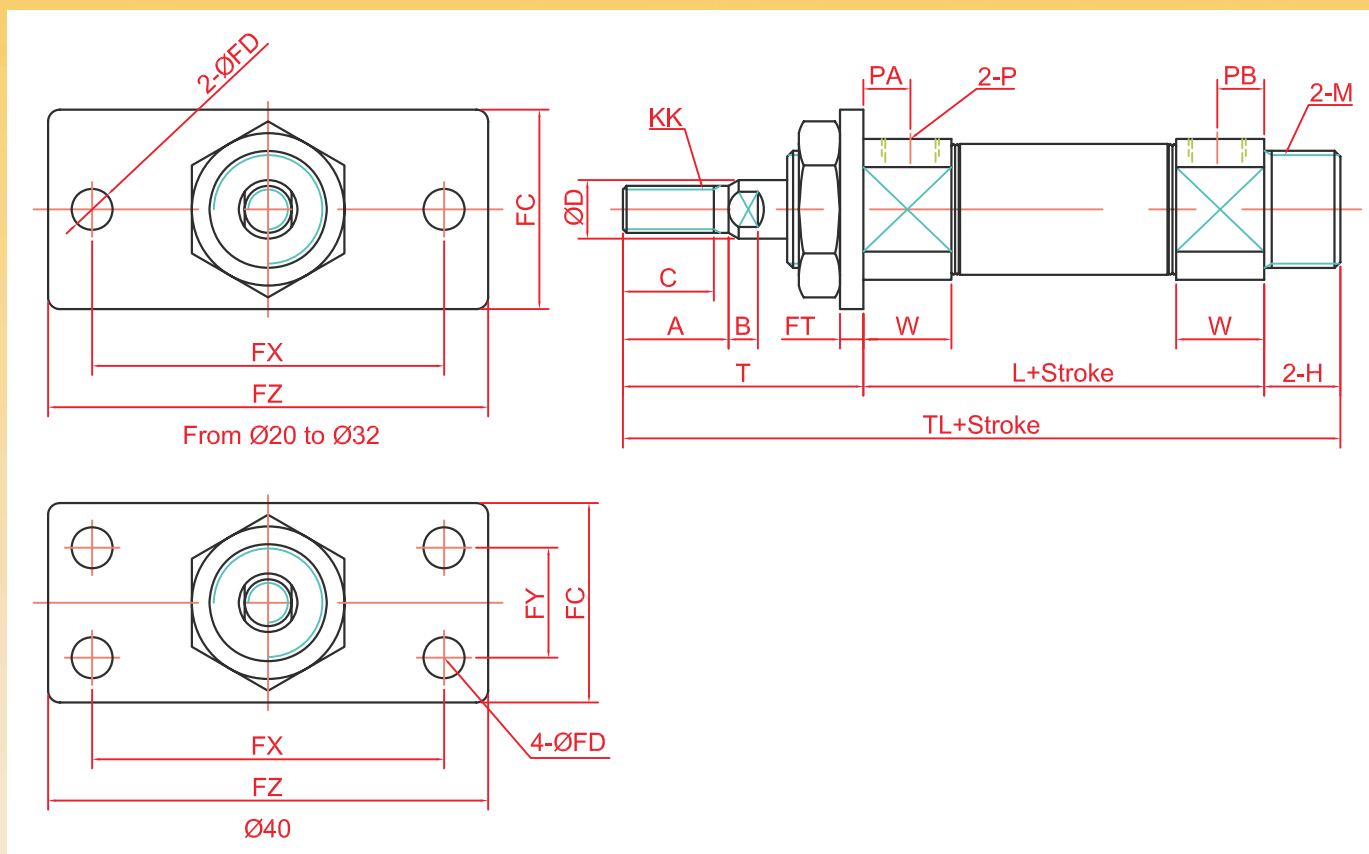


TANAIR

TPCM2 J.I.S TYPE CYLINDER

F TYPE FRONT FLANGE



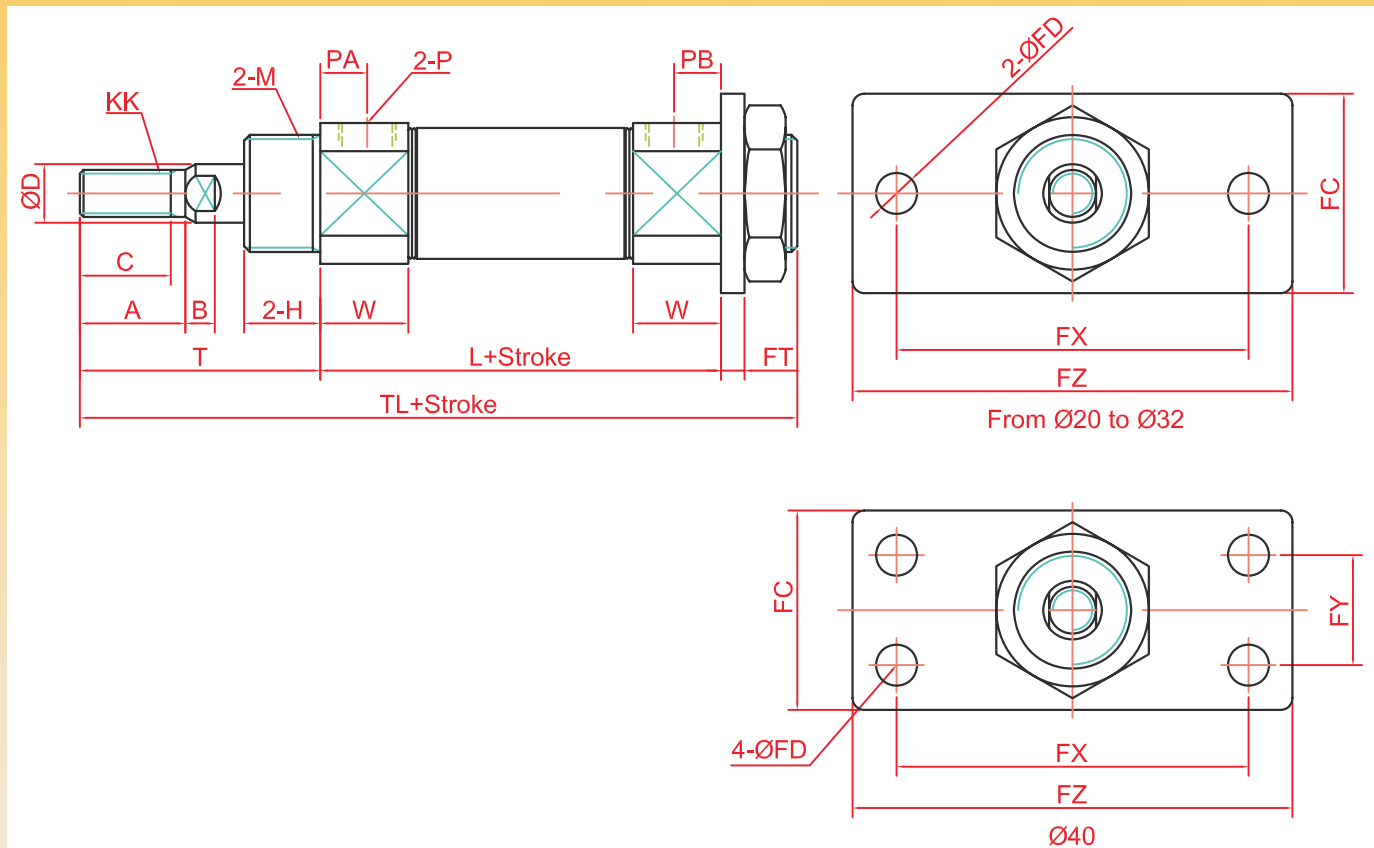
BORE	STROKE RANGE	C	A	B	D	H	KK	L	M	P(PT)	PA	PB	T
20	~300	15.5	18	5.0	10	13	M8*1.25	62	M20*1.5	1/8	8	8	41
25	~300	19.5	22	5.5	12	13	M10*1.25	62	M26*1.5	1/8	8	8	45
32	~300	19.5	22	5.5	12	13	M10*1.25	64	M26*1.5	1/8	8	8	45
40	~300	21.0	24	7.5	16	16	M14*1.25	88	M30*2.0	1/4	11	11	50

BORE	STROKE RANGE	TL	W	FC	FD	FT	FX	FY	FZ
20	~300	116	15	34	7	4	60	-	75
25	~300	120	15	40	7	4	60	-	75
32	~300	122	15	40	7	4	60	-	75
40	~300	154	21	52	7	5	66	36	82

TANAIR

TPCM2 J.I.S TYPE CYLINDER

F TYPE REAR FLANGE



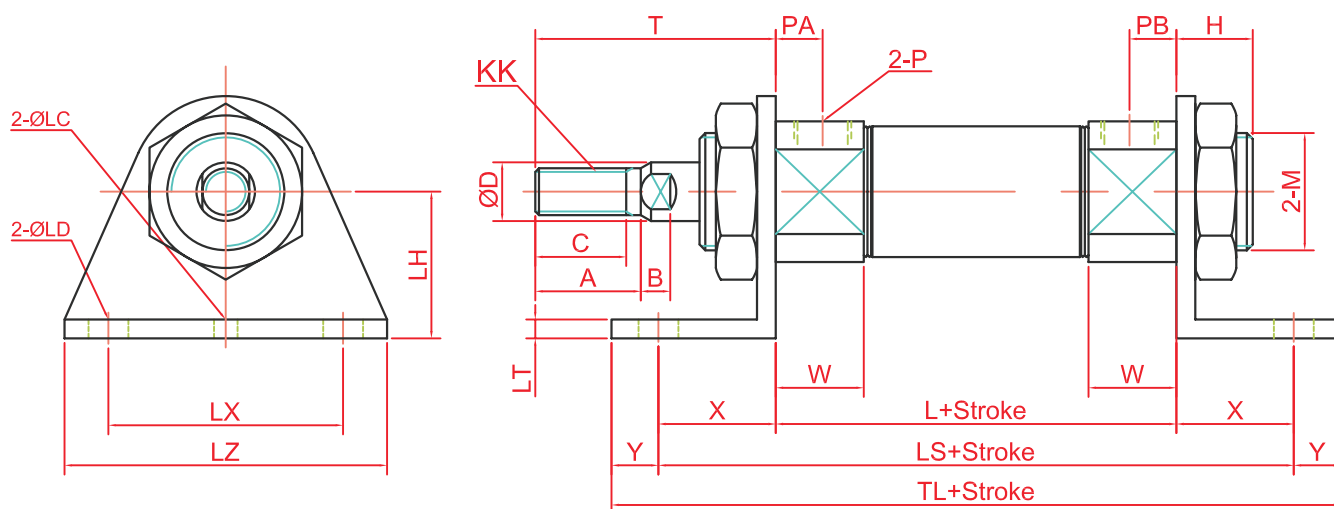
BORE	STROKE RANGE	C	A	B	D	H	KK	L	M	P(PT)	PA	PB	T
20	~300	15.5	18	5.0	10	13	M8*1.25	62	M20*1.5	1/8	8	8	41
25	~300	19.5	22	5.5	12	13	M10*1.25	62	M26*1.5	1/8	8	8	45
32	~300	19.5	22	5.5	12	13	M10*1.25	64	M26*1.5	1/8	8	8	45
40	~300	21.0	24	7.5	16	16	M14*1.25	88	M30*2.0	1/4	11	11	50

BORE	STROKE RANGE	TL	W	FC	FD	FT	FX	FY	FZ
20	~300	116	15	34	7	4	60	-	75
25	~300	120	15	40	7	4	60	-	75
32	~300	122	15	40	7	4	60	-	75
40	~300	154	21	52	7	5	66	36	82

TANAIR

TPCM2 J.I.S TYPE CYLINDER

L TYPE FOOT MOUNT



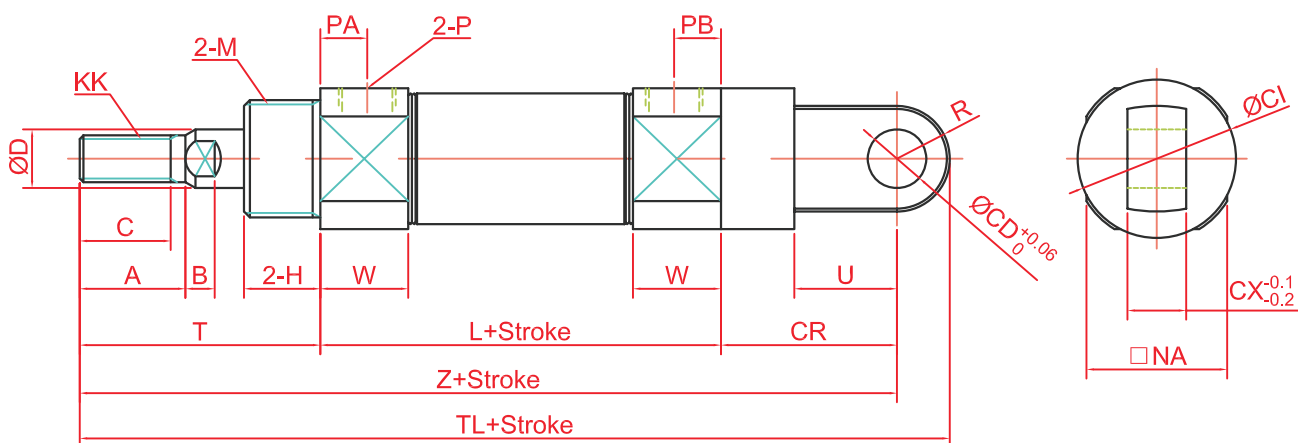
BORE	STROKE RANGE	C	A	B	D	H	KK	L	M	P(PT)	PA	PB	LC
20	~400	15.5	18	5.0	10	13	M8*1.25	62	M20*1.5	1/8	8	8	4
25	~450	19.5	22	5.5	12	13	M10*1.25	62	M26*1.5	1/8	8	8	4
32	~450	19.5	22	5.5	12	13	M10*1.25	64	M26*1.5	1/8	8	8	4
40	~500	21.0	24	7.5	16	16	M14*1.25	88	M30*2.0	1/4	11	11	4

BORE	STROKE RANGE	LD	LH	LS	LT	LX	LZ	T	TL	W	X	Y
20	~400	6.8	25	102	3.2	40	55	41	116	15	20	8
25	~450	6.8	28	102	3.2	40	55	45	120	15	20	8
32	~450	6.8	28	104	3.2	40	55	45	122	15	20	8
40	~500	7.0	30	134	3.2	55	75	50	154	21	23	13

TANAIR

TPCM2 J.I.S TYPE CYLINDER

C TYPE SINGLE REAR CLEVIS



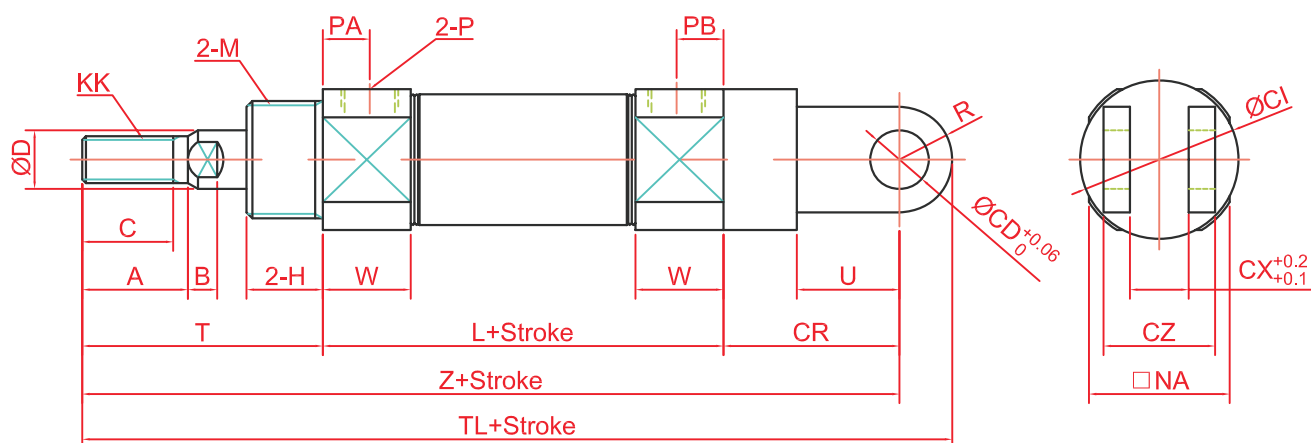
BORE	STROKE RANGE	C	A	B	CI	CD	CR	CX	D	H	KK	L	M
20	~400	15.5	18	5.0	27	9	30	10	10	13	M8*1.25	62	M20*1.5
25	~450	19.5	22	5.5	33	9	30	10	12	13	M10*1.25	62	M26*1.5
32	~450	19.5	22	5.5	37.5	9	30	10	12	13	M10*1.25	64	M26*1.5
40	~500	21.0	24	7.5	46.5	10	39	15	16	16	M14*1.25	88	M30*2.0

BORE	STROKE RANGE	P(PT)	PA	PB	R	T	TL	U	NA	LX	W	Z
20	~400	1/8	8	8	9	41	142	14	24	40	15	133
25	~450	1/8	8	8	9	45	146	14	30	40	15	137
32	~450	1/8	8	8	9	45	148	14	34.5	40	15	139
40	~500	1/4	11	11	11	50	188	18	42.5	55	21	177

TANAIR

TPCM2 J.I.S TYPE CYLINDER

D TYPE DOUBLE REAR CLEVIS



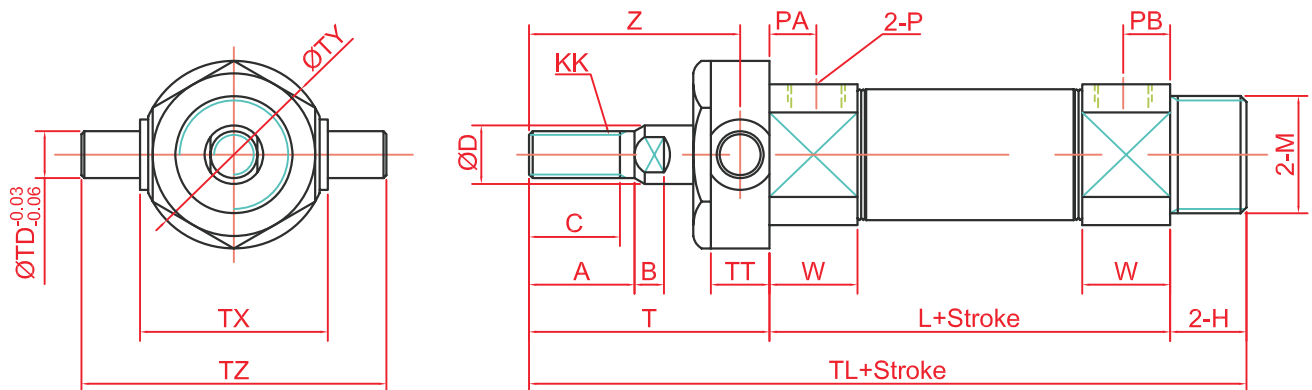
BORE	STROKE RANGE	C	A	B	CI	CD	CR	CX	D	H	KK	L	M
20	~400	15.5	18	5.0	27	9	30	10	10	13	M8*1.25	62	M20*1.5
25	~450	19.5	22	5.5	33	9	30	10	12	13	M10*1.25	62	M26*1.5
32	~450	19.5	22	5.5	37.5	9	30	10	12	13	M10*1.25	64	M26*1.5
40	~500	21.0	24	7.5	46.5	10	39	15	16	16	M14*1.25	88	M30*2.0

BORE	STROKE RANGE	P(PT)	PA	PB	R	T	TL	U	NA	LX	W	Z	CZ
20	~400	1/8	8	8	9	41	142	14	24	40	15	133	19
25	~450	1/8	8	8	9	45	146	14	30	40	15	137	19
32	~450	1/8	8	8	9	45	148	14	34.5	40	15	139	19
40	~500	1/4	11	11	11	50	188	18	42.5	55	21	177	30

TANAIR

TPCM2 J.I.S TYPE CYLINDER

T TYPE FRONT TRUNION



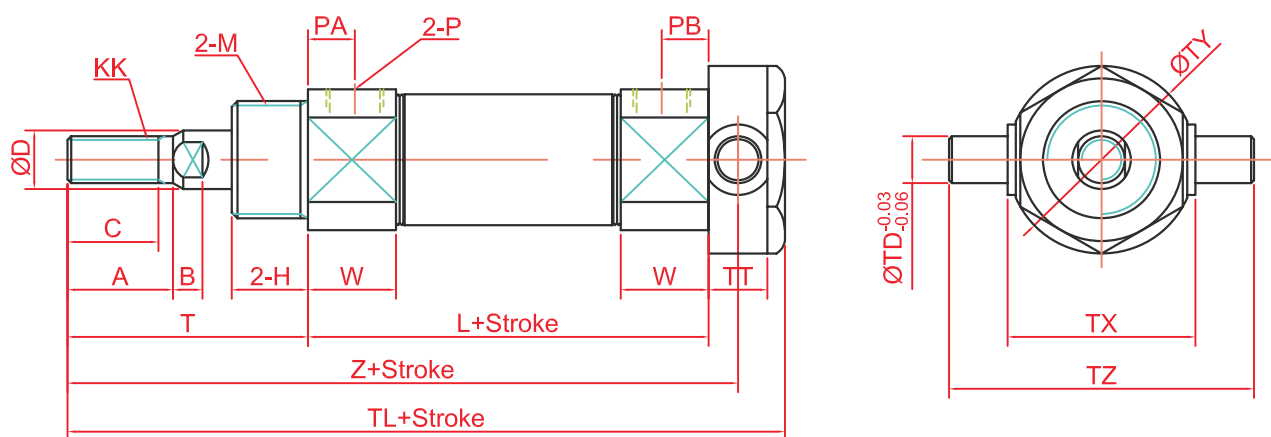
BORE	STROKE RANGE	C	A	B	D	H	KK	L	M	P(PT)	PA	PB	T
20	~300	15.5	18	5.0	10	13	M8*1.25	62	M20*1.5	1/8	8	8	41
25	~300	19.5	22	5.5	12	13	M10*1.25	62	M26*1.5	1/8	8	8	45
32	~300	19.5	22	5.5	12	13	M10*1.25	64	M26*1.5	1/8	8	8	45
40	~300	21.0	24	7.5	16	16	M14*1.25	88	M30*2.0	1/4	11	11	50

BORE	STROKE RANGE	TL	TD	TL	TT	TX	TY	TZ	W	Z
20	~300	116	8	116	10	32	32	50	15	36
25	~300	120	9	120	10	40	40	60	15	40
32	~300	122	9	122	10	40	40	60	15	40
40	~300	154	10	154	11	53	53	77	21	44.5

TANAIR

TPCM2 J.I.S TYPE CYLINDER

T TYPE REAR TRUNION



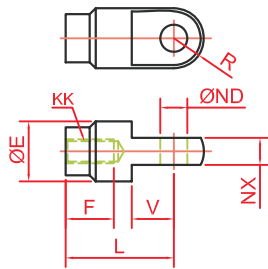
BORE	STROKE RANGE	C	A	B	D	H	KK	L	M	P(PT)	PA	PB	T
20	~300	15.5	18	5.0	10	13	M8*1.25	62	M20*1.5	1/8	8	8	41
25	~300	19.5	22	5.5	12	13	M10*1.25	62	M26*1.5	1/8	8	8	45
32	~300	19.5	22	5.5	12	13	M10*1.25	64	M26*1.5	1/8	8	8	45
40	~300	21.0	24	7.5	16	16	M14*1.25	88	M30*2.0	1/4	11	11	50

BORE	STROKE RANGE	TL	TD	TL	TT	TX	TY	TZ	W	Z
20	~300	116	8	116	10	32	32	50	15	108
25	~300	120	9	120	10	40	40	60	15	112
32	~300	122	9	122	10	40	40	60	15	114
40	~300	154	10	154	11	53	53	77	21	149.5

TAN AIR

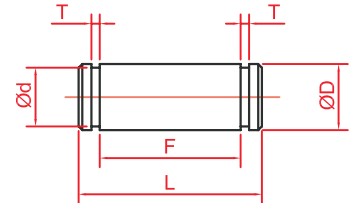
TPCM2 J.I.S TYPE CYLINDER

I TYPE SINGLE KNUCKLE JOINT



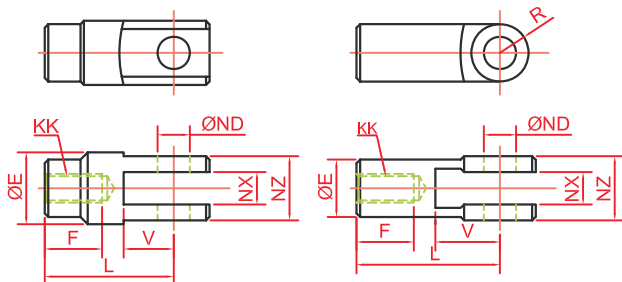
I-D	F	ØE	L	KK	R	V	ØND	NX
20	16	20	36	M8*1.25	10	14	$9^{+0.06}_{-0}$	$9^{-0.1}_{-0.2}$
25,32	18	20	38	M10*1.25	10	14	$9^{+0.06}_{-0}$	$9^{-0.1}_{-0.2}$
40	22	24	55	M14*1.5	15.5	20	$12^{+0.06}_{-0}$	$16^{-0.1}_{-0.3}$

KNUCKLE JOINT PIN



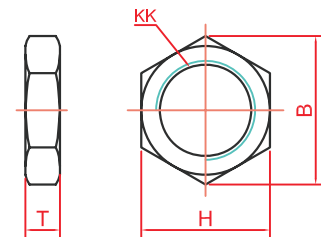
I-D	ØD	Ød	L	F	T	REMARKS
20	$9^{+0.04}_{-0.06}$	8	25	19.2	1.15	
25	$9^{+0.04}_{-0.06}$	8	25	19.2	1.15	
32	$9^{+0.04}_{-0.06}$	9	36.5	30.2	1.3	For Clevis
40	$12^{+0.04}_{-0.06}$	11	44.5	38.8	1.3	For Y Knuckle

Y TYPE DOUBLE KNUCKLE JOINT



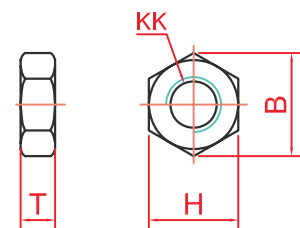
I-D	F	ØE	L	KK	R	V	ØND	NX	NZ
20	16	20	36	M8*1.25	10	14	$9^{+0.06}_{-0}$	$9^{-0.1}_{-0.2}$	18
25,32	18	20	38	M10*1.25	10	14	$9^{+0.06}_{-0}$	$9^{-0.1}_{-0.2}$	18
40	22	24	55	M14*1.5	15.5	20	$12^{+0.06}_{-0}$	$16^{-0.1}_{-0.3}$	38

NOSE MOUNTING NUT



I-D	KK	T	H	B
20	M8*1.25	5	13	15.0
25,32	M10*1.25	6	17	19.6
40	M14*1.5	8	22	25.4

ROD MOUNTING NUT



I-D	KK	T	H	B
20	M8*1.25	5	13	15.0
25,32	M10*1.25	6	17	19.6
40	M14*1.5	8	22	25.4