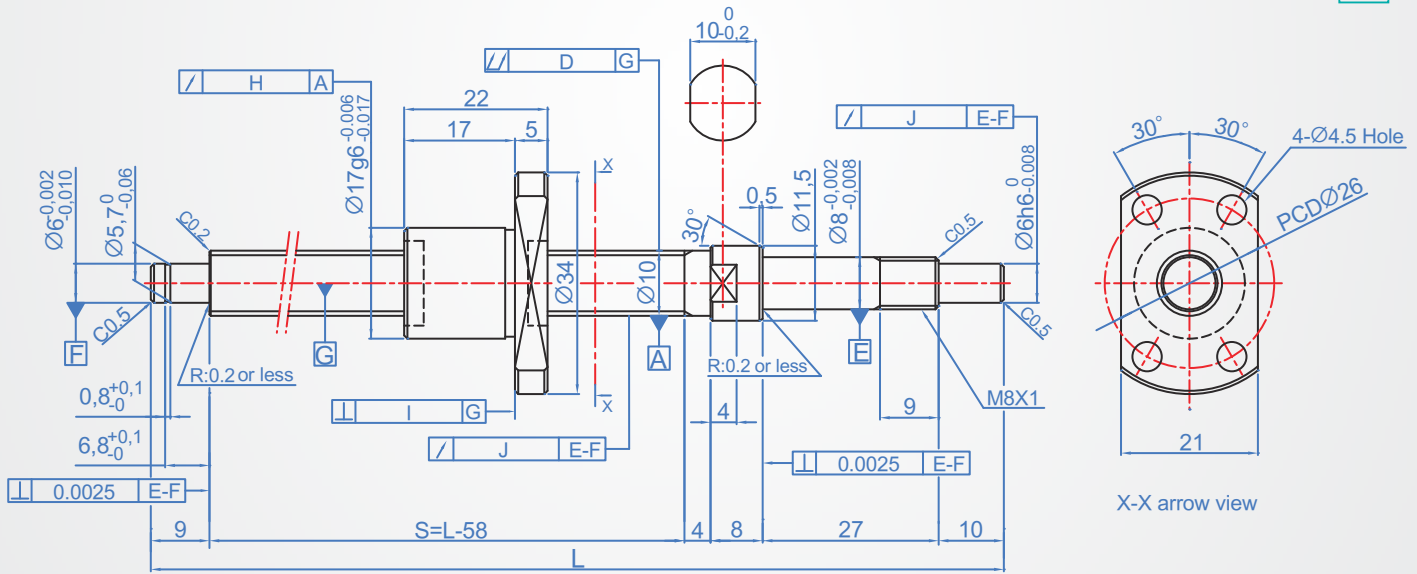
Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18	$\pm 50/300\text{mm}$	
100	200	10	8	20	18		
200	315	12	8	23	18		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for) Fluctuation (Use “e” Stand for)

How to order

1 2 3 4 5 6 7 8
 BNK - 10 - 02 - 3 - RR - G0 - 143L - C3 - Y -
 TYPE Lead gasket L Shaft end
 O.D. No. of loop Clearance Accuracy

Steel.....Blank
 Stainless steel.....M



Unit : mm																			
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N · m	Basic load rating		Mass		
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft	
10	02	3	RR	G0	143-293	C3	Y	L - 58	Right	10.3	1 turn X 3 rows	Deflector	0	2.5 or less	1.5	2.9	0.045 kg	0.47 kg/m	
																			C5
																			C7
				G2								0.02 or less	-						

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 10, lead 4
BNK 1004



- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

■ Lead angle accuracy

Unit : μm

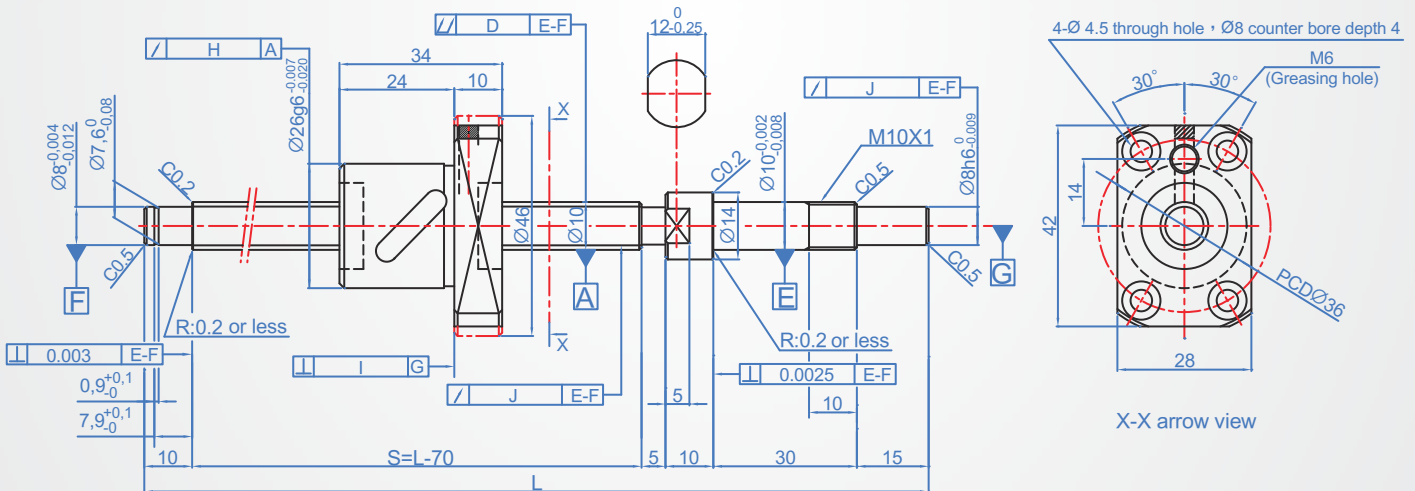
Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18	$\pm 50/300\text{mm}$	
100	200	10	8	20	18		
200	315	12	8	23	18		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for) Fluctuation (Use “e” Stand for)

How to order

1 2 3 4 5 6 7 8
BNK - 10 - 04 - 2.5 - RR - G0 - 180L - C3 - Y -
 TYPE Lead gasket L Shaft end
 O.D. No. of loop Clearance Accuracy

Steel.....Blank
 Stainless steel.....M



Unit : mm																		
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
10	04	2.5	RR	G0	180~380	C3	Y	L - 70	Right	10.5	2.5 turn X 1 rows	Deflector	0	0.98~49	2.1	2.7	0.15 kg	0.32 kg/m
						C5									3.4	5.4		
						C7												

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 10, lead 10 BNK 1010

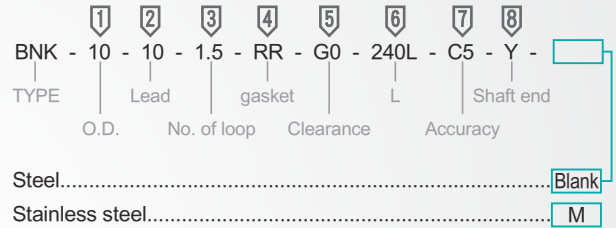


Lead angle accuracy Unit : um

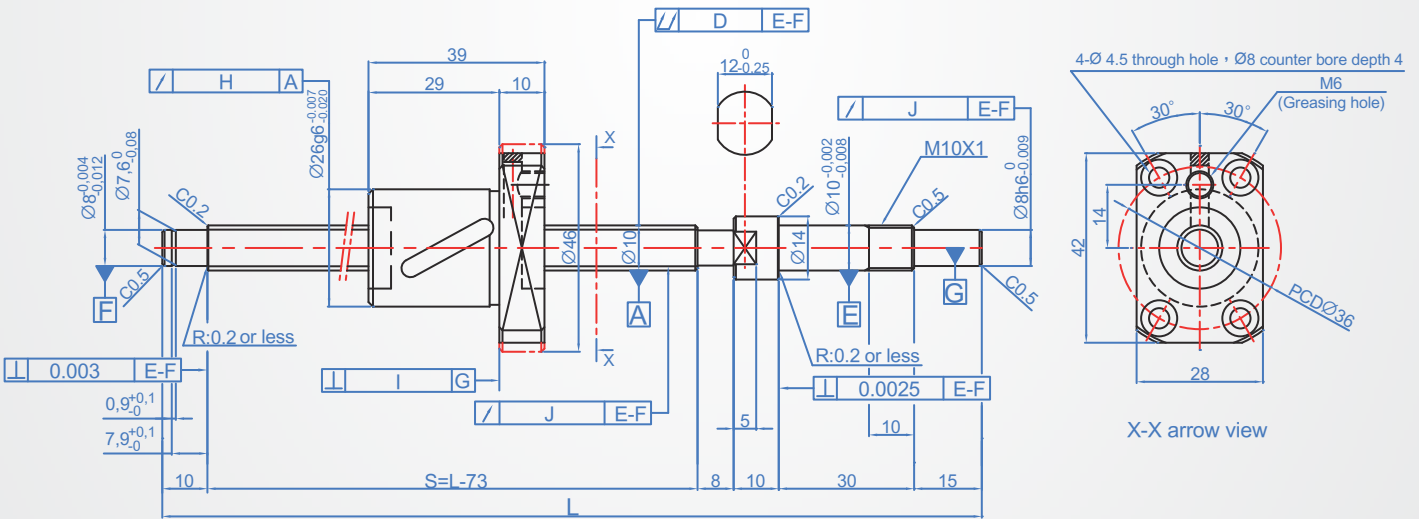
Effective length of screw(mm)		Lead accuracy (um)		
		C5		C7
Over	Less	±Ec	e	±Ec
-	100	18	18	±50/300mm
100	200	20	18	
200	315	23	18	
315	400	25	20	

Representative travel distance error
(Use “±Ec” Stand for)
Fluctuation (Use “e” Stand for)

How to order



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34



1 2 3 4 5 6 7 8 Unit : mm

O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
10	10	1.5	RR	G0	125-235	C5	Y	L - 70	Right	10.5	2.5 turn X 1 rows	Deflector	0	0.98~4.9	1.3	1.6	0.17 kg	0.5 kg/m
				G2		C7									2.1	3.1		

Shaft diameter 12, lead 2
BNK 1202



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

Lead angle accuracy

Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18		
100	200	10	8	20	18	$\pm 50/300\text{mm}$	
200	315	12	8	23	18		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for) Fluctuation (Use “e” Stand for)

How to order

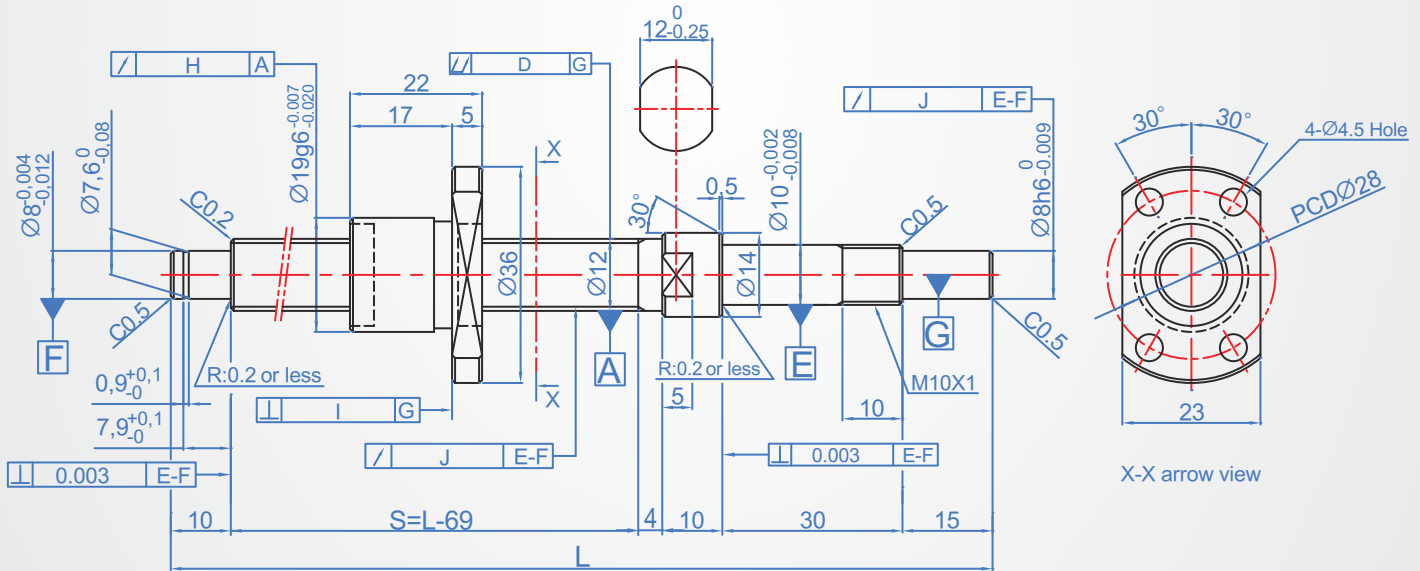
BNK - 12 - 02 - 3 - RR - G0 - 125L - C3 - Y -

TYPE Lead gasket L Shaft end

O.D. No. of loop Clearance Accuracy

Steel.....

Stainless steel.....



Unit : mm																		
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
12	02	3	RR	G0	154-354	C3	Y	L - 69	Right	12.3	1 turn X 3 rows	Deflector	0	0.98~3.4	1.7	3.6	0.05 kg	0.71 kg/m
						C5												
						C7												
				G2														

Copyright © CHENA INDUSTRIAL CO., LTD ALL RIGHTS RESERVED.

Shaft diameter 12, lead 5 BNK 1205



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

Lead angle accuracy

Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm E_c$	e	$\pm E_c$	e	$\pm E_c$	
-	100	8	8	18	18		$\pm 50/300\text{mm}$
100	200	10	8	20	18		
200	315	12	8	23	18		
315	400	13	10	25	20		

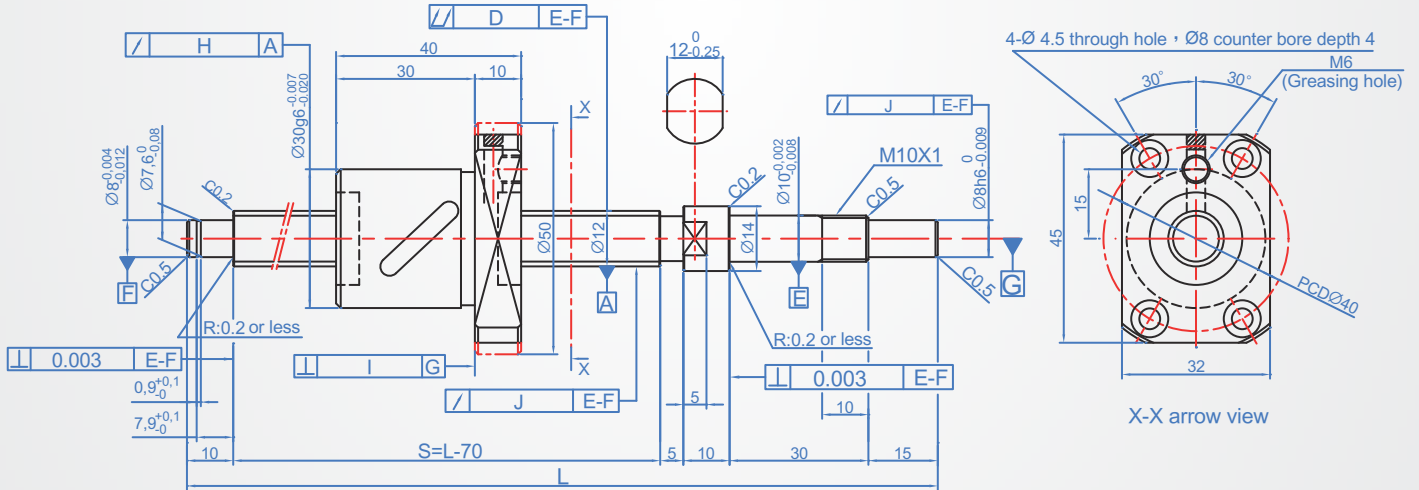
Representative travel distance error (Use “ $\pm E_c$ ” Stand for)
Fluctuation (Use “e” Stand for)

How to order

BNK - 12 - 05 - 2.5 - RR - G0 - 180L - C3 - Y -

TYPE O.D. Lead No. of loop gasket Clearance L Accuracy Shaft end

Steel..... Blank
Stainless steel..... M



															Unit : mm			
1	2	3	4	5	6	7	8	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N · m	Basic load rating		Mass	
O.D.	Lead	No. of loop	gasket	Clearance symbol	Designated units 1mm	Accuracy	Shaft end Finish								Ca (Dynamic) kN	Ca (Static state) kN	Screw	Shaft
12	05	2.5	RR	G0	180~380	C3	Y	L - 70	Right	12.3	2.5 turn X 1 rows	Deflector	0	0.98~4.9	2.3	3.2	0.22 kg	0.61 kg/m
				G2		C5							0.02 or less	-	3.7	6.4		

Shaft diameter 12, lead 8 BNK 1208



Effective length of screw(mm)		Lead accuracy (um)
Over	Less	C7
-	100	±Ec
100	200	±50/300mm
200	315	
315	400	

Representative travel distance error
(Use “±Ec” Stand for)
Fluctuation (Use “e” Stand for)

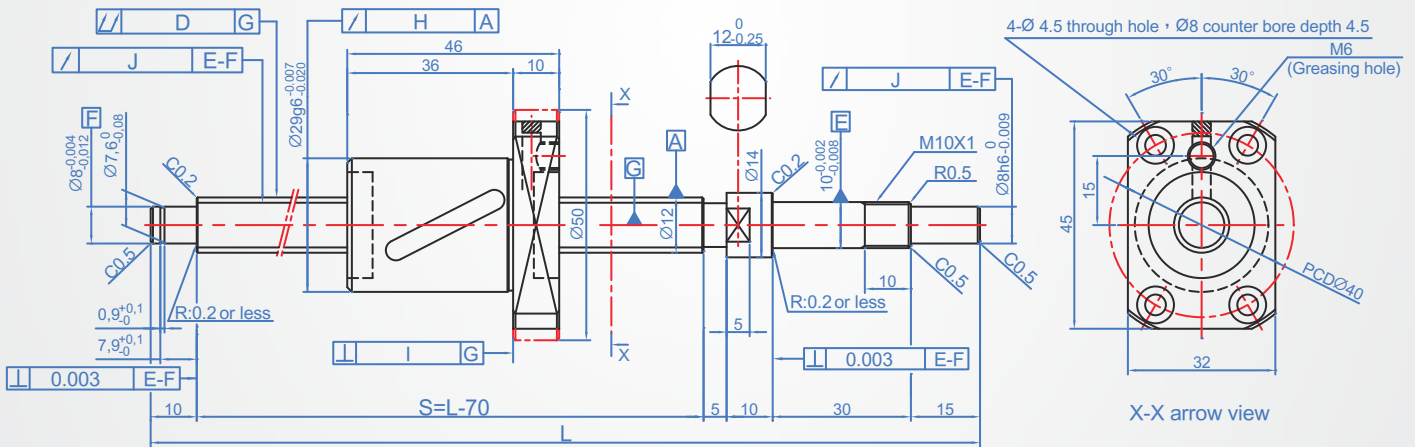
- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

How to order

1	2	3	4	5	6	7	8		
BNK	- 12	- 08	- 2.6	- RR	- G0	- 180L	- C7	- Y	-
TYPE	O.D.	Lead	No. of loop	gasket	Clearance	L	Accuracy	Shaft end	

Steel..... Blank

Stainless steel..... M



Unit : mm																		
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
12	08	2.6	RR	G0	180-380	C7	Y	L - 70	Right	12.65	2.6 turn X 1 rows	Deflector	0.02 or less	-	4.7	7.5	0.269 kg	0.64 kg/m

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 14, lead 2
BNK 1402



- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

■ Lead angle accuracy

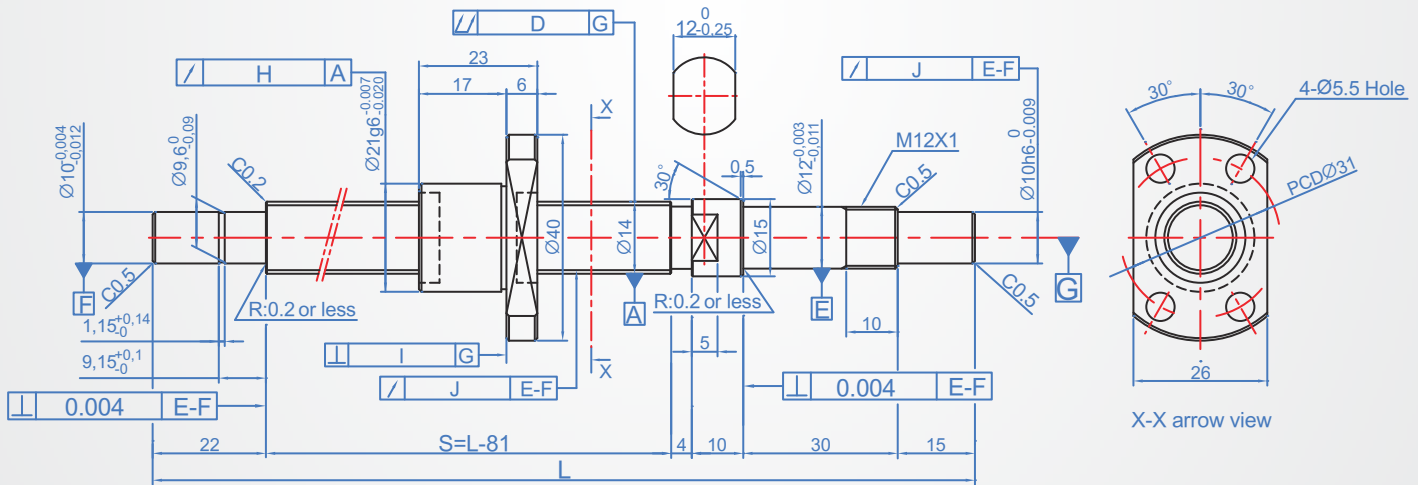
Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm\text{Ec}$	e	$\pm\text{Ec}$	e	$\pm\text{Ec}$	
-	100	8	8	18	18		$\pm 50/300\text{mm}$
100	200	10	8	20	18		
200	315	12	8	23	18		
315	400	13	10	25	20		

Representative travel distance error (Use “ $\pm\text{Ec}$ ” Stand for)
 Fluctuation (Use “e” Stand for)

How to order

1 2 3 4 5 6 7 8
BNK - 14 - 02 - 3 - RR - G0 - 166L - C3 - Y -
 TYPE Lead gasket L Shaft end
 O.D. No. of loop Clearance Accuracy
 Steel.....Blank
 Stainless steel.....M



Unit : mm																		
O.D.	Lead	No. of loop	gasket	Clearance symbol	Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N · m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
14	02	3	RR	G0	166-416	C3	Y	L - 81	Right	14.3	1 turn X 3 rows	Deflector	0	0.49~4.9	1.8	4.3	0.15 kg	1 kg/m
				G2		C5							0.02 or less	-				
						C7												

Shaft diameter 14, lead 4
BNK 1404



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

■ Lead angle accuracy

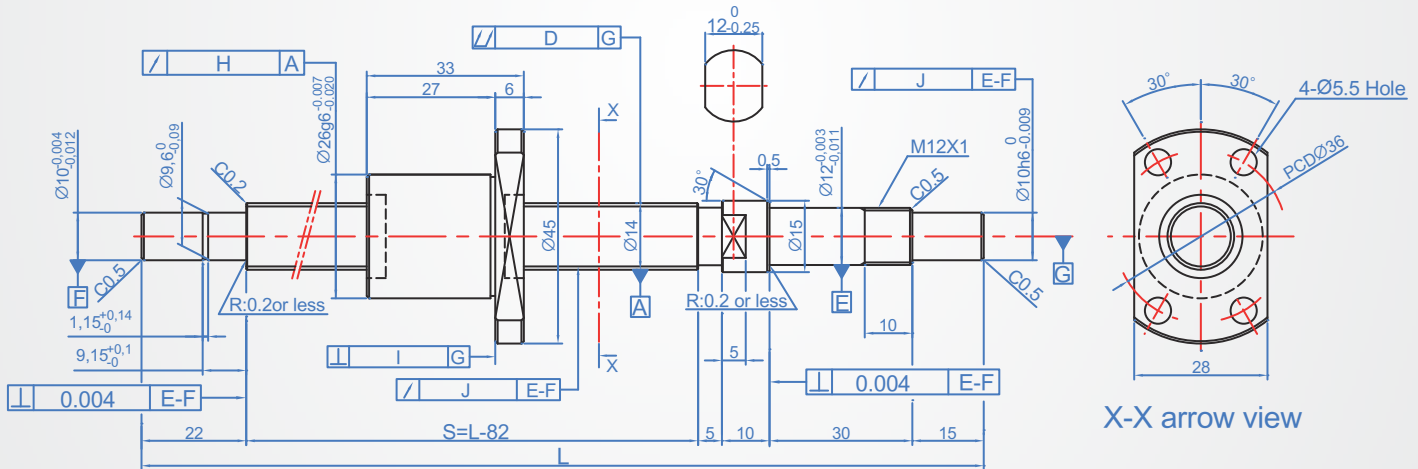
Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm E_c$	e	$\pm E_c$	e	$\pm E_c$	
100	200	10	8	20	18	$\pm 50/300\text{mm}$	
200	315	12	8	23	18		
315	400	13	10	25	20		
400	500	15	10	27	20		

Representative travel distance error (Use “ $\pm E_c$ ” Stand for) Fluctuation (Use “e” Stand for)

How to order ◀▶

1 2 3 4 5 6 7 8
 BNK - 14 - 04 - 3 - RR - G0 - 230L - C3 - Y -
 TYPE O.D. Lead No. of loop gasket Clearance L Accuracy Shaft end
 Steel.....Blank
 Stainless steel.....M



Unit : mm																		
O.D.	Lead	No. of loop	gasket	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
															Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
14	04	3	RR	G0	230-530	C3	Y	L - 82	Right	14.65	1 turn X 3 rows	Deflector	0	0.98~6.9	4.2	7.6	0.13 kg	0.8 kg/m
						C5												
						C7												
				G2														

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 14, lead 8 BNK 1408



- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

Lead angle accuracy

Unit : μm

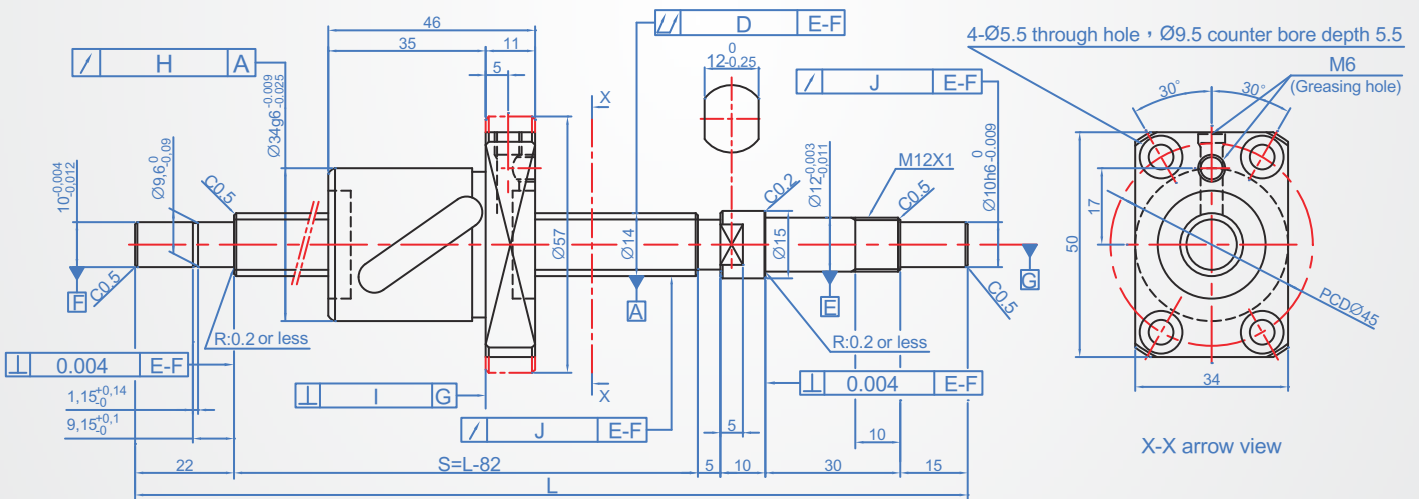
Effective length of screw(mm)		Lead accuracy (μm)					
		C3		C5		C7	
Over	Less	$\pm E_c$	e	$\pm E_c$	e	$\pm E_c$	
200	315	12	8	23	18	$\pm 50/300\text{mm}$	
315	400	13	10	25	20		
400	500	15	10	27	20		
500	630	16	12	30	23		
630	800	18	13	35	25		

Representative travel distance error (Use “ $\pm E_c$ ” Stand for)
Fluctuation (Use “e” Stand for)

How to order



Steel..... Blank
Stainless steel..... M



														Basic load rating		Mass		
O.D.	Lead	No. of loop	gasket	Clearance symbol	Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
14	08	2.5	RR	G0	321~871	C3	Y	L - 82	Right	14.75	2.5 turn X 1 rows	Deflector	0	2~7.8	4.3	5.8	0.29 kg	0.84 kg/m
				G2		C5							0.02 or less	-	6.9	11.5		

Shaft diameter 15, lead 20
BNK 1520



■ Lead angle accuracy Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)		
Over	Less	$\pm\text{Ec}$	e	
200	315	23	18	$\pm 50/300\text{mm}$
315	400	25	20	
400	500	27	20	
500	630	30	23	
630	800	35	25	
800	1000	40	27	

Representative travel distance error
 (Use “ $\pm\text{Ec}$ ” Stand for)

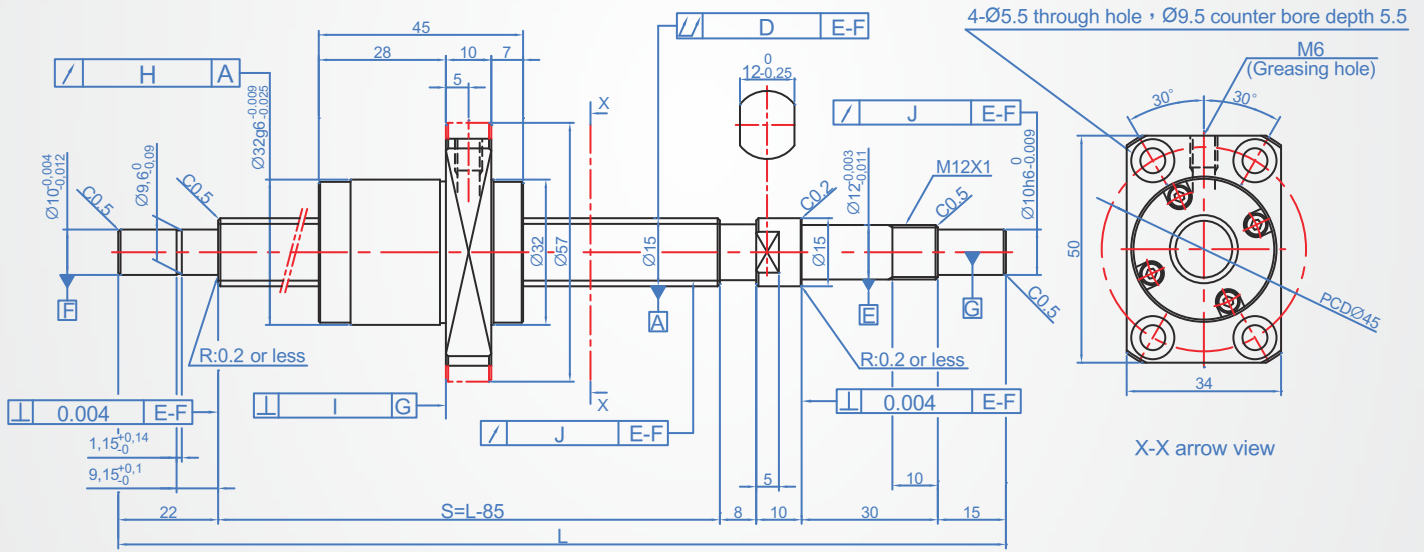
Fluctuation (Use “e” Stand for)

- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
 BNK - 15 - 20 - 3 - G0 - 321L - C5 - Y -
 TYPE Lead Clearance Accuracy Shaft end
 O.D. No. of loop L

Steel..... Blank
 Stainless steel..... M



Unit : mm																	
O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
15	20	3	G0	321-971	C5	Y	L - 85	Right	15.75	2.8 turn X 2 rows	Deflector	0	2~9.8	9	14.3	0.22 kg	0.76 kg/m
			G2		C7							0.02 or less		-	13.9		

Copyright © CHENA INDUSTRIAL CO., LTD ALL RIGHTS RESERVED.

Shaft diameter 15, lead 10
BNK 1510



■ Lead angle accuracy Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)		
Over	Less	$\pm\text{Ec}$	e	
200	315	12	8	$\pm 50/300\text{mm}$
315	400	13	10	
400	500	15	10	
500	630	16	12	
630	800	18	13	
800	1000	21	15	

Representative travel distance error
 (Use “ $\pm\text{Ec}$ ” Stand for)

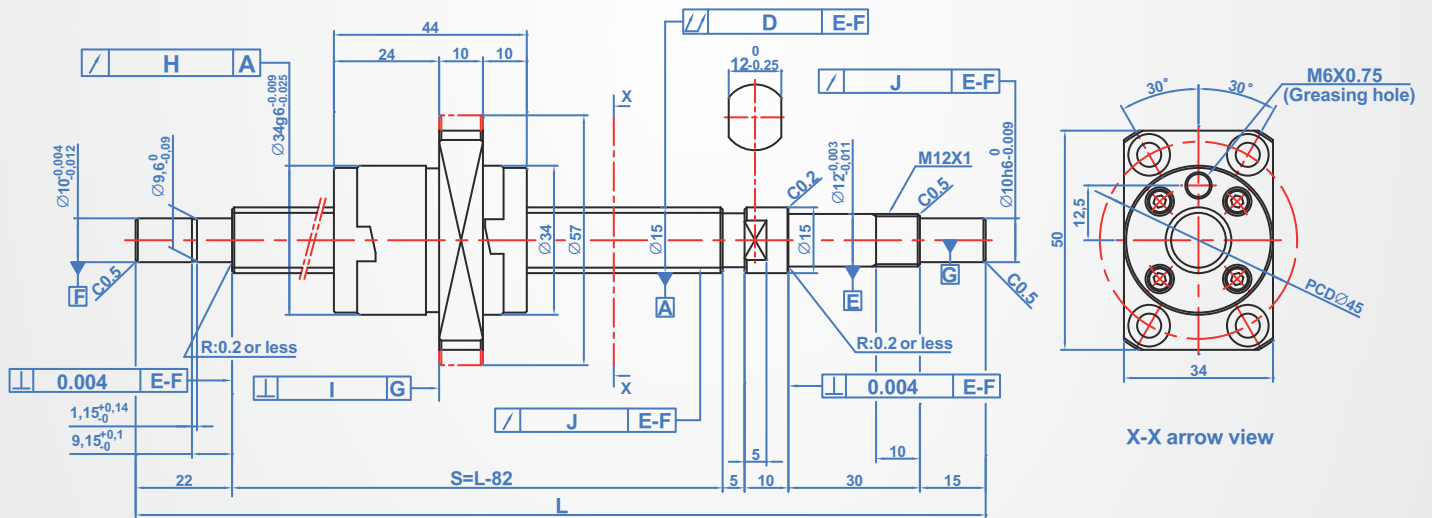
Fluctuation (Use “e” Stand for)

- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
 BNK - 15 - 10 - 5.6 - G0 - 321L - C5 - Y -
 TYPE Lead Clearance Accuracy Shaft end
 O.D. No. of loop L

Steel.....Blank
 Stainless steel.....M



O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
15	10	5.6	G0	321-971	C5	Y	L-82	Right	15.75	2.8 turn X 2 rows	Deflector	0	2~9.8	9	14.3	0.22 kg	0.76 kg/m
			G2		C7							0.02 or less	-	13.9	27.9		

Shaft diameter 20, lead 20
BNK 2020



■ Lead angle accuracy Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)			
		C5		C7	
Over	Less	$\pm E_c$	e	$\pm E_c$	
400	500	27	20	$\pm 50/300\text{mm}$	
500	630	30	23		
630	800	35	25		
800	1000	40	27		
1000	1250	46	30		

Representative travel distance error
(Use “ $\pm E_c$ ” Stand for)

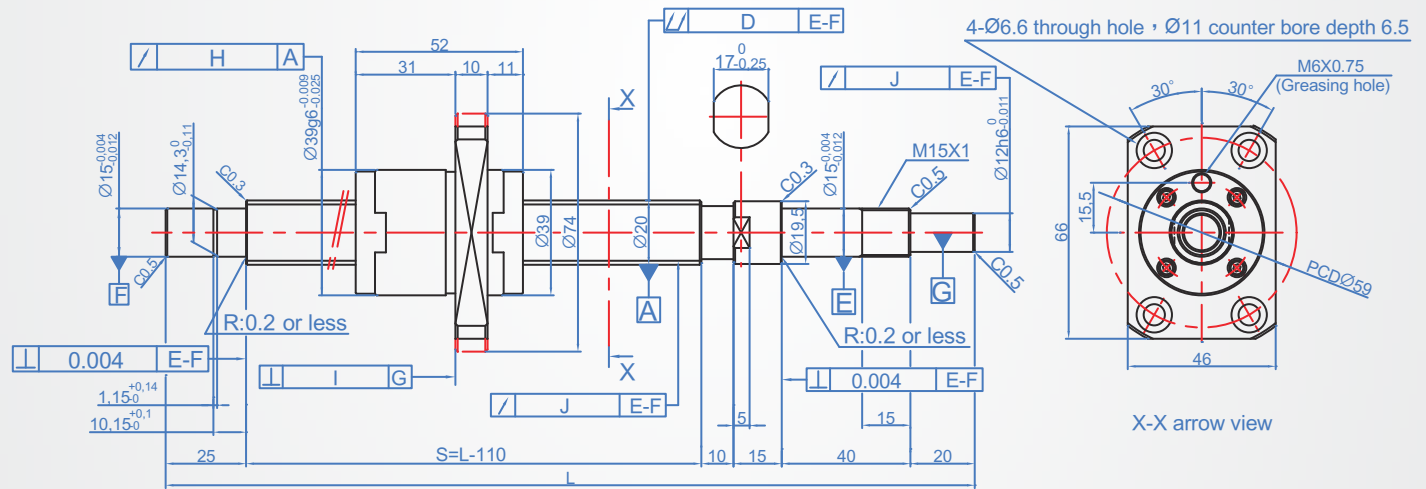
Fluctuation (Use “e” Stand for)

- Nut Part : SCM415
Hardness : HRC22 - 34
- Shaft Part : SCM415
Hardness : Rotate the face HRC58 - 64
Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
 BNK - 20 - 20 - 3.6 - G0 - 499L - C5 - Y -
 TYPE O.D. Lead No. of loop Clearance L Accuracy Shaft end

Steel.....Blank
 Stainless steel.....M



O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw	Shaft
20	20	3.6	G0	520-1320	C5	Y	L - 110	Right	20.75	1.8 turn X 2 rows	Deflector	0	2~9.8	7	11.1	0.39 kg	2.04 kg/m
														12.3	24.7		
			G2		C7							0.02 or less	-				

Copyright © CHENA INDUSTRIAL CO.,LTD ALL RIGHTS RESERVED.

Shaft diameter 25, lead 20
BNK 2520



■ Lead angle accuracy Unit : μm

Effective length of screw(mm)		Lead accuracy (μm)		
Over	Less	$\pm\text{Ec}$	e	
500	630	30	23	$\pm 50/300\text{mm}$
630	800	35	25	
800	1000	40	27	
1000	1250	46	30	
1250	1600	54	35	
1600	2000	65	40	

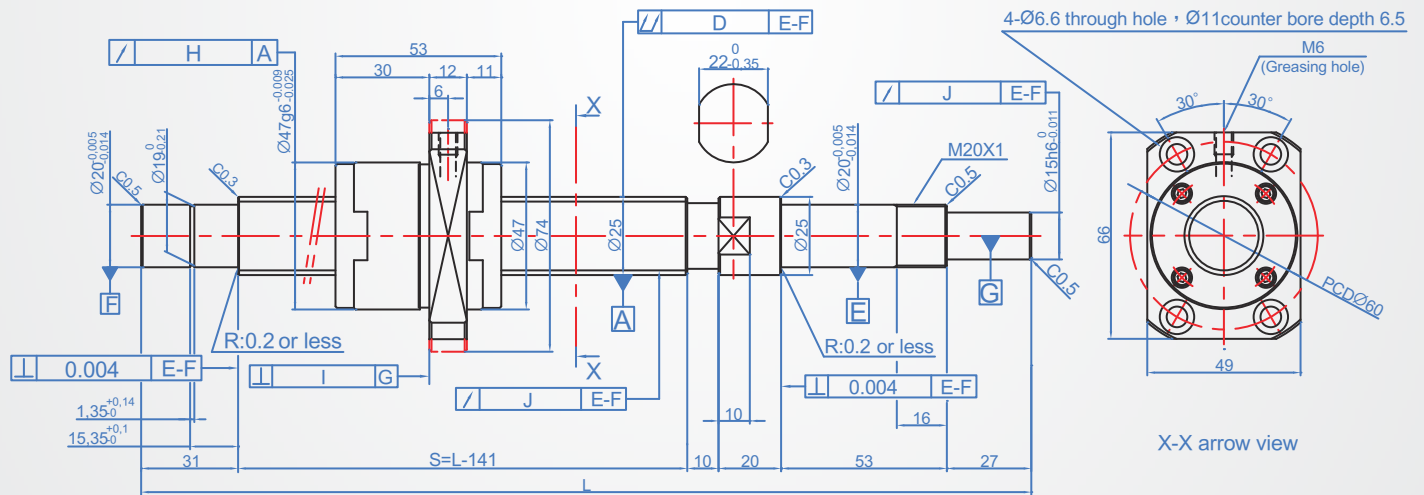
Representative travel distance error
 (Use “ $\pm\text{Ec}$ ” Stand for)
 Fluctuation (Use “e” Stand for)

- Nut Part : SCM415
 Hardness : HRC22 - 34
- Shaft Part : SCM415
 Hardness : Rotate the face HRC58 - 64
 Shaft end HRC22 - 34

How to order

1 2 3 4 5 6 7
BNK 25 - 20 - 3.6 - G0 - 751L - C5 - Y -
 TYPE O.D. Lead Clearance L Accuracy Shaft end

Steel.....Blank
 Stainless steel.....M



O.D.	Lead	No. of loop	Clearance symbol	L Designated units 1mm	Accuracy	Shaft end Finish	S	Threading direction	Ball diameter	No. of circuits	Circulation method	Axial clearance	Preload torque N • m	Basic load rating		Mass	
														Ca(Dynamic) kN	Ca(Static state) kN	Screw kg	Shaft kg/m
25	20	3.6	G0	751-1851	C5	Y	L - 141	Right	26	1.8 turn X 2 rows	Deflector	0	4.9~22	10.5	19	0.53 kg	3.03 kg/m
			G2		C7							0.02 or less	-	16.7	38		