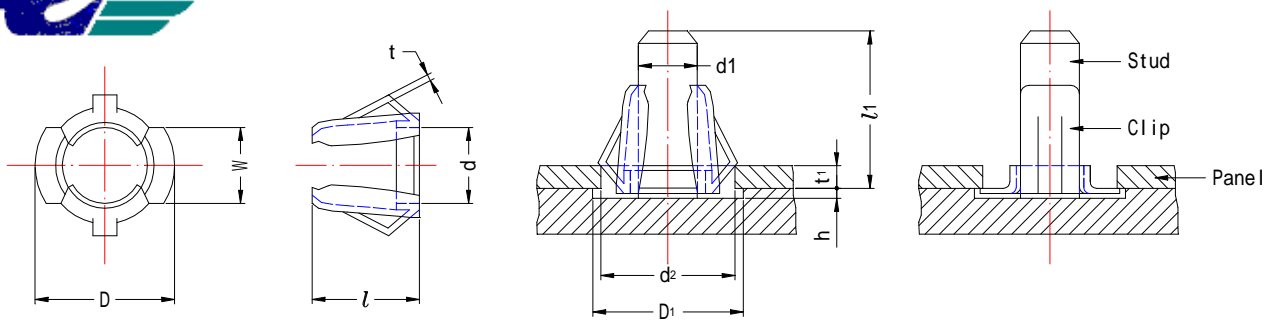




## Tubular Clips

Installed



Unit: mm

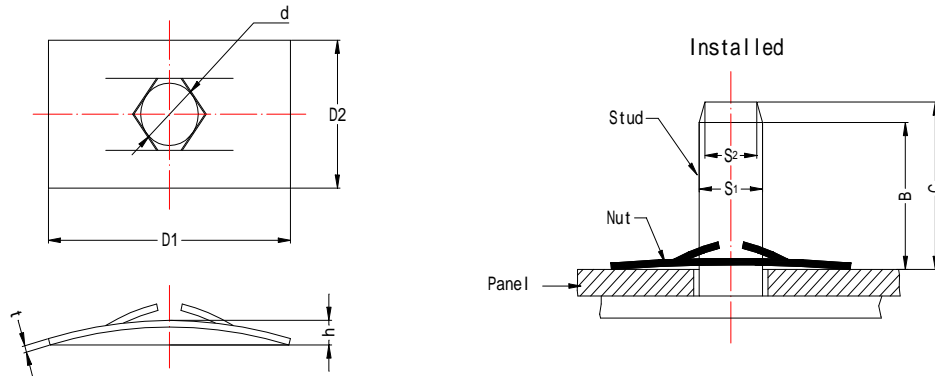
Size-No.	D		d		l		t	w		
	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	
TSN	-3	5.7	5.4	3.4	3.15	4.5	3.5	0.3	3.3	2.7
	4	6.7	6.4	4.4	4.15	5.5	4.5	0.3	3.8	3.2

Material= Stainless spring steel. Carbon spring steel. ~50. Finish=Black phosphate coating (ACP).

## Stud and Panel

Size-No.	D1	d1			l1	h	d2		t1	
		Min.	Max.	Min.			Min.	Max.	Min.	Max.
TSN	-3	6	3.1	3	6	0.5	4.6	4.5	0.9	0.6
	4	7	4.1	4	7	0.5	5.5	5.4	0.9	0.6

## P-Type Push-on Nuts



Unit: mm

Size-No.	Nut									Stud diameter				Thrust load kgf	
	d		D1	D2	Gen. Tol.	h		t	S1		S2	B	C		
	Max.	Min.				Max.	Min.		Max.	Min.					
PSN	-1.2	1.2	1.0	12	6.15	5.85	1.2	0.7	0.3	1.35	1.25	1	4.5	6	12
	1.5	1.48	1.28	12	6.15	5.85	1.2	0.7	0.3	1.62	1.52	1.2	4.5	6	12
	1.8	1.78	1.58	12	6.15	5.85	1.3	0.8	0.4	1.92	1.82	1.5	4.5	6	20
	2	1.95	1.75	12	6.15	5.85	1.25	0.75	0.4	2.12	2.02	1.6	4.5	6	23
	3	3.0	2.7	14	8.25	7.75	1.45	0.95	0.4	3.15	3.05	2.6	6	8	28
	4	4.0	3.7	16	9.25	8.75	1.75	1.25	0.4	4.15	4.05	3.6	6	8	28
	5	5.0	4.7	18	11.25	10.75	1.85	1.35	0.4	5.15	5.05	4.6	6	8	50
	6	6.0	5.7	20	12.25	11.75	1.95	1.45	0.4	6.15	6.05	5.6	8	10	50
8	8.0	7.7	23	15.25	14.75	2.45	1.95	0.5	8.15	8.05	7.6	8	10	50	

Material=Carbon spring steel. Hardness HRC40~50. Finish=Zn plating, Chromate dip.

Note: 1. The data of thrust load shows the value when the nut is tested by the stud made of cold rolled steel.

2. This nut can not use of hardened stud.

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