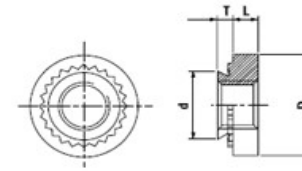


P_S Steel self clinching nut
P_H Steel self clinching nut
P_CLS Stainless steel self clinching nut



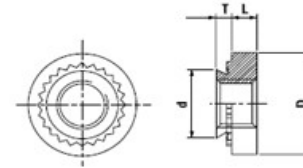
Thread	Thread size	Neck type (maxT)				Length L \pm 0.08								Recommended hole in sheet Size +0.08/-0mm	Diameter d max	Diameter D \pm 0.25
		0	1	2	3	1	2	3	4	5	6	7	8			
M2	M2 X 0.4	0.76	0.97	1.37	—	1.5	—	—	—	—	—	—	—	4.25	4.22	6.3
M2.5	M2.5 X 0.45	0.76	0.97	1.37	—	1.5	—	—	—	—	—	—	—	4.25	4.22	6.3
M3	M3 X 0.5	0.76	0.97	1.37	—	1.5	—	—	—	—	—	—	—	4.25	4.22	6.3
M3.5	M3.5 X 0.6	0.76	0.97	1.37	—	1.5	—	—	—	—	—	—	—	4.76	4.73	7.1
M4	M4 X 0.7	0.76	0.97	1.37	—	—	—	2	—	—	—	—	—	5.40	5.38	7.9
M5	M5 X 0.8	0.76	0.97	1.37	—	—	—	2	—	—	—	—	—	6.40	6.38	8.7
M6	M6 X 1.0	1.15	1.37	2.21	—	—	—	—	—	4.08	—	—	—	8.75	8.72	11.05
M8	M8 X 1.25	—	1.37	2.21	—	—	—	—	—	—	—	5.47	—	10.50	10.47	12.65
M10	M10 X 1.5	—	2.21	3.05	—	—	—	—	—	—	—	—	7.48	14.00	13.97	17.35
HM10	M10x1.5	—	1.5	—	—	—	—	—	—	—	—	—	7.9	12.70	12.67	16.50
M12	M12x1.75	—	3.2	6.3	—	—	—	—	—	—	—	—	8.5	16.97	16.95	20.55
														+0.003/-0 Zoll		
256	#2-56	0.76	0.97	1.37	—	—	1.78	—	—	—	—	—	—	0.1660	4.19	6.35
440	#4-40	0.76	0.97	1.37	2.21	—	1.78	—	—	—	—	—	—	0.1660	4.19	6.35
632	#6-32	0.76	0.97	1.37	2.21	—	1.78	—	—	—	—	—	—	0.1875	4.75	7.11
832	#8-32	0.76	0.97	1.37	2.21	—	—	—	2.29	—	—	—	—	0.2130	5.38	7.87
1024	#10-24	0.76	0.97	1.37	2.21	—	—	—	2.29	—	—	—	—	0.2500	6.32	8.64
1032	#10-32	0.76	0.97	1.37	2.21	—	—	—	2.29	—	—	—	—	0.2500	6.32	8.64
0420	1/4-20	1.14	1.37	2.21	3.05	—	—	—	—	—	4.32	—	—	0.3440	8.71	11.18

Technical specifications:

- All stated dimensions are in mm or inch
- P_S and P_H- steel grade 10, zinc plated steel
- P_CLS- stainless steel, AISI 300
- P_S, P_H clinching nut can be used into steel sheet of max. hardness HRB 80
- P_CLS clinching nut can be used into steel sheet of max. hardness HRB 70

P_SP

Stainless steel self clinching nut for stainless steel sheet

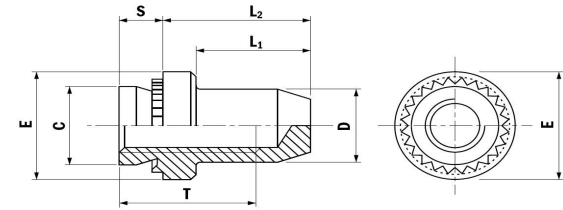


Thread	Thread size	Neck type (maxT)			Length L \pm 0.08						Recommended hole in sheet Size \pm 0.08/-0 mm	Diameter d max	Diameter D \pm 0.25
		0	1	2									
M3	M3 X 0.5	0.76	0.97	1.37	1.5	—	—	—	—	—	4.25	4.22	6.3
M4	M4 X 0.7	0.76	0.97	1.37	—	—	2	—	—	—	5.40	5.38	7.9
M5	M5 X 0.8	0.76	0.97	1.37	—	—	2	—	—	—	6.40	6.38	8.7
M6	M6 X 1	—	1.37	—	—	—	—	—	4.1	—	8.75	8.72	11.1
440	#4-40	0.76	0.97	1.37	—	1.78	—	—	—	—	4.22	4.19	6.35
632	#6-32	0.76	0.97	1.37	—	1.78	—	—	—	—	4.78	4.75	7.11
832	#8-32	0.76	0.97	1.37	—	—	—	2.29	—	—	5.41	5.38	7.87
1032	#10-32	0.76	0.97	1.37	—	—	—	2.29	—	—	6.35	6.32	8.64
0420	1/4-20	—	1.37	—	—	—	—	—	—	4.32	8.74	8.71	11.18

Technical specifications:

- All stated dimensions are in mm
- All products are stainless steel, AISI 416
- P_SP- specially designed for pressing into stainless steel sheet of max. hardness up to HRB 90
- Does NOT withstand PASSIVATION

P_B Self clinching blind nut
P_BS Stainless steel self clinching blind nut



Thread	Thread size	Recommended hole in sheet Size +0,08/-0mm	Min. Steel sheet thickness	S max	C max	D max	E ± 0.25	L1 max	L2 ± 0.25	T min
M3	M3 X 0.5	4,25	1	0,97	4,22	3,84	6,35	8,5	9,6	5,2
			1,4	1,37						
M4	M4 X 0.7	5,4	1	0,97	5,38	5,2	7,95	9,8	11,2	7
			1,4	1,37						
M5	M5 X 0.8	6,4	1	0,97	6,38	6,1	8,75	9,8	11,2	7
			1,4	1,37						
M6	M6 X 1.0	8,75	1,4	1,37	8,72	7,8	11,1	12,7	14,3	7,7
			2,3	2,21						

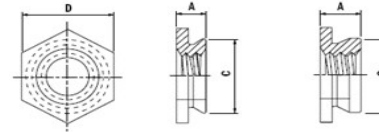
Technical specifications:

- All stated dimensions are in mm or inch
- P_B- steel grade 8, zinc plated steel
- P_BS- stainless steel, AISI300
- P_B- self clinching blind nut can be used into steel sheet of max. hardness HRB 80
- P_BS- self clinching blind nut can be used into steel sheet of max. hardness HRB 70

P_F

Stainless steel self clinching flus nut

Neck 1 Neck 2, 3, 4, 5

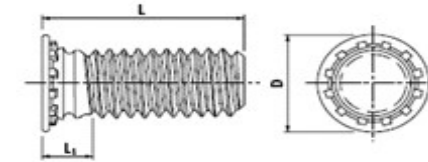


Thread	Thread size	Recommended hole in sheet Size +0.08/-0mm	Neck type (max A)					Dimension D NOM	Diameter C max
			1	2	3	4	5		
M2	M2 X 0.4	4.37	1.5	2.3	—	—	—	4.34	4.8
M2.5	M2.5 X 0.45	4.37	1.5	2.3	—	—	—	4.34	4.8
M3	M3 X 0.5	4.37	1.5	2.3	—	—	—	4.34	4.8
M4	M4 X 0.7	7.37	1.5	2.3	—	—	—	7.34	7.9
M5	M5 X 0.8	7.92	1.5	2.3	—	—	—	7.87	8.7
M6	M6 X 1.0	8.74	—	—	3.1	3.9	4.7	8.71	9.5
256	#2-56		1.52	2.3	—	—	—	4.34	4.78
440	#4-40		1.52	2.3	—	—	—	4.34	4.78
632	#6-32		1.52	2.3	—	—	—	5.38	6.35
832	#8-32		1.52	2.3	—	—	—	7.34	7.92
1032	#10-32		1.52	2.3	—	—	—	7.9	8.71
0420	1/4-20		—	—	3.05	3.84	4.62	8.71	9.53

Technical specifications:

- All stated dimensions are in mm
- All products are stainless steel, AISI 300

P_FH Steel self clinching stud
P_FHS Stainless steel self clinching stud
P_FH4 Stainless steel self clinching stud for HRB90 sheets
P_FHA Aluminum self clinching stud

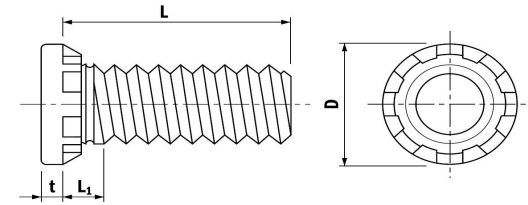


Thread	Thread size	Recommended hole in sheet size +0,08/-0mm	Length L +/-0.4																		Min. steel sheet thickness	Diameter D +/-0.4	L1 max	
			6	—	—	8	10	12	—	15	—	18	—	20	—	25	—	—	—	—				—
M3	M3 X 0.5	3.00	6	—	—	8	10	12	—	15	—	18	—	20	—	25	—	—	—	—	1.0	4.6	2.1	
M4	M4 X 0.7	4.00	6	—	—	8	10	12	—	15	—	18	—	20	—	25	—	30	—	35	—	1.0	5.9	2.4
M5	M5 X 0.8	5.00	—	—	—	8	10	12	—	15	—	18	—	20	—	25	—	30	—	35	—	1.0	6.5	2.7
M6	M6 X 1	6.00	—	—	—	—	10	—	12	15	—	18	—	20	—	25	—	30	—	35	—	1.6	8.2	3
M8	M8-1.25	8.00	—	—	—	—	—	12	—	15	—	18	—	20	—	25	—	30	—	35	—	2.5	9.6	3.7
256	#2-56	#2	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	3.65	1.9
440	#4-40	#4	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	4.47	2.16
632	#6-32	#6	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	5.23	2.28
832	#8-32	#8	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	6	2.28
1024	#10-24	#10	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	6.5	2.54
1032	#10-32	#10	—	6.35	7.92	—	9.52	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1.0	6.5	2.54

Technical specifications:

- All stated dimensions are in mm
- P_FH- steel grade 8.8 (zinc-plated)
- P_FHS- stainless steel, AISI 300, for max HRB70 sheets
- P_FH4- stainless steel, AISI 416, for max HRB90 sheets
- P_FH4- Does NOT withstand PASSIVATION
- P_FHL has small head
- Aluminum- pressing into sheet of max. hardness HRB 50

P_HFH **Steel self clinching stud for high density**
P_HFHS **Stainless steel self clinching stud for high density**



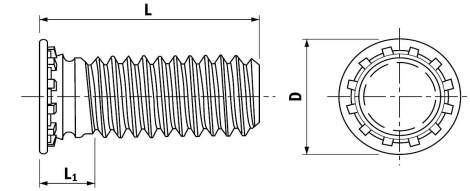
Thread	Thread size	Recommended hole in sheet Size +0,12/-0mm	Length L +/-0.4							Diameter D +/-0.4	L1 max	t max
			15	20	25	30	35	40	50			
M5	M5 X 0.8	5.0	15	20	25	30	35	40	50	7,8	2,7	1,15
M6	M6 X 1.0	6.0	15	20	25	30	35	40	50	9,4	2,8	1,28
M8	M8 X 1.25	8.0	15	20	25	30	35	40	50	12,5	3,5	1,8
M10	M10 X 1.75	10.0	15	20	25	30	35	40	50	15,7	4,1	2,3

Technical specifications:

- All stated dimensions are in mm
- P_HFH- steel grade 9.8, zinc-plating
- P_HFHS- stainless steel, AISI 300
- P_HFH- zinc plated steel
- P_HFH- max. hardness of sheet is HRB 85
- P_HFHS- max. hardness of sheet is HRB70

P_FHL
P_FHLS

Steel self clinching small head stud
Stainless steel self clinching small head stud

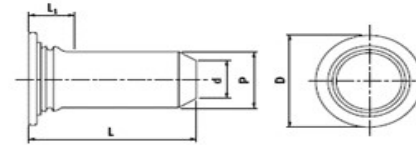


Thread	Thread size	Recommended hole in steel sheet size +0.08/-0mm	Length L ±0.4																				Min. steel sheet thickness	Diameter D ±0.4	L1 max
			6	—	—	8	—	10	12	—	15	—	18	—	20	—	25	—	—	—	—	—			
M3	M3 X 0.5	3.00	6	—	—	8	—	10	12	—	15	—	18	—	20	—	25	—	—	—	—	—	1	3.65	2.1
M4	M4 X 0.7	4.00	6	—	—	8	—	10	12	—	15	—	18	—	20	—	25	—	30	—	35	—	1	4.65	2.4
M5	M5 X 0.8	5.00	—	—	—	8	—	10	12	—	15	—	18	—	20	—	25	—	30	—	35	—	1	5.9	2.7
256	#2-56	#2	—	6.35	7.92	—	9.52	—	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1	2.84	2.03
440	#4-40	#4	—	6.35	7.92	—	9.52	—	—	12.7	—	15.87	—	19.05	—	—	—	—	—	—	—	—	1	3.5	2.16
632	#6-32	#6	—	6.35	7.92	—	9.52	—	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	—	—	—	1	4.16	2.28
832	#8-32	#8	—	6.35	7.92	—	9.52	—	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1	4.82	2.28
1032	#10-32	#10	—	6.35	7.92	—	9.52	—	—	12.7	—	15.87	—	19.05	—	22.22	—	25.4	—	31.75	—	38.1	1	5.71	2.54

Technical specifications:

- All stated dimensions are in mm
- P_FHL- steel grade 8.8, zinc-plating
- P_FHLS- stainless steel, AISI 416
- P_FHL can be used into steel sheet of max. hardness HRB 80
- P_FHLS can be used into steel sheet of max. hardness HRB70

P_TPS Self clinching pilot pin, Stainless steel

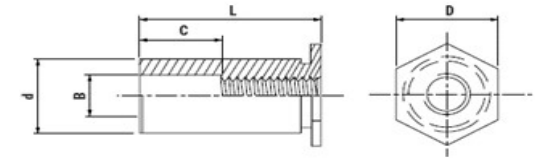


Thread	Diameter P±0.05	Recommended hole in steel sheet size +0.08/-0mm	Length L ±0.04										Diameter d±0.15	Diameter D ±0.4	Length L1 max
			8	—	10	12	—	—	16	—	—	—			
3MM	3	3.5	8	—	10	12	—	—	16	—	—	—	2.05	5.2	2.29
4MM	4	4.5	8	—	10	12	—	—	16	—	—	—	2.82	6.12	2.29
5MM	5	5.5	—	—	10	12	—	—	16	—	20	—	3.53	7.19	2.29
6MM	6	6.5	—	—	—	12	—	—	16	—	20	—	4.24	8.13	2.29
125	3.17		—	9.52	—	—	12.7	15.87	—	19.05	—	—	2.28	5.2	2.29
187	4.75		—	9.52	—	—	12.7	15.87	—	19.05	—	25.4	3.35	6.85	2.29
250	6.35		—	—	—	—	12.7	15.87	—	19.05	—	25.4	4.49	8.51	2.29

Technical specifications:

- All stated dimensions are in mm
- P_TPS- stainless steel, AISI 300
- P_TPS- stamping into steel sheet of max. hardness HRB70

- P_SO Steel self clinching through hole threaded standoff
P_SOS Stainless steel self clinching through hole threaded standoff
P_SO4 Stainless steel self clinching through hole threaded standoff for HRB90



Thread	Thread size	Length L+0.05/-0.13																								Dimension B ± 0.13	Diameter d-0.13	Diameter D
		3	4	6	8	10	12	14	16	18	20	22	25	3.2	4.19	4.8												
M3	M3 X 0.5	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	—	—	—	—	3.2	4.19	4.8
3.5-M3	M3 X 0.5	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	—	—	—	—	3.2	5.38	6.4
M3.5	M3.5 X 0.6	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	22	25	—	3.9	5.38	6.4
M4	M4 X 0.7	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	22	25	—	4.8	7.11	7.9
M5	M5 X 0.8	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	22	25	—	5.35	7.11	7.9
85.1	5.1mm	3	—	4	—	6	—	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	—	—	5.1	7.11	7.9
440	#4-40	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	—	—	—	3.17	4.19	4.76
6440	#4-40	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	—	—	—	3.17	5.38	6.35
632	#6-32	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	20.62	22.23	23.8	25.4	3.96	5.38	6.35
8632	#6-32	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	20.62	22.23	23.8	25.4	3.96	7.11	7.94
832	#8-32	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	20.62	22.23	23.8	25.4	4.77	7.11	7.94
1032	#10-32	—	3.17	—	4.75	—	6.35	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	20.62	22.23	23.8	25.4	5.15	7.11	7.94
Bore length C ± 0.25		Full thread							4.75							7.92							11.09					

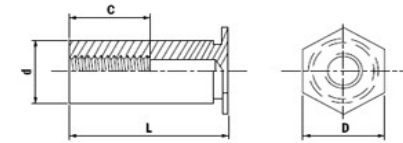
Technical specifications:

- All stated dimensions are in mm
- P_SO standoff's material is zinc lated steel
- P_SOS item is AISI 300 stainless steel
- P_SO4 standoff's material is AISI416 stainless steel
- P_SO- pressing into steel sheet of max. hardness HRB 80
- P_SOS- pressing into steel sheet of max. hardness HRB 70
- P_SO4- pressing into stainless steel sheet of max. hardness HRB 90
- Threadless standoff (only with bore) cab be supplied

ADDITIONAL BASIC PARAMETERS

Thread	RECOMMENDED min. thickness of sheet	RECOMMENDED hole size +0.08 /-0.0
M3	1	4.2
3.5-M3	1	5.4
M3.5	1	5.4
M4	1.3	7.2
M5	1.3	7.2
440	1	4.2
6440	1	5.4
632	1	5.4
8632	1.3	7.14
832	1.3	7.14
1032	1.3	7.14

P_BSO Steel self clinching blind hole threaded standoff
P_BSOS Stainless steel self clinching blind hole threaded standoff
P_BSO4 Stainless steel self clinching blind hole threaded standoff for HRB90



Thread	Thread size	Length L+0.05/ -0.13																				Diameter d-0.13	Diameter D		
M3	M3 X 0.5	6	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	22	—	—	25	—	4.19	4.8
3.5-M3	M3 X 0.5	6	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	22	—	—	25	—	5.38	6.4
M3.5	M3.5 X 0.6	6	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	22	—	—	25	—	5.38	6.4
M4	M4 X 0.7	6	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	22	—	—	25	—	7.11	7.9
M5	M5 X 0.8	6	—	8	—	10	—	12	—	14	—	—	16	—	18	—	20	—	22	—	—	25	—	7.11	7.9
440	#4-40	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	4.19	4.76
6440	#4-40	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	5.38	6.35
632	#6-32	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	5.38	6.35
8632	#6-32	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	7.11	7.94
832	#8-32	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	7.11	7.94
1032	#10-32	—	7.92	—	9.53	—	11.09	—	12.7	—	14.27	15.87	—	17.45	—	19.05	—	20.62	—	22.23	23.8	—	25.4	7.11	7.94
Bore length C ± 0.25		3.2	4					5	6.5					9.54											

Technical specifications:

- All stated dimensions are in mm
- P_BSO standoff's material is zinc lated steel
- P_BSOS item is AISI 300 stainless steel
- P_BSO4 standoff's material is AISI416 stainless steel
- P_BSO- pressing into steel sheet of max. hardness HRB 80
- P_BSOS- pressing into steel sheet of max. hardness HRB 70
- P_BSO4- pressing into stainless steel sheet of max. hardness HRB 90

ADDITIONAL BASIC PARAMETERS

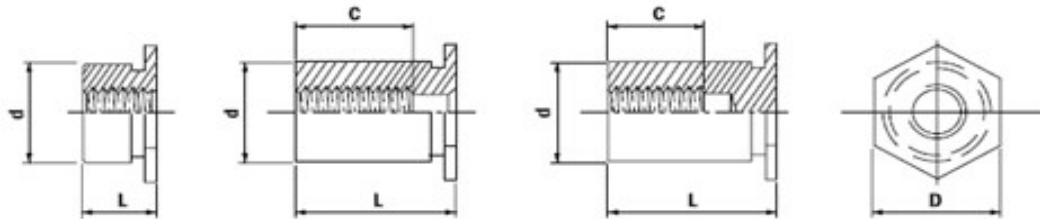
Thread	RECOMMENDED min. thickness of sheet	RECOMMENDED hole size +0.08 / -0.0
M3	1	4.2
3.5-M3	1	5.4
M3.5	1	5.4
M4	1.3	7.2
M5	1.3	7.2
440	1	4.2
6440	1	5.4
632	1	5.4
8632	1.3	7.14
832	1.3	7.14
032	1.3	7.14

P_TSO
P_TSOS

Steel self clinching threaded standoff for thin sheets
Stainless steel self clinching threaded standoff for thin sheets

Thread	Thread size	Length L \pm 0.08																				Diameter B \pm 0.13	Diameter d-0.13	Diameter D			
		2.00(r)	—	3.00(r)	—	4.00(r)	—	4.750(r)	—	6.350(r)	7.925(r)	—	9.525(2)	—	11.10(2)	—	12.70(2)	—	14.275(3)	15.875(3)	—				17.45(3)	—	—
M2.5	M2.5 X 0.45	2.00(r)	—	3.00(r)	—	4.00(r)	—	4.750(r)	—	6.350(r)	7.925(r)	—	9.525(2)	—	11.10(2)	—	12.70(2)	—	14.275(3)	15.875(3)	—	17.45(3)	—	—	4.19	5.2	4.8
3.5-M2.5	M2.5 X 0.45	2.00(r)	—	3.00(r)	—	4.00(r)	—	6.00(r)	—	—	8.00 (2)	—	10.00 (3)	—	12.00(3)	—	14.00(3)	—	—	16.00(3)	—	18.00(3)	19.00(3)	—	5.38	5.2	6.4
M3	M3 X 0.5	2.00(r)	—	3.00(r)	—	4.00(r)	—	6.00(r)	—	—	8.00 (2)	—	10.00 (3)	—	12.00(3)	—	14.00(3)	—	—	16.00(3)	—	18.00(3)	19.00(3)	—	4.19	6.2	4.8
3.5-M3	M3 X 0.5	2.00(r)	—	3.00(r)	—	4.00(r)	—	6.00(r)	—	—	8.00 (2)	—	10.00(2)	—	12.00(3)	—	14.00(3)	—	—	16.00(3)	—	18.00(3)	19.00(3)	—	5.38	6.2	6.4
M3.5	M3.5 X 0.6	N/A	—	3.00(r)	—	4.00(r)	—	6.00(r)	—	—	8.00 (2)	—	10.00(2)	—	12.00(3)	—	14.00(3)	—	—	16.00(3)	—	18.00(3)	19.00(3)	—	5.38	7	6.4
256	#2-56	—	2.286(r)	—	3.175(r)	—	4.750(r)	6.00(r)	—	—	8.00(r)	—	10.00(2)	—	12.00(2)	—	14.00(3)	—	—	16.00(3)	—	18.00(3)	19.00(3)	—	4.19	5.08	4.75
6256	#2-56	—	2.286(r)	—	3.175(r)	—	4.750(r)	—	6.350(r)	7.925(2)	—	9.525(2)	—	11.10(3)	—	12.70(3)	—	14.275(3)	15.875(3)	—	17.45(3)	—	—	19.05(3)	5.38	5.08	6.35
440	#4-40	—	2.286(r)	—	3.175(r)	—	4.750(r)	—	6.350(r)	7.925(2)	—	9.525(2)	—	11.10(3)	—	12.70(3)	—	14.275(3)	15.875(3)	—	17.45(3)	—	—	19.05(3)	4.19	5.588	4.75
6440	#4-40	—	2.286(r)	—	3.175(r)	—	4.750(r)	—	6.350(r)	7.925(2)	—	9.525(2)	—	11.10(2)	—	12.70(3)	—	14.275(3)	15.875(3)	—	17.45(3)	—	—	19.05(3)	5.38	5.588	6.35
632	#6-32	—	N/A	—	3.175(r)	—	4.750(r)	—	6.350(r)	7.925(2)	—	9.525(2)	—	11.10(2)	—	12.70(3)	—	14.275(3)	15.875(3)	—	17.45(3)	—	—	19.05(3)	5.38	6.858	6.35

Drawing



Type (1)

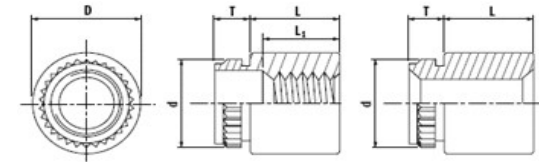
Type (2)

Type (3)

Technical specifications:

- All stated dimensions are in mm
- P_TSO- standoffs are zinc plated steel
- P_TSOS- products are stainless steel, AISI 300
- P_TSO- can be used into steel sheet of max. hardness HRB 80
- P_TSOS- can be used into steel sheet of max. hardness HRB 70
- Standoffs are used for steel sheet thickness 0,7 mm as a minimum

P_KFE Self clinching broaching type standoff for plastic

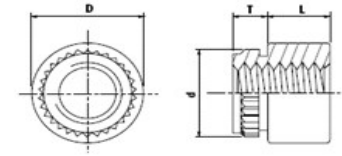


Thread	Thru hole +0.1-0.08	Length L+0.05/-0.13																Recommended hole in plastic +0.08/-0	Min. thickness of plastic	Dimension (max T)	Diameter d+-0.08	Diameter D +-0.13
		3	—	4	—	6	8	—	10	12	—	14	—	16	—	—	—					
M3 X 0.5	-	3	—	4	—	6	8	—	10	12	—	14	—	16	—	—	—	4.2	153	1.5	4.68	5.56
-	3.6	3	—	4	—	6	8	—	10	12	—	14	—	16	—	—	—	5.41	—	1.5	5.87	7.14
-	4.2	3	—	4	—	6	8	—	10	12	—	14	—	16	—	—	—	6.4	—	1.5	6.81	8.74
4-40	-	—	3.175	—	6.35	—	—	9.525	—	—	12.7	—	15.875	—	19.05	—	—	—	155	1524	4.67	5.56
6-32	-	—	3.175	—	6.35	—	—	9.525	—	—	12.7	—	15.875	—	19.05	22.225	25.4	—	155	1524	5.87	7.14
-	2.946	—	3.175	—	6.35	—	—	9.525	—	—	12.7	—	15.875	—	19.05	—	—	—	—	1524	4.67	5.56
-	3.632	—	3.175	—	6.35	—	—	9.525	—	—	12.7	—	15.875	—	19.05	22.225	25.4	—	—	1524	5.87	7.13
"L1" MIN. thread length		Full thread										9.5 (±0.4)										

Technical specifications:

- All stated dimensions are in mm
- P_KFE- broaching in plastics of max. hardness HRB 60
- Material: steel with Electro-Plated Tin

P_KF2 Self clinching broaching nut for plastic



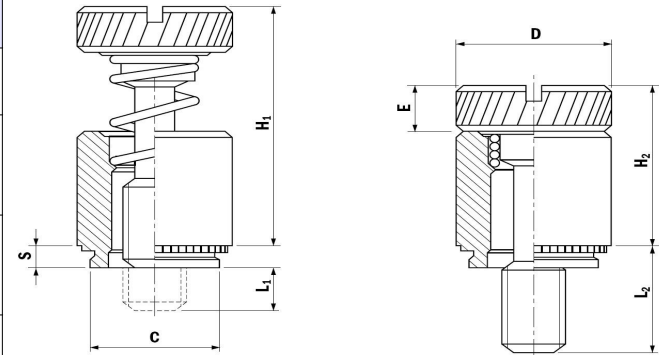
Thread	Thread size	Length L +0.05/-0.13						Recommended hole in plastic +0.08/-0	Min. thickness of plastic	Diameter d +-0.08	Diameter D +-0.13	Length L +-0.13
		1.5	—	—	—	—	—					
M2	M2 X 0.4	1.5	—	—	—	—	—	3.7	1.53	4.19	5.56	1.5
M2.5	M2.5 X 0.45	1.5	—	—	—	—	—	4.2	1.53	4.68	5.56	1.5
M3	M3 X 0.5	1.5	—	—	—	—	—	4.2	1.53	4.68	5.56	1.5
M4	M4 X 0.7	—	—	2	—	—	—	6.4	1.53	6.81	8.74	2
M5	M5 X 0.8	—	—	—	—	3	—	6.9	1.53	7.37	9.53	3
256	#2-56	—	1.651	—	—	—	—	3.7	1.53	4.19	5.56	1.651
440	#4-40	—	1.651	—	—	—	—	4.2	1.53	4.67	5.56	1.651
632	#6-32	—	1.651	—	—	—	—	5.4	1.53	5.87	7.14	1.651
832	#8-32	—	—	—	2.438	—	—	6.3	1.53	6.81	8.74	2.438
1032	#10-32	—	—	—	—	—	3.226	6.9	1.53	7.37	9.53	3.226

Technical specifications:

- All stated dimensions are in mm
- P_KF2- moulding into plastics of max. hardness HRB 60
- Material: steel with Electro-Plated Tin

P_PFC2 Stainless steel panel fasteners

Thread size	Screw code	Hole size +0,08/-0mm	Min. steel sheet thickness	C max	D +0,4/ -0,15	L1 ±0,4	L2	E ±0,13	H1 ±1,1	H2 max
M3 X 0.5	40	6,75	1,5	6,7	7,9	0	6,4	1,83	13,72	9,1
	62					3,2	9,5			
M4 X 0.7	50	7,95	1,5	7,9	9,5	0	7,9	2,08	17,53	11,4
	72					3,2	11,1			
	94					6,4	14,3			
M5 X 0.8	50	8,75	1,5	8,7	10,3	0	7,9	2,08	17,53	11,4
	72					3,2	11,1			
	94					6,4	14,3			
M6 X 1.0	60	10,5	1,5	10,5	11,9	0	9,5	2,5	22,35	14,7
	82					3,2	12,7			
	04					6,4	15,9			



Technical specifications:

- All stated dimensions are in mm
- P_PFC2- stainless steel, AISI 300
- P_PFC2- pressing into steel sheet of max. hardness HRB 70

Also available on request:

- P_PF11 panel fasteners
- P_PF31 panel fasteners
- P_PF32 panel fasteners
- P_PF50 panel fasteners
- P_PF52 panel fasteners
- P_PFC2P panel fasteners
- P_PFC4 panel fasteners
- P_PFHV panel fasteners
- And further more!