

# Hollow Stands

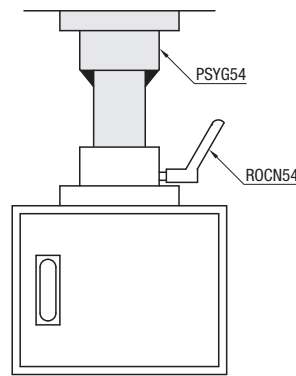
## Threaded Pipes / Threaded Pipes Welded, *continued*

Part Number		G (PF)			L 1 mm Increment	F	B	D	D <sub>1</sub>	D <sub>2</sub>	t	(t <sub>1</sub> )	A	P.C.D.	H	d	M	T	H	ℓ <sub>1</sub>	ℓ <sub>2</sub>	ℓ <sub>3</sub>	W	Z	W <sub>1</sub>
Type	Nominal	Nominal of Thread	Thread O.D.																						
Round Flanged PSEG PSEK PSEGK PSEGS	Welded Round Flanged PSYG	28	G1	33.25	200-800	26	23	40 ±0.4	40.5	54	7	3.6	100	80	60	9	M6	10	60	25	25	15	64	62	44
		36	G1 1/4	41.91		29	26	50.8 ±0.41	51.5	65	8	110	90	75	75				30	30	74		74	50	
		42	G1 1/2	47.80		30	27	60.5 ±0.49	61	76.3	4	3.6	120	100	90				90	35	40		90	76	70
Compact Flange WPSEG WPSYG	Welded Compact Flange WPSYG	54	G2	59.61	200-1000	35	32	76.3 ±0.56	77	89.1	5.5	4.9	130	110	105	9	M8	12	105		45	20	100	80	80
		70	G2 1/2	75.18		40	37	89.1 ±0.9	90	101.6	7	6.3	140	120	120				120	40	60		110	86	90
		82	G3	87.88		40	37	101.6 ±1.02	102	120	6	5.3	160	140	150				150	40	60		130	94	110

① Parallel pipe thread is JIS B 0202 Class B. ② For Rotary Connectors, see P.2281-2282.  
③ PSEG is available for nominal 42 and 54 only. ④ Only for PSEG54, t dimension is 4.9, and (t<sub>1</sub>) dimension is 4.4.

Part Number Example	Part Number	L
	PSEG42	600
	WPSYG54	300

### Application Example



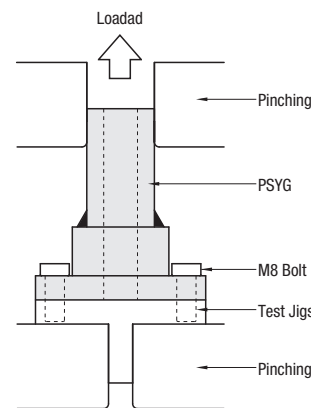
Use "Threaded Pipes Welded" for mounting this product upside down.

### Reference data on Tensile Load

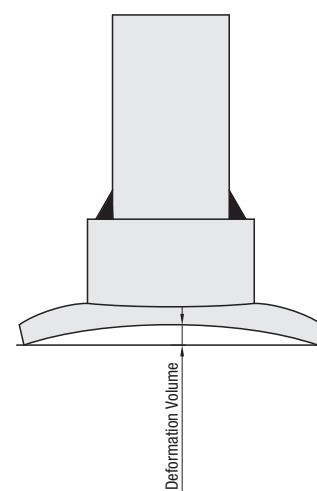
The result of fracture test by the following measuring method (N=3)

Nominal	Fracture Location	Fracture Load (kN)		Deformation Amount (mm)	
		Max.	Min.	Max.	Min.
28	All at M8 Screws	186.016	181.891	0.907	0.666
54	All at M8 Screws	176.484	172.094	0.024	0.011

### Measuring Method of Tensile Load



### Deformation Amount



Deformation amount is the value from the flange sample's center area.

# Rotary Connectors

## Round Flanged / Compact Flanged

Features: Touch panels and boxes can be freely rotated.

### Rotary Connectors – Round Flanged



RoHS 10

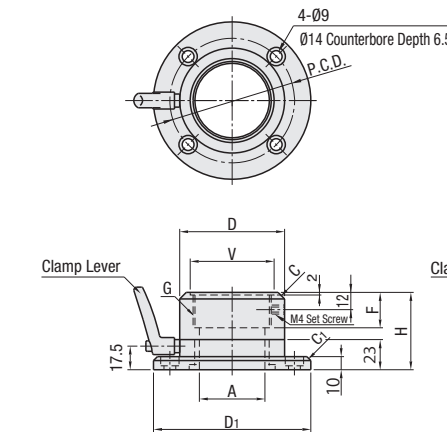
### Rotary Connectors – Compact Flanged



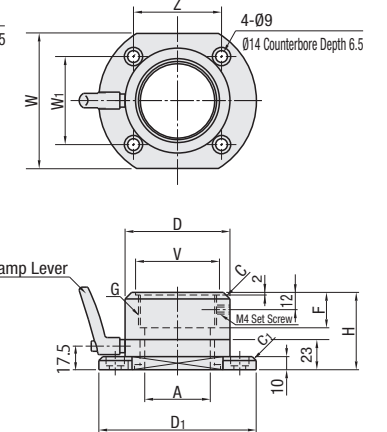
RoHS 10

Type		Material	Surface Treatment	Accessories		
Round Flanged	Compact Flanged			Clamp Lever	Screws	Nut
ROCN	WROCN	1018 Carbon Steel or Equivalent	Electroless Nickel Plating	CLMD	CB8-20 x 4	LBNR8 x 4
ROCK	WROCK	1018 Carbon Steel or Equivalent	Black Oxide	CLMD	CB8-20 x 4	LBNR8 x 4
ROCSh	WROCS	304 Stainless Steel Equivalent	—	CLMS	SCB8-20 x 4	SLBNR8 x 4

### Round Flanged



### Compact Flanged



① Structure with inner stopper prevents 360° rotation to prevent wiring from being twisted.

Part Number Type	Nominal	A	D	D <sub>1</sub>	G (PF)	F	H	C	V	P.C.D.	C <sub>1</sub>	W	W <sub>1</sub>	Z	Applicable Hollows	*Reference Values	
																X <sub>1</sub> (N)	X <sub>2</sub> (N)
Round Flanged ROCN ROCK ROCSh	28	20	50	85	G1	23	55	3	35	65	1.5	52	34	56	G28	16.4	23.5
	36	28	60	95	G1 1/4	26	58		45	75		62	44	62	G36	17.2	24.8
	42	33	65	100	G1 1/2				50	80		67	49	64	G42	18.4	30.3
	54	48	80	120	G2	27	59		64	95		82	64	72	G54	19.6	32.3
Compact Flanged WROCN WROCK WROCS	70	62	96	138	G2 1/2	32	63	5	78	112	3	98	76	82	G70	20.8	33.4
	82	72	106	148	G3	37	68		90	122		108	86	88	G80	22	34.1
	92	85	118	160	G3 1/2				103	134		120	94	96	G92	23.2	36.7

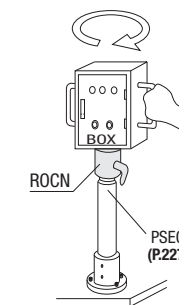
① Take note that the applicable hollow tubes are based on JIS C 8305 Rigid Steel Conduits, but the thread section will be JIS B 0202 Parallel Threads for Tubes. (Threads for electrical conduits will not fit)  
② \* Reference values are not guaranteed.

Part Number Example	Part Number
	ROCN42

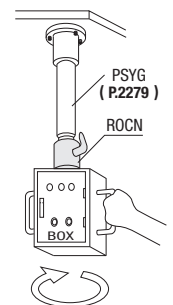
D	Available—Types					
	Round—Flanged			Compact—Flanged		
	ROCN	ROCK	ROCSh	WROCN	WROCK	WROCS
28	•	•	—	•	•	—
36	•	•	—	•	•	—
42	•	•	•	•	•	•
54	•	•	•	•	•	•
70	•	•	—	•	•	—
82	•	•	—	•	•	—
92	•	•	—	•	•	—

### Application Example

#### Application Example 1



#### Example 2



\* Assume BOX load is 50 kg.  
— As shown in Example 1, X<sub>1</sub>(N) is the force needed to turn the handle.  
— As shown in Example 2, X<sub>2</sub>(N) is the force needed to turn the handle.