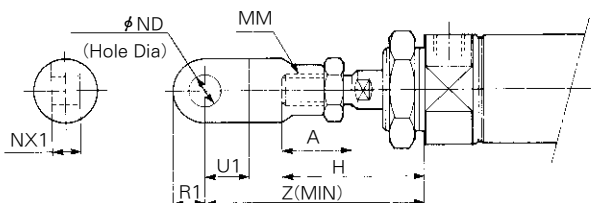


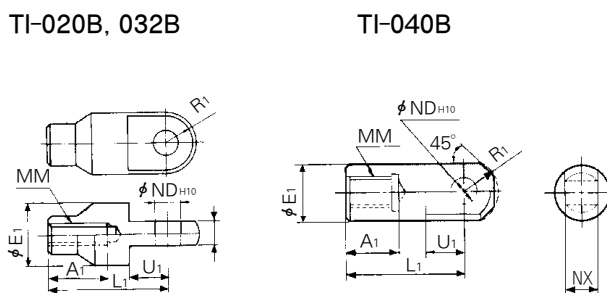
Accessories/Dimensions

Single Knuckle Joint



Bore Size	A	H	MM	$\phi ND_{H10}$	$NX_1$	$U_1$	$R_1$	Z
$\phi 20$	18	41	M8×1.25	$9^{+0.058}_0$	$9^{-0.1}_{-0.2}$	14	10	66
$\phi 25 \cdot \phi 32$	22	45	M10×1.25	$9^{+0.058}_0$	$9^{-0.1}_{-0.2}$	14	10	69
$\phi 40$	24	50	M14×1.5	$12^{+0.070}_0$	$16^{-0.1}_{-0.3}$	20	15.5	92

Single Knuckle Joint

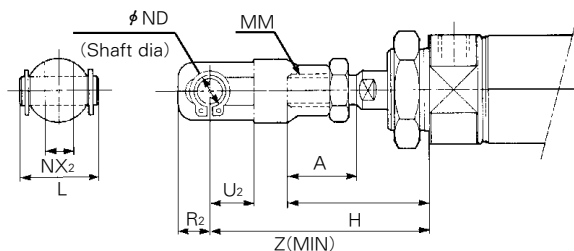


Material : Rolled Steel

Material : Free Cutting Sulfur Steel

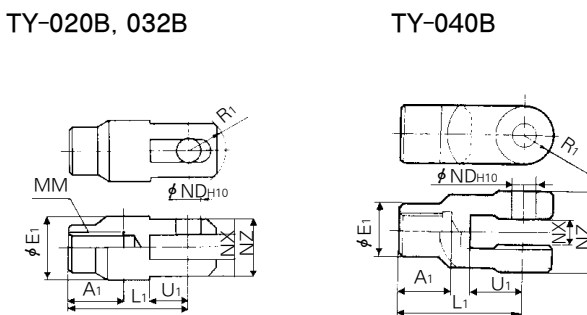
Part No.	Applicable Bore size	$A_1$	$E_1$	$L_1$	MM	$ND_{H10}$	$NX$	$R_1$	$U_1$
TI-020B	$\phi 20$	16	20	36	M8×1.25	$9^{+0.058}_0$	$9^{-0.1}_{-0.2}$	10	14
TI-032B	$\phi 25 \cdot \phi 32$	18	20	38	M10×1.25	$9^{+0.058}_0$	$9^{-0.1}_{-0.2}$	10	14
TI-040B	$\phi 40$	22	24	55	M14×1.5	$12^{+0.070}_0$	$16^{-0.1}_{-0.3}$	15.5	20

Double Knuckle Joint



Bore Size	A	H	L	MM	$\phi ND_{d9}$	$NX_2$	$R_2$	$U_2$	Z
$\phi 20$	18	41	25	M8×1.25	$9^{-0.040}_{0.076}$	$9^{+0.2}_{+0.1}$	10	14	66
$\phi 25 \cdot \phi 32$	22	45	25	M10×1.25	$9^{-0.040}_{0.076}$	$9^{+0.2}_{+0.1}$	10	14	69
$\phi 40$	24	50	49.7	M14×1.5	$12^{-0.050}_{0.093}$	$16^{+0.3}_{+0.1}$	13	25	92

Double Knuckle Joint



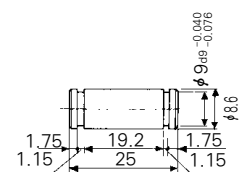
Material : Rolled steel

Material : Cast iron

Part No.	Applicable Bore size	$A_1$	$E_1$	$L_1$	MM	$ND_{H10}$	$NX$	$NZ$	$R_1$	$U_1$	Applicable pin part NO.
TY-020B	$\phi 20$	16	20	36	M8×1.25	$9^{+0.058}_0$	$9^{+0.2}_{+0.1}$	18	12	14	TCDP-1
TY-032B	$\phi 25 \cdot \phi 32$	18	20	38	M10×1.25	$9^{+0.058}_0$	$9^{+0.2}_{+0.1}$	18	12	14	TCDP-1
TY-040B	$\phi 40$	22	24	55	M14×1.5	$12^{+0.070}_0$	$16^{+0.3}_{+0.1}$	38	13	25	TCDP-3

Clevis Pin, Knuckle Pin

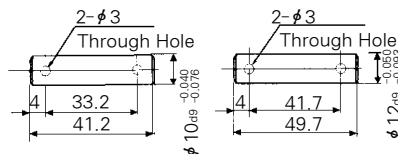
Applicable Bore Size :  $\phi 20, \phi 25, \phi 32$   
TCDP-1



Material: Carbon Steel  
Retaining Pin: C9 Type For Pivot

Clevis Pin, Knuckle Pin

Applicable Bore Size :  $\phi 40$   
TCDP-2 TCDP-3



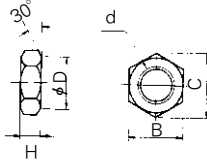
Material: Carbon Steel    Material: Carbon Steel  
Applicable Split Pin :  $\phi 0.12 \times 0.71 l$

- ACP
- UACP
- AX
- AS
- AM
- AL
- ALX
- UARD
- UAQ
- AJ
- AG
- UAG
- ADM
- ADR
- AMR
- UAMR
- AST
- W~

## Accessories/Dimensions

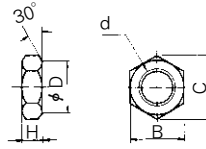
### Rod End Nut

Material : Carbon Steel



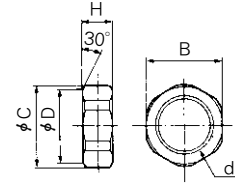
### Mounting Nut

Material : Carbon Steel



### Trunnion Nut

Material : Carbon Steel



(Unit : mm)

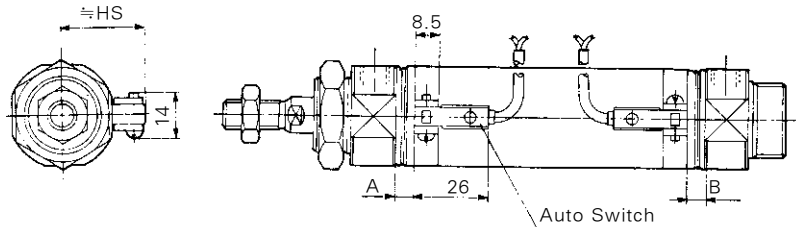
Part No.	Applicable bore size	B	C	D	d	H
TNT-02	φ 20	13	15.5	12.5	M8×1.25	5
TNT-03	φ 25 · φ 32	17	19.6	16.5	M10×1.25	6
TNT-04	φ 40	22	25.4	21.0	M14×1.5	8

Part No.	Applicable bore size	B	C	D	d	H
TSN-020B	φ 20	26	30	25.5	M20×1.5	8
TSN-032B	φ 25 · φ 32	32	37	31.5	M26×1.5	8
TSN-040B	φ 40	41	47.3	40.5	M32×2.0	10

Part No.	Applicable bore size	B	C	D	d	H
TN-020B	φ 20	26	28	25.5	M20×1.5	10
TN-032B	φ 25 · φ 32	32	34	31.5	M26×1.5	10
TN-040B	φ 40	41	45	40.5	M32×2	10

### Reed Switch Setting Position (Stroke End)

W5



### Bore Size

Bore Size	W5		
	A	B	Hs
φ 20	7	6	22.5
φ 25	7	6	25
φ 32	8	7	28.5
φ 40	13	12	32.5

### Auto Switch Mounting, Minimum Possible Cylinder Strokes (mm)

Auto Switch Type	No. of Auto Switch				1pc.
	2pcs.		n pcs.		
	Different Surface	Same Surface	Different Orientation	Same Orientation	
W5	15	50	$15+45(\frac{n-2}{2})$ (n=2, 4, 6, 8 ...)	$50+45(n-2)$	10