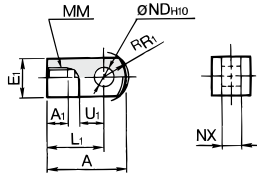


Single Knuckle Joint

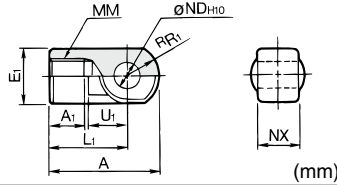
I-G02/G03

Material: Carbon steel



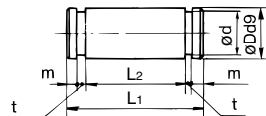
I-G04/G05/G08/G10

Material: Cast iron



Part no.	Applicable bore size	A	A1	E1	L1	MM	R1	U1	NDH10	NX
I-G02	20	34	8.5	16	25	M8 x 1.25	10.3	11.5	8 ^{+0.058} ₀	8 ^{+0.2} _{-0.4}
I-G03	25,32	41	10.5	20	30	M10 x 1.25	12.8	14	10 ^{+0.058} ₀	10 ^{+0.2} _{-0.4}
I-G04	40	42	14	22	30	M14 x 1.5	12	14	10 ^{+0.058} ₀	18 ^{+0.3} _{-0.5}
I-G05	50,63	56	18	28	40	M18 x 1.5	16	20	14 ^{+0.070} ₀	22 ^{+0.3} _{-0.5}
I-G08	80	71	21	38	50	M22 x 1.5	21	27	18 ^{+0.070} ₀	28 ^{+0.3} _{-0.5}
I-G10	100	79	21	44	55	M26 x 1.5	24	31	22 ^{+0.084} ₀	32 ^{+0.3} _{-0.5}

Knuckle Pin

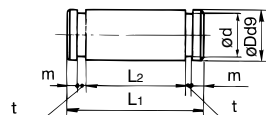


Material: Carbon steel (mm)

Part no.	Applicable bore size	Dd9	L1	d	L2	m	t	Included retaining ring
IY-G02	20	8 ^{+0.040} _{-0.076}	21	7.6	16.2	1.5	0.9	Type C8 for axis
IY-G03	25,32	10 ^{+0.040} _{-0.076}	25.6	9.6	20.2	1.55	1.15	Type C10 for axis
IY-G04	40	10 ^{+0.040} _{-0.076}	41.6	9.6	36.2	1.55	1.15	Type C10 for axis
IY-G05	50,63	14 ^{+0.050} _{-0.093}	50.6	13.4	44.2	2.05	1.15	Type C14 for axis
IY-G08	80	18 ^{+0.050} _{-0.093}	64	17	56.2	2.55	1.35	Type C18 for axis
IY-G10	100	22 ^{+0.065} _{-0.117}	72	21	64.2	2.55	1.35	Type C22 for axis

* Retaining rings are included.

Clevis Pin



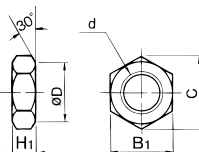
Material: Carbon steel (mm)

Part no.	Applicable bore size	Dd9	L1	d	L2	m	t	Included retaining ring
CD-G02	20	8 ^{+0.040} _{-0.076}	43.4	7.6	38.6	1.5	0.9	Type C8 for axis
CD-G25	25	10 ^{+0.040} _{-0.076}	48	9.6	42.6	1.55	1.15	Type C10 for axis
CD-G03	32	12 ^{+0.050} _{-0.093}	59.4	11.5	54	1.55	1.15	Type C12 for axis
CD-G04	40	14 ^{+0.050} _{-0.093}	71.4	13.4	65	2.05	1.15	Type C14 for axis
CD-G05	50	16 ^{+0.050} _{-0.093}	86	15.2	79.6	2.05	1.15	Type C16 for axis
CD-G06	63	18 ^{+0.050} _{-0.093}	105.4	17	97.8	2.45	1.35	Type C18 for axis

* Retaining rings are included.

* A clevis pin and a knuckle pin are common for the bore size ø80 and ø100.

Rod End Nut



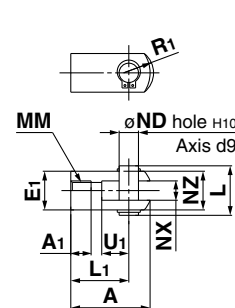
Material: Carbon steel (mm)

Part no.	Applicable bore size	d	H1	B1	C	D
NT-02	20	M8 x 1.25	5	13	(15)	12.5
NT-03	25,32	M10 x 1.25	6	17	(19.6)	16.5
NT-G04	40	M14 x 1.5	8	19	(21.9)	18
NT-05	50,63	M18 x 1.5	11	27	(31.2)	26
NT-08	80	M22 x 1.5	13	32	(37.0)	31
NT-10	100	M26 x 1.5	16	41	(47.3)	39

Double Knuckle Joint

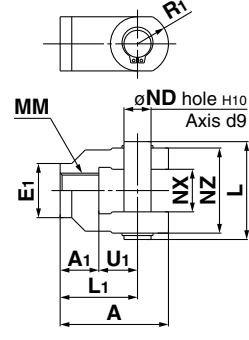
Y-G02/G03

Material: Carbon steel



Y-G04/G05/G08/G10

Material: Cast iron



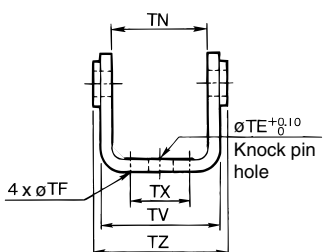
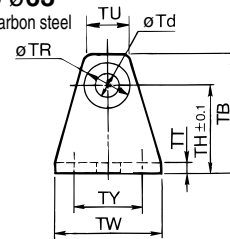
Part no.	Applicable bore size	A	A1	E1	L1	MM	R1	U1	ND	NX	NZ	L	Included pin part no.
Y-G02	20	34	8.5	16	25	M8 x 1.25	10.3	11.5	8	8 ^{+0.4} _{-0.2}	16	21	IY-G02
Y-G03	25,32	41	10.5	20	30	M10 x 1.25	12.8	14	10	10 ^{+0.4} _{-0.2}	20	25.6	IY-G03
Y-G04	40	42	16	22	30	M14 x 1.5	12	14	10	18 ^{+0.5} _{-0.3}	36	41.6	IY-G04
Y-G05	50,63	56	20	28	40	M18 x 1.5	16	20	14	22 ^{+0.5} _{-0.3}	44	50.6	IY-G05
Y-G08	80	71	23	38	50	M22 x 1.5	21	27	18	28 ^{+0.5} _{-0.3}	56	64	IY-G08
Y-G10	100	79	24	44	55	M26 x 1.5	24	31	22	32 ^{+0.5} _{-0.3}	64	72	IY-G10

* A knuckle pin and retaining rings are included.

Pivot bracket

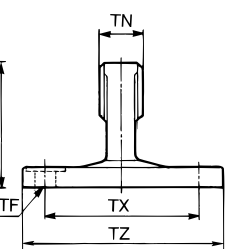
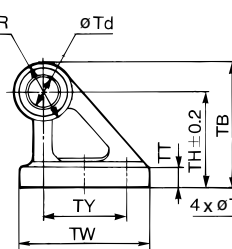
ø20 to ø63

Material: Carbon steel



ø80, ø100

Material: Cast iron



Part no.	Applicable bore size	TB	Td	TE	TF	TH	TN	TR	TT
CG-020-24A	20	36	8	10	5.5	25	(29.3)	13	3.2
CG-025-24A	25	43	10	10	5.5	30	(33.1)	15	3.2
CG-032-24A	32	50	12	10	6.6	35	(40.4)	17	4.5
CG-040-24A	40	58	14	10	6.6	40	(49.2)	21	4.5
CG-050-24A	50	70	16	20	9	50	(60.4)	24	6
CG-063-24A	63	82	18	20	11	60	(74.6)	26	8
CG-080-24A	80	73	18	—	11	55	28 ^{+0.1} _{-0.1}	36	11
CG-100-24A	100	90	22	—	13.5	65	32 ^{+0.1} _{-0.1}	50	12

Part no.	Applicable bore size	TU	TV	TW	TX	TY	TZ	Applicable pin O.D.
CG-020-24A	20	(18.1)	(35.8)	42	16	28	38.3	8d ₉ ^{+0.040} _{-0.076}
CG-025-24A	25	(20.7)	(39.8)	42	20	28	42.1	10d ₉ ^{+0.040} _{-0.076}
CG-032-24A	32	(23.6)	(49.4)	48	22	28	53.8	12d ₉ ^{+0.050} _{-0.093}
CG-040-24A	40	(27.3)	(58.4)	56	30	30	64.6	14d ₉ ^{+0.050} _{-0.093}
CG-050-24A	50	(29.7)	(72.4)	64	36	36	79.2	16d ₉ ^{+0.050} _{-0.093}
CG-063-24A	63	(34.3)	(90.4)	74	46	46	97.2	18d ₉ ^{+0.050} _{-0.093}
CG-080-24A	80	—	—	72	85	45	110	18d ₉ ^{+0.050} _{-0.093}
CG-100-24A	100	—	—	93	100	60	130	22d ₉ ^{+0.065} _{-0.117}