※ Positioning of Square work pieces.
※ Bore Sizes Ø 80, 100, 125, 160 mm.
※ The housing: high-tensile aluminium and special hard-coated.
※ The 2-jaw grippers is designed in lower height with long stroke.

How to order

CGT - 80 RH 1

- CGT - 80: Type
- RH: Auto switch type
- 1: Number of auto switch

Auto switch type

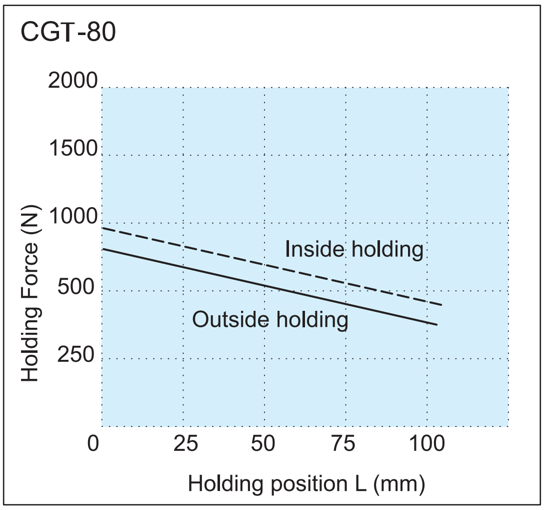
In-line	Style
RH	Reed switch
RHN	NPN
RHP	PNP

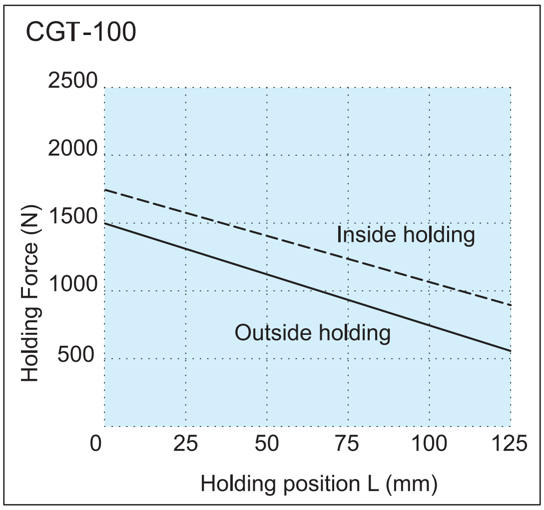
Specifications

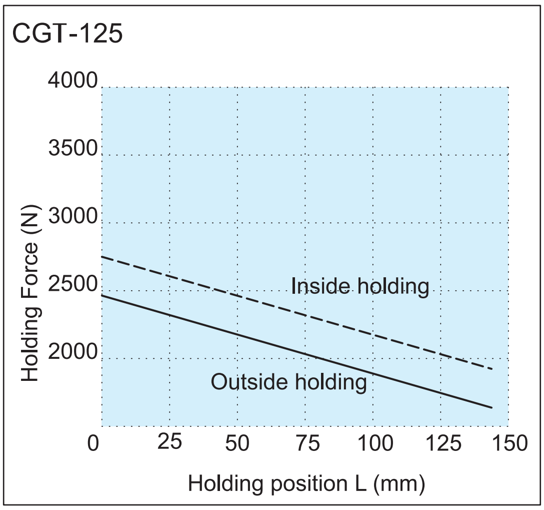
Model	CGT-80	CGT-100	CGT-125	CGT-160
Stroke per finger (mm)	8	10	13	16
Fluid	Air			
Operating pressure MPa	0.2~0.8(2.0 to 8.2 kgf/cm^2)			
Ambient and fluid temperature °C (°F)	-10~60 (14 to 140)			
Repeatability(mm)	0.05			
Lubrication	No Lubrication			
Action	Double acting			
Weight (kg)	0.64	1.18	2.01	3.94

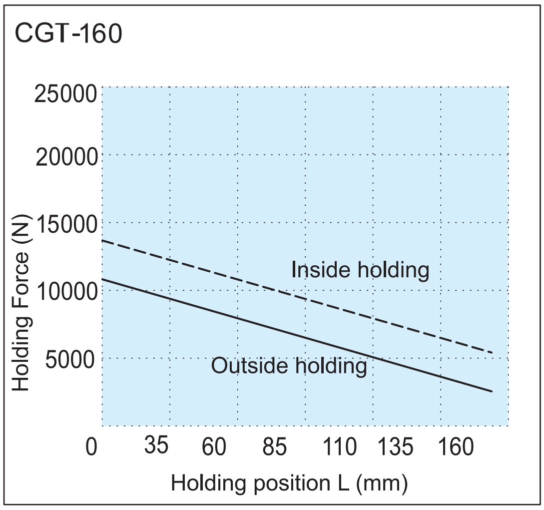
*Maintenance: Re-Lubrication after appr. 1.5 million cycles recommended

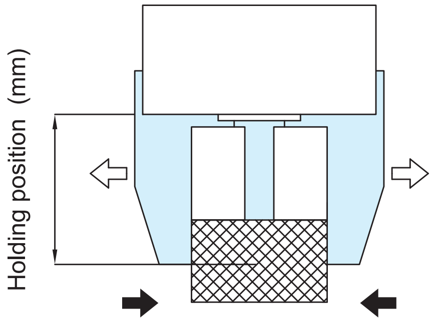
Gripping force in relation to the holding position "L" at 6 kgf/cm^2







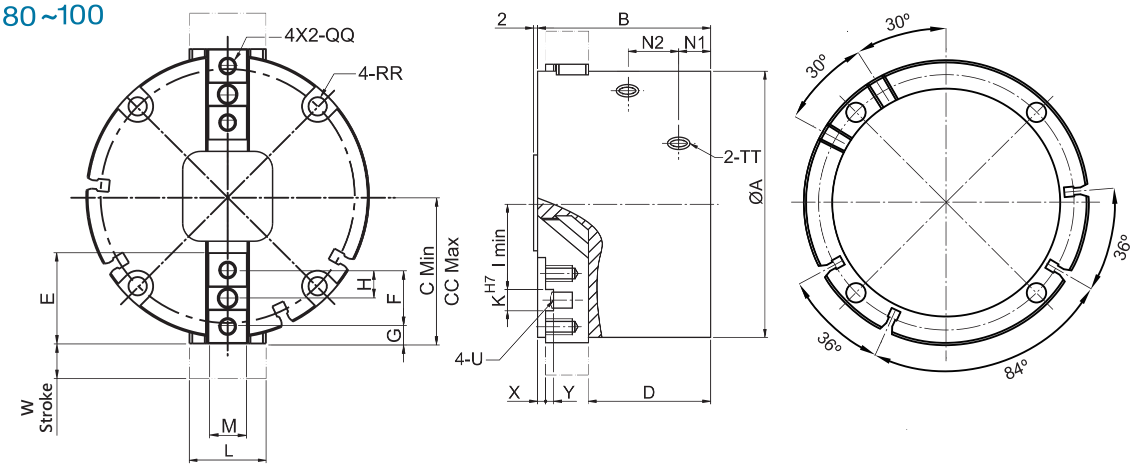




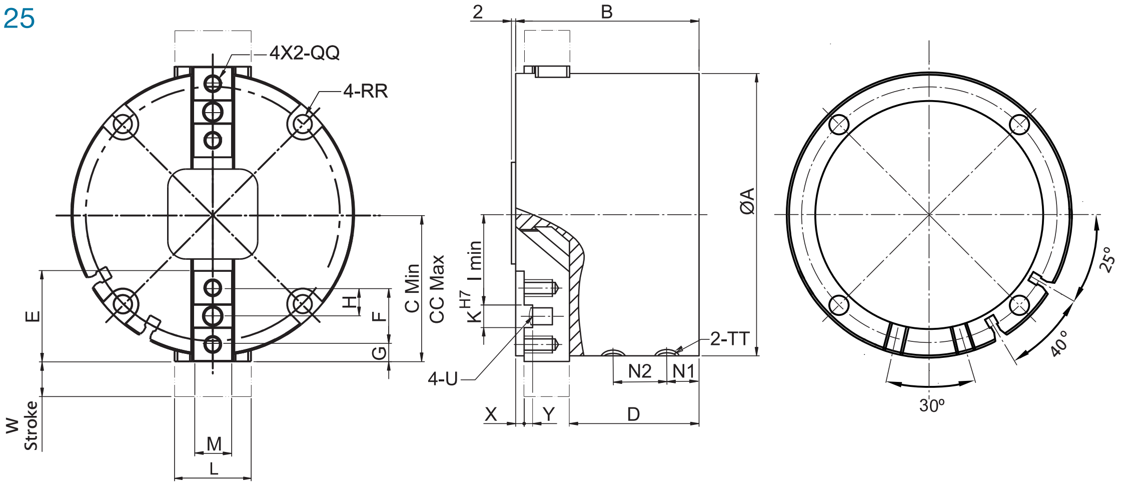
Inside holding force (⇦ ⇨)
Outside holding force (➡ ⬅)

＊With reference to the holding force, under the condition must be considered.
＊Condition: Friction coefficient, great acceleration impact is expected during work pice rotate.
＊It recommend: select a type of arithmetic holding force that can produce 10 to 20 times for work pice weight.

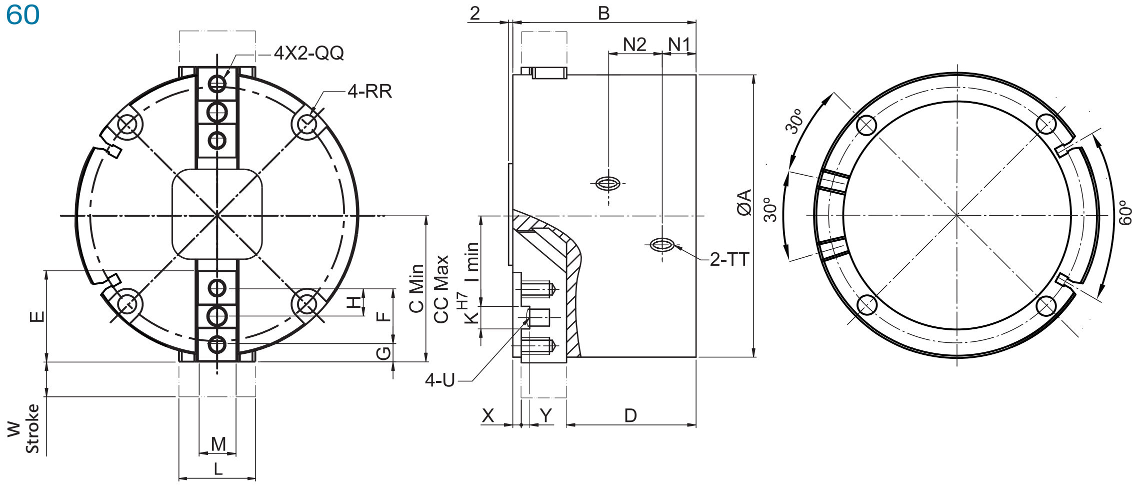
CGT-80~100



CGT-125



CGT-160



Model	A	B	C	CC	D	E	F	G	H	I	K	L	M	N1	N2
CGT-80	80	56.5	42	50	39.5	25	16	5	8	26	6	23	12.2	10	22
CGT-100	100	65	52	62	46	32	20	6	10	32	8	27	14.2	12	24
CGT-125	125	76	65.5	78.5	53.5	40	24	8.5	12	41	8	30	16.2	13.5	28.5
CGT-160	160	95	85	101	67	50	32	9	16	55	10	40	20.2	15.5	32.5

Model	RR	QQ	TT	U	W	X	Y
CGT-80	Ø6.4 Thru , Ø11 C / B DP 7 P.C.D 70	M5 X 0.8 DP 9	M5	Ø5	8	3	3
CGT-100	Ø6.6 Thru , Ø11 C / B DP 7 P.C.D 90	M6 X 1.0 DP 12	PT 1/8”	Ø6	10	3	3
CGT-125	Ø8.5 Thru , Ø15 C / B DP 9 P.C.D 112	M6 X 1.0 DP 12	PT 1/8”	Ø6	13	3.5	3.5
CGT-160	Ø9 Thru , Ø15 C / B DP 8 P.C.D 146	M8 X 1.25DP 20	PT 1/8”	Ø8	16	4	4