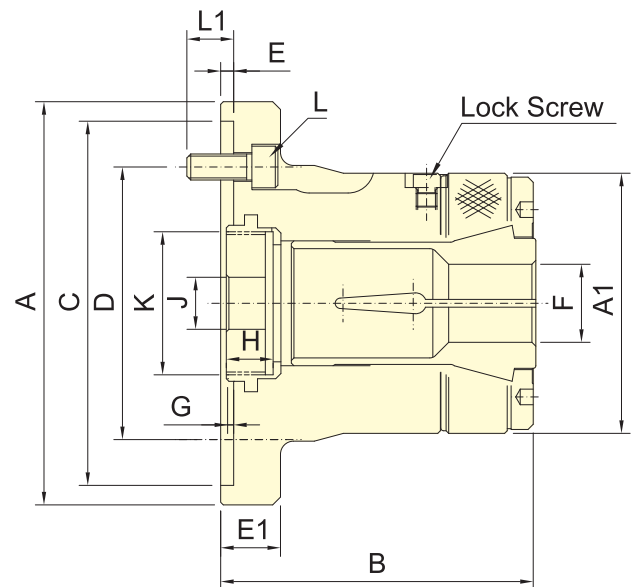




Application/customer benefits

- It's a PUSH type collet are used mainly on turning, CNC, special purpose machines and other, ect.
- High clamping accuracy, high speed and construction of high rigidity.
- The installation is the same as "Thru-hole power chuck" and they are replaceable with each other. No need to change the "Draw tube".
- Sealed against swarf, chips and coolant.
- The collet used must accord with DIN 6343.
- Patent numbers :
Taiwan : PAT.M272602 / PAT.M380842 China : PAT.ZL2010.2.011376.2



* Subject to technical changes.

COLLET CHUCKS

Specifications

Model	Plunger stroke (mm)	Max. Chucking Capacity (mm)			Max. D.B. pull kN (kgf)	Max. clamping force kN(kgf)	Max. speed min ⁻¹ (r.p.m.)	I kg · m ²	Weight (kg)	Matching Stell Collet	Matching cyl.	Max. pressure MPa (kgf/cm ²)
		Round	Hexagom	Square								
CL-26	4.5	3~26	4~22	4~18	17.6(1800)	37.9(3870)	8000	0.04	4.3	161E	TK-A533	2.6(26)
CL-30	4.5	3~30	4~26	4~20	19.6(2000)	42.1(4300)	8000	0.038	4.2	163E	TK-A533	2.9(29)
CL-36	6	3~36	6~32	6~26	22.5(2300)	48.5(4950)	6000	0.062	7	171E	TK-C643	2.5(25)
C L-42	6	3~42	6~36	6~29	24.5(2500)	52.9(5400)	6000	0.06	6.9	173E	TK-C643	2.9(29)
CL-52	6	5~52	8~45	7~36	27.4(2800)	59.0(6020)	6000	0.101	14.3	177E	TK-A853	2.3(23)
CL-6017	6	5~60	8~52	7~42	29.4(3000)	63.7(6500)	5000	0.098	14.1	185E	TK-1068	1.8(18)
CL-6022	6	5~60	8~52	7~42	29.4(3000)	63.7(6500)	5000	0.126	16.3	185E	TK-1068	1.8(18)
CL-80	6	20~80	18~69	15~56	34.3(3500)	71.5(7300)	4000	0.108	17.8	193E	TK-1287	1.6(16)

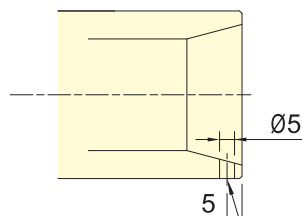
Dimensions

Model	A	A1	B	C(H6)	D	E	E1	F max.	F min.	G max.	G min.	H	J	K max.	L	L1
CL-26	120	85	100	110	82.6	4	23	26	3	7	2.5	15	12	M40x1.5	3~M10x25	16
CL-30	120	85	100	110	82.6	4	23	30	3	7	2.5	15	12	M40x1.5	3~M10x25	16
CL-36	155	100	120	140	104.8	5	23	36	3	7	1	17.5	20	M55x2	3~M10x25	18
CL-42	155	100	120	140	104.8	5	23	42	3	7	1	17.5	20	M55x2	3~M10x25	18
CL-52	185	130	145.5	170	133.4	5	27	52	5	9	3	24	45	M60x2	6~M12x30	20
CL-6017	185	130	145.5	170	133.4	5	27	60	5	9	3	24	45	M75x2	6~M12x30	20
CL-6022	234	130	142	220	171.5	5	32	60	5	13	7	24	45	M85x2	6~M16x30	20
CL-80	234	156	163	220	171.5	5	32	80	20	15.5	9.5	22	45	M100x2	6~M16x30	20

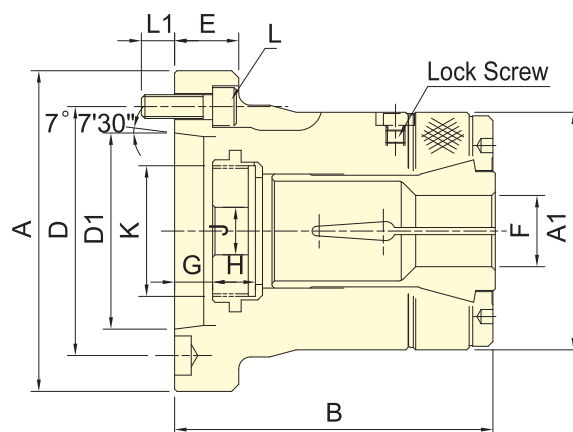


Application/customer benefits

- It's a PUSH type collet are used mainly on turning, CNC, special purpose machines and other, ect.
- High clamping accuracy, high speed and construction of high rigidity.
- The installation is the same as "Thru-hole power chuck" and they are replaceable with each other. No need to change the "Draw tube".
- Sealed against swarf, chips and coolant.
- The collet used must accord with DIN 6343.
- Patent numbers : Taiwan : PAT.M272602 / PAT.M380842



The hole and lock pin is option.
Note: While clamp square or hexagonal material, please order hole and lock pin of collet chuck.



* Subject to technical changes.

Specifications

Model	Plunger stroke (mm)	Max. Chucking Capacity (mm)			Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min ⁻¹ (r.p.m.)	I kg · m ²	Weight (kg)	Matching Stell Collet	Matching cyl.	Max. pressure MPa (kgf/cm ²)
		Round	Hexagom	Square								
CL-26 A4	4.5	3~26	4~22	4~18	17.6(1800)	37.9(3870)	8000	0.04	4.2	161E	TK-A533	2.6(26)
CL-30 A4	4.5	3~30	4~26	4~20	19.6(2000)	42.1(4300)	8000	0.038	4.1	163E	TK-A533	2.9(29)
CL-36 A5	6	3~36	6~32	6~26	22.5(2300)	48.5(4950)	6000	0.058	6.3	171E	TK-C643	2.5(25)
CL-42 A5	6	3~42	6~36	6~29	24.5(2500)	52.9(5400)	6000	0.057	6.1	173E	TK-C643	2.9(29)
CL-42 A6	6	3~42	6~36	6~29	24.5(2500)	52.9(5400)	6000	0.061	7.5	173E	TK-C643	2.9(29)
CL-52 A6	6	5~52	8~45	7~36	27.4(2800)	59.0(6020)	6000	0.093	13.8	177E	TK-A853	2.3(23)
CL-60 A6	6	5~60	8~52	7~42	29.4(3000)	63.7(6500)	5000	0.091	13.5	185E	TK-1068	1.8(18)
CL-60 A8	6	5~60	8~52	7~42	29.4(3000)	63.7(6500)	5000	0.104	14.5	185E	TK-1068	1.8(18)
CL-80 A8	6	20~80	18~69	15~56	34.3(3500)	71.5(7300)	4000	0.12	19.8	193E	TK-1287	1.6(16)

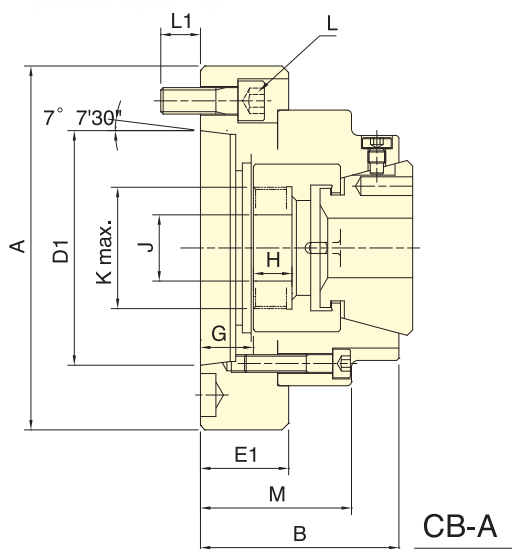
Dimensions

Model	A	A1	B	D	D1	E	F max.	F min.	G max.	G min.	H	J	K max.	L	L1
CL-26 A4	110	85	108	82.6	63.51	25	26	3	9.5	5	15	12	M40x1.5	3~M10x30	15
CL-30 A4	110	85	108	82.6	63.51	25	30	3	9.5	5	15	12	M40x1.5	3~M10x30	15
CL-36 A5	135	100	130	104.8	82.56	27	36	3	14	8	17.5	20	M55x2	4~M10x30	14
CL-42 A5	135	100	130	104.8	82.56	27	42	3	14	8	17.5	20	M55x2	4~M10x30	14
CL-42 A6	165	100	130	133.4	106.38	32	42	3	17	11	17.5	20	M60x2	4~M12x35	16
CL-52 A6	170	130	154	133.4	106.38	27	52	5	10.5	4.5	24	45	M60x2	4~M12x35	20
CL-60 A6	170	130	154	133.4	106.38	27	60	5	10.5	4.5	24	45	M75x2	4~M12x35	20
CL-60 A8	210	130	147.5	171.5	139.72	35	60	5	3.5	-2.5	24	45	M85x2	4~M16x40	22
CL-80 A8	210	156	175	171.5	139.72	35	80	20	7.5	1.5	22	45	M100x2	6~M16x40	22

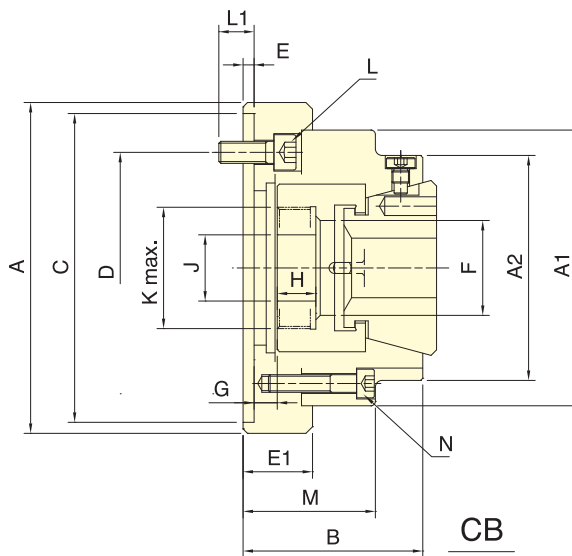


Application/customer benefits

- It's a DRAW type collet are used mainly on turning, CNC, special purpose machines and other, ect.
- High clamping accuracy, high speed and construction of high rigidity.
- The installation is the same as "Thru-hole power chuck" and they are replaceable with each other, no need to change the "Draw tube".
- This is a completely sealed design, which prevents coolant and chips from entering the spindle.
- J vale is the hole diameter of blank draw nut, K is the maximum thread specification, and it could be customize.



CB-A



CB

Specifications

* Subject to technical changes.

Model	Plunger stroke (mm)	Max. Chucking Capacity (mm)			Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min ¹ (r.p.m.)	Weight (kg)	Matching Stell Collet	Matching cyl.	Max. pressure MPa (kgf/cm ²)
		Round	Square	Hexagom							
CB-42	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	6.5	RG-42	TK-B846	2.8(28)
CB-42 A5	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	6.2	RG-42	TK-B846	2.8(28)
CB-42 A6	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	7.4	RG-42	TK-B846	2.8(28)
CB-52	4.5	4~52	7~36	7~45	39.2(4000)	92.1(9400)	7000	6	RG-52	TK-A853	3.2(32)
CB-5217	4.5	4~52	7~36	7~45	39.2(4000)	92.1(9400)	7000	9.6	RG-52	TK-A853	3.2(32)
CB-52 A5	4.5	4~52	7~36	7~45	39.2(4000)	92.1(9400)	7000	6.5	RG-52	TK-A853	3.2(32)
CB-52 A6	4.5	4~52	7~36	7~45	39.2(4000)	92.1(9400)	7000	7.8	RG-52	TK-A853	3.2(32)
CB-65	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	5500	15	RG-65	TK-1068	3.0(30)
CB-65 A6	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	5500	13.6	RG-65	TK-1068	3.0(30)
CB-65 A8	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	5500	17.6	RG-65	TK-1068	3.0(30)
CB-80	6	5~80	8~56	8~68	50.0(5100)	115(11730)	5500	19	RG-80	TK-1287	2.3(23)
CB-80 A8	6	5~80	8~56	8~68	50.0(5100)	115(11730)	5500	19	RG-80	TK-1287	2.3(23)

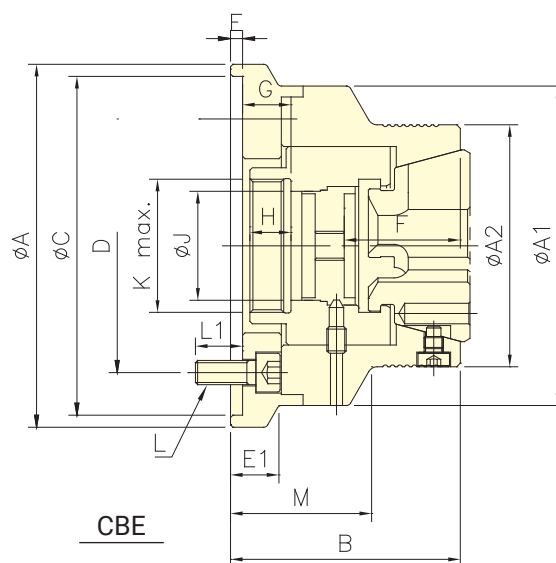
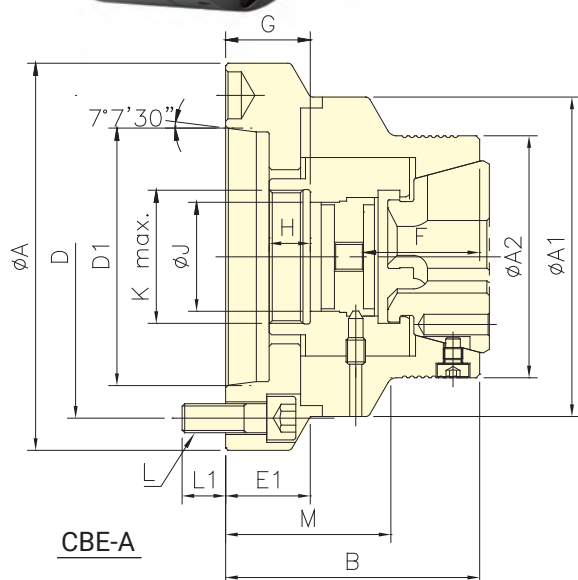
Dimensions

Model	A	A1	A2	B	C(H6)	D	D1	E	E1	F	G max.	G min.	H	J	K max.	L	L1	M	N
CB-42	150	125	102	81.5	140	104.8	-	5	31	43	10.5	6	17.5	30	M55x2	3~M10x25	11	60	4~M8
CB-42 A5	140	125	102	91.5	-	104.8	82.56	-	41.5	43	25.5	21	17.5	30	M55x2	4~M10x25	12	70	4~M8
CB-42 A6	165	125	102	91.5	-	133.4	106.38	-	45	43	29	24.5	17.5	30	M55x2	4~M12x35	18	73.5	4~M8
CB-52	150	125	102	83.5	140	104.8	-	5	31.5	53	11	6.5	17.5	30	M60x2	4~M10x25	16	62.5	4~M8
CB-5217	180	125	102	87	170	133.4	-	5	35	53	14.5	10	17.5	30	M60x2	4~M12x30	18	66	4~M8
CB-52 A5	140	125	102	93.5	-	104.8	82.56	-	41.5	53	26	21.5	17.5	30	M60x2	4~M10x30	16	72.5	4~M8
CB-52 A6	165	125	102	99	-	133.4	106.38	-	47	53	31.5	27	17.5	30	M60x2	6~M12x35	18	78	4~M8
CB-65	185	145	120	100	170	133.4	-	6	50	66	13.5	9	21.5	32	M75x2	6~M12x40	20	73.5	4~M8
CB-65 A6	165	145	120	111	-	133.4	106.38	-	61	66	30.5	26	21.5	32	M75x2	4~M12x40	20	84.5	4~M8
CB-65 A8	207	145	120	107	-	171.4	139.72	-	57	66	26.5	22	21.5	32	M75x2	4~M16x40	24	80.5	4~M8
CB-80	235	175	150	112	220	171.4	-	5	37	82.5	14	8	25	32	M85x2	6~M16x30	22	87	6~M10
CB-80 A8	210	175	150	125	-	171.4	139.72	-	50	82.5	27	21	25	32	M85x2	6~M16x50	24	100	6~M10



Application/customer benefits

- Clamping push with the backgauge block mechanism, collet will not be pushed, can precise positioning for workpiece length, make the precision of the length control more precise.
- Match Autogrip Rubber collet, clamping direction perpendicular to axis, never occur that situation of collet push workpiece.
- Backgauge block and cover able to interchangeable use, as well as application and chip-proof function.



* Subject to technical changes.

Specifications

Model	Plunger stroke (mm)	Max. Chucking Capacity (mm)			Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min^{-1} (r.p.m.)	Weight (kg)	Matching Stell Collet	Matching cyl.	Max. pressure MPa (kgf/cm ²)
		Round	Square	Hexagom							
CBE-42	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	6	RG-42	TK-B846	2.8(28)
CBE-4212	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	6	RG-42	TK-B846	2.8(28)
CBE-42A5	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	6.3	RG-42	TK-B846	2.8(28)
CBE-42A6	4.5	4~42	7~30	7~36	34.3(3500)	78.4(8000)	7000	7.4	RG-42	TK-B846	2.8(28)
CBE-65	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.3	RG-65	TK-1068	3.0(30)
CBE-6517	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	8.6	RG-65	TK-1068	3.0(30)
CBE-65A5	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	10.8	RG-65	TK-1068	3.0(30)
CBE-65A6	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.5	RG-65	TK-1068	3.0(30)
CBE-65A8	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.5	RG-65	TK-1068	3.0(30)

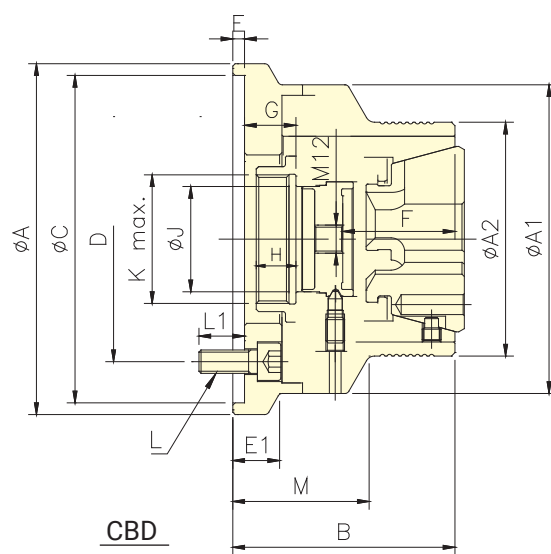
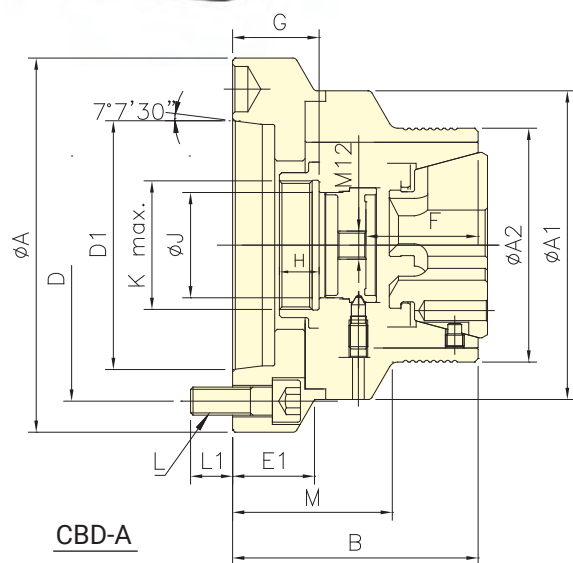
Dimensions

Model	A	A1	A2	B	C(H6)	D	D1	E	E1	F	G max.	G min.	H	J	K max.	L	L1	M
CBE-42	150	132	100	95	140	104.8	-	5	20	48	27.5	23	17	45	M55x2	4~M10x25	19.5	58
CBE-4212	132	132	100	95	120	100	-	5	-	48	27.5	23	17	45	M55x2	4~M10x25	19.5	58
CBE-42A5	132	132	100	105	-	104.8	82.56	-	-	48	37.5	33	17	45	M55x2	4~M10x30	16	68
CBE-42A6	160	132	100	105	-	133.4	106.38	-	35	48	37.5	33	17	45	M55x2	4~M12x35	18	68
CBE-65	157	157	122	116	140	104.8	-	6	-	56	40.5	36	17.5	68	M75x2	4~M10x30	18	74
CBE-6517	180	157	122	114	170	133.4	-	6	24	56	40.5	36	17.5	68	M75x2	4~M12x30	18	72
CBE-65A5	157	157	122	114	-	104.8	82.56	-	-	56	38.5	34	17.5	68	M75x2	4~M10x25	16	72
CBE-65A6	157	157	122	112	-	133.4	106.38	-	-	56	36.5	32	17.5	68	M75x2	4~M12x35	18.5	70
CBE-65A8	202	157	122	116	-	171.4	139.72	-	38	56	36.5	32	17.5	68	M75x2	4~M16x35	24	74



Application/customer benefits

- Clamping push with the backgauge block mechanism, collet will not be pushed, can precise positioning for workpiece length, make the precision of the length control more precise.
- Match Autogrip Rubber collet, clamping direction perpendicular to axis, never occur that situation of collet push workpiece.
- Backgauge block and cover able to interchangeable use, as well as application and chip-proof function.



* Subject to technical changes.

Specifications

Model	Plunger stroke (mm)	Max. Chucking Capacity (mm)			Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min ⁻¹ (r.p.m.)	Weight (kg)	Matching Stell Collet	Matching cyl.	Max. pressure MPa (kgf/cm ²)
		Round	Square	Hexagom							
CBD-65	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.3	RG-65	TK-1068	3.0(30)
CBD-6517	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	8.6	RG-65	TK-1068	3.0(30)
CBD-65A5	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	10.8	RG-65	TK-1068	3.0(30)
CBD-65A6	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.5	RG-65	TK-1068	3.0(30)
CBD-65A8	4.5	4~65	8~46	8~56	44.1(4500)	103(10500)	6000	9.5	RG-65	TK-1068	3.0(30)

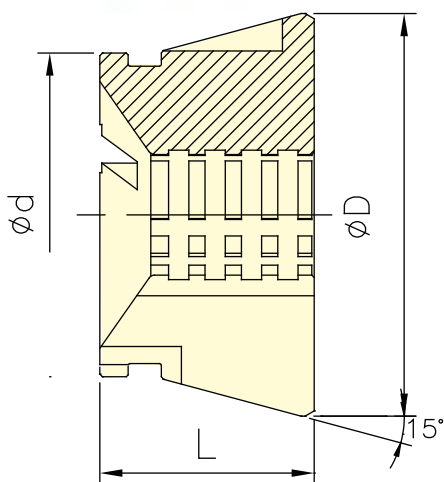
Dimensions

Model	A	AI	A2	B	C(H6)	D	D1	E	E1	F	G max.	G min.	H	J	K max.	L	L1	M
CBD-65	157	157	122	114	140	104.8	-	6	-	54	35	30.5	17.5	68	M75x2	4~M10x30	18	72
CBD-6517	180	157	122	112	170	133.4	-	6	24	54	33	28.5	17.5	68	M75x2	4~M12x30	18	70
CBD-65A5	157	157	122	112	-	104.8	82.56	-	-	54	39	34.5	17.5	68	M75x2	4~M10x25	16	70
CBD-65A6	157	157	122	110	-	133.4	106.38	-	-	54	37	32.5	17.5	68	M75x2	4~M12x35	18.5	68
CBD-65A8	202	157	122	114	-	171.4	139.72	-	38	54	41	36.5	17.5	68	M75x2	4~M16x35	24	72

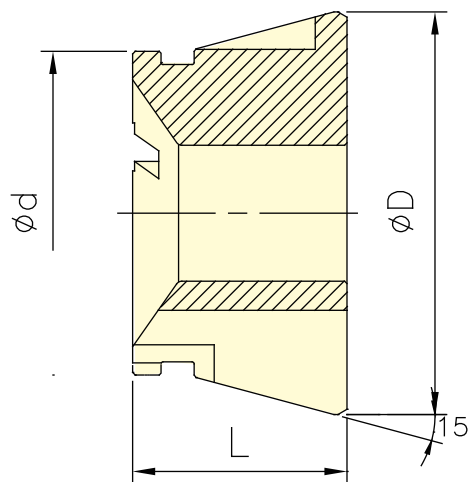


Application/customer benefits

- It is a rubber grip collet for push type or draw type collet chucks.
- Full gripping area: high rigidity, more gripping force.
Gripping smoothly: prevent to damage the workpiece.
- More accurate than standard spring collets.
Accuracy: With customized rubber grip collet, the accuracy can reach $\pm 10\mu\text{m}$
- Grip Range: $\pm 0.5\text{mm}$
- Quick change and easy.
- Dust-proof and swarf-proof design.



RG-RT



RG-R

Specifications

* Subject to technical changes.

Model	Max. Chucking Capacity (mm) Round	d	D	L	Matching Collect Chuck
RG-42R	4~42	54	79.3	42	CB-42,CBE-42
RG-42RT	4~42	54	79.3	42	CB-42,CBE-42
RG-52R	4~52	66	79.3	46	CB-52,CBD-52,CBE-52
RG-52RT	4~52	66	79.3	46	CB-52,CBD-52,CBE-52
RG-65R	4~65	80	99.5	53	CB-65,CBD-65,CBE-65
RG-65RT	4~65	80	99.5	53	CB-65,CBD-65,CBE-65

Square and hex collets are made to order.

Dimensions

Test Bar D(S,H)	L mm	A DIN	
		Class1	Class2
3.0~6.0	16	0.015	0.02
6.0~10	25	0.015	0.02
10.0~18.0	40	0.02	0.03
18.0~24.0	50	0.02	0.03
24.0~30.0	60	0.02	0.03
30.0~50.0	80	0.03	0.04
50.0~60.0	100	0.03	0.04

Note01 : Collets chuck are conformed to DIN6343 Class2.

Note02 : AUTOGRIP's rubber grip collets are conformed to DIN6343 Class1.

