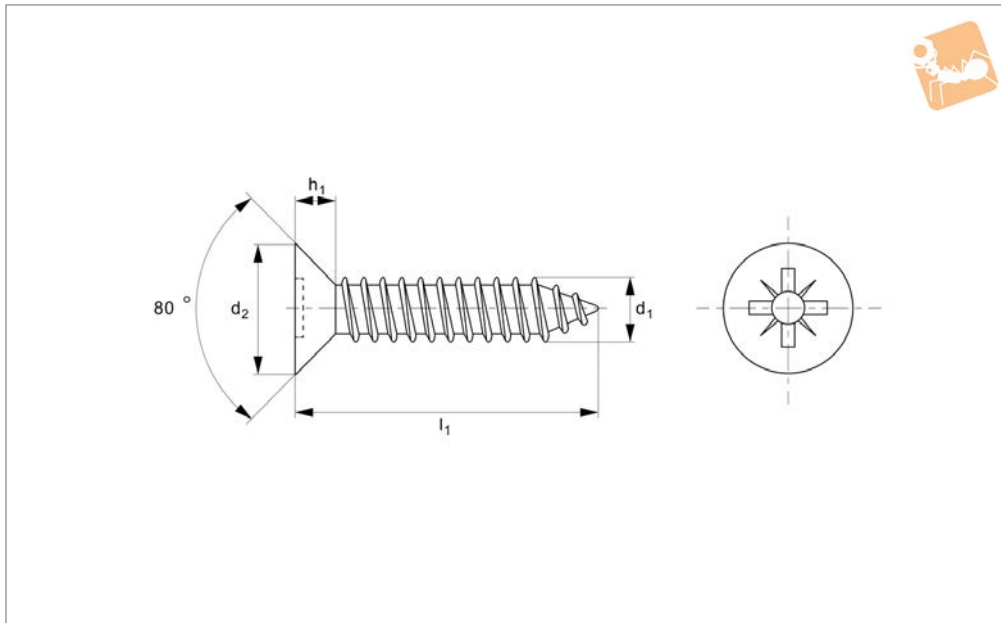




Countersunk Pozi AB Tappers

Pozi - steel, zinc-plated



P0600.ZP

SELF TAPPERS

Material

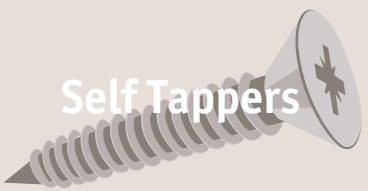
Steel, zinc-plated.
Also available as zinc-plated, black passi-

vated.

Technical Notes

To DIN 7982C-Z, ISO 7050 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0600.022-006-ZP	2.2	6.5	4.3	1.3	PZ-1
P0600.022-009-ZP	2.2	9.5	4.3	1.3	PZ-1
P0600.022-013-ZP	2.2	13	4.3	1.3	PZ-1
P0600.022-016-ZP	2.2	16	4.3	1.3	PZ-1
P0600.022-019-ZP	2.2	19	4.3	1.3	PZ-1
P0600.022-022-ZP	2.2	22	4.3	1.3	PZ-1
P0600.022-025-ZP	2.2	25	4.3	1.3	PZ-1
P0600.029-006-ZP	2.9	6.5	5.5	1.7	PZ-1
P0600.029-009-ZP	2.9	9.5	5.5	1.7	PZ-1
P0600.029-013-ZP	2.9	13	5.5	1.7	PZ-1
P0600.029-016-ZP	2.9	16	5.5	1.7	PZ-1
P0600.029-019-ZP	2.9	19	5.5	1.7	PZ-1
P0600.029-022-ZP	2.9	22	5.5	1.7	PZ-1
P0600.029-025-ZP	2.9	25	5.5	1.7	PZ-1
P0600.029-032-ZP	2.9	32	5.5	1.7	PZ-1
P0600.029-038-ZP	2.9	38	5.5	1.7	PZ-1
P0600.035-006-ZP	3.5	6.5	6.8	2.1	PZ-2
P0600.035-009-ZP	3.5	9.5	6.8	2.1	PZ-2
P0600.035-013-ZP	3.5	13	6.8	2.1	PZ-2
P0600.035-016-ZP	3.5	16	6.8	2.1	PZ-2
P0600.035-019-ZP	3.5	19	6.8	2.1	PZ-2
P0600.035-022-ZP	3.5	22	6.8	2.1	PZ-2
P0600.035-025-ZP	3.5	25	6.8	2.1	PZ-2
P0600.035-032-ZP	3.5	32	6.8	2.1	PZ-2
P0600.035-038-ZP	3.5	38	6.8	2.1	PZ-2
P0600.035-045-ZP	3.5	45	6.8	2.1	PZ-2
P0600.035-050-ZP	3.5	50	6.8	2.1	PZ-2
P0600.035-060-ZP	3.5	60	6.8	2.1	PZ-2
P0600.039-006-ZP	3.9	6.5	7.5	2.3	PZ-2
P0600.039-009-ZP	3.9	9.5	7.5	2.3	PZ-2
P0600.039-013-ZP	3.9	13	7.5	2.3	PZ-2
P0600.039-016-ZP	3.9	16	7.5	2.3	PZ-2
P0600.039-019-ZP	3.9	19	7.5	2.3	PZ-2
P0600.039-022-ZP	3.9	22	7.5	2.3	PZ-2
P0600.039-025-ZP	3.9	25	7.5	2.3	PZ-2



SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0600.039-032-ZP	3.9	32	7.5	2.3	PZ-2
P0600.039-038-ZP	3.9	38	7.5	2.3	PZ-2
P0600.039-045-ZP	3.9	45	7.5	2.3	PZ-2
P0600.039-050-ZP	3.9	50	7.5	2.3	PZ-2
P0600.039-060-ZP	3.9	60	7.5	2.3	PZ-2
P0600.039-070-ZP	3.9	70	7.5	2.3	PZ-2
P0600.039-080-ZP	3.9	80	7.5	2.3	PZ-2
P0600.042-009-ZP	4.2	9.5	8.1	2.5	PZ-2
P0600.042-013-ZP	4.2	13	8.1	2.5	PZ-2
P0600.042-016-ZP	4.2	16	8.1	2.5	PZ-2
P0600.042-019-ZP	4.2	19	8.1	2.5	PZ-2
P0600.042-022-ZP	4.2	22	8.1	2.5	PZ-2
P0600.042-025-ZP	4.2	25	8.1	2.5	PZ-2
P0600.042-032-ZP	4.2	32	8.1	2.5	PZ-2
P0600.042-038-ZP	4.2	38	8.1	2.5	PZ-2
P0600.042-045-ZP	4.2	45	8.1	2.5	PZ-2
P0600.042-050-ZP	4.2	50	8.1	2.5	PZ-2
P0600.042-060-ZP	4.2	60	8.1	2.5	PZ-2
P0600.042-070-ZP	4.2	70	8.1	2.5	PZ-2
P0600.042-080-ZP	4.2	80	8.1	2.5	PZ-2
P0600.048-009-ZP	4.8	9.5	9.5	3.0	PZ-2
P0600.048-013-ZP	4.8	13	9.5	3.0	PZ-2
P0600.048-016-ZP	4.8	16	9.5	3.0	PZ-2
P0600.048-019-ZP	4.8	19	9.5	3.0	PZ-2
P0600.048-022-ZP	4.8	22	9.5	3.0	PZ-2
P0600.048-025-ZP	4.8	25	9.5	3.0	PZ-2
P0600.048-032-ZP	4.8	32	9.5	3.0	PZ-2
P0600.048-038-ZP	4.8	38	9.5	3.0	PZ-2
P0600.048-045-ZP	4.8	45	9.5	3.0	PZ-2
P0600.048-050-ZP	4.8	50	9.5	3.0	PZ-2
P0600.048-060-ZP	4.8	60	9.5	3.0	PZ-2
P0600.048-070-ZP	4.8	70	9.5	3.0	PZ-2
P0600.048-080-ZP	4.8	80	9.5	3.0	PZ-2
P0600.048-090-ZP	4.8	90	9.5	3.0	PZ-2
P0600.048-100-ZP	4.8	100	9.5	3.0	PZ-2
P0600.055-013-ZP	5.5	13	10.8	3.4	PZ-3
P0600.055-016-ZP	5.5	16	10.8	3.4	PZ-3
P0600.055-019-ZP	5.5	19	10.8	3.4	PZ-3
P0600.055-022-ZP	5.5	22	10.8	3.4	PZ-3
P0600.055-025-ZP	5.5	25	10.8	3.4	PZ-3
P0600.055-032-ZP	5.5	32	10.8	3.4	PZ-3
P0600.055-038-ZP	5.5	38	10.8	3.4	PZ-3
P0600.055-045-ZP	5.5	45	10.8	3.4	PZ-3
P0600.055-050-ZP	5.5	50	10.8	3.4	PZ-3
P0600.055-060-ZP	5.5	60	10.8	3.4	PZ-3
P0600.055-070-ZP	5.5	70	10.8	3.4	PZ-3
P0600.055-080-ZP	5.5	80	10.8	3.4	PZ-3
P0600.055-900-ZP	5.5	90	10.8	3.4	PZ-3
P0600.055-100-ZP	5.5	100	10.8	3.4	PZ-3
P0600.063-013-ZP	6.3	13	12.4	3.8	PZ-3
P0600.063-016-ZP	6.3	16	12.4	3.8	PZ-3
P0600.063-019-ZP	6.3	19	12.4	3.8	PZ-3
P0600.063-022-ZP	6.3	22	12.4	3.8	PZ-3
P0600.063-025-ZP	6.3	25	12.4	3.8	PZ-3
P0600.063-032-ZP	6.3	32	12.4	3.8	PZ-3
P0600.063-038-ZP	6.3	38	12.4	3.8	PZ-3
P0600.063-045-ZP	6.3	45	12.4	3.8	PZ-3
P0600.063-050-ZP	6.3	50	12.4	3.8	PZ-3
P0600.063-060-ZP	6.3	60	12.4	3.8	PZ-3
P0600.063-070-ZP	6.3	70	12.4	3.8	PZ-3
P0600.063-080-ZP	6.3	80	12.4	3.8	PZ-3
P0600.063-090-ZP	6.3	90	12.4	3.8	PZ-3
P0600.063-100-ZP	6.3	100	12.4	3.8	PZ-3

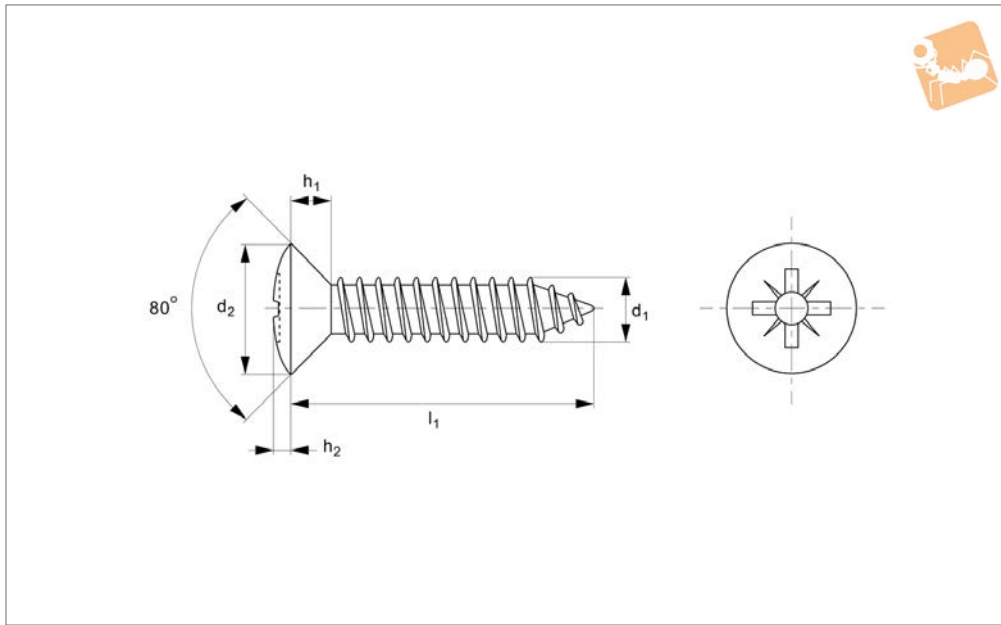


Raised C'sk Pozi AB Tappers

Raised pozi - steel, zinc-plated



Self Tappers



P0601.ZP

SELF TAPPERS

Material

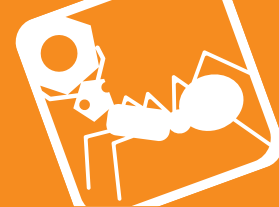
Steel, zinc-plated.
Also available as zinc-plated, black passi-

vated.

Technical Notes

To DIN 7983C-Z, ISO 7051 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0601.022-006-ZP	2.2	6.5	4.3	1.3	0.7	PZ-1
P0601.022-009-ZP	2.2	9.5	4.3	1.3	0.7	PZ-1
P0601.022-013-ZP	2.2	13	4.3	1.3	0.7	PZ-1
P0601.022-016-ZP	2.2	16	4.3	1.3	0.7	PZ-1
P0601.022-019-ZP	2.2	19	4.3	1.3	0.7	PZ-1
P0601.022-022-ZP	2.2	22	4.3	1.3	0.7	PZ-1
P0601.022-025-ZP	2.2	25	4.3	1.3	0.7	PZ-1
P0601.022-032-ZP	2.2	32	4.3	1.3	0.7	PZ-1
P0601.029-006-ZP	2.9	6.5	5.5	1.7	0.9	PZ-1
P0601.029-009-ZP	2.9	9.5	5.5	1.7	0.9	PZ-1
P0601.029-013-ZP	2.9	13	5.5	1.7	0.9	PZ-1
P0601.029-016-ZP	2.9	16	5.5	1.7	0.9	PZ-1
P0601.029-019-ZP	2.9	19	5.5	1.7	0.9	PZ-1
P0601.029-022-ZP	2.9	22	5.5	1.7	0.9	PZ-1
P0601.029-025-ZP	2.9	25	5.5	1.7	0.9	PZ-1
P0601.029-032-ZP	2.9	32	5.5	1.7	0.9	PZ-1
P0601.029-038-ZP	2.9	38	5.5	1.7	0.9	PZ-1
P0601.035-006-ZP	3.5	6.5	6.8	2.1	1.2	PZ-2
P0601.035-009-ZP	3.5	9.5	6.8	2.1	1.2	PZ-2
P0601.035-013-ZP	3.5	13	6.8	2.1	1.2	PZ-2
P0601.035-016-ZP	3.5	16	6.8	2.1	1.2	PZ-2
P0601.035-019-ZP	3.5	19	6.8	2.1	1.2	PZ-2
P0601.035-022-ZP	3.5	22	6.8	2.1	1.2	PZ-2
P0601.035-025-ZP	3.5	25	6.8	2.1	1.2	PZ-2
P0601.035-032-ZP	3.5	32	6.8	2.1	1.2	PZ-2
P0601.035-038-ZP	3.5	38	6.8	2.1	1.2	PZ-2
P0601.035-045-ZP	3.5	45	6.8	2.1	1.2	PZ-2
P0601.035-050-ZP	3.5	50	6.8	2.1	1.2	PZ-2
P0601.039-006-ZP	3.9	6.5	7.5	2.3	1.3	PZ-2
P0601.039-009-ZP	3.9	9.5	7.5	2.3	1.3	PZ-2
P0601.039-013-ZP	3.9	13	7.5	2.3	1.3	PZ-2
P0601.039-016-ZP	3.9	16	7.5	2.3	1.3	PZ-2
P0601.039-019-ZP	3.9	19	7.5	2.3	1.3	PZ-2
P0601.039-022-ZP	3.9	22	7.5	2.3	1.3	PZ-2
P0601.039-025-ZP	3.9	25	7.5	2.3	1.3	PZ-2



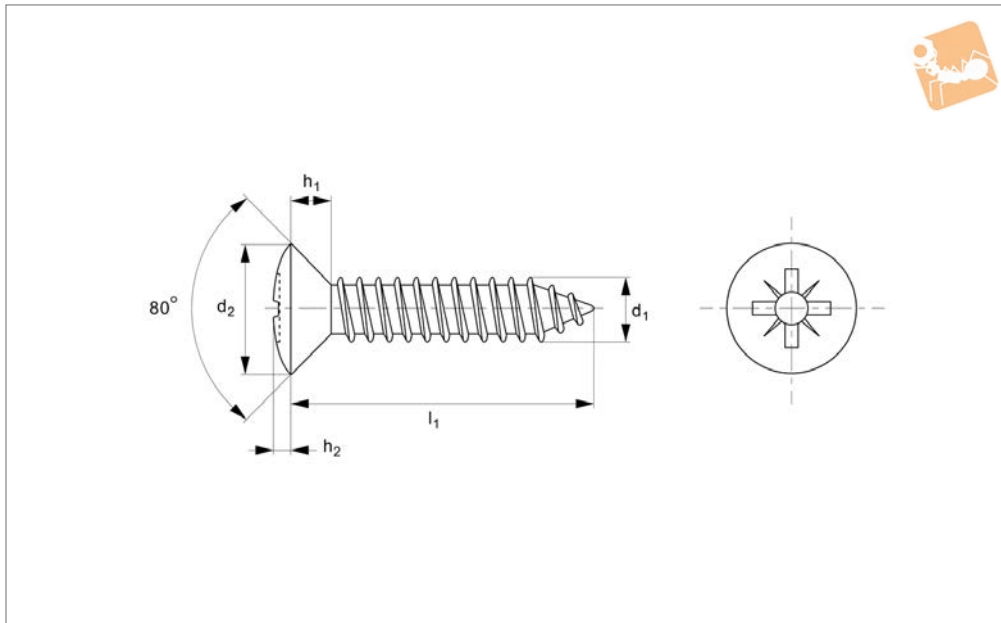
Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0601.039-032-ZP	3.9	32	7.5	2.3	1.3	PZ-2
P0601.039-038-ZP	3.9	38	7.5	2.3	1.3	PZ-2
P0601.039-045-ZP	3.9	45	7.5	2.3	1.3	PZ-2
P0601.039-050-ZP	3.9	50	7.5	2.3	1.3	PZ-2
P0601.039-060-ZP	3.9	60	7.5	2.3	1.3	PZ-2
P0601.039-070-ZP	3.9	70	7.5	2.3	1.3	PZ-2
P0601.042-009-ZP	4.2	9.5	8.1	2.5	1.4	PZ-2
P0601.042-013-ZP	4.2	13	8.1	2.5	1.4	PZ-2
P0601.042-016-ZP	4.2	16	8.1	2.5	1.4	PZ-2
P0601.042-019-ZP	4.2	19	8.1	2.5	1.4	PZ-2
P0601.042-022-ZP	4.2	22	8.1	2.5	1.4	PZ-2
P0601.042-025-ZP	4.2	25	8.1	2.5	1.4	PZ-2
P0601.042-032-ZP	4.2	32	8.1	2.5	1.4	PZ-2
P0601.042-038-ZP	4.2	38	8.1	2.5	1.4	PZ-2
P0601.042-045-ZP	4.2	45	8.1	2.5	1.4	PZ-2
P0601.042-050-ZP	4.2	50	8.1	2.5	1.4	PZ-2
P0601.042-060-ZP	4.2	60	8.1	2.5	1.4	PZ-2
P0601.042-070-ZP	4.2	70	8.1	2.5	1.4	PZ-2
P0601.042-080-ZP	4.2	80	8.1	2.5	1.4	PZ-2
P0601.048-009-ZP	4.8	9.5	9.5	3.0	1.5	PZ-2
P0601.048-013-ZP	4.8	13	9.5	3.0	1.5	PZ-2
P0601.048-016-ZP	4.8	16	9.5	3.0	1.5	PZ-2
P0601.048-019-ZP	4.8	19	9.5	3.0	1.5	PZ-2
P0601.048-022-ZP	4.8	22	9.5	3.0	1.5	PZ-2
P0601.048-025-ZP	4.8	25	9.5	3.0	1.5	PZ-2
P0601.048-032-ZP	4.8	32	9.5	3.0	1.5	PZ-2
P0601.048-038-ZP	4.8	38	9.5	3.0	1.5	PZ-2
P0601.048-045-ZP	4.8	45	9.5	3.0	1.5	PZ-2
P0601.048-050-ZP	4.8	50	9.5	3.0	1.5	PZ-2
P0601.048-060-ZP	4.8	60	9.5	3.0	1.5	PZ-2
P0601.048-070-ZP	4.8	70	9.5	3.0	1.5	PZ-2
P0601.048-080-ZP	4.8	80	9.5	3.0	1.5	PZ-2
P0601.048-090-ZP	4.8	90	9.5	3.0	1.5	PZ-2
P0601.048-100-ZP	4.8	100	9.5	3.0	1.5	PZ-2
P0601.055-009-ZP	5.5	9.5	10.8	3.4	1.7	PZ-3
P0601.055-013-ZP	5.5	13	10.8	3.4	1.7	PZ-3
P0601.055-016-ZP	5.5	16	10.8	3.4	1.7	PZ-3
P0601.055-019-ZP	5.5	19	10.8	3.4	1.7	PZ-3
P0601.055-022-ZP	5.5	22	10.8	3.4	1.7	PZ-3
P0601.055-025-ZP	5.5	25	10.8	3.4	1.7	PZ-3
P0601.055-032-ZP	5.5	32	10.8	3.4	1.7	PZ-3
P0601.055-038-ZP	5.5	38	10.8	3.4	1.7	PZ-3
P0601.055-045-ZP	5.5	45	10.8	3.4	1.7	PZ-3
P0601.055-050-ZP	5.5	50	10.8	3.4	1.7	PZ-3
P0601.055-060-ZP	5.5	60	10.8	3.4	1.7	PZ-3
P0601.055-070-ZP	5.5	70	10.8	3.4	1.7	PZ-3
P0601.055-080-ZP	5.5	80	10.8	3.4	1.7	PZ-3
P0601.055-090-ZP	5.5	90	10.8	3.4	1.7	PZ-3
P0601.055-100-ZP	5.5	100	10.8	3.4	1.7	PZ-3
P0601.063-013-ZP	6.3	13	12.4	3.8	2.0	PZ-3
P0601.063-016-ZP	6.3	16	12.4	3.8	2.0	PZ-3
P0601.063-019-ZP	6.3	19	12.4	3.8	2.0	PZ-3
P0601.063-022-ZP	6.3	22	12.4	3.8	2.0	PZ-3
P0601.063-025-ZP	6.3	25	12.4	3.8	2.0	PZ-3
P0601.063-032-ZP	6.3	32	12.4	3.8	2.0	PZ-3
P0601.063-038-ZP	6.3	38	12.4	3.8	2.0	PZ-3
P0601.063-045-ZP	6.3	45	12.4	3.8	2.0	PZ-3
P0601.063-050-ZP	6.3	50	12.4	3.8	2.0	PZ-3
P0601.063-060-ZP	6.3	60	12.4	3.8	2.0	PZ-3
P0601.063-070-ZP	6.3	70	12.4	3.8	2.0	PZ-3
P0601.063-080-ZP	6.3	80	12.4	3.8	2.0	PZ-3
P0601.063-090-ZP	6.3	90	12.4	3.8	2.0	PZ-3
P0601.063-100-ZP	6.3	100	12.4	3.8	2.0	PZ-3



Stainless Raised C'sk Pozi AB Tappers

Raised pozi - A2 stainless

Self Tappers



P0601.A2

SELF TAPPERS

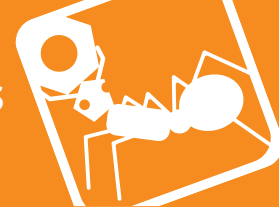
Material

Stainless steel (A2, AISI 303).

Technical Notes

To DIN 7983C-Z, ISO 7051 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0601.022-006-A2	2.2	6.5	4.3	1.3	0.7	PZ-1
P0601.022-009-A2	2.2	9.5	4.3	1.3	0.7	PZ-1
P0601.022-013-A2	2.2	13	4.3	1.3	0.7	PZ-1
P0601.022-016-A2	2.2	16	4.3	1.3	0.7	PZ-1
P0601.022-019-A2	2.2	19	4.3	1.3	0.7	PZ-1
P0601.022-022-A2	2.2	22	4.3	1.3	0.7	PZ-1
P0601.022-025-A2	2.2	5	4.3	1.3	0.7	PZ-1
P0601.022-032-A2	2.2	32	4.3	1.3	0.7	PZ-1
P0601.029-006-A2	2.9	6.5	5.5	1.7	0.9	PZ-1
P0601.029-009-A2	2.9	9.5	5.5	1.7	0.9	PZ-1
P0601.029-013-A2	2.9	13	5.5	1.7	0.9	PZ-1
P0601.029-016-A2	2.9	6	5.5	1.7	0.9	PZ-1
P0601.029-019-A2	2.9	9	5.5	1.7	0.9	PZ-1
P0601.029-022-A2	2.9	22	5.5	1.7	0.9	PZ-1
P0601.029-025-A2	2.9	25	5.5	1.7	0.9	PZ-1
P0601.029-032-A2	2.9	32	5.5	1.7	0.9	PZ-1
P0601.029-038-A2	2.9	38	5.5	1.7	0.9	PZ-1
P0601.035-006-A2	3.5	6.5	6.8	2.1	1.2	PZ-2
P0601.035-009-A2	3.5	9.5	6.8	2.1	1.2	PZ-2
P0601.035-013-A2	3.5	13	6.8	2.1	1.2	PZ-2
P0601.035-016-A2	3.5	16	6.8	2.1	1.2	PZ-2
P0601.035-019-A2	3.5	19	6.8	2.1	1.2	PZ-2
P0601.035-022-A2	3.5	22	6.8	2.1	1.2	PZ-2
P0601.035-025-A2	3.5	25	6.8	2.1	1.2	PZ-2
P0601.035-032-A2	3.5	32	6.8	2.1	1.2	PZ-2
P0601.035-038-A2	3.5	38	6.8	2.1	1.2	PZ-2
P0601.035-045-A2	3.5	45	6.8	2.1	1.2	PZ-2
P0601.035-050-A2	3.5	50	6.8	2.1	1.2	PZ-2
P0601.039-006-A2	3.9	6.5	7.5	2.3	1.3	PZ-2
P0601.039-009-A2	3.9	9.5	7.5	2.3	1.3	PZ-2
P0601.039-013-A2	3.9	13	7.5	2.3	1.3	PZ-2
P0601.039-016-A2	3.9	16	7.5	2.3	1.3	PZ-2
P0601.039-019-A2	3.9	19	7.5	2.3	1.3	PZ-2
P0601.039-022-A2	3.9	22	7.5	2.3	1.3	PZ-2
P0601.039-025-A2	3.9	25	7.5	2.3	1.3	PZ-2

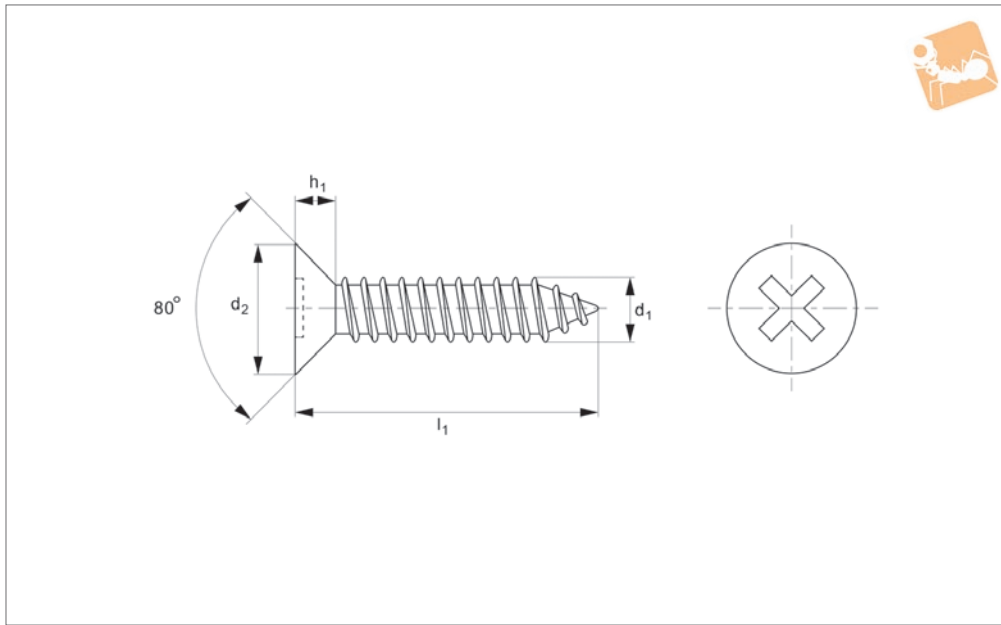


Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0601.039-032-A2	3.9	32	7.5	2.3	1.3	PZ-2
P0601.039-038-A2	3.9	38	7.5	2.3	1.3	PZ-2
P0601.039-045-A2	3.9	45	7.5	2.3	1.3	PZ-2
P0601.039-050-A2	3.9	50	7.5	2.3	1.3	PZ-2
P0601.039-060-A2	3.9	60	7.5	2.3	1.3	PZ-2
P0601.039-070-A2	3.9	70	7.5	2.3	1.3	PZ-2
P0601.042-009-A2	4.2	9.5	8.1	2.5	1.4	PZ-2
P0601.042-013-A2	4.2	13	8.1	2.5	1.4	PZ-2
P0601.042-016-A2	4.2	16	8.1	2.5	1.4	PZ-2
P0601.042-019-A2	4.2	19	8.1	2.5	1.4	PZ-2
P0601.042-022-A2	4.2	22	8.1	2.5	1.4	PZ-2
P0601.042-025-A2	4.2	25	8.1	2.5	1.4	PZ-2
P0601.042-032-A2	4.2	32	8.1	2.5	1.4	PZ-2
P0601.042-038-A2	4.2	38	8.1	2.5	1.4	PZ-2
P0601.042-045-A2	4.2	45	8.1	2.5	1.4	PZ-2
P0601.042-050-A2	4.2	50	8.1	2.5	1.4	PZ-2
P0601.042-060-A2	4.2	60	8.1	2.5	1.4	PZ-2
P0601.042-070-A2	4.2	70	8.1	2.5	1.4	PZ-2
P0601.042-080-A2	4.2	80	8.1	2.5	1.4	PZ-2
P0601.048-009-A2	4.8	9.5	9.5	3.0	1.5	PZ-2
P0601.048-013-A2	4.8	13	9.5	3.0	1.5	PZ-2
P0601.048-016-A2	4.8	16	9.5	3.0	1.5	PZ-2
P0601.048-019-A2	4.8	19	9.5	3.0	1.5	PZ-2
P0601.048-022-A2	4.8	22	9.5	3.0	1.5	PZ-2
P0601.048-025-A2	4.8	5	9.5	3.0	1.5	PZ-2
P0601.048-032-A2	4.8	32	9.5	3.0	1.5	PZ-2
P0601.048-038-A2	4.8	38	9.5	3.0	1.5	PZ-2
P0601.048-045-A2	4.8	45	9.5	3.0	1.5	PZ-2
P0601.048-050-A2	4.8	50	9.5	3.0	1.5	PZ-2
P0601.048-060-A2	4.8	60	9.5	3.0	1.5	PZ-2
P0601.048-070-A2	4.8	70	9.5	3.0	1.5	PZ-2
P0601.048-080-A2	4.8	80	9.5	3.0	1.5	PZ-2
P0601.048-090-A2	4.8	90	9.5	3.0	1.5	PZ-2
P0601.048-100-A2	4.8	100	9.5	3.0	1.5	PZ-2
P0601.055-009-A2	5.5	9.5	10.8	3.4	1.7	PZ-3
P0601.055-013-A2	5.5	13	10.8	3.4	1.7	PZ-3
P0601.055-016-A2	5.5	16	10.8	3.4	1.7	PZ-3
P0601.055-019-A2	5.5	19	10.8	3.4	1.7	PZ-3
P0601.055-022-A2	5.5	22	10.8	3.4	1.7	PZ-3
P0601.055-025-A2	5.5	25	10.8	3.4	1.7	PZ-3
P0601.055-032-A2	5.5	32	10.8	3.4	1.7	PZ-3
P0601.055-038-A2	5.5	38	10.8	3.4	1.7	PZ-3
P0601.055-045-A2	5.5	45	10.8	3.4	1.7	PZ-3
P0601.055-050-A2	5.5	50	10.8	3.4	1.7	PZ-3
P0601.055-060-A2	5.5	60	10.8	3.4	1.7	PZ-3
P0601.055-070-A2	5.5	70	10.8	3.4	1.7	PZ-3
P0601.055-080-A2	5.5	80	10.8	3.4	1.7	PZ-3
P0601.055-090-A2	5.5	90	10.8	3.4	1.7	PZ-3
P0601.055-100-A2	5.5	100	10.8	3.4	1.7	PZ-3
P0601.063-013-A2	6.3	13	12.4	3.8	2.0	PZ-3
P0601.063-016-A2	6.3	16	12.4	3.8	2.0	PZ-3
P0601.063-019-A2	6.3	19	12.4	3.8	2.0	PZ-3
P0601.063-022-A2	6.3	22	12.4	3.8	2.0	PZ-3
P0601.063-025-A2	6.3	25	12.4	3.8	2.0	PZ-3
P0601.063-032-A2	6.3	32	12.4	3.8	2.0	PZ-3
P0601.063-038-A2	6.3	38	12.4	3.8	2.0	PZ-3
P0601.063-045-A2	6.3	45	12.4	3.8	2.0	PZ-3
P0601.063-050-A2	6.3	50	12.4	3.8	2.0	PZ-3
P0601.063-060-A2	6.3	60	12.4	3.8	2.0	PZ-3
P0601.063-070-A2	6.3	70	12.4	3.8	2.0	PZ-3
P0601.063-080-A2	6.3	80	12.4	3.8	2.0	PZ-3
P0601.063-090-A2	6.3	90	12.4	3.8	2.0	PZ-3
P0601.063-100-A2	6.3	100	12.4	3.8	2.0	v



C'sunk Phillips AB Tappers

Phillips - steel, zinc-plated



P0604.ZP

SELF TAPPERS

Material

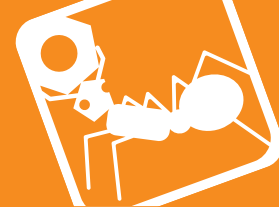
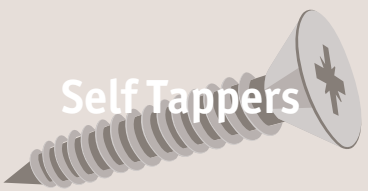
Steel, zinc-plated.
Also available as zinc-plated, black passi-

vated.

Technical Notes

To DIN 7982C-H, ISO 7050 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0604.022-006-ZP	2.2	6.5	4.3	1.3	PH-1
P0604.022-009-ZP	2.2	9.5	4.3	1.3	PH-1
P0604.022-013-ZP	2.2	13	4.3	1.3	PH-1
P0604.022-016-ZP	2.2	16	4.3	1.3	PH-1
P0604.022-019-ZP	2.2	19	4.3	1.3	PH-1
P0604.022-022-ZP	2.2	22	4.3	1.3	PH-1
P0604.022-025-ZP	2.2	25	4.3	1.3	PH-1
P0604.022-032-ZP	2.2	32	4.3	1.3	PH-1
P0604.029-006-ZP	2.9	6.5	5.5	1.7	PH-1
P0604.029-009-ZP	2.9	9.5	5.5	1.7	PH-1
P0604.029-013-ZP	2.9	13	5.5	1.7	PH-1
P0604.029-016-ZP	2.9	16	5.5	1.7	PH-1
P0604.029-019-ZP	2.9	19	5.5	1.7	PH-1
P0604.029-022-ZP	2.9	22	5.5	1.7	PH-1
P0604.029-025-ZP	2.9	25	5.5	1.7	PH-1
P0604.029-032-ZP	2.9	32	5.5	1.7	PH-1
P0604.029-038-ZP	2.9	38	5.5	1.7	PH-1
P0604.035-006-ZP	3.5	6.5	6.8	2.1	PH-2
P0604.035-009-ZP	3.5	9.5	6.8	2.1	PH-2
P0604.035-013-ZP	3.5	13	6.8	2.1	PH-2
P0604.035-016-ZP	3.5	16	6.8	2.1	PH-2
P0604.035-019-ZP	3.5	19	6.8	2.1	PH-2
P0604.035-022-ZP	3.5	22	6.8	2.1	PH-2
P0604.035-025-ZP	3.5	25	6.8	2.1	PH-2
P0604.035-032-ZP	3.5	32	6.8	2.1	PH-2
P0604.035-038-ZP	3.5	38	6.8	2.1	PH-2
P0604.035-045-ZP	3.5	45	6.8	2.1	PH-2
P0604.035-050-ZP	3.5	50	6.8	2.1	PH-2
P0604.035-060-ZP	3.5	60	6.8	2.1	PH-2
P0604.035-070-ZP	3.5	70	6.8	2.1	PH-2
P0604.039-006-ZP	3.9	6.5	7.5	2.3	PH-2
P0604.039-009-ZP	3.9	9.5	7.5	2.3	PH-2
P0604.039-013-ZP	3.9	13	7.5	2.3	PH-2
P0604.039-016-ZP	3.9	16	7.5	2.3	PH-2
P0604.039-019-ZP	3.9	19	7.5	2.3	PH-2



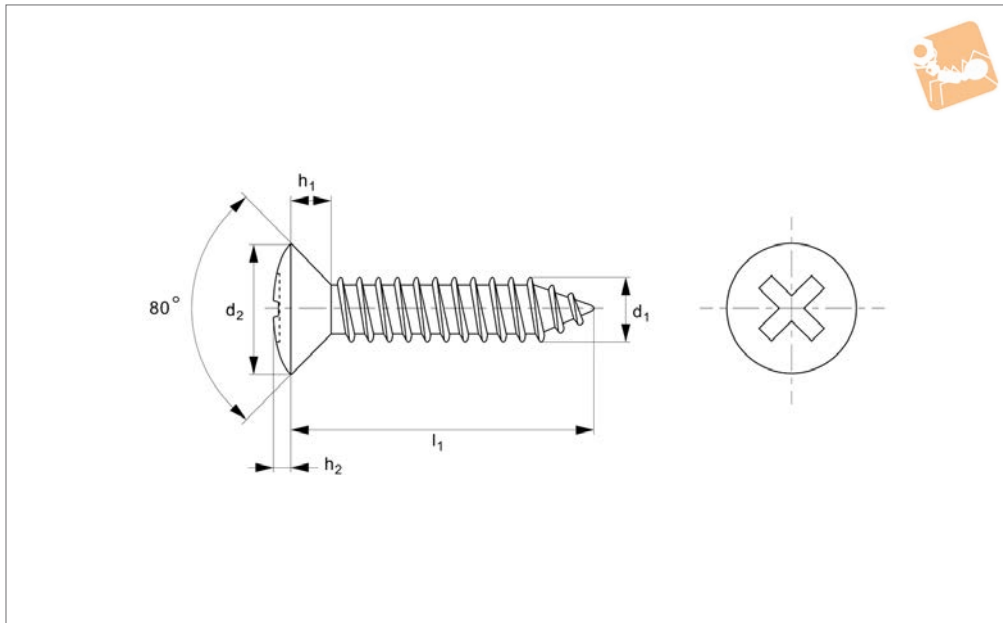
SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0604.039-022-ZP	3.9	22	7.5	2.3	PH-2
P0604.039-025-ZP	3.9	25	7.5	2.3	PH-2
P0604.039-032-ZP	3.9	32	7.5	2.3	PH-2
P0604.039-038-ZP	3.9	38	7.5	2.3	PH-2
P0604.039-045-ZP	3.9	45	7.5	2.3	PH-2
P0604.039-050-ZP	3.9	50	7.5	2.3	PH-2
P0604.039-060-ZP	3.9	60	7.5	2.3	PH-2
P0604.039-070-ZP	3.9	70	7.5	2.3	PH-2
P0604.042-009-ZP	4.2	9.5	8.1	2.5	PH-2
P0604.042-013-ZP	4.2	13	8.1	2.5	PH-2
P0604.042-016-ZP	4.2	16	8.1	2.5	PH-2
P0604.042-019-ZP	4.2	19	8.1	2.5	PH-2
P0604.042-022-ZP	4.2	22	8.1	2.5	PH-2
P0604.042-025-ZP	4.2	25	8.1	2.5	PH-2
P0604.042-032-ZP	4.2	32	8.1	2.5	PH-2
P0604.042-038-ZP	4.2	38	8.1	2.5	PH-2
P0604.042-045-ZP	4.2	45	8.1	2.5	PH-2
P0604.042-050-ZP	4.2	50	8.1	2.5	PH-2
P0604.042-060-ZP	4.2	60	8.1	2.5	PH-2
P0604.042-070-ZP	4.2	70	8.1	2.5	PH-2
P0604.042-080-ZP	4.2	80	8.1	2.5	PH-2
P0604.042-090-ZP	4.2	90	8.1	2.5	PH-2
P0604.042-100-ZP	4.2	100	8.1	2.5	PH-2
P0604.048-009-ZP	4.8	9.5	9.5	3.0	PH-2
P0604.048-013-ZP	4.8	13	9.5	3.0	PH-2
P0604.048-016-ZP	4.8	16	9.5	3.0	PH-2
P0604.048-019-ZP	4.8	19	9.5	3.0	PH-2
P0604.048-022-ZP	4.8	22	9.5	3.0	PH-2
P0604.048-025-ZP	4.8	25	9.5	3.0	PH-2
P0604.048-032-ZP	4.8	32	9.5	3.0	PH-2
P0604.048-038-ZP	4.8	38	9.5	3.0	PH-2
P0604.048-045-ZP	4.8	45	9.5	3.0	PH-2
P0604.048-050-ZP	4.8	50	9.5	3.0	PH-2
P0604.048-060-ZP	4.8	60	9.5	3.0	PH-2
P0604.048-070-ZP	4.8	70	9.5	3.0	PH-2
P0604.048-080-ZP	4.8	80	9.5	3.0	PH-2
P0604.048-090-ZP	4.8	90	9.5	3.0	PH-2
P0604.048-100-ZP	4.8	100	9.5	3.0	PH-2
P0604.048-120-ZP	4.8	120	9.5	3.0	PH-2
P0604.055-013-ZP	5.5	13	10.8	3.4	PH-3
P0604.055-016-ZP	5.5	16	10.8	3.4	PH-3
P0604.055-019-ZP	5.5	19	10.8	3.4	PH-3
P0604.055-022-ZP	5.5	22	10.8	3.4	PH-3
P0604.055-025-ZP	5.5	25	10.8	3.4	PH-3
P0604.055-032-ZP	5.5	32	10.8	3.4	PH-3
P0604.055-038-ZP	5.5	38	10.8	3.4	PH-3
P0604.055-045-ZP	5.5	45	10.8	3.4	PH-3
P0604.055-050-ZP	5.5	50	10.8	3.4	PH-3
P0604.055-060-ZP	5.5	60	10.8	3.4	PH-3
P0604.055-070-ZP	5.5	70	10.8	3.4	PH-3
P0604.055-080-ZP	5.5	80	10.8	3.4	PH-3
P0604.055-090-ZP	5.5	90	10.8	3.4	PH-3
P0604.055-100-ZP	5.5	100	10.8	3.4	PH-3
P0604.055-120-ZP	5.5	120	10.8	3.4	PH-3
P0604.063-013-ZP	6.3	13	12.4	3.8	PH-3
P0604.063-016-ZP	6.3	16	12.4	3.8	PH-3
P0604.063-019-ZP	6.3	19	12.4	3.8	PH-3
P0604.063-022-ZP	6.3	22	12.4	3.8	PH-3
P0604.063-025-ZP	6.3	25	12.4	3.8	PH-3
P0604.063-032-ZP	6.3	32	12.4	3.8	PH-3
P0604.063-038-ZP	6.3	38	12.4	3.8	PH-3
P0604.063-045-ZP	6.3	45	12.4	3.8	PH-3
P0604.063-050-ZP	6.3	50	12.4	3.8	PH-3
P0604.063-060-ZP	6.3	60	12.4	3.8	PH-3
P0604.063-070-ZP	6.3	70	12.4	3.8	PH-3
P0604.063-080-ZP	6.3	80	12.4	3.8	PH-3
P0604.063-090-ZP	6.3	90	12.4	3.8	PH-3
P0604.063-100-ZP	6.3	100	12.4	3.8	PH-3
P0604.063-120-ZP	6.3	120	12.4	3.8	PH-3



Raised C'sk Phillips AB Tappers

Raised phillips - steel, zinc-plated



P0605.ZP

SELF TAPPERS

Material

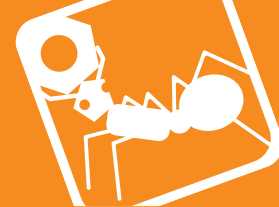
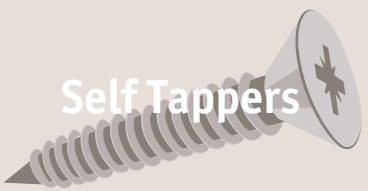
Steel, zinc-plated.
Also available as zinc-plated, black passi-

vated.

Technical Notes

To DIN 7983C-H, ISO 7051 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0605.022-006-ZP	2.2	6.5	4.3	1.3	0.7	PH-1
P0605.022-009-ZP	2.2	9.5	4.3	1.3	0.7	PH-1
P0605.022-013-ZP	2.2	13	4.3	1.3	0.7	PH-1
P0605.022-016-ZP	2.2	16	4.3	1.3	0.7	PH-1
P0605.022-019-ZP	2.2	19	4.3	1.3	0.7	PH-1
P0605.022-022-ZP	2.2	22	4.3	1.3	0.7	PH-1
P0605.022-025-ZP	2.2	25	4.3	1.3	0.7	PH-1
P0605.022-032-ZP	2.2	32	4.3	1.3	0.7	PH-1
P0605.029-006-ZP	2.9	6.5	5.5	1.7	0.9	PH-1
P0605.029-009-ZP	2.9	9.5	5.5	1.7	0.9	PH-1
P0605.029-013-ZP	2.9	13	5.5	1.7	0.9	PH-1
P0605.029-016-ZP	2.9	16	5.5	1.7	0.9	PH-1
P0605.029-019-ZP	2.9	19	5.5	1.7	0.9	PH-1
P0605.029-022-ZP	2.9	22	5.5	1.7	0.9	PH-1
P0605.029-025-ZP	2.9	25	5.5	1.7	0.9	PH-1
P0605.029-032-ZP	2.9	32	5.5	1.7	0.9	PH-1
P0605.029-038-ZP	2.9	38	5.5	1.7	0.9	PH-1
P0605.035-006-ZP	3.5	6.5	6.8	2.1	1.2	PH-2
P0605.035-009-ZP	3.5	9.5	6.8	2.1	1.2	PH-2
P0605.035-013-ZP	3.5	13	6.8	2.1	1.2	PH-2
P0605.035-016-ZP	3.5	16	6.8	2.1	1.2	PH-2
P0605.035-019-ZP	3.5	19	6.8	2.1	1.2	PH-2
P0605.035-022-ZP	3.5	22	6.8	2.1	1.2	PH-2
P0605.035-025-ZP	3.5	25	6.8	2.1	1.2	PH-2
P0605.035-032-ZP	3.5	32	6.8	2.1	1.2	PH-2
P0605.035-038-ZP	3.5	38	6.8	2.1	1.2	PH-2
P0605.035-045-ZP	3.5	45	6.8	2.1	1.2	PH-2
P0605.035-050-ZP	3.5	50	6.8	2.1	1.2	PH-2
P0605.039-006-ZP	3.9	6.5	7.5	2.3	1.3	PH-2
P0605.039-009-ZP	3.9	9.5	7.5	2.3	1.3	PH-2
P0605.039-013-ZP	3.9	13	7.5	2.3	1.3	PH-2
P0605.039-016-ZP	3.9	16	7.5	2.3	1.3	PH-2
P0605.039-019-ZP	3.9	19	7.5	2.3	1.3	PH-2
P0605.039-022-ZP	3.9	22	7.5	2.3	1.3	PH-2
P0605.039-025-ZP	3.9	25	7.5	2.3	1.3	PH-2



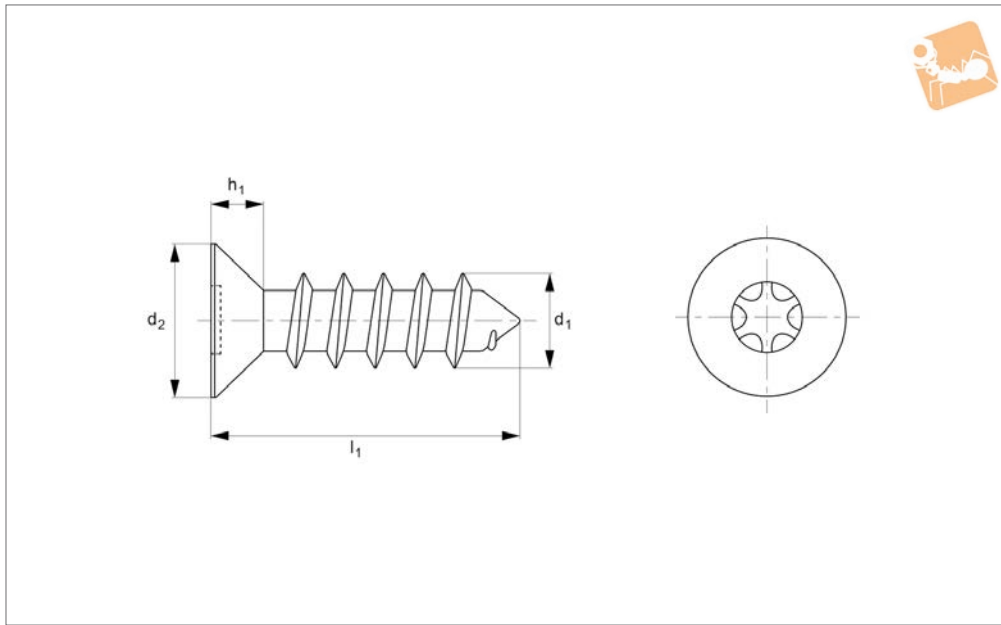
SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0605.039-032-ZP	3.9	32	7.5	2.3	1.3	PH-2
P0605.039-038-ZP	3.9	38	7.5	2.3	1.3	PH-2
P0605.039-045-ZP	3.9	45	7.5	2.3	1.3	PH-2
P0605.039-050-ZP	3.9	50	7.5	2.3	1.3	PH-2
P0605.039-060-ZP	3.9	60	7.5	2.3	1.3	PH-2
P0605.039-070-ZP	3.9	70	7.5	2.3	1.3	PH-2
P0605.042-009-ZP	4.2	9.5	8.1	2.5	1.4	PH-2
P0605.042-013-ZP	4.2	13	8.1	2.5	1.4	PH-2
P0605.042-016-ZP	4.2	16	8.1	2.5	1.4	PH-2
P0605.042-019-ZP	4.2	19	8.1	2.5	1.4	PH-2
P0605.042-022-ZP	4.2	22	8.1	2.5	1.4	PH-2
P0605.042-025-ZP	4.2	25	8.1	2.5	1.4	PH-2
P0605.042-032-ZP	4.2	32	8.1	2.5	1.4	PH-2
P0605.042-038-ZP	4.2	38	8.1	2.5	1.4	PH-2
P0605.042-045-ZP	4.2	45	8.1	2.5	1.4	PH-2
P0605.042-050-ZP	4.2	50	8.1	2.5	1.4	PH-2
P0605.042-060-ZP	4.2	60	8.1	2.5	1.4	PH-2
P0605.042-070-ZP	4.2	70	8.1	2.5	1.4	PH-2
P0605.042-080-ZP	4.2	80	8.1	2.5	1.4	PH-2
P0605.048-009-ZP	4.8	9.5	9.5	3.0	1.5	PH-2
P0605.048-013-ZP	4.8	13	9.5	3.0	1.5	PH-2
P0605.048-016-ZP	4.8	16	9.5	3.0	1.5	PH-2
P0605.048-019-ZP	4.8	19	9.5	3.0	1.5	PH-2
P0605.048-022-ZP	4.8	22	9.5	3.0	1.5	PH-2
P0605.048-025-ZP	4.8	25	9.5	3.0	1.5	PH-2
P0605.048-032-ZP	4.8	32	9.5	3.0	1.5	PH-2
P0605.048-038-ZP	4.8	38	9.5	3.0	1.5	PH-2
P0605.048-045-ZP	4.8	45	9.5	3.0	1.5	PH-2
P0605.048-050-ZP	4.8	50	9.5	3.0	1.5	PH-2
P0605.048-600-ZP	4.8	60	9.5	3.0	1.5	PH-2
P0605.048-070-ZP	4.8	70	9.5	3.0	1.5	PH-2
P0605.048-080-ZP	4.8	80	9.5	3.0	1.5	PH-2
P0605.048-090-ZP	4.8	90	9.5	3.0	1.5	PH-2
P0605.048-100-ZP	4.8	100	9.5	3.0	1.5	PH-2
P0605.055-009-ZP	5.5	9.5	10.8	3.4	1.7	PH-3
P0605.055-013-ZP	5.5	13	10.8	3.4	1.7	PH-3
P0605.055-016-ZP	5.5	16	10.8	3.4	1.7	PH-3
P0605.055-019-ZP	5.5	19	10.8	3.4	1.7	PH-3
P0605.055-022-ZP	5.5	22	10.8	3.4	1.7	PH-3
P0605.055-025-ZP	5.5	25	10.8	3.4	1.7	PH-3
P0605.055-032-ZP	5.5	32	10.8	3.4	1.7	PH-3
P0605.055-038-ZP	5.5	38	10.8	3.4	1.7	PH-3
P0605.055-045-ZP	5.5	45	10.8	3.4	1.7	PH-3
P0605.055-050-ZP	5.5	50	10.8	3.4	1.7	PH-3
P0605.055-060-ZP	5.5	60	10.8	3.4	1.7	PH-3
P0605.055-070-ZP	5.5	70	10.8	3.4	1.7	PH-3
P0605.055-080-ZP	5.5	80	10.8	3.4	1.7	PH-3
P0605.055-090-ZP	5.5	90	10.8	3.4	1.7	PH-3
P0605.055-100-ZP	5.5	100	10.8	3.4	1.7	PH-3
P0605.063-013-ZP	6.3	13	12.4	3.8	2.0	PH-3
P0605.063-016-ZP	6.3	16	12.4	3.8	2.0	PH-3
P0605.063-019-ZP	6.3	19	12.4	3.8	2.0	PH-3
P0605.063-022-ZP	6.3	22	12.4	3.8	2.0	PH-3
P0605.063-025-ZP	6.3	25	12.4	3.8	2.0	PH-3
P0605.063-032-ZP	6.3	32	12.4	3.8	2.0	PH-3
P0605.063-038-ZP	6.3	38	12.4	3.8	2.0	PH-3
P0605.063-045-ZP	6.3	45	12.4	3.8	2.0	PH-3
P0605.063-050-ZP	6.3	50	12.4	3.8	2.0	PH-3
P0605.063-060-ZP	6.3	60	12.4	3.8	2.0	PH-3
P0605.063-070-ZP	6.3	70	12.4	3.8	2.0	PH-3
P0605.063-080-ZP	6.3	80	12.4	3.8	2.0	PH-3
P0605.063-090-ZP	6.3	90	12.4	3.8	2.0	PH-3
P0605.063-100-ZP	6.3	100	12.4	3.8	2.0	PH-3



Countersunk TX AB Tappers

TX AB - steel, zinc-plated



P0607.ZP

SELF TAPPERS

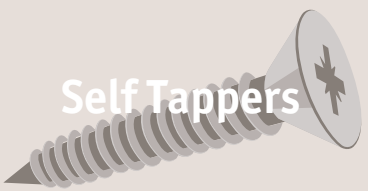
Material

Steel, zinc-plated.

Technical Notes

To DIN 7982C-TX.

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0607.029-009-ZP	2.9	9.5	5.5	1.7	TX-10
P0607.029-013-ZP	2.9	13	5.5	1.7	TX-10
P0607.029-016-ZP	2.9	16	5.5	1.7	TX-10
P0607.029-019-ZP	2.9	19	5.5	1.7	TX-10
P0607.029-022-ZP	2.9	22	5.5	1.7	TX-10
P0607.029-025-ZP	2.9	25	5.5	1.7	TX-10
P0607.035-009-ZP	3.5	9.5	6.8	2.1	TX-15
P0607.035-013-ZP	3.5	13	6.8	2.1	TX-15
P0607.035-016-ZP	3.5	16	6.8	2.1	TX-15
P0607.035-019-ZP	3.5	19	6.8	2.1	TX-15
P0607.035-022-ZP	3.5	22	6.8	2.1	TX-15
P0607.035-025-ZP	3.5	25	6.8	2.1	TX-15
P0607.035-032-ZP	3.5	32	6.8	2.1	TX-15
P0607.035-038-ZP	3.5	38	6.8	2.1	TX-15
P0607.035-045-ZP	3.5	45	6.8	2.1	TX-15
P0607.035-050-ZP	3.5	50	6.8	2.1	TX-15
P0607.039-009-ZP	3.9	9.5	7.5	2.3	TX-15
P0607.039-013-ZP	3.9	13	7.5	2.3	TX-15
P0607.039-016-ZP	3.9	16	7.5	2.3	TX-15
P0607.039-019-ZP	3.9	19	7.5	2.3	TX-15
P0607.039-022-ZP	3.9	22	7.5	2.3	TX-15
P0607.039-025-ZP	3.9	25	7.5	2.3	TX-15
P0607.039-032-ZP	3.9	32	7.5	2.3	TX-15
P0607.039-038-ZP	3.9	38	7.5	2.3	TX-15
P0607.039-045-ZP	3.9	45	7.5	2.3	TX-15
P0607.039-050-ZP	3.9	50	7.5	2.3	TX-15
P0607.039-060-ZP	3.9	60	7.5	2.3	TX-15
P0607.042-009-ZP	4.2	9.5	8.1	2.5	TX-20
P0607.042-013-ZP	4.2	13	8.1	2.5	TX-20
P0607.042-016-ZP	4.2	16	8.1	2.5	TX-20
P0607.042-019-ZP	4.2	19	8.1	2.5	TX-20
P0607.042-022-ZP	4.2	22	8.1	2.5	TX-20
P0607.042-025-ZP	4.2	25	8.1	2.5	TX-20
P0607.042-032-ZP	4.2	32	8.1	2.5	TX-20
P0607.042-038-ZP	4.2	38	8.1	2.5	TX-20



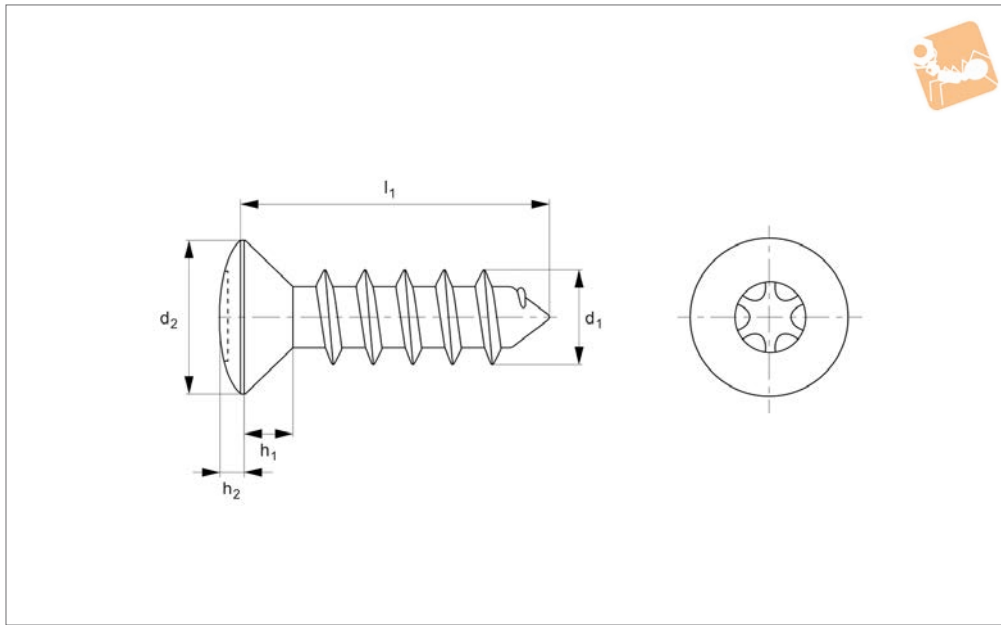
SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0607.042-045-ZP	4.2	45	8.1	2.5	TX-20
P0607.042-050-ZP	4.2	50	8.1	2.5	TX-20
P0607.042-060-ZP	4.2	60	8.1	2.5	TX-20
P0607.048-013-ZP	4.8	13	9.5	3.0	TX-25
P0607.048-016-ZP	4.8	16	9.5	3.0	TX-25
P0607.048-019-ZP	4.8	19	9.5	3.0	TX-25
P0607.048-022-ZP	4.8	22	9.5	3.0	TX-25
P0607.048-025-ZP	4.8	25	9.5	3.0	TX-25
P0607.048-032-ZP	4.8	32	9.5	3.0	TX-25
P0607.048-038-ZP	4.8	38	9.5	3.0	TX-25
P0607.048-045-ZP	4.8	45	9.5	3.0	TX-25
P0607.048-050-ZP	4.8	50	9.5	3.0	TX-25
P0607.048-060-ZP	4.8	60	9.5	3.0	TX-25
P0607.055-013-ZP	5.5	13	10.8	3.4	TX-25
P0607.055-016-ZP	5.5	16	10.8	3.4	TX-25
P0607.055-019-ZP	5.5	19	10.8	3.4	TX-25
P0607.055-022-ZP	5.5	22	10.8	3.4	TX-25
P0607.055-025-ZP	5.5	25	10.8	3.4	TX-25
P0607.055-032-ZP	5.5	32	10.8	3.4	TX-25
P0607.055-038-ZP	5.5	38	10.8	3.4	TX-25
P0607.055-045-ZP	5.5	45	10.8	3.4	TX-25
P0607.055-050-ZP	5.5	50	10.8	3.4	TX-25
P0607.055-060-ZP	5.5	60	10.8	3.4	TX-25
P0607.063-013-ZP	6.3	13	12.4	3.8	TX-30
P0607.063-016-ZP	6.3	16	12.4	3.8	TX-30
P0607.063-019-ZP	6.3	19	12.4	3.8	TX-30
P0607.063-022-ZP	6.3	22	12.4	3.8	TX-30
P0607.063-025-ZP	6.3	25	12.4	3.8	TX-30
P0607.063-032-ZP	6.3	32	12.4	3.8	TX-30
P0607.063-038-ZP	6.3	38	12.4	3.8	TX-30
P0607.063-045-ZP	6.3	45	12.4	3.8	TX-30
P0607.063-050-ZP	6.3	50	12.4	3.8	TX-30
P0607.063-060-ZP	6.3	60	12.4	3.8	TX-30



Raised C'sunk TX AB Tappers

Raised TX AB - steel, zinc-plated



P0608.ZP

SELF TAPPERS

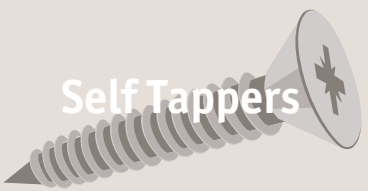
Material

Steel, zinc-plated.

Technical Notes

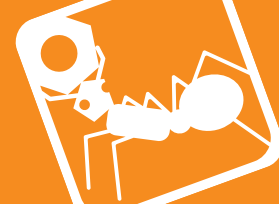
To DIN 7983C-TX.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0608.035-013-ZP	3.5	13	6.8	2.1	1.2	TX-15
P0608.035-016-ZP	3.5	16	6.8	2.1	1.2	TX-15
P0608.035-019-ZP	3.5	19	6.8	2.1	1.2	TX-15
P0608.035-022-ZP	3.5	22	6.8	2.1	1.2	TX-15
P0608.035-025-ZP	3.5	25	6.8	2.1	1.2	TX-15
P0608.035-032-ZP	3.5	32	6.8	2.1	1.2	TX-15
P0608.035-038-ZP	3.5	38	6.8	2.1	1.2	TX-15
P0608.039-013-ZP	3.9	13	7.5	2.3	1.3	TX-15
P0608.039-016-ZP	3.9	16	7.5	2.3	1.3	TX-15
P0608.039-019-ZP	3.9	19	7.5	2.3	1.3	TX-15
P0608.039-022-ZP	3.9	22	7.5	2.3	1.3	TX-15
P0608.039-025-ZP	3.9	25	7.5	2.3	1.3	TX-15
P0608.039-032-ZP	3.9	32	7.5	2.3	1.3	TX-15
P0608.039-038-ZP	3.9	38	7.5	2.3	1.3	TX-15
P0608.039-045-ZP	3.9	45	7.5	2.3	1.3	TX-15
P0608.039-050-ZP	3.9	50	7.5	2.3	1.3	TX-15
P0608.042-013-ZP	4.2	13	8.1	2.5	1.4	TX-20
P0608.042-016-ZP	4.2	16	8.1	2.5	1.4	TX-20
P0608.042-019-ZP	4.2	19	8.1	2.5	1.4	TX-20
P0608.042-022-ZP	4.2	22	8.1	2.5	1.4	TX-20
P0608.042-025-ZP	4.2	25	8.1	2.5	1.4	TX-20
P0608.042-032-ZP	4.2	32	8.1	2.5	1.4	TX-20
P0608.042-038-ZP	4.2	38	8.1	2.5	1.4	TX-20
P0608.042-045-ZP	4.2	45	8.1	2.5	1.4	TX-20
P0608.042-050-ZP	4.2	50	8.1	2.5	1.4	TX-20
P0608.042-060-ZP	4.2	60	8.1	2.5	1.4	TX-20
P0608.048-013-ZP	4.8	13	9.5	3.0	1.5	TX-20
P0608.048-016-ZP	4.8	16	9.5	3.0	1.5	TX-20
P0608.048-019-ZP	4.8	19	9.5	3.0	1.5	TX-20
P0608.048-022-ZP	4.8	22	9.5	3.0	1.5	TX-20
P0608.048-025-ZP	4.8	25	9.5	3.0	1.5	TX-20
P0608.048-032-ZP	4.8	32	9.5	3.0	1.5	TX-20
P0608.048-038-ZP	4.8	38	9.5	3.0	1.5	TX-20
P0608.048-045-ZP	4.8	45	9.5	3.0	1.5	TX-20
P0608.048-050-ZP	4.8	50	9.5	3.0	1.5	TX-20



Raised C'sunk TX AB Tappers

Raised TX AB - steel, zinc-plated



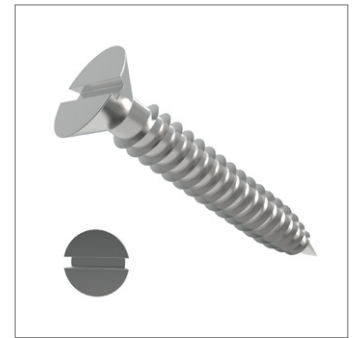
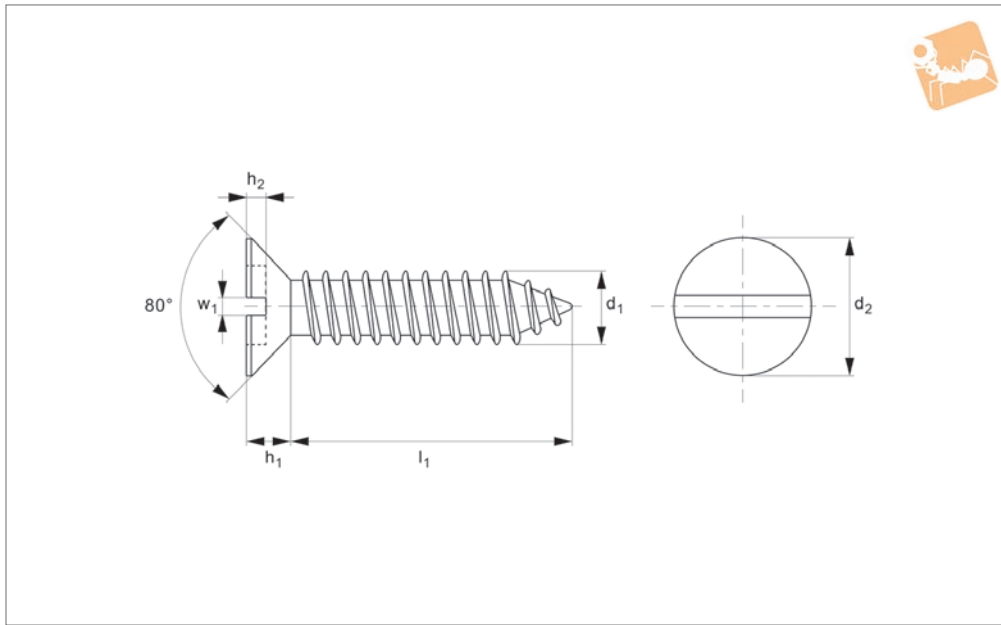
SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	Size
P0608.048-060-ZP	4.8	60	9.5	3.0	1.5	TX-20
P0608.055-013-ZP	5.5	13	10.8	3.4	1.7	TX-25
P0608.055-016-ZP	5.5	16	10.8	3.4	1.7	TX-25
P0608.055-019-ZP	5.5	19	10.8	3.4	1.7	TX-25
P0608.055-022-ZP	5.5	22	10.8	3.4	1.7	TX-25
P0608.055-025-ZP	5.5	25	10.8	3.4	1.7	TX-25
P0608.055-032-ZP	5.5	32	10.8	3.4	1.7	TX-25
P0608.055-038-ZP	5.5	38	10.8	3.4	1.7	TX-25
P0608.055-050-ZP	5.5	50	10.8	3.4	1.7	TX-25
P0608.055-060-ZP	5.5	60	10.8	3.4	1.7	TX-25
P0608.063-025-ZP	6.3	25	12.4	3.8	2.0	TX-30
P0608.063-032-ZP	6.3	32	12.4	3.8	2.0	TX-30
P0608.063-038-ZP	6.3	38	12.4	3.8	2.0	TX-30
P0608.063-045-ZP	6.3	45	12.4	3.8	2.0	TX-30
P0608.063-050-ZP	6.3	50	12.4	3.8	2.0	TX-30
P0608.063-060-ZP	6.3	60	12.4	3.8	2.0	TX-30



C'sunk Slot AB Tappers

Slot AB - steel, zinc-plated



P0610.ZP

SELF TAPPERS

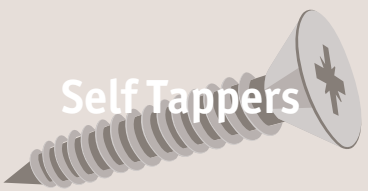
Material

Steel, zinc-plated.

Technical Notes

To DIN 7972C, ISO 1482 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂ max.	w ₁
P0610.022-006-ZP	2.2	6.5	4.3	1.3	0.60	0.6
P0610.022-009-ZP	2.2	9.5	4.3	1.3	0.60	0.6
P0610.022-013-ZP	2.2	13.0	4.3	1.3	0.60	0.6
P0610.022-016-ZP	2.2	16.0	4.3	1.3	0.60	0.6
P0610.022-019-ZP	2.2	19.0	4.3	1.3	0.60	0.6
P0610.022-022-ZP	2.2	22.0	4.3	1.3	0.60	0.6
P0610.022-025-ZP	2.2	25.0	4.3	1.3	0.60	0.6
P0610.029-006-ZP	2.9	6.5	5.5	1.7	0.75	0.8
P0610.029-009-ZP	2.9	9.5	5.5	1.7	0.75	0.8
P0610.029-013-ZP	2.9	13.0	5.5	1.7	0.75	0.8
P0610.029-016-ZP	2.9	16.0	5.5	1.7	0.75	0.8
P0610.029-019-ZP	2.9	19.0	5.5	1.7	0.75	0.8
P0610.029-022-ZP	2.9	22.0	5.5	1.7	0.75	0.8
P0610.029-025-ZP	2.9	25.0	5.5	1.7	0.75	0.8
P0610.035-009-ZP	3.5	9.5	6.8	2.1	0.95	1.0
P0610.035-013-ZP	3.5	13.0	6.8	2.1	0.95	1.0
P0610.035-016-ZP	3.5	16.0	6.8	2.1	0.95	1.0
P0610.035-019-ZP	3.5	19.0	6.8	2.1	0.95	1.0
P0610.035-022-ZP	3.5	22.0	6.8	2.1	0.95	1.0
P0610.035-025-ZP	3.5	25.0	6.8	2.1	0.95	1.0
P0610.035-032-ZP	3.5	32.0	6.8	2.1	0.95	1.0
P0610.035-038-ZP	3.5	38.0	6.8	2.1	0.95	1.0
P0610.039-009-ZP	3.9	9.5	7.5	2.3	1.05	1.0
P0610.039-013-ZP	3.9	13.0	7.5	2.3	1.05	1.0
P0610.039-016-ZP	3.9	16.0	7.5	2.3	1.05	1.0
P0610.039-019-ZP	3.9	19.0	7.5	2.3	1.05	1.0
P0610.039-022-ZP	3.9	22.0	7.5	2.3	1.05	1.0
P0610.039-025-ZP	3.9	25.0	7.5	2.3	1.05	1.0
P0610.039-032-ZP	3.9	32.0	7.5	2.3	1.05	1.0
P0610.039-038-ZP	3.9	38.0	7.5	2.3	1.05	1.0
P0610.039-045-ZP	3.9	45.0	7.5	2.3	1.05	1.0
P0610.042-009-ZP	4.2	9.5	8.1	2.5	1.15	1.2
P0610.042-013-ZP	4.2	13.0	8.1	2.5	1.15	1.2
P0610.042-016-ZP	4.2	16.0	8.1	2.5	1.15	1.2



C'sunk Slot AB Tappers

Slot AB - steel, zinc-plated



SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂ max.	w ₁
P0610.042-019-ZP	4.2	19.0	8.1	2.5	1.15	1.2
P0610.042-022-ZP	4.2	22.0	8.1	2.5	1.15	1.2
P0610.042-025-ZP	4.2	25.0	8.1	2.5	1.15	1.2
P0610.042-032-ZP	4.2	32.0	8.1	2.5	1.15	1.2
P0610.042-038-ZP	4.2	38.0	8.1	2.5	1.15	1.2
P0610.042-045-ZP	4.2	45.0	8.1	2.5	1.15	1.2
P0610.048-016-ZP	4.8	16.0	9.5	3.0	1.35	1.2
P0610.048-034-ZP	4.8	19.0	9.5	3.0	1.35	1.2
P0610.048-022-ZP	4.8	22.0	9.5	3.0	1.35	1.2
P0610.048-025-ZP	4.8	25.0	9.5	3.0	1.35	1.2
P0610.048-032-ZP	4.8	32.0	9.5	3.0	1.35	1.2
P0610.048-038-ZP	4.8	38.0	9.5	3.0	1.35	1.2
P0610.048-045-ZP	4.8	45.0	9.5	3.0	1.35	1.2
P0610.048-050-ZP	4.8	50.0	9.5	3.0	1.35	1.2
P0610.048-060-ZP	4.8	60.0	9.5	3.0	1.35	1.2
P0610.048-070-ZP	4.8	70.0	9.5	3.0	1.35	1.2
P0610.055-016-ZP	5.5	16.0	10.8	3.4	1.50	1.6
P0610.055-019-ZP	5.5	19.0	10.8	3.4	1.50	1.6
P0610.055-025-ZP	5.5	25.0	10.8	3.4	1.50	1.6
P0610.055-032-ZP	5.5	32.0	10.8	3.4	1.50	1.6
P0610.055-038-ZP	5.5	38.0	10.8	3.4	1.50	1.6
P0610.055-045-ZP	5.5	45.0	10.8	3.4	1.50	1.6
P0610.055-050-ZP	5.5	50.0	10.8	3.4	1.50	1.6
P0610.055-060-ZP	5.5	60.0	10.8	3.4	1.50	1.6
P0610.055-070-ZP	5.5	70.0	10.8	3.4	1.50	1.6
P0610.063-025-ZP	6.3	25.0	12.4	3.8	1.75	1.6
P0610.063-032-ZP	6.3	32.0	12.4	3.8	1.75	1.6
P0610.063-038-ZP	6.3	38.0	12.4	3.8	1.75	1.6
P0610.063-045-ZP	6.3	45.0	12.4	3.8	1.75	1.6
P0610.063-050-ZP	6.3	50.0	12.4	3.8	1.75	1.6
P0610.063-060-ZP	6.3	60.0	12.4	3.8	1.75	1.6
P0610.063-070-ZP	6.3	70.0	12.4	3.8	1.75	1.6

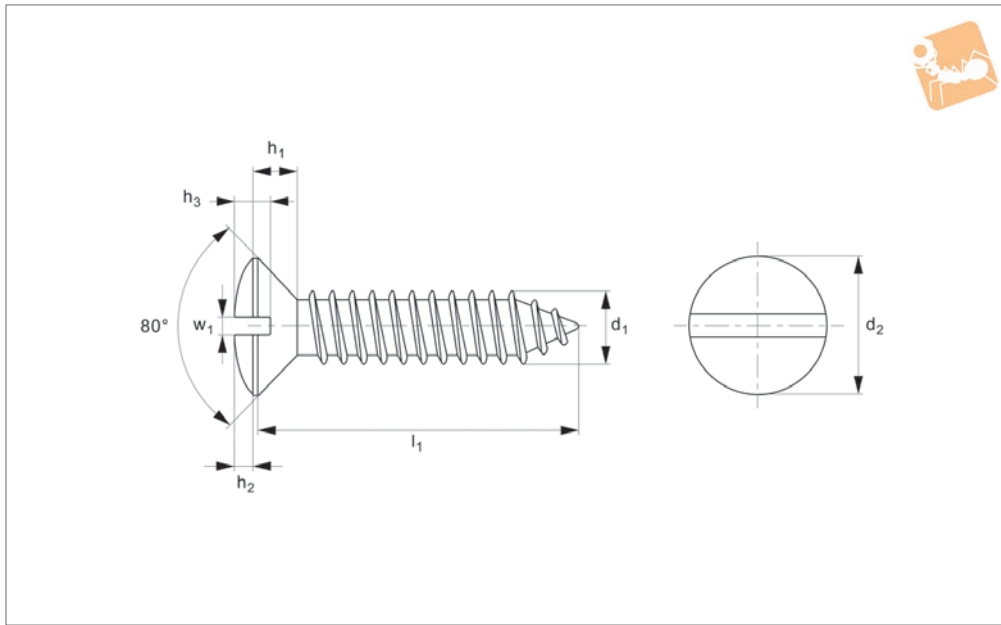


Raised C'sk Slot AB Tappers

Raised Slot AB - steel, zinc-plated



Self Tappers



P0611.ZP

SELF TAPPERS

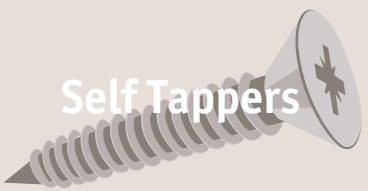
Material

Steel, zinc-plated.

Technical Notes

To DIN 7973C, ISO 1483 type C.

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	h ₃ max.	w ₁
P0611.022-006-ZP	2.2	6.5	4.3	1.3	0.7	1.15	0.6
P0611.022-009-ZP	2.2	9.5	4.3	1.3	0.7	1.15	0.6
P0611.022-013-ZP	2.2	13.0	4.3	1.3	0.7	1.15	0.6
P0611.022-016-ZP	2.2	16.0	4.3	1.3	0.7	1.15	0.6
P0611.022-019-ZP	2.2	19.0	4.3	1.3	0.7	1.15	0.6
P0611.022-022-ZP	2.2	22.0	4.3	1.3	0.7	1.15	0.6
P0611.022-025-ZP	2.2	25.0	4.3	1.3	0.7	1.15	0.6
P0611.029-006-ZP	2.9	6.5	5.5	1.7	0.9	1.50	0.8
P0611.029-009-ZP	2.9	9.5	5.5	1.7	0.9	1.50	0.8
P0611.029-013-ZP	2.9	13.0	5.5	1.7	0.9	1.50	0.8
P0611.029-016-ZP	2.9	16.0	5.5	1.7	0.9	1.50	0.8
P0611.029-019-ZP	2.9	19.0	5.5	1.7	0.9	1.50	0.8
P0611.029-022-ZP	2.9	22.0	5.5	1.7	0.9	1.50	0.8
P0611.029-025-ZP	2.9	25.0	5.5	1.7	0.9	1.50	0.8
P0611.029-032-ZP	2.9	32.0	5.5	1.7	0.9	1.50	0.8
P0611.035-009-ZP	3.5	9.5	6.8	2.1	1.2	1.90	1.0
P0611.035-013-ZP	3.5	13.0	6.8	2.1	1.2	1.90	1.0
P0611.035-016-ZP	3.5	16.0	6.8	2.1	1.2	1.90	1.0
P0611.035-019-ZP	3.5	19.0	6.8	2.1	1.2	1.90	1.0
P0611.035-022-ZP	3.5	22.0	6.8	2.1	1.2	1.90	1.0
P0611.035-025-ZP	3.5	25.0	6.8	2.1	1.2	1.90	1.0
P0611.035-032-ZP	3.5	32.0	6.8	2.1	1.2	1.90	1.0
P0611.035-038-ZP	3.5	38.0	6.8	2.1	1.2	1.90	1.0
P0611.035-045-ZP	3.5	45.0	6.8	2.1	1.2	1.90	1.0
P0611.039-009-ZP	3.9	9.5	7.5	2.3	1.3	2.05	1.0
P0611.039-013-ZP	3.9	13.0	7.5	2.3	1.3	2.05	1.0
P0611.039-016-ZP	3.9	16.0	7.5	2.3	1.3	2.05	1.0
P0611.039-019-ZP	3.9	19.0	7.5	2.3	1.3	2.05	1.0
P0611.039-022-ZP	3.9	22.0	7.5	2.3	1.3	2.05	1.0
P0611.039-025-ZP	3.9	25.0	7.5	2.3	1.3	2.05	1.0
P0611.039-032-ZP	3.9	32.0	7.5	2.3	1.3	2.05	1.0
P0611.039-038-ZP	3.9	38.0	7.5	2.3	1.3	2.05	1.0
P0611.039-045-ZP	3.9	45.0	7.5	2.3	1.3	2.05	1.0
P0611.042-009-ZP	4.2	9.5	8.1	2.5	1.4	2.25	1.2



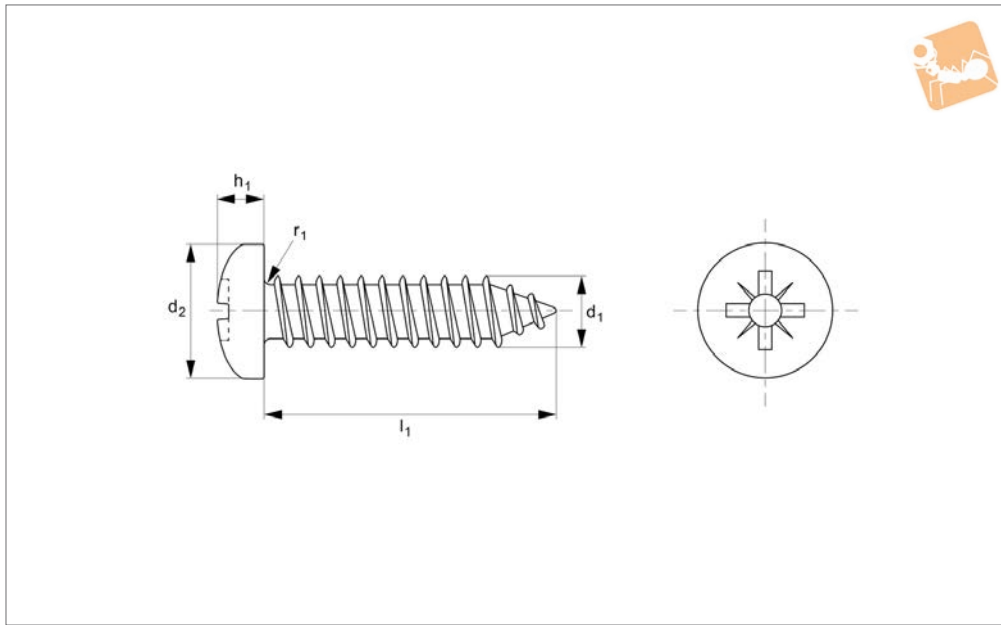
SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁	h ₂	h ₃ max.	w ₁
P0611.042-013-ZP	4.2	13.0	8.1	2.5	1.4	2.25	1.2
P0611.042-016-ZP	4.2	16.0	8.1	2.5	1.4	2.25	1.2
P0611.042-019-ZP	4.2	19.0	8.1	2.5	1.4	2.25	1.2
P0611.042-022-ZP	4.2	22.0	8.1	2.5	1.4	2.25	1.2
P0611.042-025-ZP	4.2	25.0	8.1	2.5	1.4	2.25	1.2
P0611.042-032-ZP	4.2	32.0	8.1	2.5	1.4	2.25	1.2
P0611.042-038-ZP	4.2	38.0	8.1	2.5	1.4	2.25	1.2
P0611.042-045-ZP	4.2	45.0	8.1	2.5	1.4	2.25	1.2
P0611.048-009-ZP	4.8	9.5	9.5	3.0	1.5	2.60	1.2
P0611.048-013-ZP	4.8	13.0	9.5	3.0	1.5	2.60	1.2
P0611.048-016-ZP	4.8	16.0	9.5	3.0	1.5	2.60	1.2
P0611.048-019-ZP	4.8	19.0	9.5	3.0	1.5	2.60	1.2
P0611.048-022-ZP	4.8	22.0	9.5	3.0	1.5	2.60	1.2
P0611.048-025-ZP	4.8	25.0	9.5	3.0	1.5	2.60	1.2
P0611.048-032-ZP	4.8	32.0	9.5	3.0	1.5	2.60	1.2
P0611.048-038-ZP	4.8	38.0	9.5	3.0	1.5	2.60	1.2
P0611.048-045-ZP	4.8	45.0	9.5	3.0	1.5	2.60	1.2
P0611.048-050-ZP	4.8	50.0	9.5	3.0	1.5	2.60	1.2
P0611.048-060-ZP	4.8	60.0	9.5	3.0	1.5	2.60	1.2
P0611.055-009-ZP	5.5	9.5	10.8	3.4	1.7	2.95	1.6
P0611.055-013-ZP	5.5	13.0	10.8	3.4	1.7	2.95	1.6
P0611.055-016-ZP	5.5	16.0	10.8	3.4	1.7	2.95	1.6
P0611.055-019-ZP	5.5	19.0	10.8	3.4	1.7	2.95	1.6
P0611.055-022-ZP	5.5	22.0	10.8	3.4	1.7	2.95	1.6
P0611.055-025-ZP	5.5	25.0	10.8	3.4	1.7	2.95	1.6
P0611.055-032-ZP	5.5	32.0	10.8	3.4	1.7	2.95	1.6
P0611.055-038-ZP	5.5	38.0	10.8	3.4	1.7	2.95	1.6
P0611.055-045-ZP	5.5	45.0	10.8	3.4	1.7	2.95	1.6
P0611.055-050-ZP	5.5	50.0	10.8	3.4	1.7	2.95	1.6
P0611.055-060-ZP	5.5	60.0	10.8	3.4	1.7	2.95	1.6
P0611.063-009-ZP	6.3	9.5	12.4	3.8	2.0	2.95	1.6
P0611.063-013-ZP	6.3	13.0	12.4	3.8	2.0	2.95	1.6
P0611.063-016-ZP	6.3	16.0	12.4	3.8	2.0	2.95	1.6
P0611.063-019-ZP	6.3	19.0	12.4	3.8	2.0	2.95	1.6
P0611.063-022-ZP	6.3	22.0	12.4	3.8	2.0	2.95	1.6
P0611.063-025-ZP	6.3	25.0	12.4	3.8	2.0	2.95	1.6
P0611.063-032-ZP	6.3	32.0	12.4	3.8	2.0	2.95	1.6
P0611.063-038-ZP	6.3	38.0	12.4	3.8	2.0	2.95	1.6
P0611.063-045-ZP	6.3	45.0	12.4	3.8	2.0	2.95	1.6
P0611.063-050-ZP	6.3	50.0	12.4	3.8	2.0	2.95	1.6
P0611.063-060-ZP	6.3	60.0	12.4	3.8	2.0	2.95	1.6



Pan Head Pozi AB Tappers

Pozi AB - steel, zinc-plated



P0620.ZP

SELF TAPPERS

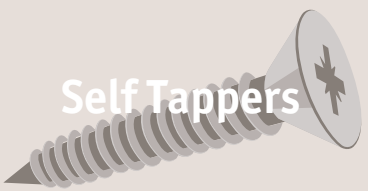
Material

Steel, zinc-plated (also available zinc-plated black passivated).

Technical Notes

To DIN 7981C-Z, ISO 7049 type C.

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0620.022-006-ZP	2.2	6.5	4.2	1.8	PZ-1
P0620.022-009-ZP	2.2	9.5	4.2	1.8	PZ-1
P0620.022-013-ZP	2.2	13.0	4.2	1.8	PZ-1
P0620.022-016-ZP	2.2	16.0	4.2	1.8	PZ-1
P0620.022-019-ZP	2.2	19.0	4.2	1.8	PZ-1
P0620.022-022-ZP	2.2	22.0	4.2	1.8	PZ-1
P0620.022-025-ZP	2.2	25.0	4.2	1.8	PZ-1
P0620.022-032-ZP	2.2	32.0	4.2	1.8	PZ-1
P0620.029-006-ZP	2.9	6.5	5.6	2.2	PZ-1
P0620.029-009-ZP	2.9	9.5	5.6	2.2	PZ-1
P0620.029-013-ZP	2.9	13.0	5.6	2.2	PZ-1
P0620.029-016-ZP	2.9	16.0	5.6	2.2	PZ-1
P0620.029-019-ZP	2.9	19.0	5.6	2.2	PZ-1
P0620.029-022-ZP	2.9	22.0	5.6	2.2	PZ-1
P0620.029-025-ZP	2.9	25.0	5.6	2.2	PZ-1
P0620.029-032-ZP	2.9	32.0	5.6	2.2	PZ-1
P0620.029-038-ZP	2.9	38.0	5.6	2.2	PZ-1
P0620.035-006-ZP	3.5	6.5	6.9	2.6	PZ-2
P0620.035-009-ZP	3.5	9.5	6.9	2.6	PZ-2
P0620.035-013-ZP	3.5	13.0	6.9	2.6	PZ-2
P0620.035-016-ZP	3.5	16.0	6.9	2.6	PZ-2
P0620.035-019-ZP	3.5	19.0	6.9	2.6	PZ-2
P0620.035-022-ZP	3.5	22.0	6.9	2.6	PZ-2
P0620.035-025-ZP	3.5	25.0	6.9	2.6	PZ-2
P0620.035-032-ZP	3.5	32.0	6.9	2.6	PZ-2
P0620.035-038-ZP	3.5	38.0	6.9	2.6	PZ-2
P0620.035-045-ZP	3.5	45.0	6.9	2.6	PZ-2
P0620.035-050-ZP	3.5	50.0	6.9	2.6	PZ-2
P0620.035-060-ZP	3.5	60.0	6.9	2.6	PZ-2
P0620.039-006-ZP	3.9	6.5	7.5	2.8	PZ-2
P0620.039-009-ZP	3.9	9.5	7.5	2.8	PZ-2
P0620.039-013-ZP	3.9	13.0	7.5	2.8	PZ-2
P0620.039-016-ZP	3.9	16.0	7.5	2.8	PZ-2
P0620.039-019-ZP	3.9	19.0	7.5	2.8	PZ-2



SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0620.039-022-ZP	3.9	22.0	7.5	2.8	PZ-2
P0620.039-025-ZP	3.9	25.0	7.5	2.8	PZ-2
P0620.039-032-ZP	3.9	32.0	7.5	2.8	PZ-2
P0620.039-038-ZP	3.9	38.0	7.5	2.8	PZ-2
P0620.039-045-ZP	3.9	45.0	7.5	2.8	PZ-2
P0620.039-050-ZP	3.9	50.0	7.5	2.8	PZ-2
P0620.039-060-ZP	3.9	60.0	7.5	2.8	PZ-2
P0620.039-070-ZP	3.9	70.0	7.5	2.8	PZ-2
P0620.039-080-ZP	3.9	80.0	7.5	2.8	PZ-2
P0620.042-006-ZP	4.2	6.5	8.2	3.05	PZ-2
P0620.042-009-ZP	4.2	9.5	8.2	3.05	PZ-2
P0620.042-013-ZP	4.2	13.0	8.2	3.05	PZ-2
P0620.042-016-ZP	4.2	16.0	8.2	3.05	PZ-2
P0620.042-019-ZP	4.2	19.0	8.2	3.05	PZ-2
P0620.042-022-ZP	4.2	22.0	8.2	3.05	PZ-2
P0620.042-025-ZP	4.2	25.0	8.2	3.05	PZ-2
P0620.042-032-ZP	4.2	32.0	8.2	3.05	PZ-2
P0620.042-038-ZP	4.2	38.0	8.2	3.05	PZ-2
P0620.042-045-ZP	4.2	45.0	8.2	3.05	PZ-2
P0620.042-050-ZP	4.2	50.0	8.2	3.05	PZ-2
P0620.042-060-ZP	4.2	60.0	8.2	3.05	PZ-2
P0620.042-070-ZP	4.2	70.0	8.2	3.05	PZ-2
P0620.042-080-ZP	4.2	80.0	8.2	3.05	PZ-2
P0620.048-006-ZP	4.8	6.5	9.5	3.55	PZ-2
P0620.048-009-ZP	4.8	9.5	9.5	3.55	PZ-2
P0620.048-013-ZP	4.8	13.0	9.5	3.55	PZ-2
P0620.048-016-ZP	4.8	16.0	9.5	3.55	PZ-2
P0620.048-019-ZP	4.8	19.0	9.5	3.55	PZ-2
P0620.048-022-ZP	4.8	22.0	9.5	3.55	PZ-2
P0620.048-025-ZP	4.8	25.0	9.5	3.55	PZ-2
P0620.048-032-ZP	4.8	32.0	9.5	3.55	PZ-2
P0620.048-038-ZP	4.8	38.0	9.5	3.55	PZ-2
P0620.048-045-ZP	4.8	45.0	9.5	3.55	PZ-2
P0620.048-050-ZP	4.8	50.0	9.5	3.55	PZ-2
P0620.048-060-ZP	4.8	60.0	9.5	3.55	PZ-2
P0620.048-070-ZP	4.8	70.0	9.5	3.55	PZ-2
P0620.048-080-ZP	4.8	80.0	9.5	3.55	PZ-2
P0620.048-090-ZP	4.8	90.0	9.5	3.55	PZ-2
P0620.048-100-ZP	4.8	100.0	9.5	3.55	PZ-2
P0620.055-006-ZP	5.5	6.5	10.8	3.95	PZ-3
P0620.055-009-ZP	5.5	9.5	10.8	3.95	PZ-3
P0620.055-013-ZP	5.5	13.0	10.8	3.95	PZ-3
P0620.055-016-ZP	5.5	16.0	10.8	3.95	PZ-3
P0620.055-019-ZP	5.5	19.0	10.8	3.95	PZ-3
P0620.055-022-ZP	5.5	22.0	10.8	3.95	PZ-3
P0620.055-025-ZP	5.5	25.0	10.8	3.95	PZ-3
P0620.055-032-ZP	5.5	32.0	10.8	3.95	PZ-3
P0620.055-038-ZP	5.5	38.0	10.8	3.95	PZ-3
P0620.055-045-ZP	5.5	45.0	10.8	3.95	PZ-3
P0620.055-050-ZP	5.5	50.0	10.8	3.95	PZ-3
P0620.055-060-ZP	5.5	60.0	10.8	3.95	PZ-3
P0620.055-070-ZP	5.5	70.0	10.8	3.95	PZ-3
P0620.055-080-ZP	5.5	80.0	10.8	3.95	PZ-3
P0620.055-090-ZP	5.5	90.0	10.8	3.95	PZ-3
P0620.055-100-ZP	5.5	100.0	10.8	3.95	PZ-3
P0620.063-013-ZP	6.3	13.0	12.5	4.55	PZ-3
P0620.063-016-ZP	6.3	16.0	12.5	4.55	PZ-3
P0620.063-019-ZP	6.3	19.0	12.5	4.55	PZ-3
P0620.063-022-ZP	6.3	22.0	12.5	4.55	PZ-3
P0620.063-025-ZP	6.3	25.0	12.5	4.55	PZ-3
P0620.063-032-ZP	6.3	32.0	12.5	4.55	PZ-3
P0620.063-038-ZP	6.3	38.0	12.5	4.55	PZ-3
P0620.063-045-ZP	6.3	45.0	12.5	4.55	PZ-3
P0620.063-050-ZP	6.3	50.0	12.5	4.55	PZ-3
P0620.063-060-ZP	6.3	60.0	12.5	4.55	PZ-3
P0620.063-070-ZP	6.3	70.0	12.5	4.55	PZ-3
P0620.063-080-ZP	6.3	80.0	12.5	4.55	PZ-3
P0620.063-090-ZP	6.3	90.0	12.5	4.55	PZ-3



Pan Head Pozi AB Tappers

Pozi AB - steel, zinc-plated



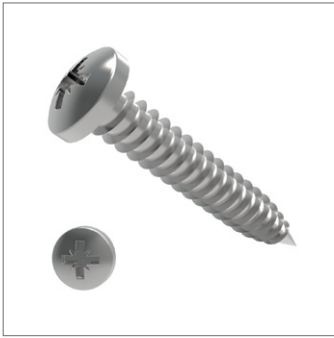
Self Tappers

Order No.	d_1	l_1	d_2	h_1 max.	Size
P0620.063-100-ZP	6.3	100.0	12.5	4.55	PZ-3

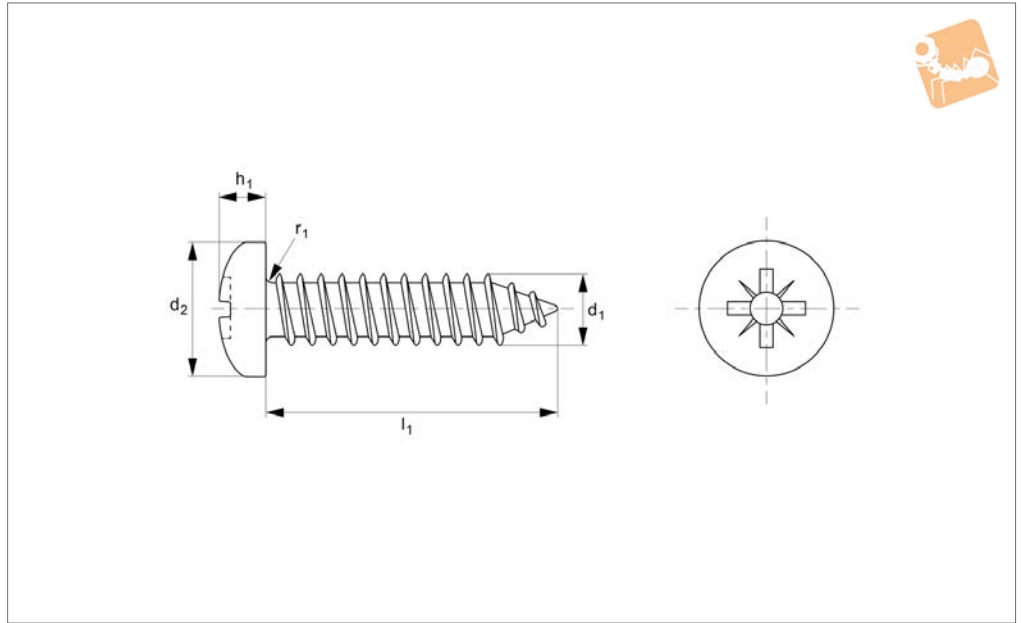
SELF TAPPERS



SELF TAPPERS



P0620.A4



Material

Stainless steel (A4, AISI 316).

Technical Notes

To DIN 7981C-Z, ISO 7049 type C.

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0620.022-006-A4	2.2	6.5	4.2	1.8	PZ-1
P0620.022-009-A4	2.2	9.5	4.2	1.8	PZ-1
P0620.022-013-A4	2.2	13.0	4.2	1.8	PZ-1
P0620.022-016-A4	2.2	16.0	4.2	1.8	PZ-1
P0620.022-019-A4	2.2	19.0	4.2	1.8	PZ-1
P0620.022-022-A4	2.2	22.0	4.2	1.8	PZ-1
P0620.022-025-A4	2.2	25.0	4.2	1.8	PZ-1
P0620.022-032-A4	2.2	32.0	4.2	1.8	PZ-1
P0620.029-006-A4	2.9	6.5	5.6	2.2	PZ-1
P0620.029-009-A4	2.9	9.5	5.6	2.2	PZ-1
P0620.029-013-A4	2.9	13.0	5.6	2.2	PZ-1
P0620.029-016-A4	2.9	16.0	5.6	2.2	PZ-1
P0620.029-019-A4	2.9	19.0	5.6	2.2	PZ-1
P0620.029-022-A4	2.9	22.0	5.6	2.2	PZ-1
P0620.029-025-A4	2.9	25.0	5.6	2.2	PZ-1
P0620.029-032-A4	2.9	32.0	5.6	2.2	PZ-1
P0620.029-038-A4	2.9	38.0	5.6	2.2	PZ-1
P0620.035-006-A4	3.5	6.5	6.9	2.6	PZ-2
P0620.035-009-A4	3.5	9.5	6.9	2.6	PZ-2
P0620.035-013-A4	3.5	13.0	6.9	2.6	PZ-2
P0620.035-016-A4	3.5	16.0	6.9	2.6	PZ-2
P0620.035-019-A4	3.5	19.0	6.9	2.6	PZ-2
P0620.035-022-A4	3.5	22.0	6.9	2.6	PZ-2
P0620.035-025-A4	3.5	25.0	6.9	2.6	PZ-2
P0620.035-032-A4	3.5	32.0	6.9	2.6	PZ-2
P0620.035-038-A4	3.5	38.0	6.9	2.6	PZ-2
P0620.035-045-A4	3.5	45.0	6.9	2.6	PZ-2
P0620.035-050-A4	3.5	50.0	6.9	2.6	PZ-2
P0620.035-060-A4	3.5	60.0	6.9	2.6	PZ-2
P0620.039-006-A4	3.9	6.5	7.5	2.8	PZ-2
P0620.039-009-A4	3.9	9.5	7.5	2.8	PZ-2
P0620.039-013-A4	3.9	13.0	7.5	2.8	PZ-2
P0620.039-016-A4	3.9	16.0	7.5	2.8	PZ-2
P0620.039-019-A4	3.9	19.0	7.5	2.8	PZ-2



Stainless Pan Head Pozi AB Tappers

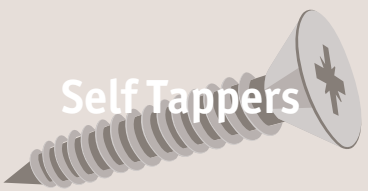
Pozi AB - A4 stainless



Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0620.039-022-A4	3.9	22.0	7.5	2.8	PZ-2
P0620.039-025-A4	3.9	25.0	7.5	2.8	PZ-2
P0620.039-032-A4	3.9	32.0	7.5	2.8	PZ-2
P0620.039-038-A4	3.9	38.0	7.5	2.8	PZ-2
P0620.039-045-A4	3.9	45.0	7.5	2.8	PZ-2
P0620.039-050-A4	3.9	50.0	7.5	2.8	PZ-2
P0620.039-060-A4	3.9	60.0	7.5	2.8	PZ-2
P0620.039-070-A4	3.9	70.0	7.5	2.8	PZ-2
P0620.039-080-A4	3.9	80.0	7.5	2.8	PZ-2
P0620.042-006-A4	4.2	6.5	8.2	3.05	PZ-2
P0620.042-009-A4	4.2	9.5	8.2	3.05	PZ-2
P0620.042-013-A4	4.2	13.0	8.2	3.05	PZ-2
P0620.042-016-A4	4.2	16.0	8.2	3.05	PZ-2
P0620.042-019-A4	4.2	19.0	8.2	3.05	PZ-2
P0620.042-022-A4	4.2	22.0	8.2	3.05	PZ-2
P0620.042-025-A4	4.2	25.0	8.2	3.05	PZ-2
P0620.042-032-A4	4.2	32.0	8.2	3.05	PZ-2
P0620.042-038-A4	4.2	38.0	8.2	3.05	PZ-2
P0620.042-045-A4	4.2	45.0	8.2	3.05	PZ-2
P0620.042-050-A4	4.2	50.0	8.2	3.05	PZ-2
P0620.042-060-A4	4.2	60.0	8.2	3.05	PZ-2
P0620.042-070-A4	4.2	70.0	8.2	3.05	PZ-2
P0620.042-080-A4	4.2	80.0	8.2	3.05	PZ-2
P0620.048-006-A4	4.8	6.5	9.5	3.55	PZ-2
P0620.048-009-A4	4.8	9.5	9.5	3.55	PZ-2
P0620.048-013-A4	4.8	13.0	9.5	3.55	PZ-2
P0620.048-016-A4	4.8	16.0	9.5	3.55	PZ-2
P0620.048-019-A4	4.8	19.0	9.5	3.55	PZ-2
P0620.048-022-A4	4.8	22.0	9.5	3.55	PZ-2
P0620.048-025-A4	4.8	25.0	9.5	3.55	PZ-2
P0620.048-032-A4	4.8	32.0	9.5	3.55	PZ-2
P0620.048-038-A4	4.8	38.0	9.5	3.55	PZ-2
P0620.048-045-A4	4.8	45.0	9.5	3.55	PZ-2
P0620.048-050-A4	4.8	50.0	9.5	3.55	PZ-2
P0620.048-060-A4	4.8	60.0	9.5	3.55	PZ-2
P0620.048-070-A4	4.8	70.0	9.5	3.55	PZ-2
P0620.048-080-A4	4.8	80.0	9.5	3.55	PZ-2
P0620.048-090-A4	4.8	90.0	9.5	3.55	PZ-2
P0620.048-100-A4	4.8	100.0	9.5	3.55	PZ-2
P0620.055-006-A4	5.5	6.5	10.8	3.95	PZ-3
P0620.055-009-A4	5.5	9.5	10.8	3.95	PZ-3
P0620.055-013-A4	5.5	13.0	10.8	3.95	PZ-3
P0620.055-016-A4	5.5	16.0	10.8	3.95	PZ-3
P0620.055-019-A4	5.5	19.0	10.8	3.95	PZ-3
P0620.055-022-A4	5.5	22.0	10.8	3.95	PZ-3
P0620.055-025-A4	5.5	25.0	10.8	3.95	PZ-3
P0620.055-032-A4	5.5	32.0	10.8	3.95	PZ-3
P0620.055-038-A4	5.5	38.0	10.8	3.95	PZ-3
P0620.055-045-A4	5.5	45.0	10.8	3.95	PZ-3
P0620.055-050-A4	5.5	50.0	10.8	3.95	PZ-3
P0620.055-060-A4	5.5	60.0	10.8	3.95	PZ-3
P0620.055-070-A4	5.5	70.0	10.8	3.95	PZ-3
P0620.055-080-A4	5.5	80.0	10.8	3.95	PZ-3
P0620.055-090-A4	5.5	90.0	10.8	3.95	PZ-3
P0620.055-100-A4	5.5	100.0	10.8	3.95	PZ-3
P0620.063-013-A4	6.3	13.0	12.5	4.55	PZ-3
P0620.063-016-A4	6.3	16.0	12.5	4.55	PZ-3
P0620.063-019-A4	6.3	19.0	12.5	4.55	PZ-3
P0620.063-022-A4	6.3	22.0	12.5	4.55	PZ-3
P0620.063-025-A4	6.3	25.0	12.5	4.55	PZ-3
P0620.063-032-A4	6.3	32.0	12.5	4.55	PZ-3
P0620.063-038-A4	6.3	38.0	12.5	4.55	PZ-3
P0620.063-045-A4	6.3	45.0	12.5	4.55	PZ-3
P0620.063-050-A4	6.3	50.0	12.5	4.55	PZ-3
P0620.063-060-A4	6.3	60.0	12.5	4.55	PZ-3
P0620.063-070-A4	6.3	70.0	12.5	4.55	PZ-3
P0620.063-080-A4	6.3	80.0	12.5	4.55	PZ-3
P0620.063-090-A4	6.3	90.0	12.5	4.55	PZ-3

SELF TAPPERS

Self Tappers



Stainless Pan Head Pozi AB Tappers

Pozi AB - A4 stainless



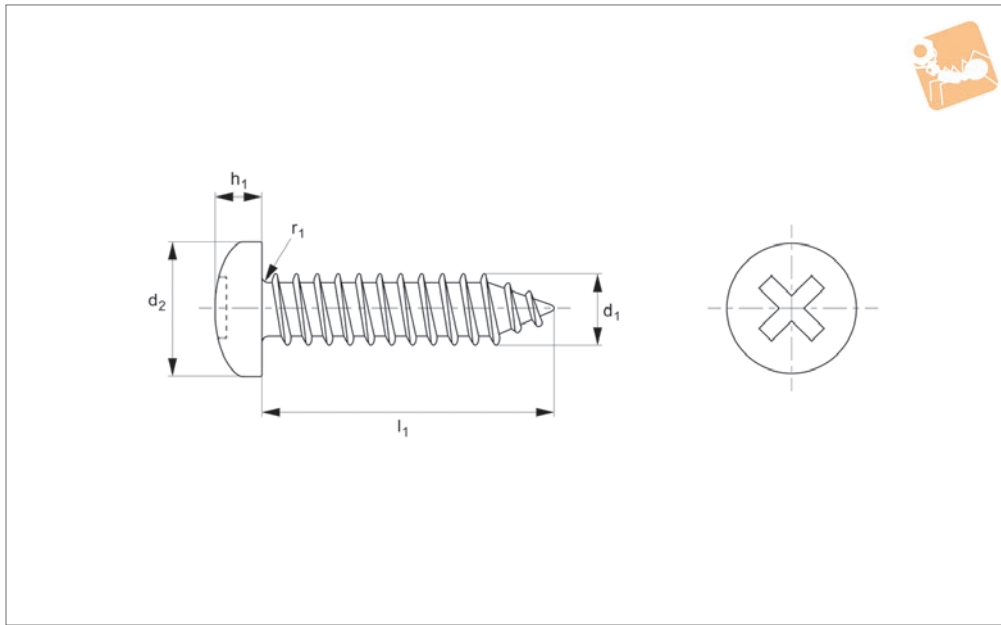
Order No.	d_1	l_1	d_2	h_1 max.	Size
P0620.063-100-A4	6.3	100.0	12.5	4.55	PZ-3

SELF TAPPERS



Pan Head Phillips AB Tappers

Phillips AB - steel, zinc-plated



P0621.ZP

SELF TAPPERS

Material

Steel, zinc-plated (also available zinc-plated black passivated).

Technical Notes

To DIN 7981C-H, ISO 7049 type C.

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0621.022-004-ZP	2.2	4.5	4.2	1.8	PH-1
P0621.022-006-ZP	2.2	6.5	4.2	1.8	PH-1
P0621.022-009-ZP	2.2	9.5	4.2	1.8	PH-1
P0621.022-013-ZP	2.2	13.0	4.2	1.8	PH-1
P0621.022-016-ZP	2.2	16.0	4.2	1.8	PH-1
P0621.022-019-ZP	2.2	19.0	4.2	1.8	PH-1
P0621.022-022-ZP	2.2	22.0	4.2	1.8	PH-1
P0621.022-025-ZP	2.2	25.0	4.2	1.8	PH-1
P0621.022-032-ZP	2.2	32.0	4.2	1.8	PH-1
P0621.029-006-ZP	2.9	6.5	5.6	2.2	PH-1
P0621.029-009-ZP	2.9	9.5	5.6	2.2	PH-1
P0621.029-013-ZP	2.9	13.0	5.6	2.2	PH-1
P0621.029-016-ZP	2.9	16.0	5.6	2.2	PH-1
P0621.029-019-ZP	2.9	19.0	5.6	2.2	PH-1
P0621.029-022-ZP	2.9	22.0	5.6	2.2	PH-1
P0621.029-025-ZP	2.9	25.0	5.6	2.2	PH-1
P0621.029-032-ZP	2.9	32.0	5.6	2.2	PH-1
P0621.029-038-ZP	2.9	38.0	5.6	2.2	PH-1
P0621.035-006-ZP	3.5	6.5	6.9	2.6	PH-2
P0621.035-009-ZP	3.5	9.5	6.9	2.6	PH-2
P0621.035-013-ZP	3.5	13.0	6.9	2.6	PH-2
P0621.035-016-ZP	3.5	16.0	6.9	2.6	PH-2
P0621.035-019-ZP	3.5	19.0	6.9	2.6	PH-2
P0621.035-022-ZP	3.5	22.0	6.9	2.6	PH-2
P0621.035-025-ZP	3.5	25.0	6.9	2.6	PH-2
P0621.035-032-ZP	3.5	32.0	6.9	2.6	PH-2
P0621.035-038-ZP	3.5	38.0	6.9	2.6	PH-2
P0621.035-045-ZP	3.5	45.0	6.9	2.6	PH-2
P0621.035-050-ZP	3.5	50.0	6.9	2.6	PH-2
P0621.035-060-ZP	3.5	60.0	6.9	2.6	PH-2
P0621.035-070-ZP	3.5	70.0	6.9	2.6	PH-2
P0621.039-006-ZP	3.9	6.5	7.5	2.8	PH-2
P0621.039-009-ZP	3.9	9.5	7.5	2.8	PH-2
P0621.039-013-ZP	3.9	13.0	7.5	2.8	PH-2



SELF TAPPERS

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0621.039-016-ZP	3.9	16.0	7.5	2.8	PH-2
P0621.039-019-ZP	3.9	19.0	7.5	2.8	PH-2
P0621.039-022-ZP	3.9	22.0	7.5	2.8	PH-2
P0621.039-025-ZP	3.9	25.0	7.5	2.8	PH-2
P0621.039-032-ZP	3.9	32.0	7.5	2.8	PH-2
P0621.039-038-ZP	3.9	38.0	7.5	2.8	PH-2
P0621.039-045-ZP	3.9	45.0	7.5	2.8	PH-2
P0621.039-050-ZP	3.9	50.0	7.5	2.8	PH-2
P0621.039-060-ZP	3.9	60.0	7.5	2.8	PH-2
P0621.039-070-ZP	3.9	70.0	7.5	2.8	PH-2
P0621.039-080-ZP	3.9	80.0	7.5	2.8	PH-2
P0621.042-006-ZP	4.2	6.5	8.2	3.05	PH-2
P0621.042-009-ZP	4.2	9.5	8.2	3.05	PH-2
P0621.042-013-ZP	4.2	13.0	8.2	3.05	PH-2
P0621.042-016-ZP	4.2	16.0	8.2	3.05	PH-2
P0621.042-019-ZP	4.2	19.0	8.2	3.05	PH-2
P0621.042-022-ZP	4.2	22.0	8.2	3.05	PH-2
P0621.042-025-ZP	4.2	25.0	8.2	3.05	PH-2
P0621.042-032-ZP	4.2	32.0	8.2	3.05	PH-2
P0621.042-038-ZP	4.2	38.0	8.2	3.05	PH-2
P0621.042-045-ZP	4.2	45.0	8.2	3.05	PH-2
P0621.042-050-ZP	4.2	50.0	8.2	3.05	PH-2
P0621.042-060-ZP	4.2	60.0	8.2	3.05	PH-2
P0621.042-070-ZP	4.2	70.0	8.2	3.05	PH-2
P0621.042-080-ZP	4.2	80.0	8.2	3.05	PH-2
P0621.042-090-ZP	4.2	90.0	8.2	3.05	PH-2
P0621.042-100-ZP	4.2	100.0	8.2	3.05	PH-2
P0621.048-009-ZP	4.8	9.5	9.5	3.55	PH-2
P0621.048-013-ZP	4.8	13.0	9.5	3.55	PH-2
P0621.048-016-ZP	4.8	16.0	9.5	3.55	PH-2
P0621.048-019-ZP	4.8	19.0	9.5	3.55	PH-2
P0621.048-022-ZP	4.8	22.0	9.5	3.55	PH-2
P0621.048-025-ZP	4.8	25.0	9.5	3.55	PH-2
P0621.048-032-ZP	4.8	32.0	9.5	3.55	PH-2
P0621.048-038-ZP	4.8	38.0	9.5	3.55	PH-2
P0621.048-045-ZP	4.8	45.0	9.5	3.55	PH-2
P0621.048-050-ZP	4.8	50.0	9.5	3.55	PH-2
P0621.048-060-ZP	4.8	60.0	9.5	3.55	PH-2
P0621.048-070-ZP	4.8	70.0	9.5	3.55	PH-2
P0621.048-080-ZP	4.8	80.0	9.5	3.55	PH-2
P0621.048-090-ZP	4.8	90.0	9.5	3.55	PH-2
P0621.048-100-ZP	4.8	100.0	9.5	3.55	PH-2
P0621.048-120-ZP	4.8	120.0	9.5	3.55	PH-2
P0621.055-009-ZP	5.5	9.5	10.8	3.95	PH-3
P0621.055-013-ZP	5.5	13.0	10.8	3.95	PH-3
P0621.055-016-ZP	5.5	16.0	10.8	3.95	PH-3
P0621.055-019-ZP	5.5	19.0	10.8	3.95	PH-3
P0621.055-022-ZP	5.5	22.0	10.8	3.95	PH-3
P0621.055-025-ZP	5.5	25.0	10.8	3.95	PH-3
P0621.055-032-ZP	5.5	32.0	10.8	3.95	PH-3
P0621.055-038-ZP	5.5	38.0	10.8	3.95	PH-3
P0621.055-045-ZP	5.5	45.0	10.8	3.95	PH-3
P0621.055-050-ZP	5.5	50.0	10.8	3.95	PH-3
P0621.055-060-ZP	5.5	60.0	10.8	3.95	PH-3
P0621.055-070-ZP	5.5	70.0	10.8	3.95	PH-3
P0621.055-080-ZP	5.5	80.0	10.8	3.95	PH-3
P0621.055-090-ZP	5.5	90.0	10.8	3.95	PH-3
P0621.055-100-ZP	5.5	100.0	10.8	3.95	PH-3
P0621.055-120-ZP	5.5	120.0	10.8	3.95	PH-3
P0621.063-013-ZP	6.3	13.0	12.5	4.55	PH-3
P0621.063-016-ZP	6.3	16.0	12.5	4.55	PH-3
P0621.063-019-ZP	6.3	19.0	12.5	4.55	PH-3
P0621.063-022-ZP	6.3	22.0	12.5	4.55	PH-3
P0621.063-025-ZP	6.3	25.0	12.5	4.55	PH-3
P0621.063-032-ZP	6.3	32.0	12.5	4.55	PH-3
P0621.063-038-ZP	6.3	38.0	12.5	4.55	PH-3
P0621.063-045-ZP	6.3	45.0	12.5	4.55	PH-3
P0621.063-050-ZP	6.3	50.0	12.5	4.55	PH-3



Pan Head Phillips AB Tappers

Phillips AB - steel, zinc-plated



Self Tappers

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0621.063-060-ZP	6.3	60.0	12.5	4.55	PH-3
P0621.063-070-ZP	6.3	70.0	12.5	4.55	PH-3
P0621.063-080-ZP	6.3	80.0	12.5	4.55	PH-3
P0621.063-090-ZP	6.3	90.0	12.5	4.55	PH-3
P0621.063-100-ZP	6.3	100.0	12.5	4.55	PH-3
P0621.063-120-ZP	6.3	120.0	12.5	4.55	PH-3

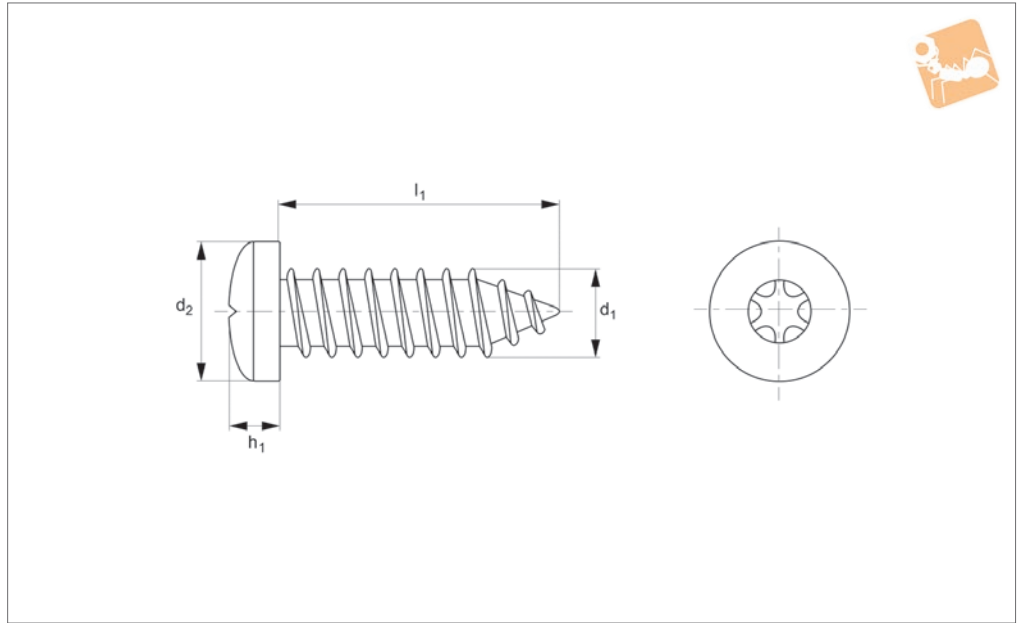
SELF TAPPERS



SELF TAPPERS



P0623.ZP



Material

Steel, zinc-plated.

Technical Notes

To DIN 7981C-TX, ISO 7049 type C.

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0623.029-006-ZP	2.9	6.5	5.6	2.2	TX-10
P0623.029-009-ZP	2.9	9.5	5.6	2.2	TX-10
P0623.029-013-ZP	2.9	13.0	5.6	2.2	TX-10
P0623.029-016-ZP	2.9	16.0	5.6	2.2	TX-10
P0623.029-019-ZP	2.9	19.0	5.6	2.2	TX-10
P0623.029-022-ZP	2.9	22.0	5.6	2.2	TX-10
P0623.029-025-ZP	2.9	25.0	5.6	2.2	TX-10
P0623.029-032-ZP	2.9	32.0	5.6	2.2	TX-10
P0623.029-038-ZP	2.9	38.0	5.6	2.2	TX-10
P0623.035-009-ZP	3.5	9.5	6.9	2.6	TX-15
P0623.035-013-ZP	3.5	13.0	6.9	2.6	TX-15
P0623.035-016-ZP	3.5	16.0	6.9	2.6	TX-15
P0623.035-019-ZP	3.5	19.0	6.9	2.6	TX-15
P0623.035-022-ZP	3.5	22.0	6.9	2.6	TX-15
P0623.035-025-ZP	3.5	25.0	6.9	2.6	TX-15
P0623.035-032-ZP	3.5	32.0	6.9	2.6	TX-15
P0623.035-038-ZP	3.5	38.0	6.9	2.6	TX-15
P0623.035-045-ZP	3.5	45.0	6.9	2.6	TX-15
P0623.035-050-ZP	3.5	50.0	6.9	2.6	TX-15
P0623.039-009-ZP	3.9	9.5	7.5	2.8	TX-15
P0623.039-013-ZP	3.9	13.0	7.5	2.8	TX-15
P0623.039-016-ZP	3.9	16.0	7.5	2.8	TX-15
P0623.039-019-ZP	3.9	19.0	7.5	2.8	TX-15
P0623.039-022-ZP	3.9	22.0	7.5	2.8	TX-15
P0623.039-025-ZP	3.9	25.0	7.5	2.8	TX-15
P0623.039-032-ZP	3.9	32.0	7.5	2.8	TX-15
P0623.039-038-ZP	3.9	38.0	7.5	2.8	TX-15
P0623.039-045-ZP	3.9	45.0	7.5	2.8	TX-15
P0623.039-050-ZP	3.9	50.0	7.5	2.8	TX-15
P0623.039-060-ZP	3.9	60.0	7.5	2.8	TX-15
P0623.042-009-ZP	4.2	9.5	8.2	3.05	TX-20
P0623.042-013-ZP	4.2	13.0	8.2	3.05	TX-20
P0623.042-016-ZP	4.2	16.0	8.2	3.05	TX-20
P0623.042-019-ZP	4.2	19.0	8.2	3.05	TX-20



Pan Head TX AB Tappers

TX AB - steel, zinc-plated



Self Tappers

Order No.	d ₁	l ₁	d ₂	h ₁ max.	Size
P0623.042-022-ZP	4.2	22.0	8.2	3.05	TX-20
P0623.042-025-ZP	4.2	25.0	8.2	3.05	TX-20
P0623.042-032-ZP	4.2	32.0	8.2	3.05	TX-20
P0623.042-038-ZP	4.2	38.0	8.2	3.05	TX-20
P0623.042-045-ZP	4.2	45.0	8.2	3.05	TX-20
P0623.042-050-ZP	4.2	50.0	8.2	3.05	TX-20
P0623.042-060-ZP	4.2	60.0	8.2	3.05	TX-20
P0623.048-013-ZP	4.8	13.0	9.5	3.55	TX-25
P0623.048-016-ZP	4.8	16.0	9.5	3.55	TX-25
P0623.048-019-ZP	4.8	19.0	9.5	3.55	TX-25
P0623.048-022-ZP	4.8	22.0	9.5	3.55	TX-25
P0623.048-025-ZP	4.8	25.0	9.5	3.55	TX-25
P0623.048-032-ZP	4.8	32.0	9.5	3.55	TX-25
P0623.048-038-ZP	4.8	38.0	9.5	3.55	TX-25
P0623.048-045-ZP	4.8	45.0	9.5	3.55	TX-25
P0623.048-050-ZP	4.8	50.0	9.5	3.55	TX-25
P0623.048-060-ZP	4.8	60.0	9.5	3.55	TX-25
P0623.055-013-ZP	5.5	13.0	10.8	3.95	TX-25
P0623.055-016-ZP	5.5	16.0	10.8	3.95	TX-25
P0623.055-019-ZP	5.5	19.0	10.8	3.95	TX-25
P0623.055-022-ZP	5.5	22.0	10.8	3.95	TX-25
P0623.055-025-ZP	5.5	25.0	10.8	3.95	TX-25
P0623.055-032-ZP	5.5	32.0	10.8	3.95	TX-25
P0623.055-038-ZP	5.5	38.0	10.8	3.95	TX-25
P0623.055-045-ZP	5.5	45.0	10.8	3.95	TX-25
P0623.055-050-ZP	5.5	50.0	10.8	3.95	TX-25
P0623.055-060-ZP	5.5	60.0	10.8	3.95	TX-25
P0623.063-013-ZP	6.3	13.0	12.5	4.55	TX-30
P0623.063-016-ZP	6.3	16.0	12.5	4.55	TX-30
P0623.063-019-ZP	6.3	19.0	12.5	4.55	TX-30
P0623.063-022-ZP	6.3	22.0	12.5	4.55	TX-30
P0623.063-025-ZP	6.3	25.0	12.5	4.55	TX-30
P0623.063-032-ZP	6.3	32.0	12.5	4.55	TX-30
P0623.063-038-ZP	6.3	38.0	12.5	4.55	TX-30
P0623.063-045-ZP	6.3	45.0	12.5	4.55	TX-30
P0623.063-050-ZP	6.3	50.0	12.5	4.55	TX-30
P0623.063-060-ZP	6.3	60.0	12.5	4.55	TX-30

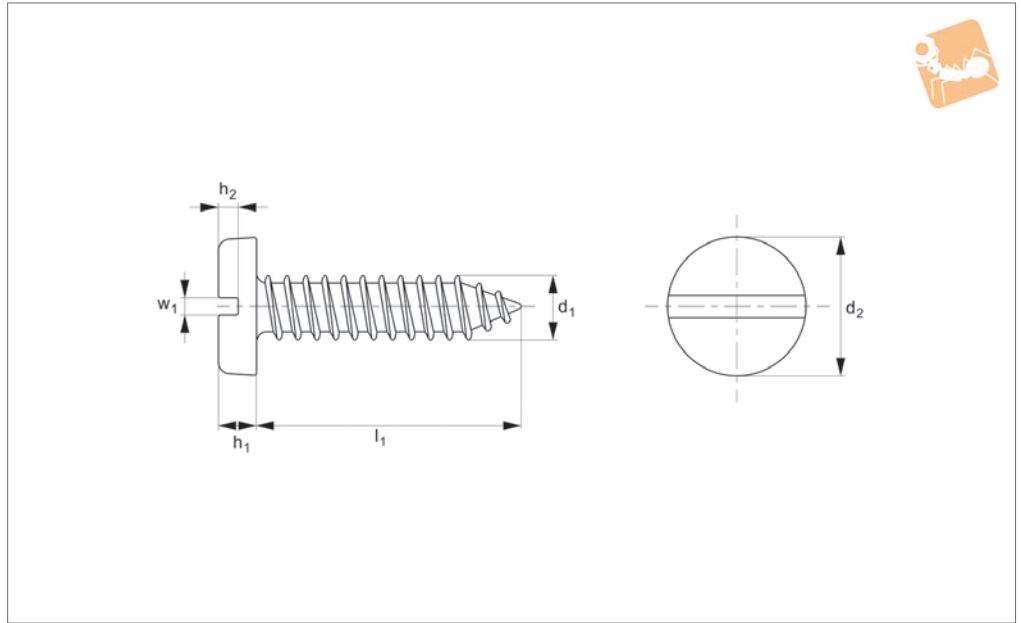
SELF TAPPERS



SELF TAPPERS



P0624.ZP



Material
Steel, zinc-plated.

Technical Notes
To DIN 7971C, ISO 1481 type C.

Order No.	d ₁	l ₁	d ₂	h ₁ max.	h ₂ max.	w ₁
P0624.022-004-ZP	2.2	4.5	4.2	1.35	0.8	0.6
P0624.022-006-ZP	2.2	6.5	4.2	1.35	0.8	0.6
P0624.022-009-ZP	2.2	9.5	4.2	1.35	0.8	0.6
P0624.022-013-ZP	2.2	13.0	4.2	1.35	0.8	0.6
P0624.022-016-ZP	2.2	16.0	4.2	1.35	0.8	0.6
P0624.022-019-ZP	2.2	19.0	4.2	1.35	0.8	0.6
P0624.022-022-ZP	2.2	22.0	4.2	1.35	0.8	0.6
P0624.022-025-ZP	2.2	25.0	4.2	1.35	0.8	0.6
P0624.029-006-ZP	2.9	6.5	5.6	1.75	1.0	0.8
P0624.029-009-ZP	2.9	9.5	5.6	1.75	1.0	0.8
P0624.029-013-ZP	2.9	13.0	5.6	1.75	1.0	0.8
P0624.029-016-ZP	2.9	16.0	5.6	1.75	1.0	0.8
P0624.029-019-ZP	2.9	19.0	5.6	1.75	1.0	0.8
P0624.029-022-ZP	2.9	22.0	5.6	1.75	1.0	0.8
P0624.029-025-ZP	2.9	25.0	5.6	1.75	1.0	0.8
P0624.029-032-ZP	2.9	32.0	5.6	1.75	1.0	0.8
P0624.035-006-ZP	3.5	6.5	6.9	2.1	1.25	1.0
P0624.035-009-ZP	3.5	9.5	6.9	2.1	1.25	1.0
P0624.035-013-ZP	3.5	13.0	6.9	2.1	1.25	1.0
P0624.035-016-ZP	3.5	16.0	6.9	2.1	1.25	1.0
P0624.035-019-ZP	3.5	19.0	6.9	2.1	1.25	1.0
P0624.035-022-ZP	3.5	22.0	6.9	2.1	1.25	1.0
P0624.035-025-ZP	3.5	25.0	6.9	2.1	1.25	1.0
P0624.035-032-ZP	3.5	32.0	6.9	2.1	1.25	1.0
P0624.035-038-ZP	3.5	38.0	6.9	2.1	1.25	1.0
P0624.042-006-ZP	4.2	6.5	8.2	2.45	1.5	1.2
P0624.042-009-ZP	4.2	9.5	8.2	2.45	1.5	1.2
P0624.042-013-ZP	4.2	13.0	8.2	2.45	1.5	1.2
P0624.042-016-ZP	4.2	16.0	8.2	2.45	1.5	1.2
P0624.042-019-ZP	4.2	19.0	8.2	2.45	1.5	1.2
P0624.042-022-ZP	4.2	22.0	8.2	2.45	1.5	1.2
P0624.042-025-ZP	4.2	25.0	8.2	2.45	1.5	1.2
P0624.042-032-ZP	4.2	32.0	8.2	2.45	1.5	1.2
P0624.042-038-ZP	4.2	38.0	8.2	2.45	1.5	1.2



Pan Head Slot AB Tappers

Slot AB - steel, zinc-plated



Self Tappers

Order No.	d ₁	l ₁	d ₂	h ₁ max.	h ₂ max.	w ₁
P0624.042-045-ZP	4.2	45.0	8.2	2.45	1.5	1.2
P0624.042-500-ZP	4.2	50.0	8.2	2.45	1.5	1.2
P0624.048-009-ZP	4.8	9.5	9.5	2.80	1.7	1.2
P0624.048-013-ZP	4.8	13.0	9.5	2.80	1.7	1.2
P0624.048-016-ZP	4.8	16.0	9.5	2.80	1.7	1.2
P0624.048-019-ZP	4.8	19.0	9.5	2.80	1.7	1.2
P0624.048-022-ZP	4.8	22.0	9.5	2.80	1.7	1.2
P0624.048-025-ZP	4.8	25.0	9.5	2.80	1.7	1.2
P0624.048-032-ZP	4.8	32.0	9.5	2.80	1.7	1.2
P0624.048-038-ZP	4.8	38.0	9.5	2.80	1.7	1.2
P0624.048-045-ZP	4.8	45.0	9.5	2.80	1.7	1.2
P0624.048-050-ZP	4.8	50.0	9.5	2.80	1.7	1.2
P0624.048-060-ZP	4.8	60.0	9.5	2.80	1.7	1.2
P0624.048-070-ZP	4.8	70.0	9.5	2.80	1.7	1.2
P0624.048-080-ZP	4.8	80.0	9.5	2.80	1.7	1.2
P0624.055-013-ZP	5.5	13.0	10.8	3.20	1.95	1.6
P0624.055-016-ZP	5.5	16.0	10.8	3.20	1.95	1.6
P0624.055-019-ZP	5.5	19.0	10.8	3.20	1.95	1.6
P0624.055-022-ZP	5.5	22.0	10.8	3.20	1.95	1.6
P0624.055-025-ZP	5.5	25.0	10.8	3.20	1.95	1.6
P0624.055-032-ZP	5.5	32.0	10.8	3.20	1.95	1.6
P0624.055-038-ZP	5.5	38.0	10.8	3.20	1.95	1.6
P0624.055-045-ZP	5.5	45.0	10.8	3.20	1.95	1.6
P0624.055-050-ZP	5.5	50.0	10.8	3.20	1.95	1.6
P0624.055-060-ZP	5.5	60.0	10.8	3.20	1.95	1.6
P0624.055-070-ZP	5.5	70.0	10.8	3.20	1.95	1.6
P0624.055-080-ZP	5.5	80.0	10.8	3.20	1.95	1.6
P0624.063-013-ZP	6.3	13.0	12.5	3.65	2.20	1.6
P0624.063-016-ZP	6.3	16.0	12.5	3.65	2.20	1.6
P0624.063-019-ZP	6.3	19.0	12.5	3.65	2.20	1.6
P0624.063-022-ZP	6.3	22.0	12.5	3.65	2.20	1.6
P0624.063-025-ZP	6.3	25.0	12.5	3.65	2.20	1.6
P0624.063-032-ZP	6.3	32.0	12.5	3.65	2.20	1.6
P0624.063-038-ZP	6.3	38.0	12.5	3.65	2.20	1.6
P0624.063-045-ZP	6.3	45.0	12.5	3.65	2.20	1.6
P0624.063-050-ZP	6.3	50.0	12.5	3.65	2.20	1.6
P0624.063-060-ZP	6.3	60.0	12.5	3.65	2.20	1.6
P0624.063-070-ZP	6.3	70.0	12.5	3.65	2.20	1.6
P0624.063-080-ZP	6.3	80.0	12.5	3.65	2.20	1.6
P0624.039-006-ZP	3.9	6.5	7.5	2.25	1.4	1.0
P0624.039-009-ZP	3.9	9.5	7.5	2.25	1.4	1.0
P0624.039-013-ZP	3.9	13.0	7.5	2.25	1.4	1.0
P0624.039-016-ZP	3.9	16.0	7.5	2.25	1.4	1.0
P0624.039-019-ZP	3.9	19.0	7.5	2.25	1.4	1.0
P0624.039-022-ZP	3.9	22.0	7.5	2.25	1.4	1.0
P0624.039-025-ZP	3.9	25.0	7.5	2.25	1.4	1.0
P0624.039-032-ZP	3.9	32.0	7.5	2.25	1.4	1.0
P0624.039-038-ZP	3.9	38.0	7.5	2.25	1.4	1.0
P0624.039-045-ZP	3.9	45.0	7.5	2.25	1.4	1.0
P0624.039-050-ZP	3.9	50.0	7.5	2.25	1.4	1.0

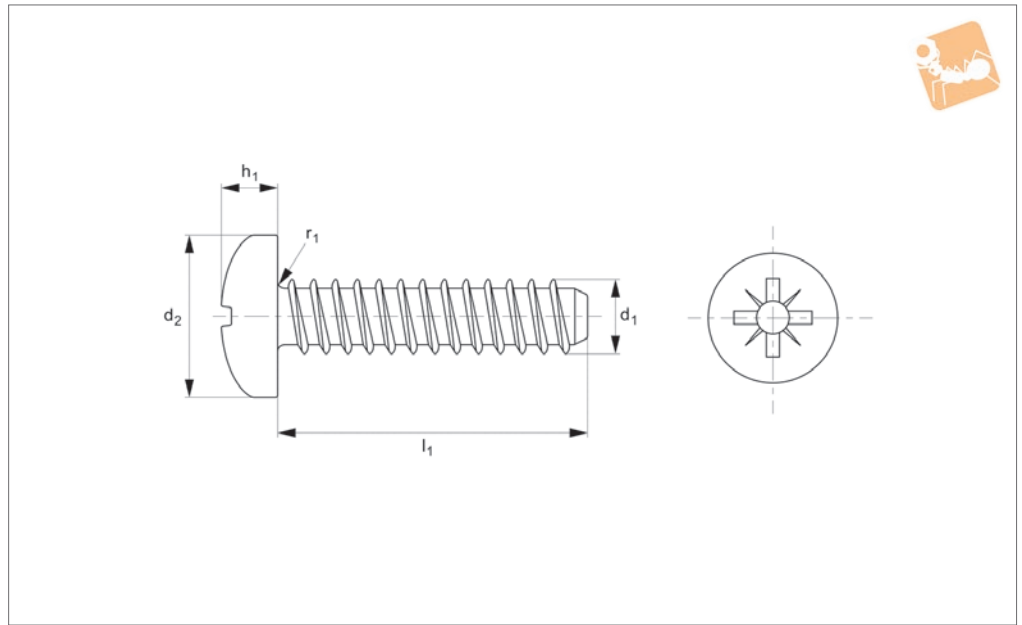
SELF TAPPERS



SELF TAPPERS



P0637.ZP



Material

Steel, zinc-plated.

Technical Notes

To DIN 7981F-Z, ISO 7049 type F (with dog point).

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0637.022-006-ZP	2.2	6.5	4.2	1.8	PZ-1
P0637.022-009-ZP	2.2	9.5	4.2	1.8	PZ-1
P0637.022-013-ZP	2.2	13.0	4.2	1.8	PZ-1
P0637.022-016-ZP	2.2	16.0	4.2	1.8	PZ-1
P0637.022-019-ZP	2.2	19.0	4.2	1.8	PZ-1
P0637.022-022-ZP	2.2	22.0	4.2	1.8	PZ-1
P0637.022-025-ZP	2.2	25.0	4.2	1.8	PZ-1
P0637.022-032-ZP	2.2	32.0	4.2	1.8	PZ-1
P0637.029-006-ZP	2.9	6.5	5.6	2.2	PZ-1
P0637.029-009-ZP	2.9	9.5	5.6	2.2	PZ-1
P0637.029-013-ZP	2.9	13.0	5.6	2.2	PZ-1
P0637.029-016-ZP	2.9	16.0	5.6	2.2	PZ-1
P0637.029-019-ZP	2.9	19.0	5.6	2.2	PZ-1
P0637.029-022-ZP	2.9	22.0	5.6	2.2	PZ-1
P0637.029-025-ZP	2.9	25.0	5.6	2.2	PZ-1
P0637.029-032-ZP	2.9	32.0	5.6	2.2	PZ-1
P0637.035-006-ZP	3.5	6.5	6.9	2.6	PZ-2
P0637.035-009-ZP	3.5	9.5	6.9	2.6	PZ-2
P0637.035-013-ZP	3.5	13.0	6.9	2.6	PZ-2
P0637.035-016-ZP	3.5	16.0	6.9	2.6	PZ-2
P0637.035-019-ZP	3.5	19.0	6.9	2.6	PZ-2
P0637.035-022-ZP	3.5	22.0	6.9	2.6	PZ-2
P0637.035-025-ZP	3.5	25.0	6.9	2.6	PZ-2
P0637.035-032-ZP	3.5	32.0	6.9	2.6	PZ-2
P0637.035-045-ZP	3.5	45.0	6.9	2.6	PZ-2
P0637.035-050-ZP	3.5	50.0	6.9	2.6	PZ-2
P0637.035-060-ZP	3.5	60.0	6.9	2.6	PZ-2
P0637.039-006-ZP	3.9	6.5	7.5	2.8	PZ-2
P0637.039-009-ZP	3.9	9.5	7.5	2.8	PZ-2
P0637.039-013-ZP	3.9	13.0	7.5	2.8	PZ-2
P0637.039-016-ZP	3.9	16.0	7.5	2.8	PZ-2
P0637.039-019-ZP	3.9	19.0	7.5	2.8	PZ-2
P0637.039-022-ZP	3.9	22.0	7.5	2.8	PZ-2
P0637.039-025-ZP	3.9	25.0	7.5	2.8	PZ-2
P0637.039-032-ZP	3.9	32.0	7.5	2.8	PZ-2



Pan Head Pozi Tappers

Pozi dog point - steel, zinc-plated



Self Tappers

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0637.039-045-ZP	3.9	45.0	7.5	2.8	PZ-2
P0637.039-050-ZP	3.9	50.0	7.5	2.8	PZ-2
P0637.039-060-ZP	3.9	60.0	7.5	2.8	PZ-2
P0637.039-070-ZP	3.9	70.0	7.5	2.8	PZ-2
P0637.039-080-ZP	3.9	80.0	7.5	2.8	PZ-2
P0637.042-006-ZP	4.2	6.5	8.2	3.05	PZ-2
P0637.042-009-ZP	4.2	9.5	8.2	3.05	PZ-2
P0637.042-013-ZP	4.2	13.0	8.2	3.05	PZ-2
P0637.042-016-ZP	4.2	16.0	8.2	3.05	PZ-2
P0637.042-019-ZP	4.2	19.0	8.2	3.05	PZ-2
P0637.042-022-ZP	4.2	22.0	8.2	3.05	PZ-2
P0637.042-025-ZP	4.2	25.0	8.2	3.05	PZ-2
P0637.042-032-ZP	4.2	32.0	8.2	3.05	PZ-2
P0637.042-045-ZP	4.2	45.0	8.2	3.05	PZ-2
P0637.042-050-ZP	4.2	50.0	8.2	3.05	PZ-2
P0637.042-060-ZP	4.2	60.0	8.2	3.05	PZ-2
P0637.042-070-ZP	4.2	70.0	8.2	3.05	PZ-2
P0637.042-080-ZP	4.2	80.0	8.2	3.05	PZ-2
P0637.048-006-ZP	4.8	6.5	9.5	3.55	PZ-2
P0637.048-009-ZP	4.8	9.5	9.5	3.55	PZ-2
P0637.048-013-ZP	4.8	13.0	9.5	3.55	PZ-2
P0637.048-016-ZP	4.8	16.0	9.5	3.55	PZ-2
P0637.048-019-ZP	4.8	19.0	9.5	3.55	PZ-2
P0637.048-022-ZP	4.8	22.0	9.5	3.55	PZ-2
P0637.048-025-ZP	4.8	25.0	9.5	3.55	PZ-2
P0637.048-032-ZP	4.8	32.0	9.5	3.55	PZ-2
P0637.048-045-ZP	4.8	45.0	9.5	3.55	PZ-2
P0637.048-050-ZP	4.8	50.0	9.5	3.55	PZ-2
P0637.048-060-ZP	4.8	60.0	9.5	3.55	PZ-2
P0637.048-070-ZP	4.8	70.0	9.5	3.55	PZ-2
P0637.048-080-ZP	4.8	80.0	9.5	3.55	PZ-2
P0637.048-090-ZP	4.8	90.0	9.5	3.55	PZ-2
P0637.048-100-ZP	4.8	100.0	9.5	3.55	PZ-2
P0637.055-006-ZP	5.5	6.5	10.8	3.95	PZ-3
P0637.055-009-ZP	5.5	9.5	10.8	3.95	PZ-3
P0637.055-013-ZP	5.5	13.0	10.8	3.95	PZ-3
P0637.055-016-ZP	5.5	16.0	10.8	3.95	PZ-3
P0637.055-019-ZP	5.5	19.0	10.8	3.95	PZ-3
P0637.055-022-ZP	5.5	22.0	10.8	3.95	PZ-3
P0637.055-025-ZP	5.5	25.0	10.8	3.95	PZ-3
P0637.055-032-ZP	5.5	32.0	10.8	3.95	PZ-3
P0637.055-045-ZP	5.5	45.0	10.8	3.95	PZ-3
P0637.055-050-ZP	5.5	50.0	10.8	3.95	PZ-3
P0637.055-060-ZP	5.5	60.0	10.8	3.95	PZ-3
P0637.055-070-ZP	5.5	70.0	10.8	3.95	PZ-3
P0637.055-080-ZP	5.5	80.0	10.8	3.95	PZ-3
P0637.055-090-ZP	5.5	90.0	10.8	3.95	PZ-3
P0637.055-100-ZP	5.5	100.0	10.8	3.95	PZ-3
P0637.063-013-ZP	6.3	13.0	12.5	4.55	PZ-3
P0637.063-016-ZP	6.3	16.0	12.5	4.55	PZ-3
P0637.063-019-ZP	6.3	19.0	12.5	4.55	PZ-3
P0637.063-022-ZP	6.3	22.0	12.5	4.55	PZ-3
P0637.063-025-ZP	6.3	25.0	12.5	4.55	PZ-3
P0637.063-032-ZP	6.3	32.0	12.5	4.55	PZ-3
P0637.063-038-ZP	6.3	38.0	12.5	4.55	PZ-3
P0637.063-045-ZP	6.3	45.0	12.5	4.55	PZ-3
P0637.063-050-ZP	6.3	50.0	12.5	4.55	PZ-3
P0637.063-060-ZP	6.3	60.0	12.5	4.55	PZ-3
P0637.063-070-ZP	6.3	70.0	12.5	4.55	PZ-3
P0637.063-080-ZP	6.3	80.0	12.5	4.55	PZ-3
P0637.063-090-ZP	6.3	90.0	12.5	4.55	PZ-3
P0637.063-100-ZP	6.3	100.0	12.5	4.55	PZ-3

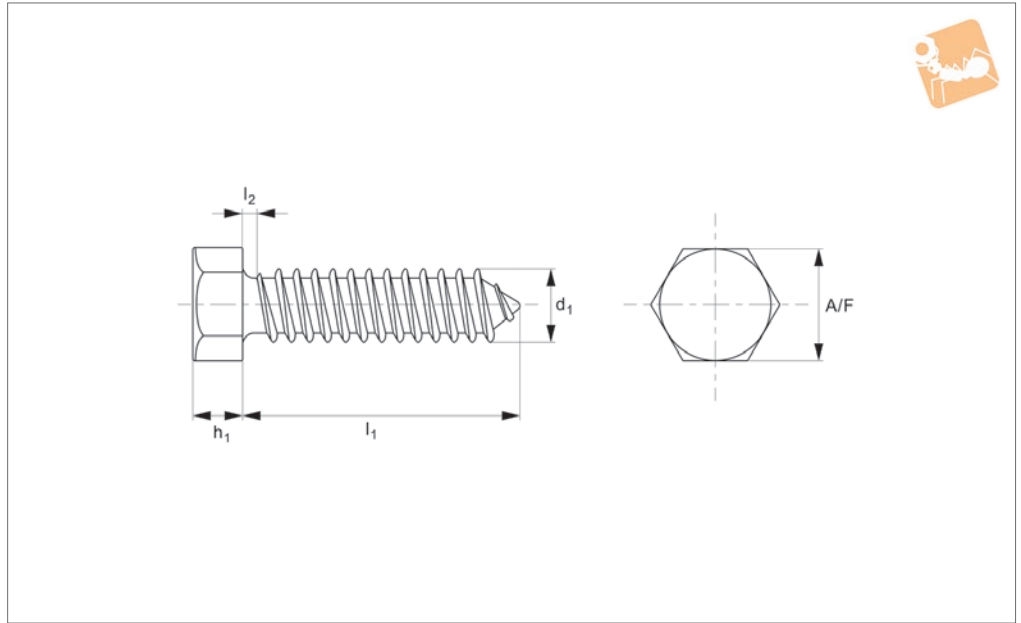
SELF TAPPERS



SELF TAPPERS



P0630.ZP



Material
Steel, zinc-plated.

Technical Notes
To DIN 7976C, ISO 1479 type C.

Order No.	d ₁	l ₁	l ₂	h ₁	A/F
P0630.029-009-ZP	2.9	9.5	1.1	1.5	5
P0630.029-013-ZP	2.9	13.0	1.1	1.5	5
P0630.029-016-ZP	2.9	16.0	1.1	1.5	5
P0630.029-019-ZP	2.9	19.0	1.1	1.5	5
P0630.029-022-ZP	2.9	22.0	1.1	1.5	5
P0630.029-025-ZP	2.9	25.0	1.1	1.5	5
P0630.029-032-ZP	2.9	32.0	1.1	1.5	5
P0630.029-038-ZP	2.9	38.0	1.1	1.5	5
P0630.035-009-ZP	3.5	9.5	1.3	2.3	5.5
P0630.035-013-ZP	3.5	13.0	1.3	2.3	5.5
P0630.035-016-ZP	3.5	16.0	1.3	2.3	5.5
P0630.035-019-ZP	3.5	19.0	1.3	2.3	5.5
P0630.035-022-ZP	3.5	22.0	1.3	2.3	5.5
P0630.035-025-ZP	3.5	25.0	1.3	2.3	5.5
P0630.035-032-ZP	3.5	32.0	1.3	2.3	5.5
P0630.035-038-ZP	3.5	38.0	1.3	2.3	5.5
P0630.035-045-ZP	3.5	45.0	1.3	2.3	5.5
P0630.035-050-ZP	3.5	50.0	1.3	2.3	5.5
P0630.039-009-ZP	3.9	9.5	1.3	2.3	7
P0630.039-013-ZP	3.9	13.0	1.3	2.3	7
P0630.039-016-ZP	3.9	16.0	1.3	2.3	7
P0630.039-019-ZP	3.9	19.0	1.3	2.3	7
P0630.039-022-ZP	3.9	22.0	1.3	2.3	7
P0630.039-025-ZP	3.9	25.0	1.3	2.3	7
P0630.039-032-ZP	3.9	32.0	1.3	2.3	7
P0630.039-038-ZP	3.9	38.0	1.3	2.3	7
P0630.039-045-ZP	3.9	45.0	1.3	2.3	7
P0630.039-050-ZP	3.9	50.0	1.3	2.3	7
P0630.039-055-ZP	3.9	55.0	1.3	2.3	7
P0630.039-060-ZP	3.9	60.0	1.3	2.3	7
P0630.042-009-ZP	4.2	9.5	1.4	2.8	7
P0630.042-013-ZP	4.2	13.0	1.4	2.8	7
P0630.042-016-ZP	4.2	16.0	1.4	2.8	7
P0630.042-019-ZP	4.2	19.0	1.4	2.8	7
P0630.042-022-ZP	4.2	22.0	1.4	2.8	7



Hex Head AB Tappers

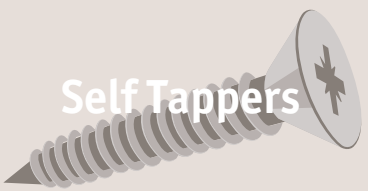
AB Tappers - steel, zinc-plated



Self Tappers

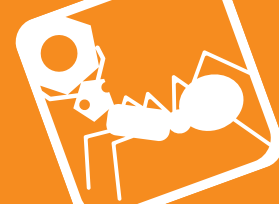
SELF TAPPERS

Order No.	d ₁	l ₁	l ₂	h ₁	A/F
P0630.042-025-ZP	4.2	25.0	1.4	2.8	7
P0630.042-032-ZP	4.2	32.0	1.4	2.8	7
P0630.042-038-ZP	4.2	38.0	1.4	2.8	7
P0630.042-045-ZP	4.2	45.0	1.4	2.8	7
P0630.042-050-ZP	4.2	50.0	1.4	2.8	7
P0630.042-055-ZP	4.2	55.0	1.4	2.8	7
P0630.042-060-ZP	4.2	60.0	1.4	2.8	7
P0630.048-009-ZP	4.8	9.5	1.6	3.0	8
P0630.048-013-ZP	4.8	13.0	1.6	3.0	8
P0630.048-016-ZP	4.8	16.0	1.6	3.0	8
P0630.048-019-ZP	4.8	19.0	1.6	3.0	8
P0630.048-022-ZP	4.8	22.0	1.6	3.0	8
P0630.048-025-ZP	4.8	25.0	1.6	3.0	8
P0630.048-032-ZP	4.8	32.0	1.6	3.0	8
P0630.048-038-ZP	4.8	38.0	1.6	3.0	8
P0630.048-045-ZP	4.8	45.0	1.6	3.0	8
P0630.048-050-ZP	4.8	50.0	1.6	3.0	8
P0630.048-055-ZP	4.8	55.0	1.6	3.0	8
P0630.048-060-ZP	4.8	60.0	1.6	3.0	8
P0630.048-070-ZP	4.8	70.0	1.6	3.0	8
P0630.048-080-ZP	4.8	80.0	1.6	3.0	8
P0630.048-090-ZP	4.8	90.0	1.6	3.0	8
P0630.048-100-ZP	4.8	100.0	1.6	3.0	8
P0630.048-110-ZP	4.8	110.0	1.6	3.0	8
P0630.048-120-ZP	4.8	120.0	1.6	3.0	8
P0630.055-009-ZP	5.5	9.5	1.8	4.0	8
P0630.055-013-ZP	5.5	13.0	1.8	4.0	8
P0630.055-016-ZP	5.5	16.0	1.8	4.0	8
P0630.055-019-ZP	5.5	19.0	1.8	4.0	8
P0630.055-022-ZP	5.5	22.0	1.8	4.0	8
P0630.055-025-ZP	5.5	25.0	1.8	4.0	8
P0630.055-032-ZP	5.5	32.0	1.8	4.0	8
P0630.055-038-ZP	5.5	38.0	1.8	4.0	8
P0630.055-045-ZP	5.5	45.0	1.8	4.0	8
P0630.055-050-ZP	5.5	50.0	1.8	4.0	8
P0630.055-055-ZP	5.5	55.0	1.8	4.0	8
P0630.055-060-ZP	5.5	60.0	1.8	4.0	8
P0630.055-070-ZP	5.5	70.0	1.8	4.0	8
P0630.055-080-ZP	5.5	80.0	1.8	4.0	8
P0630.055-090-ZP	5.5	90.0	1.8	4.0	8
P0630.055-100-ZP	5.5	100.0	1.8	4.0	8
P0630.055-110-ZP	5.5	110.0	1.8	4.0	8
P0630.055-120-ZP	5.5	120.0	1.8	4.0	8
P0630.063-013-ZP	6.3	13.0	1.8	4.8	10
P0630.063-016-ZP	6.3	16.0	1.8	4.8	10
P0630.063-019-ZP	6.3	19.0	1.8	4.8	10
P0630.063-022-ZP	6.3	22.0	1.8	4.8	10
P0630.063-025-ZP	6.3	25.0	1.8	4.8	10
P0630.063-032-ZP	6.3	32.0	1.8	4.8	10
P0630.063-038-ZP	6.3	38.0	1.8	4.8	10
P0630.063-045-ZP	6.3	45.0	1.8	4.8	10
P0630.063-050-ZP	6.3	50.0	1.8	4.8	10
P0630.063-055-ZP	6.3	55.0	1.8	4.8	10
P0630.063-060-ZP	6.3	60.0	1.8	4.8	10
P0630.063-070-ZP	6.3	70.0	1.8	4.8	10
P0630.063-080-ZP	6.3	80.0	1.8	4.8	10
P0630.063-090-ZP	6.3	90.0	1.8	4.8	10
P0630.063-100-ZP	6.3	100.0	1.8	4.8	10
P0630.063-110-ZP	6.3	110.0	1.8	4.8	10
P0630.063-120-ZP	6.3	120.0	1.8	4.8	10
P0630.080-013-ZP	8.0	13.0	2.1	5.8	13
P0630.080-016-ZP	8.0	16.0	2.1	5.8	13
P0630.080-019-ZP	8.0	19.0	2.1	5.8	13
P0630.080-022-ZP	8.0	22.0	2.1	5.8	13
P0630.080-025-ZP	8.0	25.0	2.1	5.8	13
P0630.080-032-ZP	8.0	32.0	2.1	5.8	13
P0630.080-038-ZP	8.0	38.0	2.1	5.8	13
P0630.080-045-ZP	8.0	45.0	2.1	5.8	13
P0630.080-050-ZP	8.0	50.0	2.1	5.8	13



Hex Head AB Tappers

AB Tappers - steel, zinc-plated



Order No.	d ₁	l ₁	l ₂	h ₁	A/F
P0630.080-055-ZP	8.0	55.0	2.1	5.8	13
P0630.080-060-ZP	8.0	60.0	2.1	5.8	13
P0630.080-070-ZP	8.0	70.0	2.1	5.8	13

SELF TAPPERS

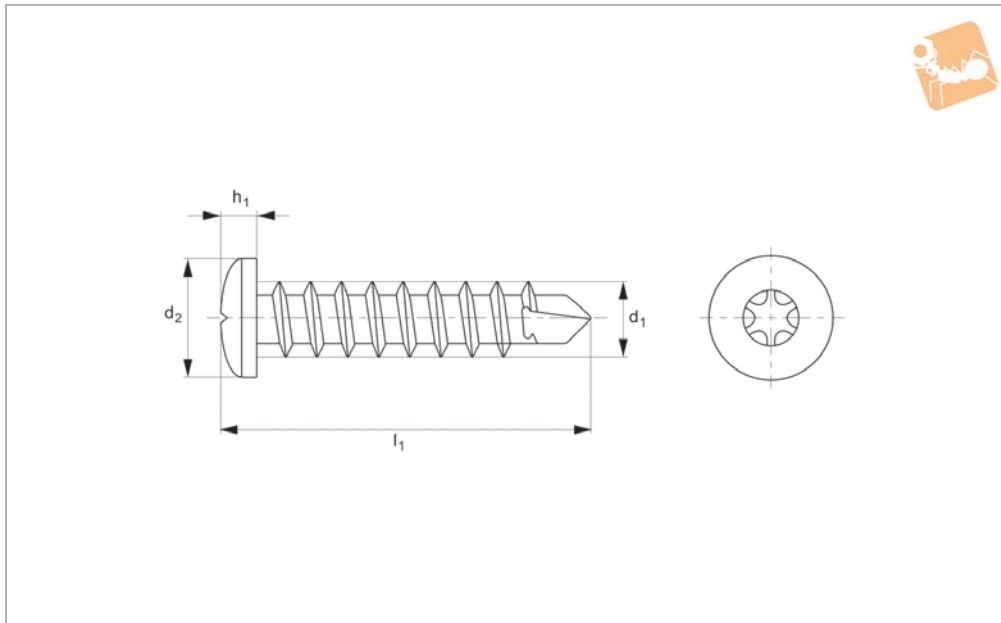


Pan Head TX Self-Drilling

TX - steel, zinc-plated



Self Drilling



P0644.ZP

SELF DRILLING

Material

Steel, zinc plated.

Technical Notes

To DIN 7504-TX. Self-drilling thread.

Order No.	d ₁	l ₁	d ₂	h ₁	Size
P0644.035-009-ZP	3.5	9.5	6.9	2.6	TX-10
P0644.035-013-ZP	3.5	13	6.9	2.6	TX-10
P0644.035-016-ZP	3.5	16	6.9	2.6	TX-10
P0644.035-019-ZP	3.5	19	6.9	2.6	TX-10
P0644.035-022-ZP	3.5	22	6.9	2.6	TX-10
P0644.035-025-ZP	3.5	25	6.9	2.6	TX-10
P0644.039-013-ZP	3.9	13	7.5	2.8	TX-20
P0644.039-016-ZP	3.9	16	7.5	2.8	TX-20
P0644.039-019-ZP	3.9	19	7.5	2.8	TX-20
P0644.039-022-ZP	3.9	22	7.5	2.8	TX-20
P0644.039-025-ZP	3.9	25	7.5	2.8	TX-20
P0644.039-032-ZP	3.9	32	7.5	2.8	TX-20
P0644.039-038-ZP	3.9	38	7.5	2.8	TX-20
P0644.042-013-ZP	4.2	13	8.2	3.05	TX-20
P0644.042-016-ZP	4.2	16	8.2	3.05	TX-20
P0644.042-019-ZP	4.2	19	8.2	3.05	TX-20
P0644.042-022-ZP	4.2	22	8.2	3.05	TX-20
P0644.042-025-ZP	4.2	25	8.2	3.05	TX-20
P0644.042-032-ZP	4.2	32	8.2	3.05	TX-20
P0644.042-038-ZP	4.2	38	8.2	3.05	TX-20
P0644.048-013-ZP	4.8	13	9.8	3.55	TX-25
P0644.048-016-ZP	4.8	16	9.8	3.55	TX-25
P0644.048-019-ZP	4.8	19	9.8	3.55	TX-25
P0644.048-022-ZP	4.8	22	9.8	3.55	TX-25
P0644.048-025-ZP	4.8	25	9.8	3.55	TX-25
P0644.048-032-ZP	4.8	32	9.8	3.55	TX-25
P0644.048-038-ZP	4.8	38	9.8	3.55	TX-25
P0644.048-045-ZP	4.8	45	9.8	3.55	TX-25
P0644.048-050-ZP	4.8	50	9.8	3.55	TX-25
P0644.048-060-ZP	4.8	60	9.8	3.55	TX-25



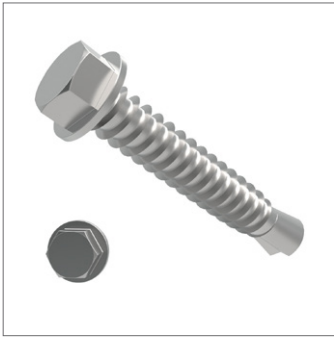
Self Drilling

Hex Seal Washer Head Self-Drilling

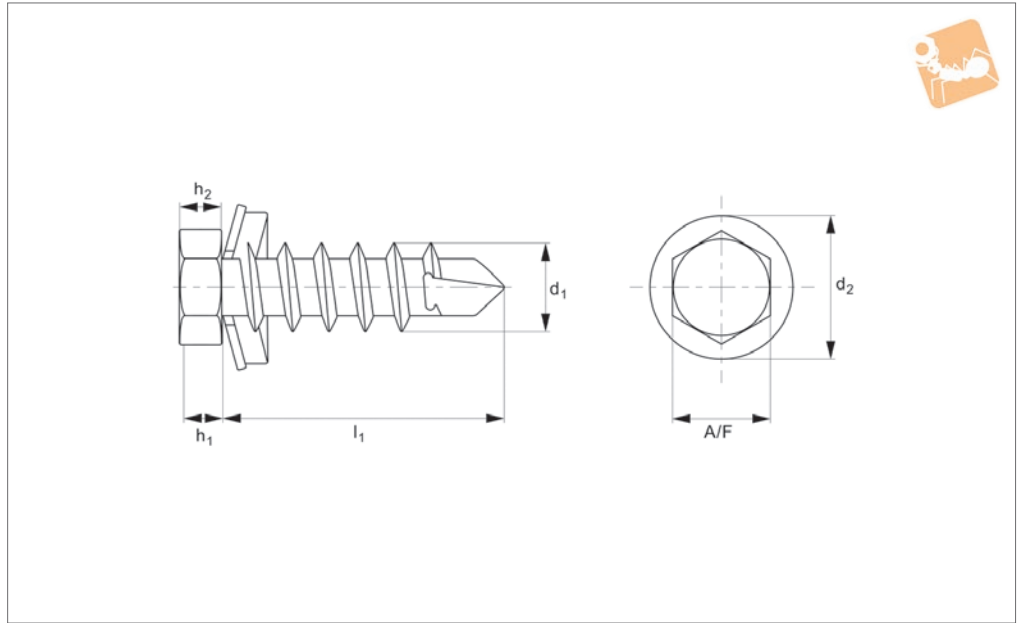
Seal - steel, zinc-plated



SELF DRILLING



P0646.ZP



Material

Steel, zinc-plated.

Technical Notes

To DIN 7504-K, with 16mm sealing washer.

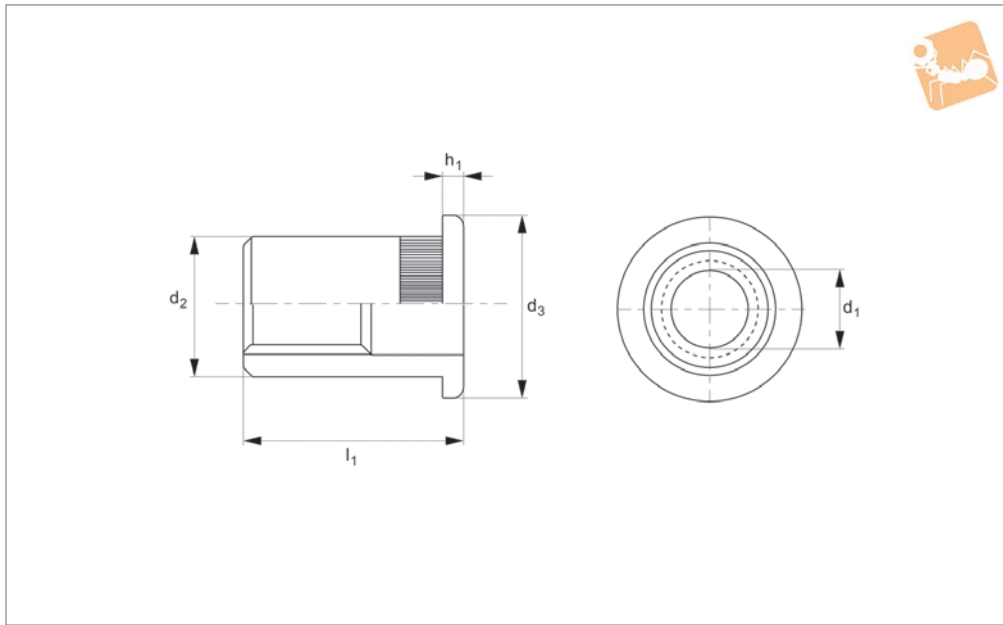
Order No.	d ₁	l ₁	d ₂	h ₁	s ₁
P0646.055-019-ZP	5.5	19	11.0	5.4	SW8
P0646.055-022-ZP	5.5	22	11.0	5.4	SW8
P0646.055-025-ZP	5.5	25	11.0	5.4	SW8
P0646.055-032-ZP	5.5	32	11.0	5.4	SW8
P0646.055-035-ZP	5.5	35	11.0	5.4	SW8
P0646.055-038-ZP	5.5	38	11.0	5.4	SW8
P0646.055-045-ZP	5.5	45	11.0	5.4	SW8
P0646.055-050-ZP	5.5	50	11.0	5.4	SW8
P0646.055-060-ZP	5.5	60	11.0	5.4	SW8
P0646.055-070-ZP	5.5	70	11.0	5.4	SW8



Flange Head Knurled Insert Nuts

A2 stainless

Insert Nuts



P0820.A2

INSERT NUTS

Material

Stainless steel (A2, AISI 303).

Technical Notes

Knurled body type, plain available on request.

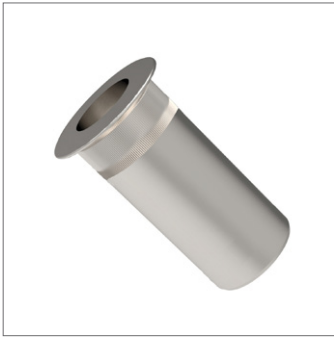
Flange head insert nuts are recommended for use in load bearing applications. The larger sized head acts as a reinforcement to the hole and provides resistance to push-out.

The knurled body provides extra turning resistance and the head acts as a spacer.

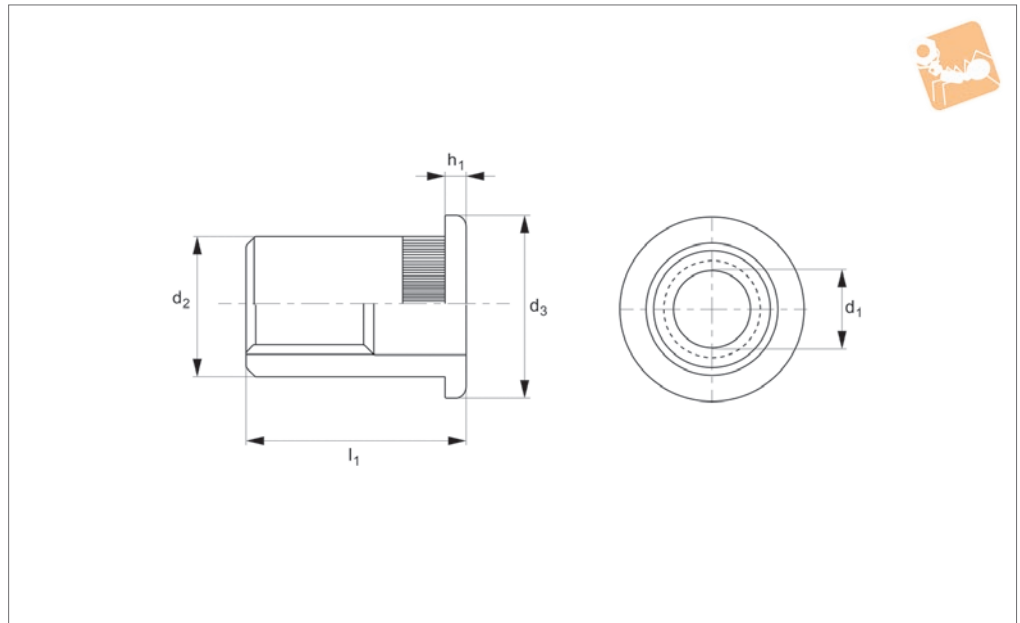
Tips

Also known as blind rivet nuts or grip nuts.

Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0820.030-020-A2	M 3	0,5-2,0	4.9	8.0	0.8	9.8
P0820.040-025-A2	M 4	0,5-2,5	5.9	9.0	1.0	12.0
P0820.040-040-A2	M 4	2,5-4,0	5.9	9.0	1.0	13.5
P0820.050-025-A2	M 5	0,5-3,0	6.9	10.0	1.0	13.0
P0820.050-055-A2	M 5	3,0-5,5	6.9	10.0	1.0	16.0
P0820.060-030-A2	M 6	0,5-3,0	8.9	12.0	1.5	15.5
P0820.060-055-A2	M 6	3,0-5,5	8.9	12.0	1.5	18.5
P0820.080-030-A2	M 8	0,5-3,0	10.9	15.0	1.5	17.5
P0820.080-055-A2	M 8	3,0-5,5	10.9	15.0	1.5	20.0
P0820.100-035-A2	M10	1,0-3,5	12.9	17.0	2.0	21.0
P0820.100-060-A2	M10	3,5-6,0	12.9	17.0	2.0	23.5
P0820.120-040-A2	M12	1,0-4,0	15.9	23.0	2.0	25.0



P0820.AL



Material
Aluminium.

Technical Notes
Knurled body type, plain available on request.

Flange head insert nuts are recommended for use in load bearing applications. The larger sized head acts as a reinforcement to the hole and provides resistance to push-out.

The knurled body provides extra turning resistance and the head acts as a spacer.

Tips
Also known as blind rivet nuts or grip nuts.

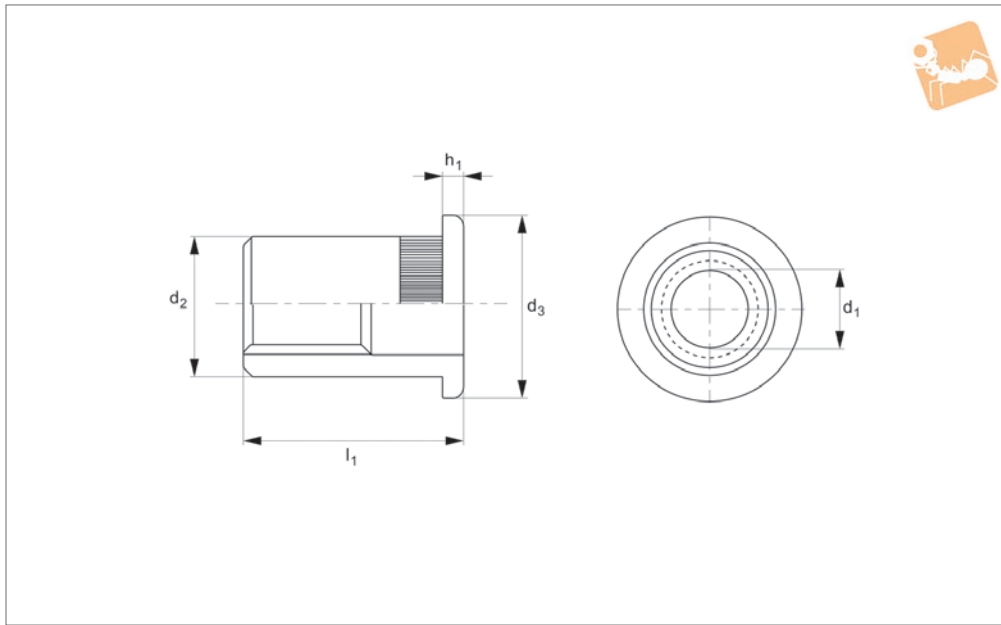
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0820.030-025-AL	M 3	0,5-2,5	4.9	7.0	0.8	10.5
P0820.030-035-AL	M 3	2,5-3,5	4.9	7.0	0.8	11.5
P0820.040-030-AL	M 4	0,5-3,0	5.9	9.0	1.0	11.0
P0820.040-045-AL	M 4	3,0-4,0	5.9	9.0	1.0	14.0
P0820.050-025-AL	M 5	0,5-3,0	6.9	10.0	1.0	13.0
P0820.050-055-AL	M 5	3,0-5,5	6.9	10.0	1.0	16.0
P0820.050-080-AL	M 5	5,5-8,0	6.9	10.0	1.0	19.0
P0820.060-030-AL	M 6	0,5-3,0	8.9	12.0	1.5	16.0
P0820.060-055-AL	M 6	3,0-5,5	8.9	12.0	1.5	18.5
P0820.060-080-AL	M 6	5,5-8,0	8.9	12.0	1.5	21.0
P0820.080-030-AL	M 8	0,5-3,0	10.9	15.0	1.5	17.5
P0820.080-055-AL	M 8	3,0-5,5	10.9	15.0	1.5	20.0
P0820.080-080-AL	M 8	5,5-8,0	10.9	15.0	1.5	22.5
P0820.080-105-AL	M 8	8,0-10,5	10.9	15.0	1.5	25.0
P0820.100-030-AL	M10	0,5-3,0	11.9	16.0	2.0	19.0
P0820.100-060-AL	M10	3,0-6,0	11.9	16.0	2.0	24.0
P0820.100-090-AL	M10	6,0-9,0	11.9	16.0	2.0	27.0
P0820.100-120-AL	M10	9,0-12,0	11.9	16.0	2.0	30.0
P0820.120-040-AL	M12	1,0-4,0	15.9	22.0	2.0	25.0
P0820.120-070-AL	M12	4,0-7,0	15.9	22.0	2.0	28.0
P0820.120-100-AL	M12	7,0-10,0	15.9	22.0	2.0	31.0



Flange Head Knurled Insert Nuts

Steel, zinc-plated

Insert Nuts



P0820.ZP

INSERT NUTS

Material

Steel, zinc-plated.

Technical Notes

Knurled body type, plain available on request.

Flange head insert nuts are recommended for use in load bearing applications. The larger sized head acts as a reinforcement to the hole and provides resistance to push-out.

The knurled body provides extra turning resistance and the head acts as a spacer.

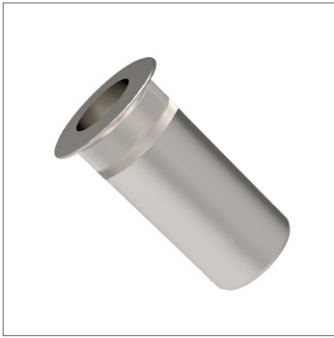
Tips

Also known as blind rivet nuts or grip nuts.

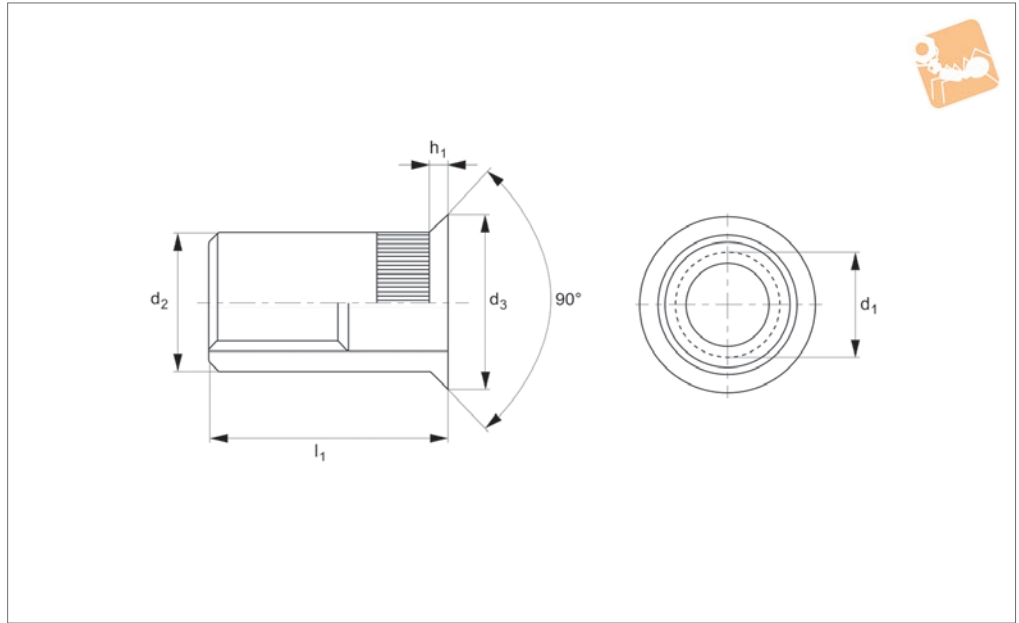
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0820.030-025-ZP	M 3	0,5-2,5	4.9	7.0	0.9	10.9
P0820.030-040-ZP	M 3	2,5-4,0	4.9	7.0	0.9	11.5
P0820.040-025-ZP	M 4	0,5-2,5	5.9	9.0	0.9	11.6
P0820.040-055-ZP	M 4	3,0-5,5	5.9	9.0	1.0	14.0
P0820.050-025-ZP	M 5	0,5-2,5	6.9	10.0	1.0	13.0
P0820.060-030-ZP	M 6	0,5-3,0	8.9	12.3	1.3	15.5
P0820.060-055-ZP	M 6	3,0-5,5	8.9	12.3	1.3	19.5
P0820.060-080-ZP	M 6	5,5-8,0	8.9	12.3	1.5	21.0
P0820.080-030-ZP	M 8	0,7-3,0	10.9	16.0	1.5	17.5
P0820.080-055-ZP	M 8	3,0-5,5	10.9	16.0	1.5	20.0
P0820.080-060-ZP	M 8	3,5-6,0	10.9	15.0	1.5	21.0
P0820.080-080-ZP	M 8	5,5-8,0	10.9	15.0	1.6	24.0
P0820.080-105-ZP	M 8	8,0-10,5	10.9	15.0	1.6	25.0
P0820.100-030-ZP	M10	1,0-3,0	11.9	16.0	2.0	19.0
P0820.100-060-ZP	M10	3,0-6,0	11.9	16.0	2.0	24.0
P0820.100-090-ZP	M10	6,0-9,0	11.9	16.0	2.0	27.0
P0820.100-120-ZP	M10	9,0-12,0	11.9	16.0	2.0	30.0
P0820.100-035-ZP	M10	1,0-3,5	12.9	19.0	2.0	21.0
P0820.100-060A-ZP	M10	3,5-6,0	12.9	19.0	2.0	23.5
P0820.120-040-ZP	M12	1,0-4,0	15.9	22.0	2.1	25.0
P0820.120-070-ZP	M12	4,0-7,0	15.9	22.0	2.1	28.0
P0820.120-100-ZP	M12	7,0-10,0	15.9	22.0	2.1	31.0
P0820.050-055-ZP	M 5	3,0-5,5	6.9	10.0	1.0	16.0
P0820.050-080-ZP	M 5	5,5-8,0	6.9	10.0	1.0	19.0



INSERT NUTS



P0821.ZP



Material

Steel, zinc-plated.

Technical Notes

Knurled body type.

The countersunk head is a stronger type of

head and will ensure a flush finish in a countersunk hole. The knurled body provides extra turning resistance.

Tips

Also known as blind rivet nuts or grip nuts.

Important Notes

Lip Height:

M3-M8: 0<1.5

M10: 1.5<1.7

M12: 1.7<1.9

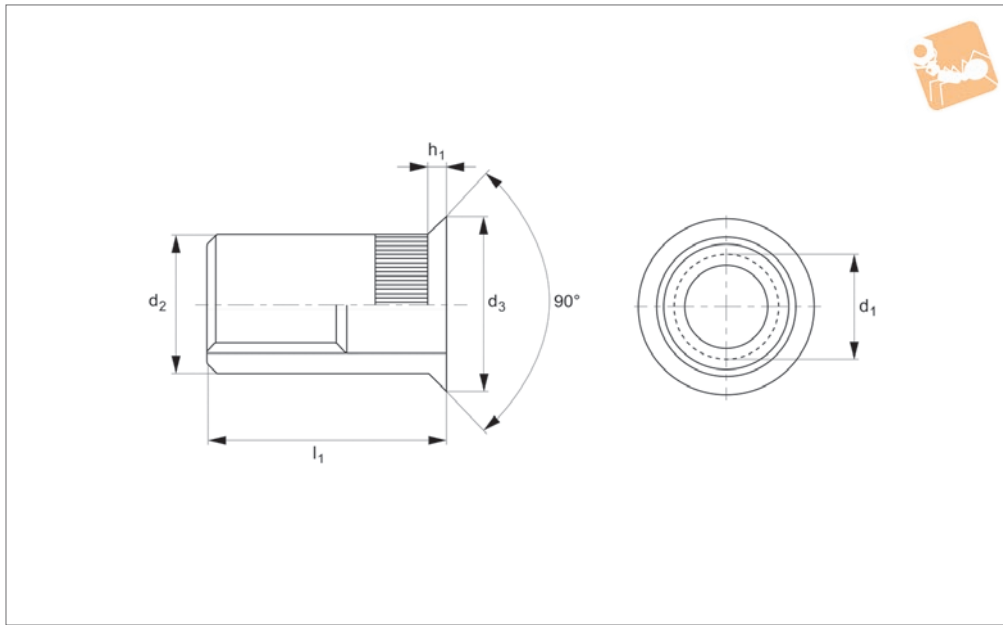
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0821.030-035-ZP	M 3	1,5-3,5	4,9	7,5	1,5	11,5
P0821.030-050-ZP	M 3	3,5-5,0	4,9	7,5	1,5	12,5
P0821.040-035-ZP	M 4	1,5-3,5	5,9	8,5	1,5	12,0
P0821.040-065-ZP	M 4	3,5-6,5	5,9	8,5	1,5	15,0
P0821.050-040-ZP	M 5	1,5-4,0	6,9	9,5	1,5	13,0
P0821.050-065-ZP	M 5	4,0-6,5	6,9	9,5	1,5	16,0
P0821.050-090-ZP	M 5	6,5-9,0	6,9	9,5	1,5	18,5
P0821.060-040-ZP	M 6	1,5-4,0	8,9	11,5	1,5	15,5
P0821.060-065-ZP	M 6	4,0-6,5	8,9	11,5	1,5	18,0
P0821.060-090-ZP	M 6	6,5-9,0	8,9	11,5	1,5	20,5
P0821.080-045-ZP	M 8	1,7-4,5	10,9	13,5	1,5	18,5
P0821.080-065-ZP	M 8	4,0-6,5	10,9	13,5	1,5	21,0
P0821.080-090-ZP	M 8	6,5-9,0	10,9	13,5	1,5	23,5
P0821.100-045-ZP	M10	2,0-4,5	11,9	14,5	1,7	21,0
P0821.100-075-ZP	M10	4,5-7,5	11,9	14,5	1,7	24,0
P0821.100-105-ZP	M10	7,5-10,5	11,9	14,5	1,7	27,0
P0821.120-045-ZP	M12	2,0-4,5	15,9	19,0	1,9	24,5
P0821.120-075-ZP	M12	4,5-7,5	15,9	19,0	1,9	27,5
P0821.120-105-ZP	M12	7,5-10,5	15,9	19,0	1,9	31,0



Countersunk Insert Nuts

A2 stainless

Insert Nuts



P0821.A2

INSERT NUTS

Material

Stainless steel (A2, AISI 303).

Technical Notes

Knurled body type, plain available on request.

The countersunk head is a stronger type of

head and will ensure a flush finish in a countersunk hole. The knurled body provides extra turning resistance.

Tips

Also known as blind rivet nuts or grip nuts.

Important Notes

Lip Height:

M3-M8: 0<1.5

M10: 1.5<1.7

M12: 1.7<1.9

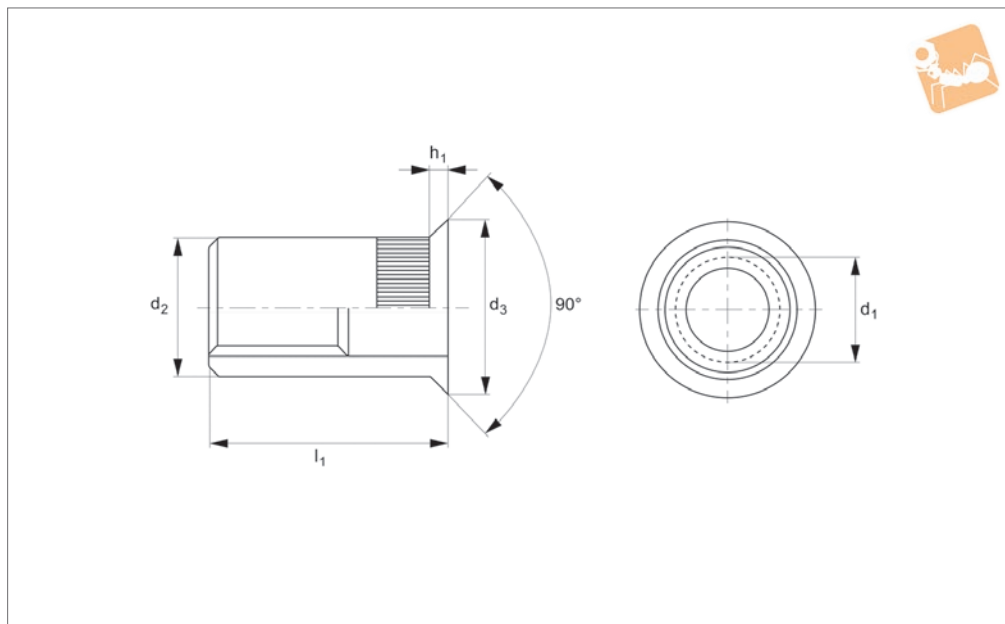
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0821.030-035-A2	M 3	1,5-3,5	4.9	7.5	1.5	11.5
P0821.040-040-A2	M 4	1,5-4,0	5.9	8.5	1.5	12.5
P0821.050-040-A2	M 5	1,5-4,0	6.9	9.5	1.5	13.5
P0821.050-065-A2	M 5	4,0-6,5	6.9	9.5	1.5	16.0
P0821.060-045-A2	M 6	1,5-4,5	8.9	11.5	1.5	16.0
P0821.060-065-A2	M 6	4,0-6,5	8.9	11.5	1.5	18.0
P0821.080-040-A2	M 8	1,5-4,0	10.9	13.5	1.5	18.0
P0821.080-065-A2	M 8	4,0-6,5	10.9	13.5	1.5	21.0
P0821.100-045-A2	M10	2,0-4,5	12.9	15.5	1.8	21.0
P0821.100-075-A2	M10	4,5-7,5	12.9	15.5	1.8	24.0
P0821.120-045-A2	M12	2,0-4,5	15.9	19.0	2.0	24.5
P0821.120-075-A2	M12	4,5-7,5	15.9	19.0	2.0	27.5



INSERT NUTS



P0821.AL



Material
Aluminium.

Technical Notes
Knurled body type, plain available on request.
The countersunk head is a stronger type of

head and will ensure a flush finish in a countersunk hole. The knurled body provides extra turning resistance.

Tips
Also known as blind rivet nuts or grip nuts.

Important Notes
Lip Height:
M3-M8: 0<1.5
M10: 1.5<1.7
M12: 1.7<1.9

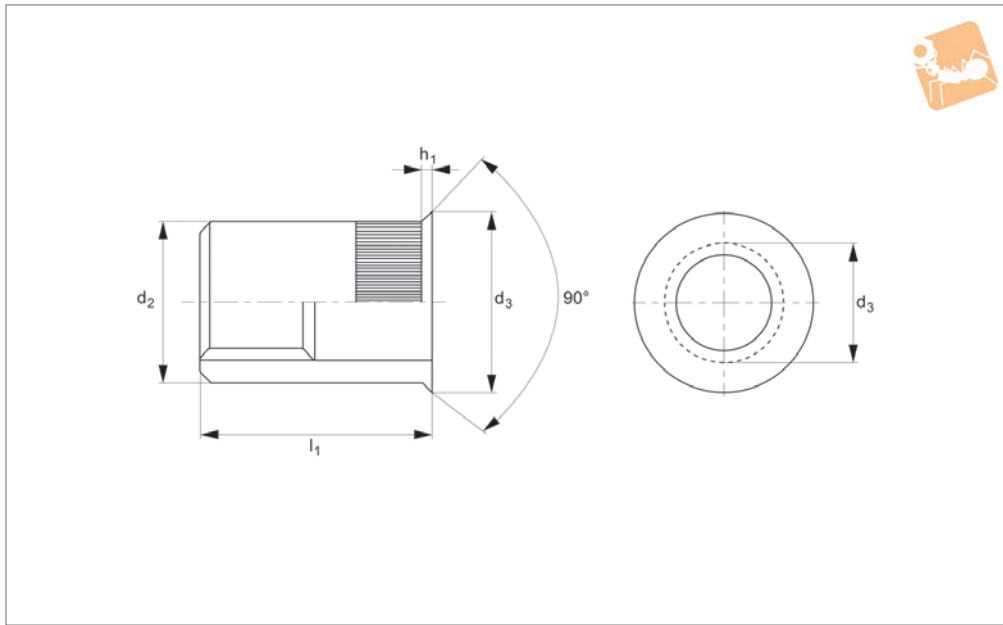
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0821.030-035-AL	M 3	1,5-3,5	4.9	7.5	1.5	11.5
P0821.030-045-AL	M 3	3,5-4,5	4.9	7.5	1.5	12.5
P0821.040-040-AL	M 4	1,5-4,0	5.9	8.5	1.5	12.5
P0821.040-055-AL	M 4	4,0-5,5	5.9	8.5	1.5	15.0
P0821.050-040-AL	M 5	1,5-4,0	6.9	9.5	1.5	13.5
P0821.050-065-AL	M 5	4,0-6,5	6.9	9.5	1.5	16.0
P0821.050-090-AL	M 5	6,5-9,0	6.9	9.5	1.5	18.5
P0821.060-040-AL	M 6	1,5-4,0	8.9	11.5	1.5	15.5
P0821.060-065-AL	M 6	4,0-6,5	8.9	11.5	1.5	18.0
P0821.060-090-AL	M 6	6,5-9,0	8.9	11.5	1.5	20.5
P0821.080-040-AL	M 8	1,5-4,0	10.9	13.5	1.5	18.5
P0821.080-065-AL	M 8	4,0-6,5	10.9	13.5	1.5	21.0
P0821.080-090-AL	M 8	6,5-9,0	10.9	13.5	1.5	23.5
P0821.100-045-AL	M10	2,0-4,5	11.9	14.5	1.7	21.0
P0821.100-075-AL	M10	4,5-7,5	11.9	14.5	1.7	24.0
P0821.100-105-AL	M10	7,5-10,5	11.9	14.5	1.7	27.0
P0821.120-045-AL	M12	2,0-4,5	15.9	19.0	1.9	24.5
P0821.120-075-AL	M12	4,5-7,5	15.9	19.0	1.9	27.5
P0821.120-105-AL	M12	7,5-10,5	15.9	19.0	1.9	31.0



Reduced C'snk Head Insert Nuts

Reduced - steel, zinc-plated

Insert Nuts



P0824.ZP

INSERT NUTS

Material

Steel, zinc-plated.

Technical Notes

Knurled body type, plain available on request.

Provides near flush installation in thin

materials.

The knurled body provides extra turning resistance.

Tips

Also known as blind rivet nuts or grip nuts.

Important Notes

Reduced height head.

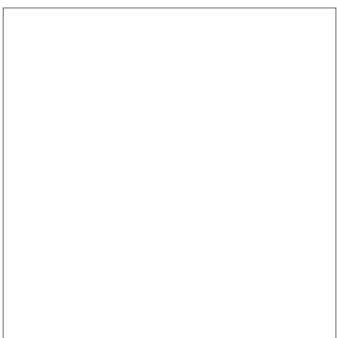
M3-M8: 0<0.7

M10: 0.7<0.9

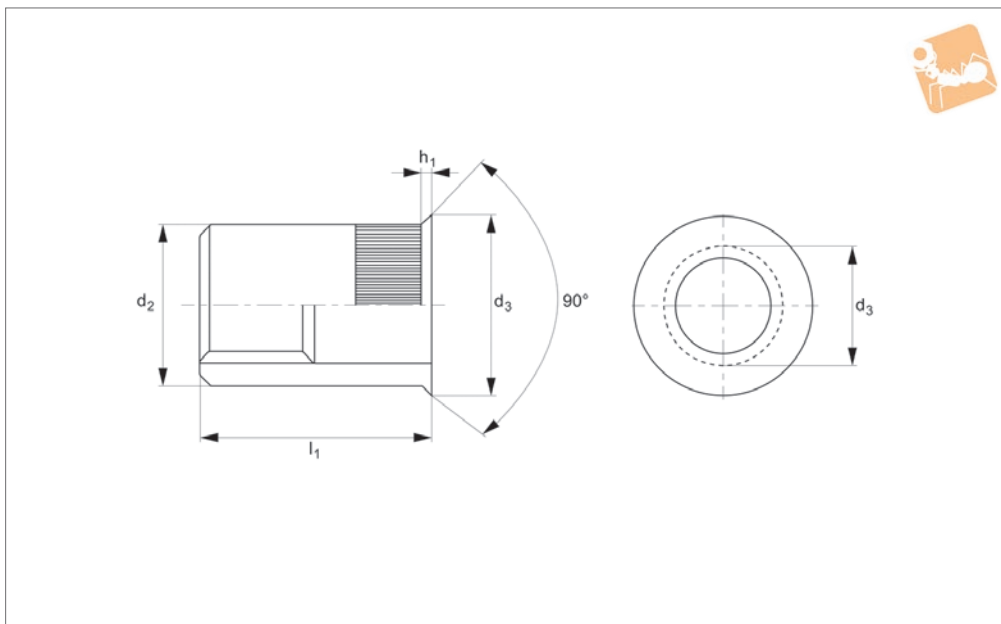
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0824.030-020-ZP	M 3	0,5-2,0	4.9	6.0	0.5	9.0
P0824.040-025-ZP	M 4	0,5-2,5	5.9	6.7	0.5	11.3
P0824.040-040-ZP	M 4	2,0-4,0	5.9	7.0	0.5	13.0
P0824.050-030-ZP	M 5	0,5-3,0	6.9	8.0	0.5	12.0
P0824.050-040-ZP	M 5	2,0-4,0	6.9	8.0	0.5	13.0
P0824.060-030-ZP	M 6	0,5-3,0	8.9	10.0	0.6	14.0
P0824.060-045-ZP	M 6	2,5-4,5	8.9	10.0	0.6	16.0
P0824.080-038-ZP	M 8	0,5-3,8	10.9	12.0	0.6	17.3
P0824.080-050-ZP	M 8	3,0-5,0	10.9	12.0	0.6	18.5
P0824.100-035-ZP	M10	0,7-3,5	11.9	13.0	0.7	20.0
P0824.100-035A-ZP	M10	0,7-3,5	12.9	14.0	0.8	21.0
P0824.100-060-ZP	M10	3,5-6,0	12.9	14.0	0.8	22.0
P0824.120-035-ZP	M12	1,0-3,5	15.9	17.0	1.0	24.2



INSERT NUTS



P0824.A4



Material
Stainless steel (A4, AISI 316).

Provides near flush installation in thin materials.

Important Notes
Reduced height head.
M3-M8: 0<0.7
M10: 0.7<0.9

Technical Notes
Plain body type.

Tips
Also known as blind rivet nuts or grip nuts.

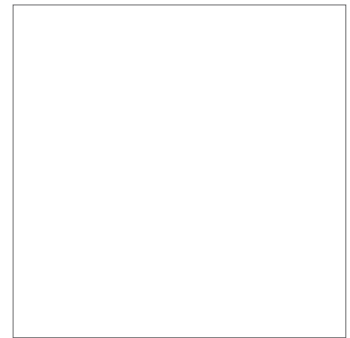
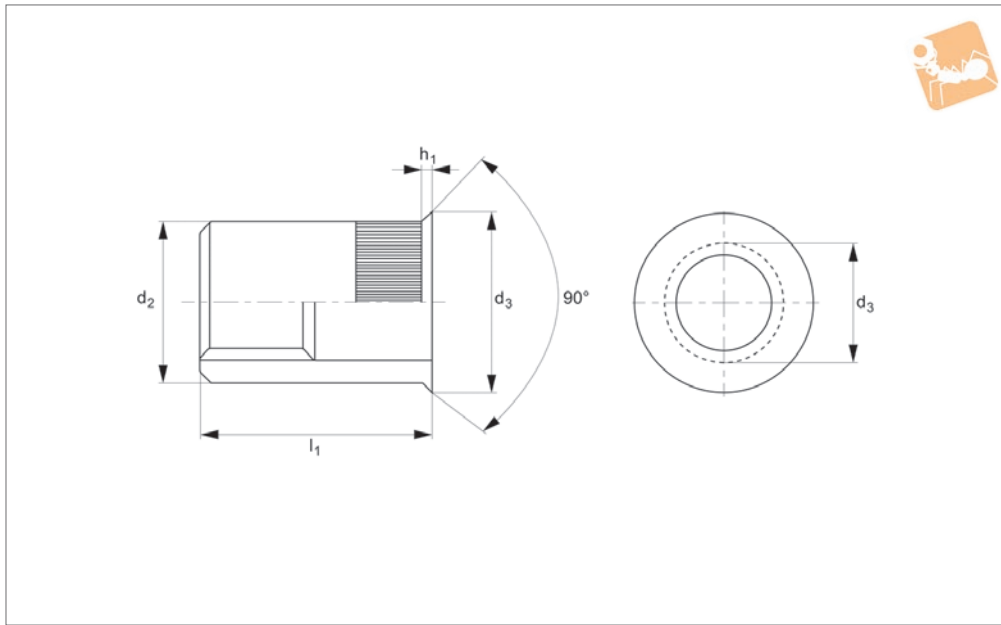
Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0824.040-020-A4	M 4	0,5-2,0	6.0	6.5	0.5	11.0
P0824.050-030-A4	M 5	0,5-3,0	7.0	7.5	0.5	12.0
P0824.060-030-A4	M 6	0,5-3,0	9.0	9.50	0.5	14.5
P0824.080-030-A4	M 8	0,5-3,0	11.0	11.5	0.5	16.0



Reduced C'snk Head Insert Nuts

Reduced - Aluminium

Insert Nuts



P0824.AL

INSERT NUTS

Material

Aluminium.

Technical Notes

Knurled body type, plain available on request.
Provides near flush installation in thin

materials.

The knurled body provides extra turning resistance.

Tips

Also known as blind rivet nuts or grip nuts.

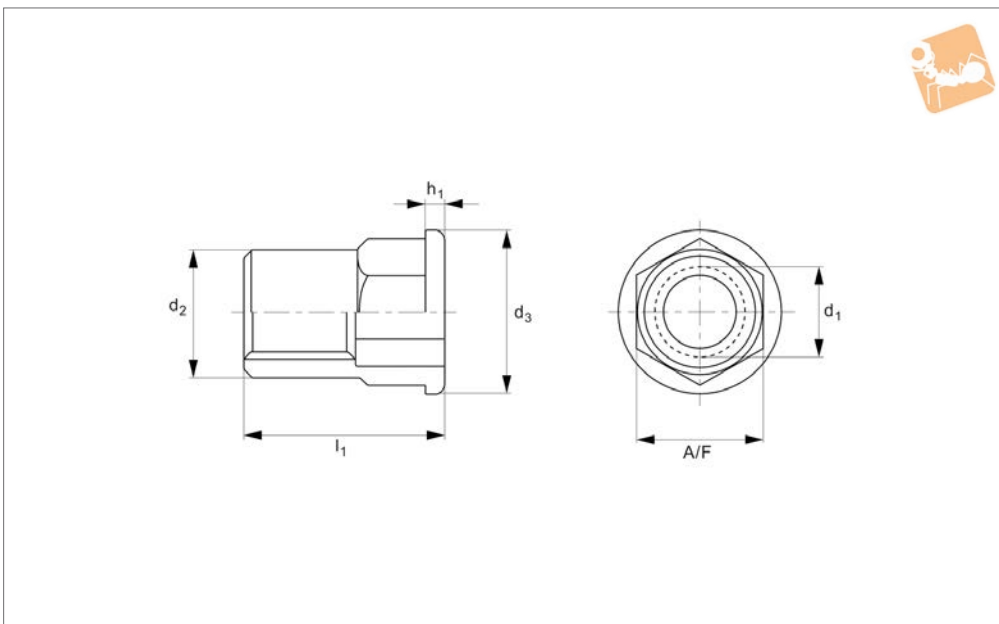
Important Notes

Reduced height head.
M3-M8: 0<0.7
M10: 0.7<0.9

Order No.	d ₁	Grip range	d ₂ +0 -0.2	d ₃	h ₁	l ₁
P0824.030-025-AL	M3	0,5-2,5	4.9	6.0	0.6	9.5
P0824.040-030-AL	M4	0,5-3,0	5.9	7.0	0.6	10.0
P0824.050-030-AL	M5	0,5-3,0	6.9	8.0	0.6	11.5
P0824.060-030-AL	M6	0,5-3,0	8.9	10.0	0.6	14.0
P0824.080-030-AL	M8	0,5-3,0	10.9	12.0	0.6	15.5



P0823.A2



Material

Stainless steel (A2, AISI 303).

Technical Notes

Plain body type.

Hexagon body insert nuts prevent the

problem of a nut turning after being installed. Flange head insert nuts are recommended for use in load bearing applications. The larger sized head acts as a reinforcement to the hole, provides resi-

stance to push-out and acts as a spacer.

Tips

Also known as blind rivet nuts or grip nuts.

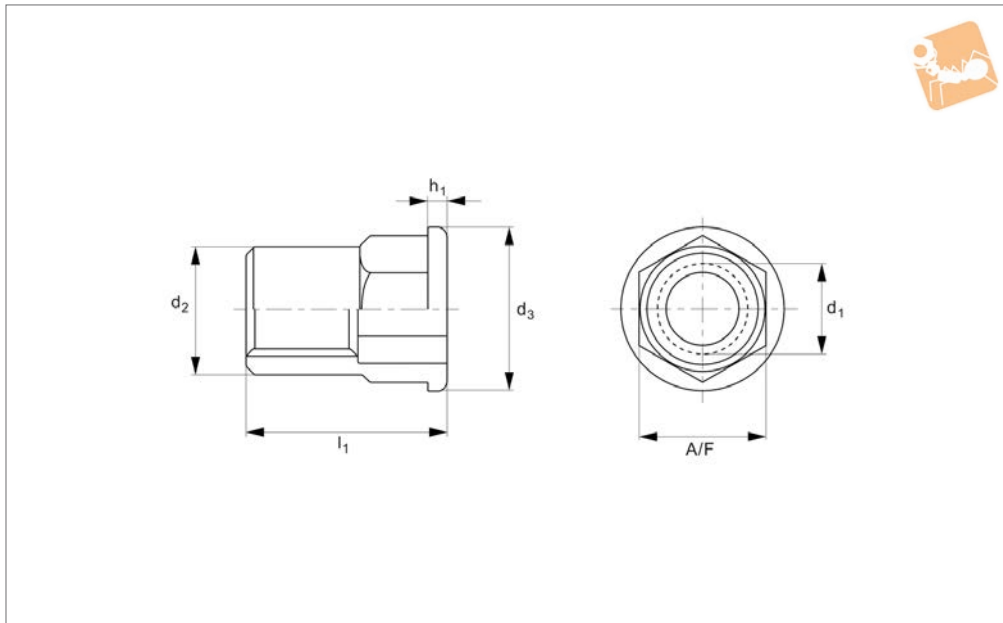
Order No.	d ₁	Grip range	A/F	d ₂	h ₁	l ₁
P0823.040-025-A2	M 4	0,5-2,5	6.0	9.0	1.0	11.5
P0823.050-030-A2	M 5	0,5-3,0	7.0	10.0	1.0	13.0
P0823.060-030-A2	M 6	0,5-3,0	9.0	12.0	1.5	15.5
P0823.080-030-A2	M 8	0,5-3,0	11.0	14.5	1.5	17.5
P0823.100-035-A2	M10	1,0-3,5	13.0	16.5	2.0	21.5



Flat Half Hex Insert Nuts

A4 stainless

Insert Nuts



P0823.A4

INSERT NUTS

Material

Stainless steel (A4, AISI 316).

Technical Notes

Plain body type.

Hexagon body insert nuts prevent the

problem of a nut turning after being installed. Flange head insert nuts are recommended for use in load bearing applications. The larger sized head acts as a reinforcement to the hole, provides resi-

stance to push-out and acts as a spacer.

Tips

Also known as blind rivet nuts or grip nuts.

Order No.	d ₁	Grip range	A/F	d ₂	h ₁	l ₁
P0823.040-025-A4	M4	0,5-2,5	6.0	9.0	1.0	12.0
P0823.050-030-A4	M5	0,5-3,0	7.0	10.0	1.0	12.5
P0823.060-030-A4	M6	0,5-3,0	9.0	12.0	1.5	16.0
P0823.080-030-A4	M8	0,5-3,0	11.0	15.0	1.5	17.5

Rivet Bushes

Hexagon Rivet Bushes

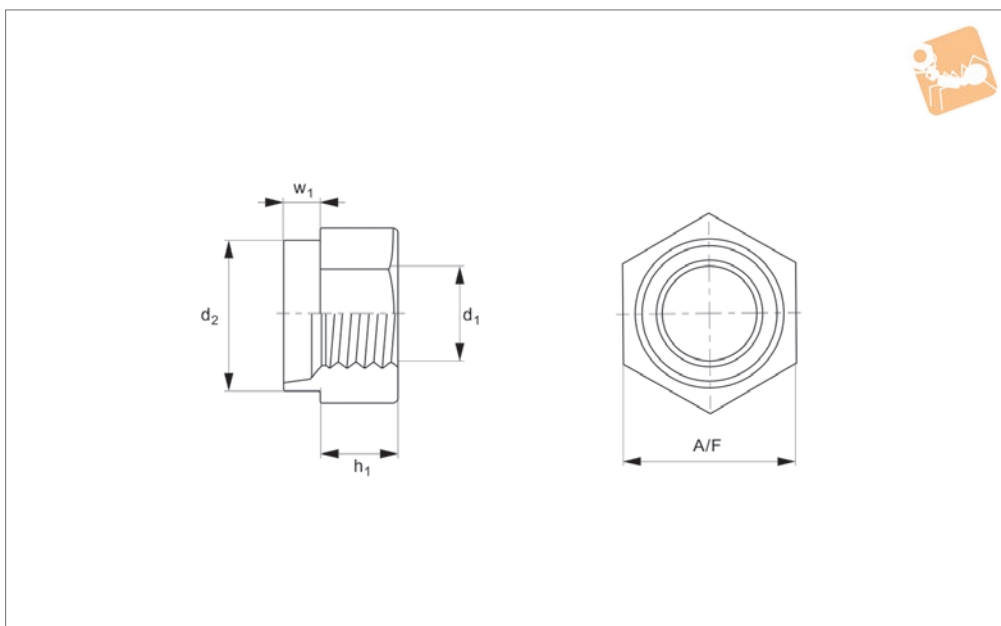
A2 stainless



RIVET BUSHES



P0827.A2



Material

Stainless steel (A2, AISI 303).

of a thin spigot. For hexagon rivet bushes, the presence of undercut points provides further turning resistance.

using a hammer.

Technical Notes

Rivet bushes are securely locked by means

These bushes can be installed by a press or

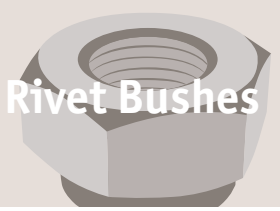
Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.030-22G-A2	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0827.030-20G-A2	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0827.030-18G-A2	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0827.030-16G-A2	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0827.030-14G-A2	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0827.030-12G-A2	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0827.030-10G-A2	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0827.030-08G-A2	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0827.040-22G-A2	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0827.040-20G-A2	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0827.040-18G-A2	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0827.040-16G-A2	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0827.040-14G-A2	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0827.040-12G-A2	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0827.040-10G-A2	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0827.040-08G-A2	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0827.050-22G-A2	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0827.050-20G-A2	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0827.050-18G-A2	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0827.050-16G-A2	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0827.050-14G-A2	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0827.050-12G-A2	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0827.050-10G-A2	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0827.050-08G-A2	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0827.060-22G-A2	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0827.060-20G-A2	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G
P0827.060-18G-A2	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0827.060-16G-A2	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0827.060-14G-A2	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0827.060-12G-A2	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0827.060-10G-A2	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0827.060-08G-A2	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0827.080-22G-A2	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0827.080-20G-A2	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G



Hexagon Rivet Bushes

A2 stainless

Rivet Bushes

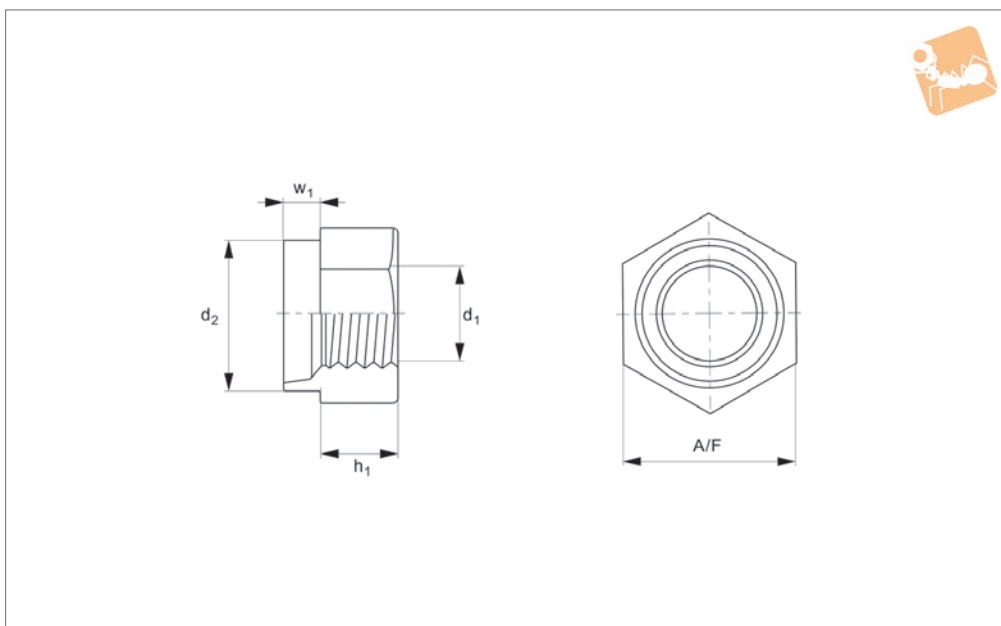


Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.080-18G-A2	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0827.080-16G-A2	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0827.080-14G-A2	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0827.080-12G-A2	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0827.080-10G-A2	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0827.080-08G-A2	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0827.100-22G-A2	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0827.100-20G-A2	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0827.100-18G-A2	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0827.100-16G-A2	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0827.100-14G-A2	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0827.100-12G-A2	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0827.100-10G-A2	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0827.100-08G-A2	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0827.120-22G-A2	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0827.120-20G-A2	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0827.120-18G-A2	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0827.120-16G-A2	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0827.120-14G-A2	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0827.120-12G-A2	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0827.120-10G-A2	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0827.120-08G-A2	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES



P0827.A4



Material

Stainless steel (A4, AISI 316).

Technical Notes

Rivet bushes are securely locked by means

of a thin spigot. For hexagon rivet bushes, the presence of undercut points provides further turning resistance.

These bushes can be installed by a press or

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.030-22G-A4	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0827.030-20G-A4	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0827.030-18G-A4	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0827.030-16G-A4	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0827.030-14G-A4	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0827.030-12G-A4	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0827.030-10G-A4	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0827.030-08G-A4	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0827.040-22G-A4	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0827.040-20G-A4	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0827.040-18G-A4	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0827.040-16G-A4	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0827.040-14G-A4	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0827.040-12G-A4	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0827.040-10G-A4	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0827.040-08G-A4	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0827.050-22G-A4	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0827.050-20G-A4	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0827.050-18G-A4	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0827.050-16G-A4	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0827.050-14G-A4	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0827.050-12G-A4	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0827.050-10G-A4	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0827.050-08G-A4	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0827.060-22G-A4	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0827.060-20G-A4	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G
P0827.060-18G-A4	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0827.060-16G-A4	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0827.060-14G-A4	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0827.060-12G-A4	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0827.060-10G-A4	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0827.060-08G-A4	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0827.080-22G-A4	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0827.080-20G-A4	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G



Hexagon Rivet Bushes

A4 stainless

Rivet Bushes



Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.080-18G-A4	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0827.080-16G-A4	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0827.080-14G-A4	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0827.080-12G-A4	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0827.080-10G-A4	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0827.080-08G-A4	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0827.100-22G-A4	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0827.100-20G-A4	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0827.100-18G-A4	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0827.100-16G-A4	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0827.100-14G-A4	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0827.100-12G-A4	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0827.100-10G-A4	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0827.100-08G-A4	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0827.120-22G-A4	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0827.120-20G-A4	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0827.120-18G-A4	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0827.120-16G-A4	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0827.120-14G-A4	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0827.120-12G-A4	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0827.120-10G-A4	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0827.120-08G-A4	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES

Rivet Bushes

Hexagon Rivet Bushes

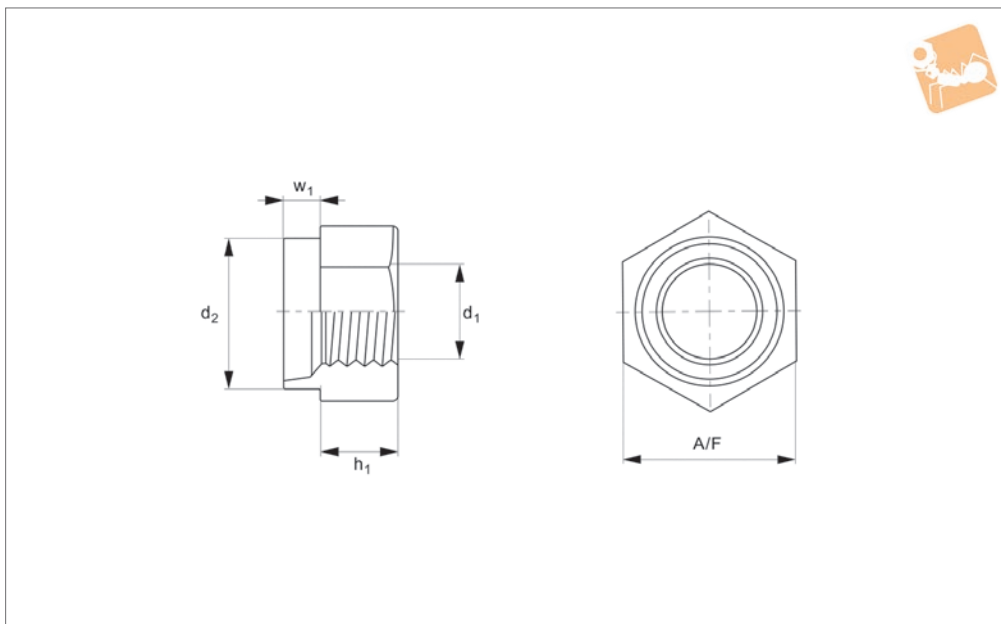
Steel, zinc-plated



RIVET BUSHES



P0827.ZP



Material

Steel, zinc-plated.

of a thin spigot. For hexagon rivet bushes, the presence of undercut points provides further turning resistance.

using a hammer.

Technical Notes

Rivet bushes are securely locked by means

These bushes can be installed by a press or

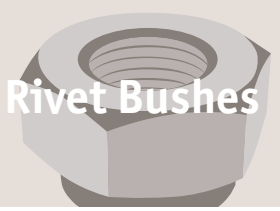
Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.030-22G-ZP	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0827.030-20G-ZP	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0827.030-18G-ZP	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0827.030-16G-ZP	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0827.030-14G-ZP	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0827.030-12G-ZP	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0827.030-10G-ZP	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0827.030-08G-ZP	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0827.040-22G-ZP	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0827.040-20G-ZP	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0827.040-18G-ZP	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0827.040-16G-ZP	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0827.040-14G-ZP	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0827.040-12G-ZP	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0827.040-10G-ZP	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0827.040-08G-ZP	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0827.050-22G-ZP	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0827.050-20G-ZP	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0827.050-18G-ZP	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0827.050-16G-ZP	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0827.050-14G-ZP	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0827.050-12G-ZP	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0827.050-10G-ZP	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0827.050-08G-ZP	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0827.060-22G-ZP	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0827.060-20G-ZP	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G
P0827.060-18G-ZP	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0827.060-16G-ZP	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0827.060-14G-ZP	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0827.060-12G-ZP	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0827.060-10G-ZP	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0827.060-08G-ZP	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0827.080-22G-ZP	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0827.080-20G-ZP	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G



Hexagon Rivet Bushes

Steel, zinc-plated

Rivet Bushes

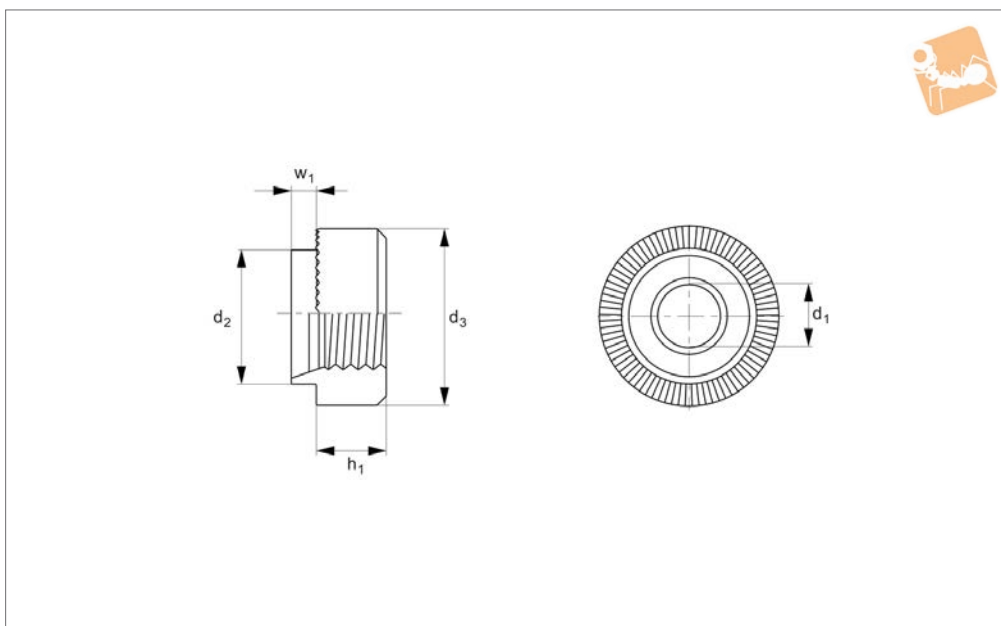


Order No.	d ₁	Panel thickness	w ₁	d ₂	A/F	h ₁	For gauge
P0827.080-18G-ZP	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0827.080-16G-ZP	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0827.080-14G-ZP	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0827.080-12G-ZP	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0827.080-10G-ZP	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0827.080-08G-ZP	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0827.100-22G-ZP	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0827.100-20G-ZP	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0827.100-18G-ZP	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0827.100-16G-ZP	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0827.100-14G-ZP	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0827.100-12G-ZP	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0827.100-10G-ZP	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0827.100-08G-ZP	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0827.120-22G-ZP	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0827.120-20G-ZP	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0827.120-18G-ZP	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0827.120-16G-ZP	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0827.120-14G-ZP	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0827.120-12G-ZP	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0827.120-10G-ZP	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0827.120-08G-ZP	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES



P0828.ZP



Material

Steel, zinc-plated.

of a thin spigot. The presence of serrations provide additional anchorage.

Technical Notes

Rivet bushes are securely locked by means

of a thin spigot. These bushes can be installed by a press or using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.030-22G-ZP	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.030-20G-ZP	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.030-18G-ZP	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.030-16G-ZP	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.030-14G-ZP	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.030-12G-ZP	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.030-10G-ZP	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.030-08G-ZP	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.035-22G-ZP	M3,5	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.035-20G-ZP	M3,5	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.035-18G-ZP	M3,5	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.035-16G-ZP	M3,5	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.035-14G-ZP	M3,5	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.035-12G-ZP	M3,5	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.035-10G-ZP	M3,5	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.035-08G-ZP	M3,5	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.040-22G-ZP	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0828.040-20G-ZP	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0828.040-18G-ZP	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0828.040-16G-ZP	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0828.040-14G-ZP	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0828.040-12G-ZP	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0828.040-10G-ZP	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0828.040-08G-ZP	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0828.050-22G-ZP	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0828.050-20G-ZP	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0828.050-18G-ZP	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0828.050-16G-ZP	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0828.050-14G-ZP	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0828.050-12G-ZP	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0828.050-10G-ZP	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0828.050-08G-ZP	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0828.060-22G-ZP	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0828.060-20G-ZP	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G



Round Rivet Bushes

Steel, zinc-plated

Rivet Bushes

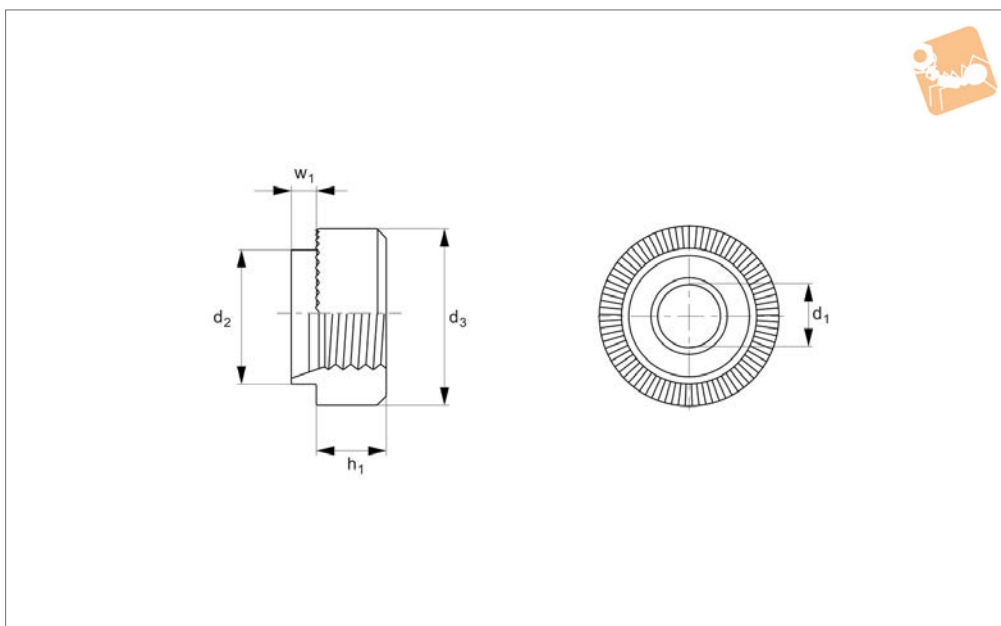


Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.060-18G-ZP	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0828.060-16G-ZP	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0828.060-14G-ZP	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0828.060-12G-ZP	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0828.060-10G-ZP	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0828.060-08G-ZP	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0828.080-22G-ZP	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0828.080-20G-ZP	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G
P0828.080-18G-ZP	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0828.080-16G-ZP	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0828.080-14G-ZP	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0828.080-12G-ZP	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0828.080-10G-ZP	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0828.080-08G-ZP	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0828.100-22G-ZP	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0828.100-20G-ZP	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0828.100-18G-ZP	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0828.100-16G-ZP	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0828.100-14G-ZP	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0828.100-12G-ZP	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0828.100-10G-ZP	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0828.100-08G-ZP	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0828.120-22G-ZP	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0828.120-20G-ZP	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0828.120-18G-ZP	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0828.120-16G-ZP	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0828.120-14G-ZP	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0828.120-12G-ZP	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0828.120-10G-ZP	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0828.120-08G-ZP	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES



P0828.A2



Material

Stainless steel (A2, AISI 303).

of a thin spigot. The presence of serrations provide additional anchorage.

Technical Notes

Rivet bushes are securely locked by means

of a thin spigot. These bushes can be installed by a press or using a hammer.

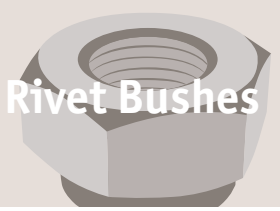
Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.030-22G-A2	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.030-20G-A2	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.030-18G-A2	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.030-16G-A2	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.030-14G-A2	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.030-12G-A2	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.030-10G-A2	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.030-08G-A2	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.035-22G-A2	M3,5	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.035-20G-A2	M3,5	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.035-18G-A2	M3,5	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.035-16G-A2	M3,5	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.035-14G-A2	M3,5	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.035-12G-A2	M3,5	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.035-10G-A2	M3,5	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.035-08G-A2	M3,5	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.040-22G-A2	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0828.040-20G-A2	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0828.040-18G-A2	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0828.040-16G-A2	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0828.040-14G-A2	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0828.040-12G-A2	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0828.040-10G-A2	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0828.040-08G-A2	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0828.050-22G-A2	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0828.050-20G-A2	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0828.050-18G-A2	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0828.050-16G-A2	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0828.050-14G-A2	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0828.050-12G-A2	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0828.050-10G-A2	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0828.050-08G-A2	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0828.060-22G-A2	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0828.060-20G-A2	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G



Round Rivet Bushes

A2 stainless

Rivet Bushes

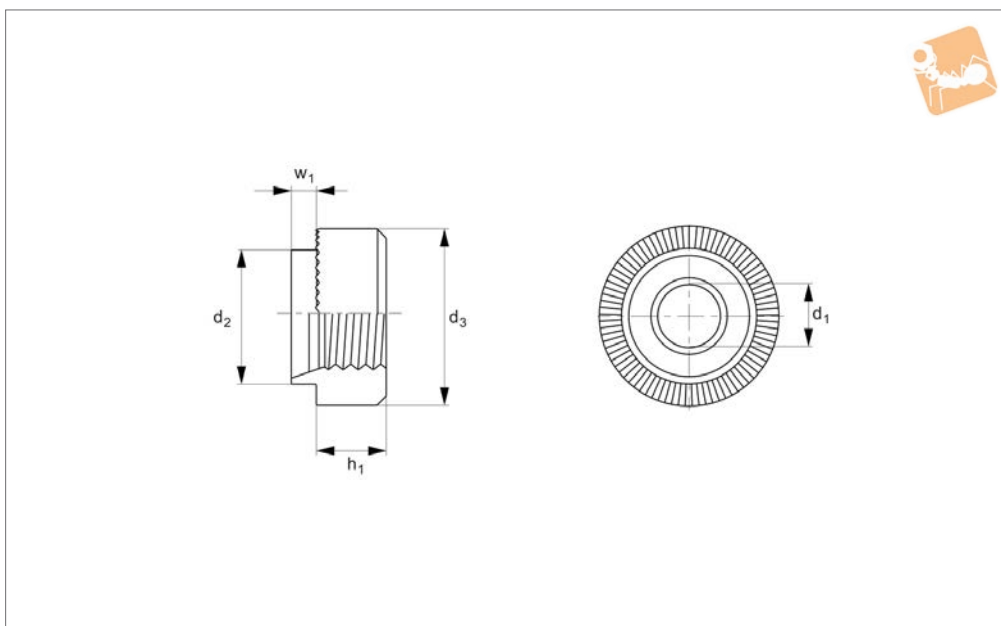


Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.060-18G-A2	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0828.060-16G-A2	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0828.060-14G-A2	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0828.060-12G-A2	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0828.060-10G-A2	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0828.060-08G-A2	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0828.080-22G-A2	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0828.080-20G-A2	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G
P0828.080-18G-A2	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0828.080-16G-A2	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0828.080-14G-A2	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0828.080-12G-A2	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0828.080-10G-A2	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0828.080-08G-A2	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0828.100-22G-A2	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0828.100-20G-A2	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0828.100-18G-A2	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0828.100-16G-A2	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0828.100-14G-A2	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0828.100-12G-A2	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0828.100-10G-A2	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0828.100-08G-A2	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0828.120-22G-A2	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0828.120-20G-A2	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0828.120-18G-A2	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0828.120-16G-A2	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0828.120-14G-A2	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0828.120-12G-A2	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0828.120-10G-A2	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0828.120-08G-A2	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES



P0828.A4



Material

Stainless steel (A4, AISI 316).

of a thin spigot. The presence of serrations provide additional anchorage.

Technical Notes

Rivet bushes are securely locked by means

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.030-22G-A4	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.030-20G-A4	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.030-18G-A4	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.030-16G-A4	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.030-14G-A4	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.030-12G-A4	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.030-10G-A4	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.030-08G-A4	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.035-22G-A4	M3,5	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.035-20G-A4	M3,5	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.035-18G-A4	M3,5	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.035-16G-A4	M3,5	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.035-14G-A4	M3,5	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.035-12G-A4	M3,5	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.035-10G-A4	M3,5	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.035-08G-A4	M3,5	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.040-22G-A4	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0828.040-20G-A4	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0828.040-18G-A4	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0828.040-16G-A4	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0828.040-14G-A4	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0828.040-12G-A4	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0828.040-10G-A4	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0828.040-08G-A4	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0828.050-22G-A4	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0828.050-20G-A4	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0828.050-18G-A4	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0828.050-16G-A4	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0828.050-14G-A4	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0828.050-12G-A4	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0828.050-10G-A4	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0828.050-08G-A4	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0828.060-22G-A4	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0828.060-20G-A4	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G



Round Rivet Bushes

A4 stainless

Rivet Bushes

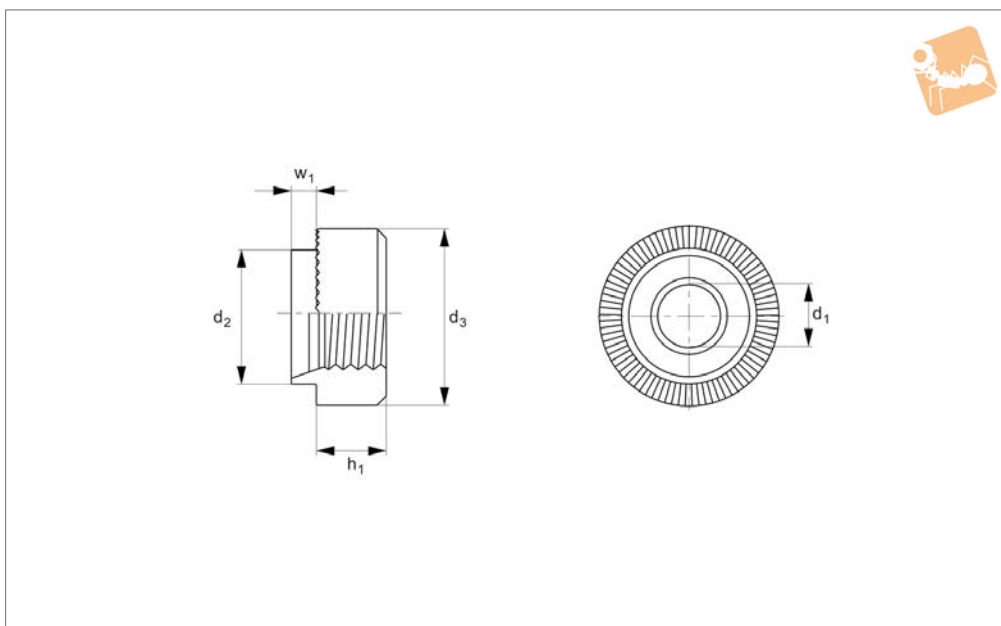


Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.060-18G-A4	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0828.060-16G-A4	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0828.060-14G-A4	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0828.060-12G-A4	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0828.060-10G-A4	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0828.060-08G-A4	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0828.080-22G-A4	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0828.080-20G-A4	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G
P0828.080-18G-A4	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0828.080-16G-A4	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0828.080-14G-A4	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0828.080-12G-A4	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0828.080-10G-A4	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0828.080-08G-A4	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0828.100-22G-A4	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0828.100-20G-A4	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0828.100-18G-A4	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0828.100-16G-A4	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0828.100-14G-A4	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0828.100-12G-A4	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0828.100-10G-A4	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0828.100-08G-A4	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0828.120-22G-A4	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0828.120-20G-A4	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0828.120-18G-A4	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0828.120-16G-A4	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0828.120-14G-A4	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0828.120-12G-A4	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0828.120-10G-A4	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0828.120-08G-A4	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES



P0828.AL



Material
Aluminium.

of a thin spigot. The presence of serrations provide additional anchorage.

Technical Notes

Rivet bushes are securely locked by means

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.030-22G-AL	M 3	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.030-20G-AL	M 3	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.030-18G-AL	M 3	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.030-16G-AL	M 3	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.030-14G-AL	M 3	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.030-12G-AL	M 3	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.030-10G-AL	M 3	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.030-08G-AL	M 3	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.035-22G-AL	M3,5	0.8	1,3-1,5	5.54	7.92	3.17	22G
P0828.035-20G-AL	M3,5	1.0	1,5-1,7	5.54	7.92	3.17	20G
P0828.035-18G-AL	M3,5	1.2	1,7-1,9	5.54	7.92	3.17	18G
P0828.035-16G-AL	M3,5	1.5	2,0-2,2	5.54	7.92	3.17	16G
P0828.035-14G-AL	M3,5	2.0	2,5-2,7	5.54	7.92	3.17	14G
P0828.035-12G-AL	M3,5	2.5	3,0-3,2	5.54	7.92	3.17	12G
P0828.035-10G-AL	M3,5	3.0	3,5-3,7	5.54	7.92	3.17	10G
P0828.035-08G-AL	M3,5	4.0	4,5-4,7	5.54	7.92	3.17	8G
P0828.040-22G-AL	M 4	0.8	1,3-1,5	6.73	7.92	3.17	22G
P0828.040-20G-AL	M 4	1.0	1,5-1,7	6.73	7.92	3.17	20G
P0828.040-18G-AL	M 4	1.2	1,7-1,9	6.73	7.92	3.17	18G
P0828.040-16G-AL	M 4	1.5	2,0-2,2	6.73	7.92	3.17	16G
P0828.040-14G-AL	M 4	2.0	2,5-2,7	6.73	7.92	3.17	14G
P0828.040-12G-AL	M 4	2.5	3,0-3,2	6.73	7.92	3.17	12G
P0828.040-10G-AL	M 4	3.0	3,5-3,7	6.73	7.92	3.17	10G
P0828.040-08G-AL	M 4	4.0	4,5-4,7	6.73	7.92	3.17	8G
P0828.050-22G-AL	M 5	0.8	1,3-1,5	7.92	9.52	3.81	22G
P0828.050-20G-AL	M 5	1.0	1,5-1,7	7.92	9.52	3.81	20G
P0828.050-18G-AL	M 5	1.2	1,7-1,9	7.92	9.52	3.81	18G
P0828.050-16G-AL	M 5	1.5	2,0-2,2	7.92	9.52	3.81	16G
P0828.050-14G-AL	M 5	2.0	2,5-2,7	7.92	9.52	3.81	14G
P0828.050-12G-AL	M 5	2.5	3,0-3,2	7.92	9.52	3.81	12G
P0828.050-10G-AL	M 5	3.0	3,5-3,7	7.92	9.52	3.81	10G
P0828.050-08G-AL	M 5	4.0	4,5-4,7	7.92	9.52	3.81	8G
P0828.060-22G-AL	M 6	0.8	1,3-1,5	9.52	11.1	5.08	22G
P0828.060-20G-AL	M 6	1.0	1,5-1,7	9.52	11.1	5.08	20G



Round Rivet Bushes

Aluminium

Rivet Bushes



Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0828.060-18G-AL	M 6	1.2	1,7-1,9	9.52	11.1	5.08	18G
P0828.060-16G-AL	M 6	1.5	2,0-2,2	9.52	11.1	5.08	16G
P0828.060-14G-AL	M 6	2.0	2,5-2,7	9.52	11.1	5.08	14G
P0828.060-12G-AL	M 6	2.5	3,0-3,2	9.52	11.1	5.08	12G
P0828.060-10G-AL	M 6	3.0	3,5-3,7	9.52	11.1	5.08	10G
P0828.060-08G-AL	M 6	4.0	4,5-4,7	9.52	11.1	5.08	8G
P0828.080-22G-AL	M 8	0.8	1,3-1,5	12.7	14.27	6.35	22G
P0828.080-20G-AL	M 8	1.0	1,5-1,7	12.7	14.27	6.35	20G
P0828.080-18G-AL	M 8	1.2	1,7-1,9	12.7	14.27	6.35	18G
P0828.080-16G-AL	M 8	1.5	2,0-2,2	12.7	14.27	6.35	16G
P0828.080-14G-AL	M 8	2.0	2,5-2,7	12.7	14.27	6.35	14G
P0828.080-12G-AL	M 8	2.5	3,0-3,2	12.7	14.27	6.35	12G
P0828.080-10G-AL	M 8	3.0	3,5-3,7	12.7	14.27	6.35	10G
P0828.080-08G-AL	M 8	4.0	4,5-4,7	12.7	14.27	6.35	8G
P0828.100-22G-AL	M10	0.8	1,3-1,5	15.87	19.05	7.62	22G
P0828.100-20G-AL	M10	1.0	1,5-1,7	15.87	19.05	7.62	20G
P0828.100-18G-AL	M10	1.2	1,7-1,9	15.87	19.05	7.62	18G
P0828.100-16G-AL	M10	1.5	2,0-2,2	15.87	19.05	7.62	16G
P0828.100-14G-AL	M10	2.0	2,5-2,7	15.87	19.05	7.62	14G
P0828.100-12G-AL	M10	2.5	3,0-3,2	15.87	19.05	7.62	12G
P0828.100-10G-AL	M10	3.0	3,5-3,7	15.87	19.05	7.62	10G
P0828.100-08G-AL	M10	4.0	4,5-4,7	15.87	19.05	7.62	8G
P0828.120-22G-AL	M12	0.8	1,3-1,5	19.05	22.22	10.16	22G
P0828.120-20G-AL	M12	1.0	1,5-1,7	19.05	22.22	10.16	20G
P0828.120-18G-AL	M12	1.2	1,7-1,9	19.05	22.22	10.16	18G
P0828.120-16G-AL	M12	1.5	2,0-2,2	19.05	22.22	10.16	16G
P0828.120-14G-AL	M12	2.0	2,5-2,7	19.05	22.22	10.16	14G
P0828.120-12G-AL	M12	2.5	3,0-3,2	19.05	22.22	10.16	12G
P0828.120-10G-AL	M12	3.0	3,5-3,7	19.05	22.22	10.16	10G
P0828.120-08G-AL	M12	4.0	4,5-4,7	19.05	22.22	10.16	8G

RIVET BUSHES

Rivet Bushes

Mini Rivet Bushes

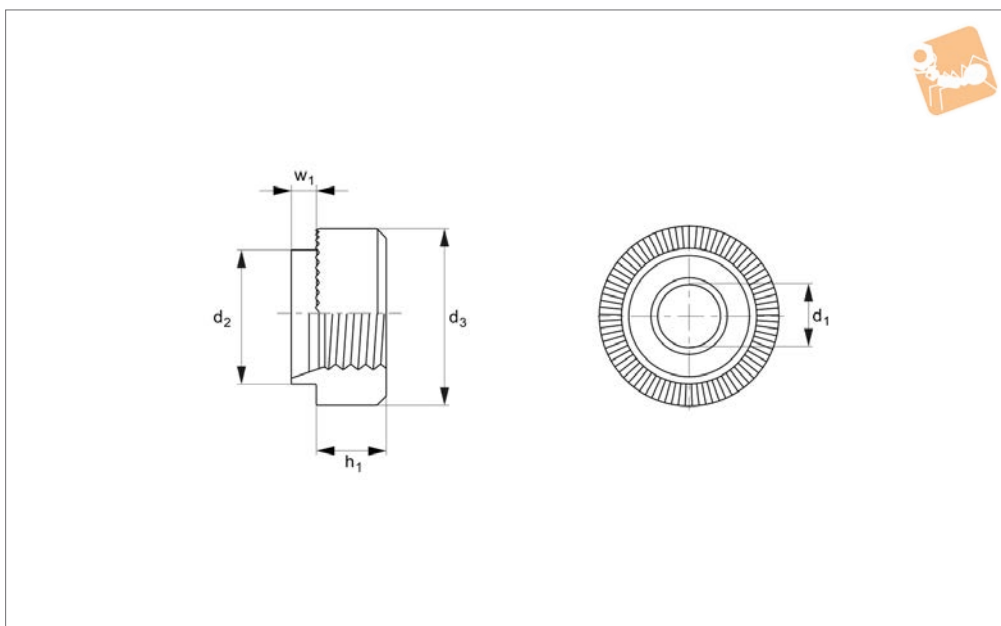
Steel, zinc-plated



RIVET BUSHES



P0829.ZP



Material

Steel, zinc-plated.

Technical Notes

Mini rivet bushes are used where space is

limited. They are securely locked by means of a thin spigot. The presence of serrations provide additional anchorage.

These bushes can be installed by a press or

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.020-22G-ZP	M2	0.8	1,3-1,5	3,5	5,0	2,3	22G
P0829.020-20G-ZP	M2	1.0	1,5-1,7	3,5	5,0	2,3	20G
P0829.020-18G-ZP	M2	1.2	1,7-1,9	3,5	5,0	2,3	18G
P0829.020-16G-ZP	M2	1.5	2,0-2,2	3,5	5,0	2,3	16G
P0829.020-14G-ZP	M2	2.0	2,5-2,7	3,5	5,0	2,3	14G
P0829.020-12G-ZP	M2	2.5	3,0-3,2	3,5	5,0	2,3	12G
P0829.020-10G-ZP	M2	3.0	3,5-3,7	3,5	5,0	2,3	10G
P0829.020-08G-ZP	M2	4.0	4,5-4,7	3,5	5,0	2,3	8G
P0829.025-22G-ZP	M2,5	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.025-20G-ZP	M2,5	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.025-18G-ZP	M2,5	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.025-16G-ZP	M2,5	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.025-14G-ZP	M2,5	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.025-12G-ZP	M2,5	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.025-10G-ZP	M2,5	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.025-08G-ZP	M2,5	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.030-22G-ZP	M3	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.030-20G-ZP	M3	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.030-18G-ZP	M3	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.030-16G-ZP	M3	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.030-14G-ZP	M3	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.030-12G-ZP	M3	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.030-10G-ZP	M3	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.030-08G-ZP	M3	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.040-22G-ZP	M4	0.8	1,3-1,5	5,41	7,0	3,2	22G
P0829.040-20G-ZP	M4	1.0	1,5-1,7	5,41	7,0	3,2	20G
P0829.040-18G-ZP	M4	1.2	1,7-1,9	5,41	7,0	3,2	18G
P0829.040-16G-ZP	M4	1.5	2,0-2,2	5,41	7,0	3,2	16G
P0829.040-14G-ZP	M4	2.0	2,5-2,7	5,41	7,0	3,2	14G
P0829.040-12G-ZP	M4	2.5	3,0-3,2	5,41	7,0	3,2	12G
P0829.040-10G-ZP	M4	3.0	3,5-3,7	5,41	7,0	3,2	10G
P0829.040-08G-ZP	M4	4.0	4,5-4,7	5,41	7,0	3,2	8G
P0829.050-22G-ZP	M5	0.8	1,3-1,5	6,4	8,5	3,8	22G
P0829.050-20G-ZP	M5	1.0	1,5-1,7	6,4	8,5	3,8	20G



Mini Rivet Bushes

Steel, zinc-plated

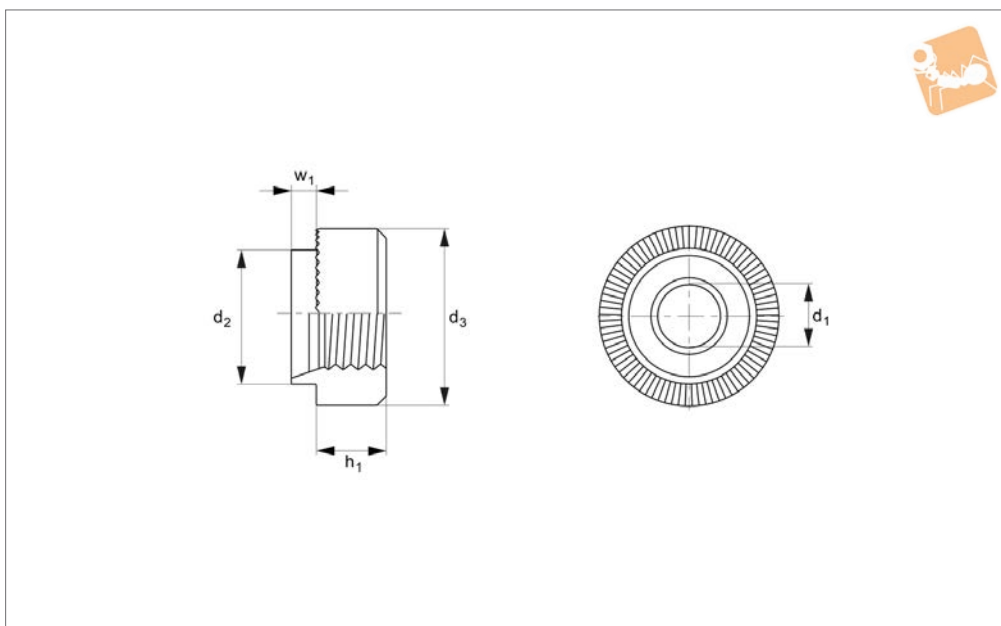
Rivet Bushes



Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.050-18G-ZP	M5	1.2	1,7-1,9	6.4	8.5	3.8	18G
P0829.050-16G-ZP	M5	1.5	2,0-2,2	6.4	8.5	3.8	16G
P0829.050-14G-ZP	M5	2.0	2,5-2,7	6.4	8.5	3.8	14G
P0829.050-12G-ZP	M5	2.5	3,0-3,2	6.4	8.5	3.8	12G
P0829.050-10G-ZP	M5	3.0	3,5-3,7	6.4	8.5	3.8	10G
P0829.050-08G-ZP	M5	4.0	4,5-4,7	6.4	8.5	3.8	8G
P0829.060-22G-ZP	M6	0.8	1,3-1,5	7.7	10	5.1	22G
P0829.060-20G-ZP	M6	1.0	1,5-1,7	7.7	10	5.1	20G
P0829.060-18G-ZP	M6	1.2	1,7-1,9	7.7	10	5.1	18G
P0829.060-16G-ZP	M6	1.5	2,0-2,2	7.7	10	5.1	16G
P0829.060-14G-ZP	M6	2.0	2,5-2,7	7.7	10	5.1	14G
P0829.060-12G-ZP	M6	2.5	3,0-3,2	7.7	10	5.1	12G
P0829.060-10G-ZP	M6	3.0	3,5-3,7	7.7	10	5.1	10G
P0829.060-08G-ZP	M6	4.0	4,5-4,7	7.7	10	5.1	8G



P0829.A2



Material

Stainless steel (A2, AISI 303).

Technical Notes

Mini rivet bushes are used where space is

limited. They are securely locked by means of a thin spigot. The presence of serrations provide additional anchorage. These bushes can be installed by a press or

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.020-22G-A2	M2	0.8	1,3-1,5	3,5	5,0	2,3	22G
P0829.020-20G-A2	M2	1.0	1,5-1,7	3,5	5,0	2,3	20G
P0829.020-18G-A2	M2	1.2	1,7-1,9	3,5	5,0	2,3	18G
P0829.020-16G-A2	M2	1.5	2,0-2,2	3,5	5,0	2,3	16G
P0829.020-14G-A2	M2	2.0	2,5-2,7	3,5	5,0	2,3	14G
P0829.020-12G-A2	M2	2.5	3,0-3,2	3,5	5,0	2,3	12G
P0829.020-10G-A2	M2	3.0	3,5-3,7	3,5	5,0	2,3	10G
P0829.020-08G-A2	M2	4.0	4,5-4,7	3,5	5,0	2,3	8G
P0829.025-22G-A2	M2,5	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.025-20G-A2	M2,5	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.025-18G-A2	M2,5	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.025-16G-A2	M2,5	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.025-14G-A2	M2,5	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.025-12G-A2	M2,5	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.025-10G-A2	M2,5	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.025-08G-A2	M2,5	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.030-22G-A2	M3	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.030-20G-A2	M3	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.030-18G-A2	M3	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.030-16G-A2	M3	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.030-14G-A2	M3	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.030-12G-A2	M3	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.030-10G-A2	M3	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.030-08G-A2	M3	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.040-22G-A2	M4	0.8	1,3-1,5	5,41	7,0	3,2	22G
P0829.040-20G-A2	M4	1.0	1,5-1,7	5,41	7,0	3,2	20G
P0829.040-18G-A2	M4	1.2	1,7-1,9	5,41	7,0	3,2	18G
P0829.040-16G-A2	M4	1.5	2,0-2,2	5,41	7,0	3,2	16G
P0829.040-14G-A2	M4	2.0	2,5-2,7	5,41	7,0	3,2	14G
P0829.040-12G-A2	M4	2.5	3,0-3,2	5,41	7,0	3,2	12G
P0829.040-10G-A2	M4	3.0	3,5-3,7	5,41	7,0	3,2	10G
P0829.040-08G-A2	M4	4.0	4,5-4,7	5,41	7,0	3,2	8G
P0829.050-22G-A2	M5	0.8	1,3-1,5	6,4	8,5	3,8	22G
P0829.050-20G-A2	M5	1.0	1,5-1,7	6,4	8,5	3,8	20G



Mini Rivet Bushes

A2 stainless

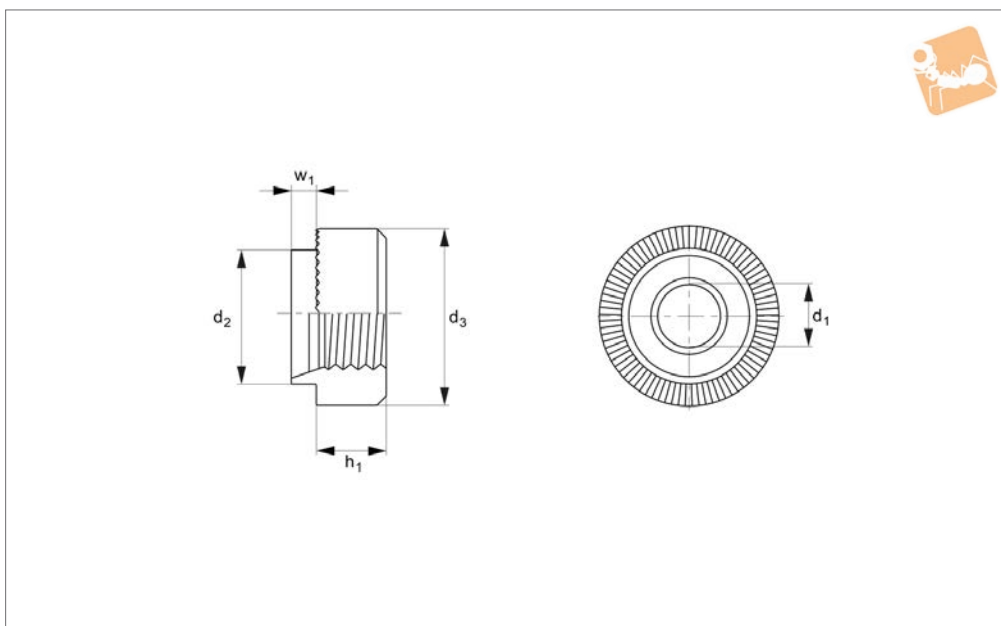
Rivet Bushes



Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.050-18G-A2	M5	1.2	1,7-1,9	6.4	8.5	3.8	18G
P0829.050-16G-A2	M5	1.5	2,0-2,2	6.4	8.5	3.8	16G
P0829.050-14G-A2	M5	2.0	2,5-2,7	6.4	8.5	3.8	14G
P0829.050-12G-A2	M5	2.5	3,0-3,2	6.4	8.5	3.8	12G
P0829.050-10G-A2	M5	3.0	3,5-3,7	6.4	8.5	3.8	10G
P0829.050-08G-A2	M5	4.0	4,5-4,7	6.4	8.5	3.8	8G
P0829.060-22G-A2	M6	0.8	1,3-1,5	7.7	10	5.1	22G
P0829.060-20G-A2	M6	1.0	1,5-1,7	7.7	10	5.1	20G
P0829.060-18G-A2	M6	1.2	1,7-1,9	7.7	10	5.1	18G
P0829.060-16G-A2	M6	1.5	2,0-2,2	7.7	10	5.1	16G
P0829.060-14G-A2	M6	2.0	2,5-2,7	7.7	10	5.1	14G
P0829.060-12G-A2	M6	2.5	3,0-3,2	7.7	10	5.1	12G
P0829.060-10G-A2	M6	3.0	3,5-3,7	7.7	10	5.1	10G
P0829.060-08G-A2	M6	4.0	4,5-4,7	7.7	10	5.1	8G



P0829.A4



Material

Stainless Steel (A4, AISI 316).

Technical Notes

Mini rivet bushes are used where space is

limited. They are securely locked by means of a thin spigot. The presence of serrations provide additional anchorage.

These bushes can be installed by a press or

using a hammer.

Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.020-22G-A4	M2	0.8	1,3-1,5	3,5	5,0	2,3	22G
P0829.020-20G-A4	M2	1.0	1,5-1,7	3,5	5,0	2,3	20G
P0829.020-18G-A4	M2	1.2	1,7-1,9	3,5	5,0	2,3	18G
P0829.020-16G-A4	M2	1.5	2,0-2,2	3,5	5,0	2,3	16G
P0829.020-14G-A4	M2	2.0	2,5-2,7	3,5	5,0	2,3	14G
P0829.020-12G-A4	M2	2.5	3,0-3,2	3,5	5,0	2,3	12G
P0829.020-10G-A4	M2	3.0	3,5-3,7	3,5	5,0	2,3	10G
P0829.020-08G-A4	M2	4.0	4,5-4,7	3,5	5,0	2,3	8G
P0829.025-22G-A4	M2,5	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.025-20G-A4	M2,5	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.025-18G-A4	M2,5	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.025-16G-A4	M2,5	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.025-14G-A4	M2,5	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.025-12G-A4	M2,5	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.025-10G-A4	M2,5	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.025-08G-A4	M2,5	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.030-22G-A4	M3	0.8	1,3-1,5	4,19	5,5	2,8	22G
P0829.030-20G-A4	M3	1.0	1,5-1,7	4,19	5,5	2,8	20G
P0829.030-18G-A4	M3	1.2	1,7-1,9	4,19	5,5	2,8	18G
P0829.030-16G-A4	M3	1.5	2,0-2,2	4,19	5,5	2,8	16G
P0829.030-14G-A4	M3	2.0	2,5-2,7	4,19	5,5	2,8	14G
P0829.030-12G-A4	M3	2.5	3,0-3,2	4,19	5,5	2,8	12G
P0829.030-10G-A4	M3	3.0	3,5-3,7	4,19	5,5	2,8	10G
P0829.030-08G-A4	M3	4.0	4,5-4,7	4,19	5,5	2,8	8G
P0829.040-22G-A4	M4	0.8	1,3-1,5	5,41	7,0	3,2	22G
P0829.040-20G-A4	M4	1.0	1,5-1,7	5,41	7,0	3,2	20G
P0829.040-18G-A4	M4	1.2	1,7-1,9	5,41	7,0	3,2	18G
P0829.040-16G-A4	M4	1.5	2,0-2,2	5,41	7,0	3,2	16G
P0829.040-14G-A4	M4	2.0	2,5-2,7	5,41	7,0	3,2	14G
P0829.040-12G-A4	M4	2.5	3,0-3,2	5,41	7,0	3,2	12G
P0829.040-10G-A4	M4	3.0	3,5-3,7	5,41	7,0	3,2	10G
P0829.040-08G-A4	M4	4.0	4,5-4,7	5,41	7,0	3,2	8G
P0829.050-22G-A4	M5	0.8	1,3-1,5	6,4	8,5	3,8	22G
P0829.050-20G-A4	M5	1.0	1,5-1,7	6,4	8,5	3,8	20G



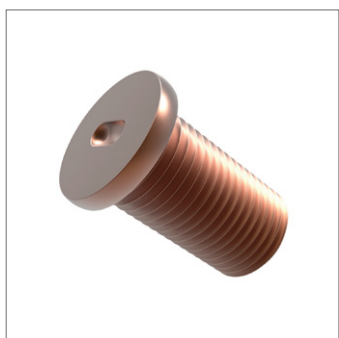
Mini Rivet Bushes

A4 stainless

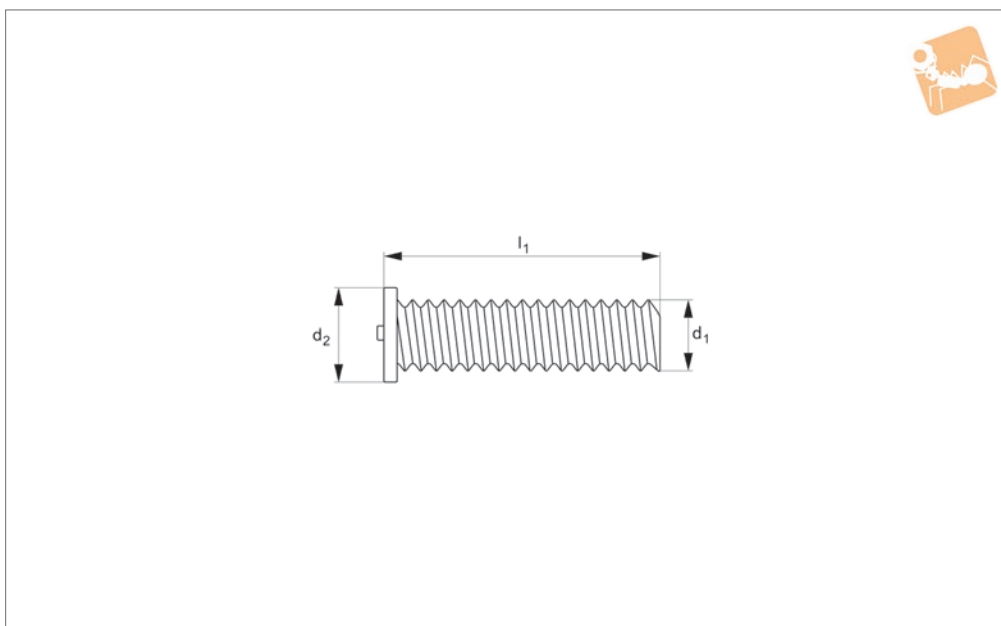
Rivet Bushes



Order No.	d ₁	Panel thickness	w ₁	d ₂	d ₃	h ₁	For gauge
P0829.050-18G-A4	M5	1.2	1,7-1,9	6.4	8.5	3.8	18G
P0829.050-16G-A4	M5	1.5	2,0-2,2	6.4	8.5	3.8	16G
P0829.050-14G-A4	M5	2.0	2,5-2,7	6.4	8.5	3.8	14G
P0829.050-12G-A4	M5	2.5	3,0-3,2	6.4	8.5	3.8	12G
P0829.050-10G-A4	M5	3.0	3,5-3,7	6.4	8.5	3.8	10G
P0829.050-08G-A4	M5	4.0	4,5-4,7	6.4	8.5	3.8	8G
P0829.060-22G-A4	M6	0.8	1,3-1,5	7.7	10	5.1	22G
P0829.060-20G-A4	M6	1.0	1,5-1,7	7.7	10	5.1	20G
P0829.060-18G-A4	M6	1.2	1,7-1,9	7.7	10	5.1	18G
P0829.060-16G-A4	M6	1.5	2,0-2,2	7.7	10	5.1	16G
P0829.060-14G-A4	M6	2.0	2,5-2,7	7.7	10	5.1	14G
P0829.060-12G-A4	M6	2.5	3,0-3,2	7.7	10	5.1	12G
P0829.060-10G-A4	M6	3.0	3,5-3,7	7.7	10	5.1	10G
P0829.060-08G-A4	M6	4.0	4,5-4,7	7.7	10	5.1	8G



P0830.CU



Material
Steel, copper coated.

Technical Notes
CD weld studs have a small nub under their

end which melts to form the weld. When the nub disintegrates it melts and helps solidify the weld to the base material. CD stud welding is often used for smaller

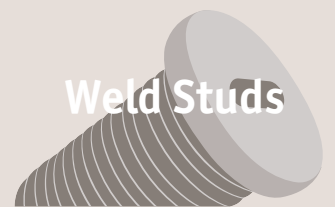
diameter studs and pins, as well as on non-standard materials and for accuracy.

Order No.	d ₁	d ₂	l ₁
P0830.030-006-CU	M3	4.5	6
P0830.030-008-CU	M3	4.5	8
P0830.030-010-CU	M3	4.5	10
P0830.030-012-CU	M3	4.5	12
P0830.030-015-CU	M3	4.5	15
P0830.030-016-CU	M3	4.5	16
P0830.030-020-CU	M3	4.5	20
P0830.030-025-CU	M3	4.5	25
P0830.030-030-CU	M3	4.5	30
P0830.030-035-CU	M3	4.5	35
P0830.030-040-CU	M3	4.5	40
P0830.030-050-CU	M3	4.5	50
P0830.040-006-CU	M4	5.5	6
P0830.040-008-CU	M4	5.5	8
P0830.040-010-CU	M4	5.5	10
P0830.040-012-CU	M4	5.5	12
P0830.040-015-CU	M4	5.5	15
P0830.040-016-CU	M4	5.5	16
P0830.040-020-CU	M4	5.5	20
P0830.040-025-CU	M4	5.5	25
P0830.040-030-CU	M4	5.5	30
P0830.040-035-CU	M4	5.5	35
P0830.040-040-CU	M4	5.5	40
P0830.040-045-CU	M4	5.5	45
P0830.040-050-CU	M4	5.5	50
P0830.050-006-CU	M5	6.5	6
P0830.050-008-CU	M5	6.5	8
P0830.050-010-CU	M5	6.5	10
P0830.050-012-CU	M5	6.5	12
P0830.050-015-CU	M5	6.5	15
P0830.050-016-CU	M5	6.5	16
P0830.050-020-CU	M5	6.5	20
P0830.050-025-CU	M5	6.5	25
P0830.050-030-CU	M5	6.5	30



CD Weldstud Copper coated

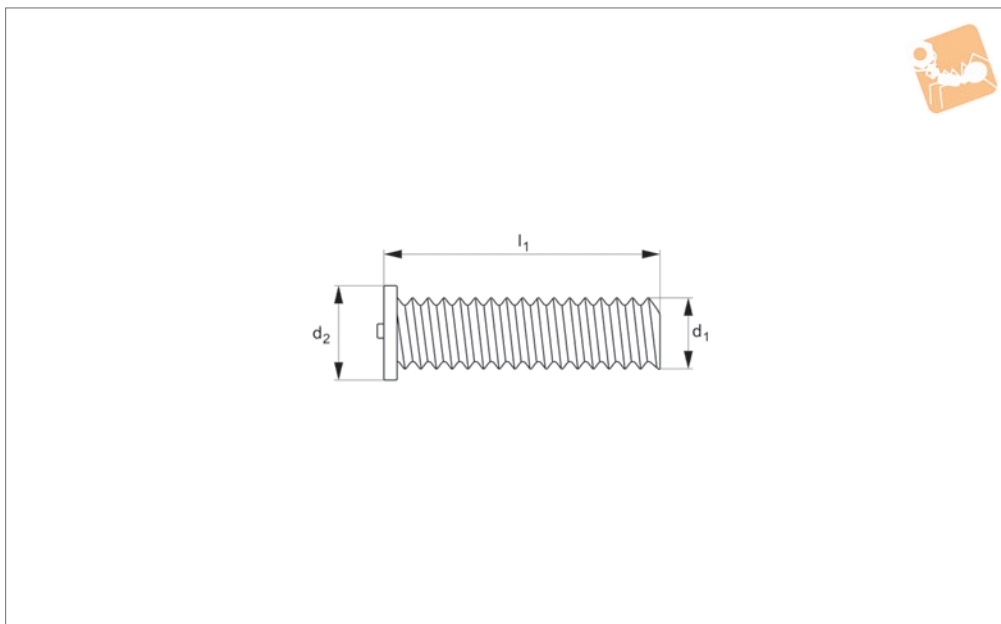
Weld Studs



Order No.	d ₁	d ₂	l ₁
P0830.050-035-CU	M5	6.5	35
P0830.050-040-CU	M5	6.5	40
P0830.050-045-CU	M5	6.5	45
P0830.050-050-CU	M5	6.5	50
P0830.050-060-CU	M5	6.5	60
P0830.060-008-CU	M6	7.5	8
P0830.060-010-CU	M6	7.5	10
P0830.060-012-CU	M6	7.5	12
P0830.060-014-CU	M6	7.5	14
P0830.060-015-CU	M6	7.5	15
P0830.060-016-CU	M6	7.5	16
P0830.060-020-CU	M6	7.5	20
P0830.060-025-CU	M6	7.5	25
P0830.060-030-CU	M6	7.5	30
P0830.060-035-CU	M6	7.5	35
P0830.060-040-CU	M6	7.5	40
P0830.060-045-CU	M6	7.5	45
P0830.060-050-CU	M6	7.5	50
P0830.060-055-CU	M6	7.5	55
P0830.060-060-CU	M6	7.5	60
P0830.080-010-CU	M8	9.0	10
P0830.080-012-CU	M8	9.0	12
P0830.080-014-CU	M8	9.0	14
P0830.080-015-CU	M8	9.0	15
P0830.080-016-CU	M8	9.0	16
P0830.080-020-CU	M8	9.0	20
P0830.080-025-CU	M8	9.0	25
P0830.080-030-CU	M8	9.0	30
P0830.080-035-CU	M8	9.0	35
P0830.080-040-CU	M8	9.0	40
P0830.080-045-CU	M8	9.0	45
P0830.080-050-CU	M8	9.0	50
P0830.080-055-CU	M8	9.0	55
P0830.080-060-CU	M8	9.0	60



P0830.A2



Material

Stainless steel (A2, AISI 303).

Technical Notes

CD weld studs have a small nub under their

end which melts to form the weld. When the nub disintegrates it melts and helps solidify the weld to the base material.

CD stud welding is often used for smaller

diameter studs and pins, as well as on non-standard materials and for accuracy.

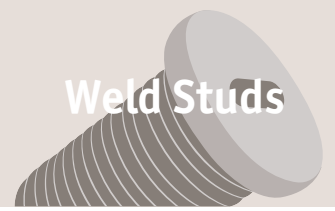
Order No.	d ₁	d ₂	l ₁
P0830.030-006-A2	M3	4.5	6
P0830.030-008-A2	M3	4.5	8
P0830.030-010-A2	M3	4.5	10
P0830.030-012-A2	M3	4.5	12
P0830.030-015-A2	M3	4.5	15
P0830.030-016-A2	M3	4.5	16
P0830.030-020-A2	M3	4.5	20
P0830.030-025-A2	M3	4.5	25
P0830.030-030-A2	M3	4.5	30
P0830.030-035-A2	M3	4.5	35
P0830.030-040-A2	M3	4.5	40
P0830.030-050-A2	M3	4.5	50
P0830.040-006-A2	M4	5.5	6
P0830.040-008-A2	M4	5.5	8
P0830.040-010-A2	M4	5.5	10
P0830.040-012-A2	M4	5.5	12
P0830.040-015-A2	M4	5.5	15
P0830.040-016-A2	M4	5.5	16
P0830.040-020-A2	M4	5.5	20
P0830.040-025-A2	M4	5.5	25
P0830.040-030-A2	M4	5.5	30
P0830.040-035-A2	M4	5.5	35
P0830.040-040-A2	M4	5.5	40
P0830.040-045-A2	M4	5.5	45
P0830.040-050-A2	M4	5.5	50
P0830.050-006-A2	M5	6.5	6
P0830.050-008-A2	M5	6.5	8
P0830.050-010-A2	M5	6.5	10
P0830.050-012-A2	M5	6.5	12
P0830.050-015-A2	M5	6.5	15
P0830.050-016-A2	M5	6.5	16
P0830.050-020-A2	M5	6.5	20
P0830.050-025-A2	M5	6.5	25
P0830.050-030-A2	M5	6.5	30



CD Weldstud

A2 stainless

Weld Studs

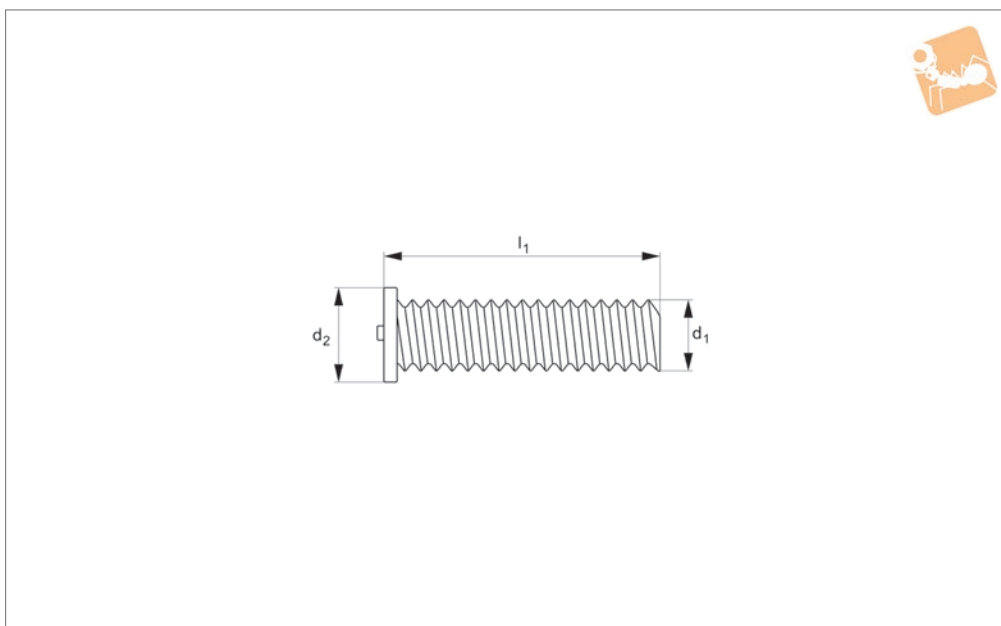


Order No.	d ₁	d ₂	l ₁
P0830.050-035-A2	M5	6.5	35
P0830.050-040-A2	M5	6.5	40
P0830.050-045-A2	M5	6.5	45
P0830.050-050-A2	M5	6.5	50
P0830.060-008-A2	M6	7.5	8
P0830.060-010-A2	M6	7.5	10
P0830.060-012-A2	M6	7.5	12
P0830.060-015-A2	M6	7.5	15
P0830.060-016-A2	M6	7.5	16
P0830.060-020-A2	M6	7.5	20
P0830.060-025-A2	M6	7.5	25
P0830.060-030-A2	M6	7.5	30
P0830.060-035-A2	M6	7.5	35
P0830.060-040-A2	M6	7.5	40
P0830.060-045-A2	M6	7.5	45
P0830.060-050-A2	M6	7.5	50
P0830.060-055-A2	M6	7.5	55
P0830.060-060-A2	M6	7.5	60
P0830.080-010-A2	M8	9.0	10
P0830.080-012-A2	M8	9.0	12
P0830.080-015-A2	M8	9.0	15
P0830.080-016-A2	M8	9.0	16
P0830.080-020-A2	M8	9.0	20
P0830.080-025-A2	M8	9.0	25
P0830.080-030-A2	M8	9.0	30
P0830.080-035-A2	M8	9.0	35
P0830.080-040-A2	M8	9.0	40
P0830.080-045-A2	M8	9.0	45
P0830.080-050-A2	M8	9.0	50
P0830.080-055-A2	M8	9.0	55
P0830.080-060-A2	M8	9.0	60

WELD STUDS



P0830.AL



Material
Aluminium.

Technical Notes

CD weld studs have a small nub under their

end which melts to form the weld. When the nub disintegrates it melts and helps solidify the weld to the base material. CD stud welding is often used for smaller

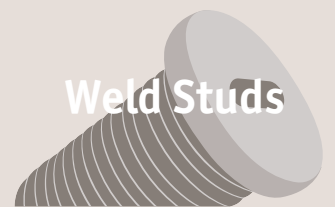
diameter studs and pins, as well as on non-standard materials and for accuracy.

Order No.	d ₁	d ₂	l ₁
P0830.030-006-AL	M3	4.5	6
P0830.030-008-AL	M3	4.5	8
P0830.030-010-AL	M3	4.5	10
P0830.030-012-AL	M3	4.5	12
P0830.030-015-AL	M3	4.5	15
P0830.030-016-AL	M3	4.5	16
P0830.030-020-AL	M3	4.5	20
P0830.030-025-AL	M3	4.5	25
P0830.030-030-AL	M3	4.5	30
P0830.030-035-AL	M3	4.5	35
P0830.030-040-AL	M3	4.5	40
P0830.030-050-AL	M3	4.5	50
P0830.030-060-AL	M3	4.5	60
P0830.040-006-AL	M4	5.5	6
P0830.040-008-AL	M4	5.5	8
P0830.040-010-AL	M4	5.5	10
P0830.040-012-AL	M4	5.5	12
P0830.040-015-AL	M4	5.5	15
P0830.040-016-AL	M4	5.5	16
P0830.040-020-AL	M4	5.5	20
P0830.040-025-AL	M4	5.5	25
P0830.040-030-AL	M4	5.5	30
P0830.040-035-AL	M4	5.5	35
P0830.040-040-AL	M4	5.5	40
P0830.040-050-AL	M4	5.5	50
P0830.040-060-AL	M4	5.5	60
P0830.050-006-AL	M5	6.5	6
P0830.050-008-AL	M5	6.5	8
P0830.050-010-AL	M5	6.5	10
P0830.050-012-AL	M5	6.5	12
P0830.050-015-AL	M5	6.5	15
P0830.050-016-AL	M5	6.5	16
P0830.050-020-AL	M5	6.5	20
P0830.050-025-AL	M5	6.5	25



CD Weldstud Aluminium

Weld Studs

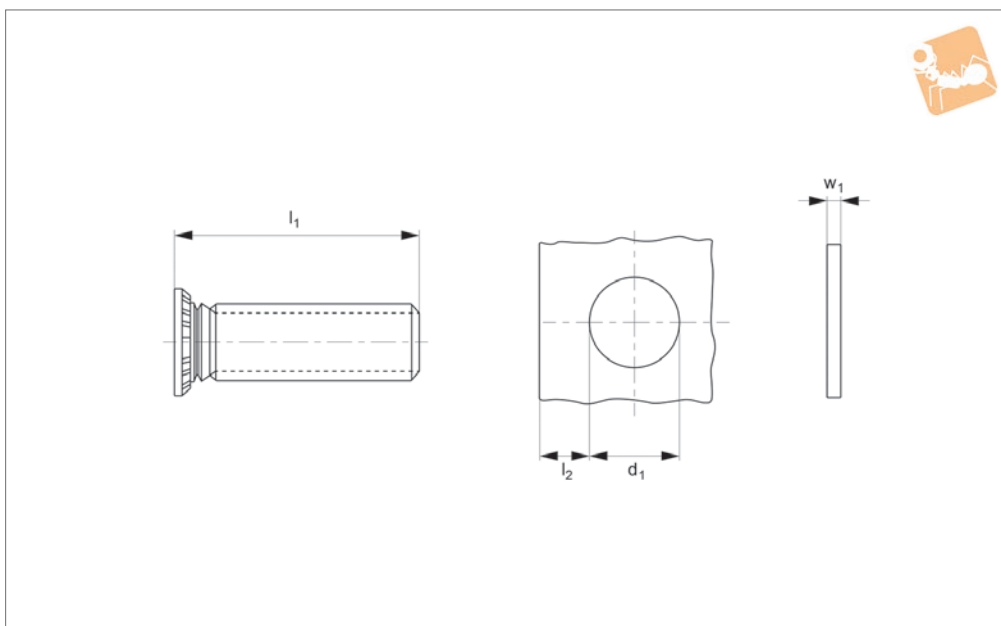


Order No.	d ₁	d ₂	l ₁
P0830.050-030-AL	M5	6.5	30
P0830.050-035-AL	M5	6.5	35
P0830.050-040-AL	M5	6.5	40
P0830.050-045-AL	M5	6.5	45
P0830.050-050-AL	M5	6.5	50
P0830.050-060-AL	M5	6.5	60
P0830.060-008-AL	M6	7.5	8
P0830.060-010-AL	M6	7.5	10
P0830.060-012-AL	M6	7.5	12
P0830.060-015-AL	M6	7.5	15
P0830.060-016-AL	M6	7.5	16
P0830.060-020-AL	M6	7.5	20
P0830.060-025-AL	M6	7.5	25
P0830.060-030-AL	M6	7.5	30
P0830.060-035-AL	M6	7.5	35
P0830.060-040-AL	M6	7.5	40
P0830.060-045-AL	M6	7.5	45
P0830.060-050-AL	M6	7.5	50
P0830.060-055-AL	M6	7.5	55
P0830.060-060-AL	M6	7.5	60
P0830.080-015-AL	M8	9.0	15
P0830.080-016-AL	M8	9.0	16
P0830.080-020-AL	M8	9.0	20
P0830.080-025-AL	M8	9.0	25
P0830.080-030-AL	M8	9.0	30

WELD STUDS



P0835.ZP



Material

Steel, zinc-plated.

Technical Notes

Clinch studs provide a strong male thread

in sheet metal materials. They are squeezed into place using a press whilst supporting the reverse side. They provide a flush finish on the reverse side.

l_2 - minimum distance from edge of metal.

Order No.	For thread	d_1	l_1	l_2	w_1 min.	Material
P0835.020-006-ZP	M2	2.0	6	5.0	1.0	Steel ZP
P0835.020-008-ZP	M2	2.0	8	5.0	1.0	Steel ZP
P0835.020-010-ZP	M2	2.0	10	5.0	1.0	Steel ZP
P0835.020-012-ZP	M2	2.0	12	5.0	1.0	Steel ZP
P0835.020-014-ZP	M2	2.0	14	5.0	1.0	Steel ZP
P0835.020-015-ZP	M2	2.0	15	5.0	1.0	Steel ZP
P0835.020-016-ZP	M2	2.0	16	5.0	1.0	Steel ZP
P0835.025-006-ZP	M2,5	2.5	6	5.4	1.0	Steel ZP
P0835.025-008-ZP	M2,5	2.5	8	5.4	1.0	Steel ZP
P0835.025-010-ZP	M2,5	2.5	10	5.4	1.0	Steel ZP
P0835.025-012-ZP	M2,5	2.5	12	5.4	1.0	Steel ZP
P0835.025-014-ZP	M2,5	2.5	14	5.4	1.0	Steel ZP
P0835.025-015-ZP	M2,5	2.5	15	5.4	1.0	Steel ZP
P0835.025-016-ZP	M2,5	2.5	16	5.4	1.0	Steel ZP
P0835.025-018-ZP	M2,5	2.5	18	5.4	1.0	Steel ZP
P0835.030-006-ZP	M3	3.0	6	5.6	1.0	Steel ZP
P0835.030-008-ZP	M3	3.0	8	5.6	1.0	Steel ZP
P0835.030-010-ZP	M3	3.0	10	5.6	1.0	Steel ZP
P0835.030-012-ZP	M3	3.0	12	5.6	1.0	Steel ZP
P0835.030-014-ZP	M3	3.0	14	5.6	1.0	Steel ZP
P0835.030-015-ZP	M3	3.0	15	5.6	1.0	Steel ZP
P0835.030-016-ZP	M3	3.0	16	5.6	1.0	Steel ZP
P0835.030-018-ZP	M3	3.0	18	5.6	1.0	Steel ZP
P0835.030-020-ZP	M3	3.0	20	5.6	1.0	Steel ZP
P0835.030-022-ZP	M3	3.0	22	5.6	1.0	Steel ZP
P0835.030-025-ZP	M3	3.0	25	5.6	1.0	Steel ZP
P0835.030-030-ZP	M3	3.0	30	5.6	1.0	Steel ZP
P0835.030-035-ZP	M3	3.0	35	5.6	1.0	Steel ZP
P0835.035-008-ZP	M3,5	3.5	8	6.4	1.0	Steel ZP
P0835.035-010-ZP	M3,5	3.5	10	6.4	1.0	Steel ZP
P0835.035-012-ZP	M3,5	3.5	12	6.4	1.0	Steel ZP
P0835.035-014-ZP	M3,5	3.5	14	6.4	1.0	Steel ZP
P0835.035-015-ZP	M3,5	3.5	15	6.4	1.0	Steel ZP
P0835.035-016-ZP	M3,5	3.5	16	6.4	1.0	Steel ZP



Clinch Studs

Steel, zinc-plated

Clinch Studs

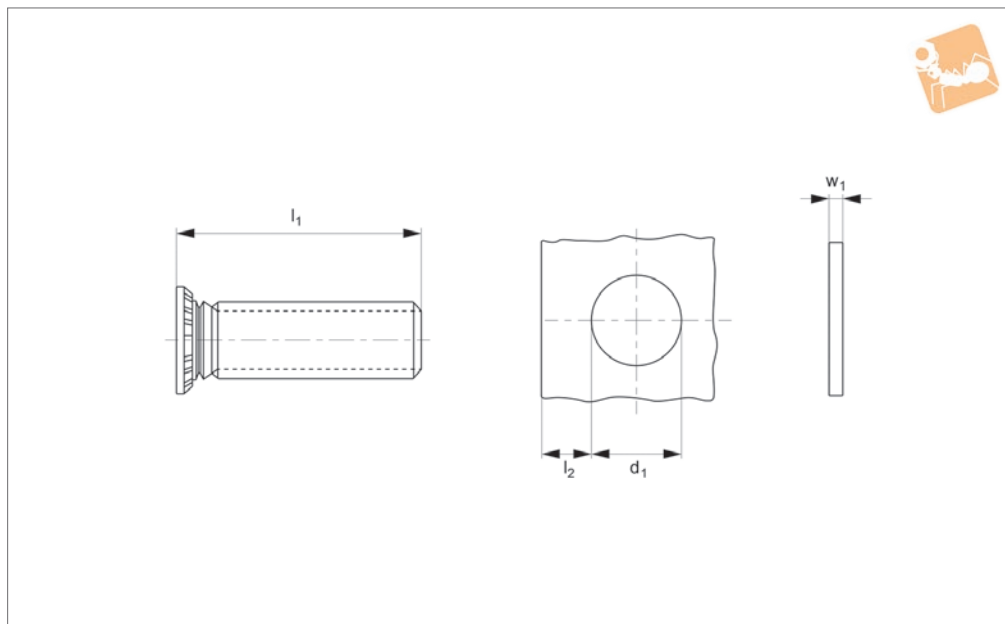


Order No.	For thread	d ₁	l ₁	l ₂	w ₁ min.	Material
P0835.035-018-ZP	M3,5	3.5	18	6.4	1.0	Steel ZP
P0835.040-006-ZP	M4	4.0	6	7.2	1.0	Steel ZP
P0835.040-008-ZP	M4	4.0	8	7.2	1.0	Steel ZP
P0835.040-010-ZP	M4	4.0	10	7.2	1.0	Steel ZP
P0835.040-012-ZP	M4	4.0	12	7.2	1.0	Steel ZP
P0835.040-014-ZP	M4	4.0	14	7.2	1.0	Steel ZP
P0835.040-015-ZP	M4	4.0	15	7.2	1.0	Steel ZP
P0835.040-016-ZP	M4	4.0	16	7.2	1.0	Steel ZP
P0835.040-018-ZP	M4	4.0	18	7.2	1.0	Steel ZP
P0835.040-020-ZP	M4	4.0	20	7.2	1.0	Steel ZP
P0835.040-022-ZP	M4	4.0	22	7.2	1.0	Steel ZP
P0835.040-025-ZP	M4	4.0	25	7.2	1.0	Steel ZP
P0835.040-030-ZP	M4	4.0	30	7.2	1.0	Steel ZP
P0835.040-035-ZP	M4	4.0	35	7.2	1.0	Steel ZP
P0835.040-038-ZP	M4	4.0	38	7.2	1.0	Steel ZP
P0835.040-040-ZP	M4	4.0	40	7.2	1.0	Steel ZP
P0835.040-045-ZP	M4	4.0	45	7.2	1.0	Steel ZP
P0835.040-050-ZP	M4	4.0	50	7.2	1.0	Steel ZP
P0835.050-008-ZP	M5	5.0	8	7.2	1.0	Steel ZP
P0835.050-010-ZP	M5	5.0	10	7.2	1.0	Steel ZP
P0835.050-012-ZP	M5	5.0	12	7.2	1.0	Steel ZP
P0835.050-014-ZP	M5	5.0	14	7.2	1.0	Steel ZP
P0835.050-015-ZP	M5	5.0	15	7.2	1.0	Steel ZP
P0835.050-016-ZP	M5	5.0	16	7.2	1.0	Steel ZP
P0835.050-018-ZP	M5	5.0	18	7.2	1.0	Steel ZP
P0835.050-020-ZP	M5	5.0	20	7.2	1.0	Steel ZP
P0835.050-022-ZP	M5	5.0	22	7.2	1.0	Steel ZP
P0835.050-025-ZP	M5	5.0	25	7.2	1.0	Steel ZP
P0835.050-030-ZP	M5	5.0	30	7.2	1.0	Steel ZP
P0835.050-035-ZP	M5	5.0	35	7.2	1.0	Steel ZP
P0835.050-038-ZP	M5	5.0	38	7.2	1.0	Steel ZP
P0835.050-040-ZP	M5	5.0	40	7.2	1.0	Steel ZP
P0835.050-045-ZP	M5	5.0	45	7.2	1.0	Steel ZP
P0835.050-050-ZP	M5	5.0	50	7.2	1.0	Steel ZP
P0835.060-008-ZP	M6	6.0	8	7.9	1.6	Steel ZP
P0835.060-010-ZP	M6	6.0	10	7.9	1.6	Steel ZP
P0835.060-012-ZP	M6	6.0	12	7.9	1.6	Steel ZP
P0835.060-014-ZP	M6	6.0	14	7.9	1.6	Steel ZP
P0835.060-015-ZP	M6	6.0	15	7.9	1.6	Steel ZP
P0835.060-016-ZP	M6	6.0	16	7.9	1.6	Steel ZP
P0835.060-018-ZP	M6	6.0	18	7.9	1.6	Steel ZP
P0835.060-020-ZP	M6	6.0	20	7.9	1.6	Steel ZP
P0835.060-022-ZP	M6	6.0	22	7.9	1.6	Steel ZP
P0835.060-025-ZP	M6	6.0	25	7.9	1.6	Steel ZP
P0835.060-030-ZP	M6	6.0	30	7.9	1.6	Steel ZP
P0835.060-035-ZP	M6	6.0	35	7.9	1.6	Steel ZP
P0835.060-038-ZP	M6	6.0	38	7.9	1.6	Steel ZP
P0835.060-040-ZP	M6	6.0	40	7.9	1.6	Steel ZP
P0835.060-045-ZP	M6	6.0	45	7.9	1.6	Steel ZP
P0835.060-050-ZP	M6	6.0	50	7.9	1.6	Steel ZP
P0835.080-012-ZP	M8	8.0	12	9.6	2.4	Steel ZP
P0835.080-014-ZP	M8	8.0	14	9.6	2.4	Steel ZP
P0835.080-015-ZP	M8	8.0	15	9.6	2.4	Steel ZP
P0835.080-016-ZP	M8	8.0	16	9.6	2.4	Steel ZP
P0835.080-018-ZP	M8	8.0	18	9.6	2.4	Steel ZP
P0835.080-020-ZP	M8	8.0	20	9.6	2.4	Steel ZP
P0835.080-022-ZP	M8	8.0	22	9.6	2.4	Steel ZP
P0835.080-025-ZP	M8	8.0	25	9.6	2.4	Steel ZP
P0835.080-030-ZP	M8	8.0	30	9.6	2.4	Steel ZP
P0835.080-035-ZP	M8	8.0	35	9.6	2.4	Steel ZP
P0835.080-038-ZP	M8	8.0	38	9.6	2.4	Steel ZP
P0835.080-040-ZP	M8	8.0	40	9.6	2.4	Steel ZP
P0835.080-045-ZP	M8	8.0	45	9.6	2.4	Steel ZP
P0835.080-050-ZP	M8	8.0	50	9.6	2.4	Steel ZP
P0835.080-060-ZP	M8	8.0	60	9.6	2.4	Steel ZP

CLINCH STUDS



P0835.A2



Material

Stainless steel (A2, AISI 303).

Technical Notes

Clinch studs provide a strong male thread

in sheet metal materials. They are squeezed into place using a press whilst supporting the reverse side. They provide a flush finish on the reverse side.

Stainless clinch studs are suitable for use with material up to HRB 70 hardness.
 l_2 - minimum distance from edge of metal.

Order No.	For thread	d_1	l_1	l_2	w_1 min.	Material
P0835.025-006-A2	M2,5	2.5	6	5.4	1.0	A2 s/s
P0835.025-008-A2	M2,5	2.5	8	5.4	1.0	A2 s/s
P0835.025-010-A2	M2,5	2.5	10	5.4	1.0	A2 s/s
P0835.025-012-A2	M2,5	2.5	12	5.4	1.0	A2 s/s
P0835.025-014-A2	M2,5	2.5	14	5.4	1.0	A2 s/s
P0835.025-015-A2	M2,5	2.5	15	5.4	1.0	A2 s/s
P0835.025-016-A2	M2,5	2.5	16	5.4	1.0	A2 s/s
P0835.025-018-A2	M2,5	2.5	18	5.4	1.0	A2 s/s
P0835.030-006-A2	M3	3.0	6	5.6	1.0	A2 s/s
P0835.030-008-A2	M3	3.0	8	5.6	1.0	A2 s/s
P0835.030-010-A2	M3	3.0	10	5.6	1.0	A2 s/s
P0835.030-012-A2	M3	3.0	12	5.6	1.0	A2 s/s
P0835.030-014-A2	M3	3.0	14	5.6	1.0	A2 s/s
P0835.030-015-A2	M3	3.0	15	5.6	1.0	A2 s/s
P0835.030-016-A2	M3	3.0	16	5.6	1.0	A2 s/s
P0835.030-018-A2	M3	3.0	18	5.6	1.0	A2 s/s
P0835.030-020-A2	M3	3.0	20	5.6	1.0	A2 s/s
P0835.030-022-A2	M3	3.0	22	5.6	1.0	A2 s/s
P0835.030-025-A2	M3	3.0	25	5.6	1.0	A2 s/s
P0835.030-030-A2	M3	3.0	30	5.6	1.0	A2 s/s
P0835.030-035-A2	M3	3.0	35	5.6	1.0	A2 s/s
P0835.035-008-A2	M3,5	3.5	8	6.4	1.0	A2 s/s
P0835.035-010-A2	M3,5	3.5	10	6.4	1.0	A2 s/s
P0835.035-012-A2	M3,5	3.5	12	6.4	1.0	A2 s/s
P0835.035-014-A2	M3,5	3.5	14	6.4	1.0	A2 s/s
P0835.035-015-A2	M3,5	3.5	15	6.4	1.0	A2 s/s
P0835.035-016-A2	M3,5	3.5	16	6.4	1.0	A2 s/s
P0835.035-018-A2	M3,5	3.5	18	6.4	1.0	A2 s/s
P0835.040-006-A2	M4	4.0	6	7.2	1.0	A2 s/s
P0835.040-008-A2	M4	4.0	8	7.2	1.0	A2 s/s
P0835.040-010-A2	M4	4.0	10	7.2	1.0	A2 s/s
P0835.040-012-A2	M4	4.0	12	7.2	1.0	A2 s/s
P0835.040-014-A2	M4	4.0	14	7.2	1.0	A2 s/s
P0835.040-015-A2	M4	4.0	15	7.2	1.0	A2 s/s



Clinch Studs

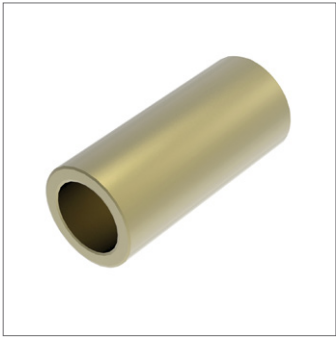
A2 Stainless

Clinch Studs

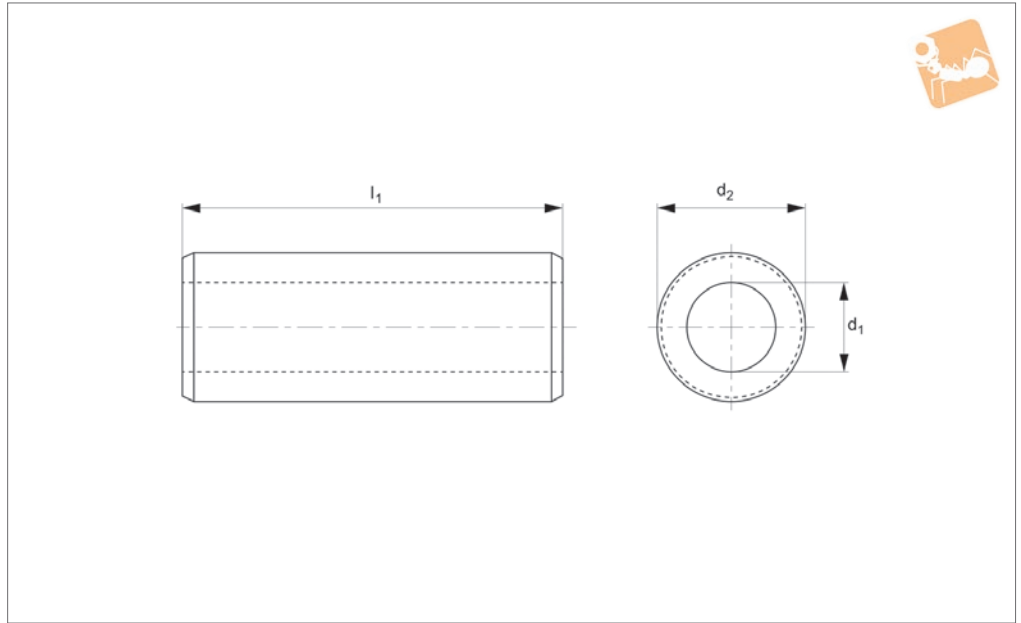


Order No.	For thread	d ₁	l ₁	l ₂	w ₁ min.	Material
P0835.040-016-A2	M4	4.0	16	7.2	1.0	A2 s/s
P0835.040-018-A2	M4	4.0	18	7.2	1.0	A2 s/s
P0835.040-020-A2	M4	4.0	20	7.2	1.0	A2 s/s
P0835.040-022-A2	M4	4.0	22	7.2	1.0	A2 s/s
P0835.040-025-A2	M4	4.0	25	7.2	1.0	A2 s/s
P0835.040-030-A2	M4	4.0	30	7.2	1.0	A2 s/s
P0835.040-035-A2	M4	4.0	35	7.2	1.0	A2 s/s
P0835.040-038-A2	M4	4.0	38	7.2	1.0	A2 s/s
P0835.040-040-A2	M4	4.0	40	7.2	1.0	A2 s/s
P0835.040-045-A2	M4	4.0	45	7.2	1.0	A2 s/s
P0835.040-050-A2	M4	4.0	50	7.2	1.0	A2 s/s
P0835.050-008-A2	M5	5.0	8	7.2	1.0	A2 s/s
P0835.050-010-A2	M5	5.0	10	7.2	1.0	A2 s/s
P0835.050-012-A2	M5	5.0	12	7.2	1.0	A2 s/s
P0835.050-014-A2	M5	5.0	14	7.2	1.0	A2 s/s
P0835.050-015-A2	M5	5.0	15	7.2	1.0	A2 s/s
P0835.050-016-A2	M5	5.0	16	7.2	1.0	A2 s/s
P0835.050-018-A2	M5	5.0	18	7.2	1.0	A2 s/s
P0835.050-020-A2	M5	5.0	20	7.2	1.0	A2 s/s
P0835.050-022-A2	M5	5.0	22	7.2	1.0	A2 s/s
P0835.050-025-A2	M5	5.0	25	7.2	1.0	A2 s/s
P0835.050-030-A2	M5	5.0	30	7.2	1.0	A2 s/s
P0835.050-035-A2	M5	5.0	35	7.2	1.0	A2 s/s
P0835.050-038-A2	M5	5.0	38	7.2	1.0	A2 s/s
P0835.060-010-A2	M6	6.0	10	7.9	1.6	A2 s/s
P0835.060-012-A2	M6	6.0	12	7.9	1.6	A2 s/s
P0835.060-014-A2	M6	6.0	14	7.9	1.6	A2 s/s
P0835.060-015-A2	M6	6.0	15	7.9	1.6	A2 s/s
P0835.060-016-A2	M6	6.0	16	7.9	1.6	A2 s/s
P0835.060-018-A2	M6	6.0	18	7.9	1.6	A2 s/s
P0835.060-020-A2	M6	6.0	20	7.9	1.6	A2 s/s
P0835.060-022-A2	M6	6.0	22	7.9	1.6	A2 s/s
P0835.060-025-A2	M6	6.0	25	7.9	1.6	A2 s/s
P0835.060-030-A2	M6	6.0	30	7.9	1.6	A2 s/s
P0835.060-035-A2	M6	6.0	35	7.9	1.6	A2 s/s
P0835.060-038-A2	M6	6.0	38	7.9	1.6	A2 s/s
P0835.060-040-A2	M6	6.0	40	7.9	1.6	A2 s/s
P0835.060-045-A2	M6	6.0	45	7.9	1.6	A2 s/s
P0835.060-050-A2	M6	6.0	50	7.9	1.6	A2 s/s
P0835.080-012-A2	M8	8.0	12	9.6	2.4	A2 s/s
P0835.080-014-A2	M8	8.0	14	9.6	2.4	A2 s/s
P0835.080-015-A2	M8	8.0	15	9.6	2.4	A2 s/s
P0835.080-016-A2	M8	8.0	16	9.6	2.4	A2 s/s
P0835.080-018-A2	M8	8.0	18	9.6	2.4	A2 s/s
P0835.080-020-A2	M8	8.0	20	9.6	2.4	A2 s/s
P0835.080-022-A2	M8	8.0	22	9.6	2.4	A2 s/s
P0835.080-025-A2	M8	8.0	25	9.6	2.4	A2 s/s
P0835.080-030-A2	M8	8.0	30	9.6	2.4	A2 s/s
P0835.080-035-A2	M8	8.0	35	9.6	2.4	A2 s/s
P0835.080-038-A2	M8	8.0	38	9.6	2.4	A2 s/s
P0835.080-040-A2	M8	8.0	40	9.6	2.4	A2 s/s
P0835.080-045-A2	M8	8.0	45	9.6	2.4	A2 s/s
P0835.080-050-A2	M8	8.0	50	9.6	2.4	A2 s/s

CLINCH STUDS



P1330



Material

Brass, nickel plated.

Relatively large wall thicknesses result in high compression strengths.

Technical Notes

Precision turned on outside diameter.

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1330.020-001	2	2.2	1	4
P1330.020-002	2	2.2	2	4
P1330.020-003	2	2.2	3	4
P1330.020-004	2	2.2	4	4
P1330.020-005	2	2.2	5	4
P1330.020-006	2	2.2	6	4
P1330.020-008	2	2.2	8	4
P1330.020-010	2	2.2	10	4
P1330.020-012	2	2.2	12	4
P1330.020-015	2	2.2	15	4
P1330.020-018	2	2.2	18	4
P1330.020-020	2	2.2	20	4
P1330.020-025	2	2.2	25	4
P1330.020-030	2	2.2	30	4
P1330.025-001	2.5	2.5	1	5
P1330.025-002	2.5	2.5	2	5
P1330.025-003	2.5	2.5	3	5
P1330.025-004	2.5	2.5	4	5
P1330.025-005	2.5	2.5	5	5
P1330.025-006	2.5	2.5	6	5
P1330.025-008	2.5	2.5	8	5
P1330.025-010	2.5	2.5	10	5
P1330.025-012	2.5	2.5	12	5
P1330.025-015	2.5	2.5	15	5
P1330.025-018	2.5	2.5	18	5
P1330.025-020	2.5	2.5	20	5
P1330.025-025	2.5	2.5	25	5
P1330.025-030	2.5	2.5	30	5
P1330.030-001	3	3.2	1	6
P1330.030-002	3	3.2	2	6
P1330.030-003	3	3.2	3	6
P1330.030-004	3	3.2	4	6
P1330.030-005	3	3.2	5	6
P1330.030-006	3	3.2	6	6



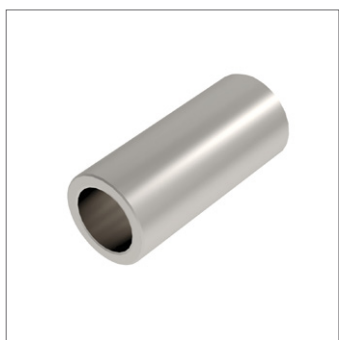
Cylindrical Spacers - Brass



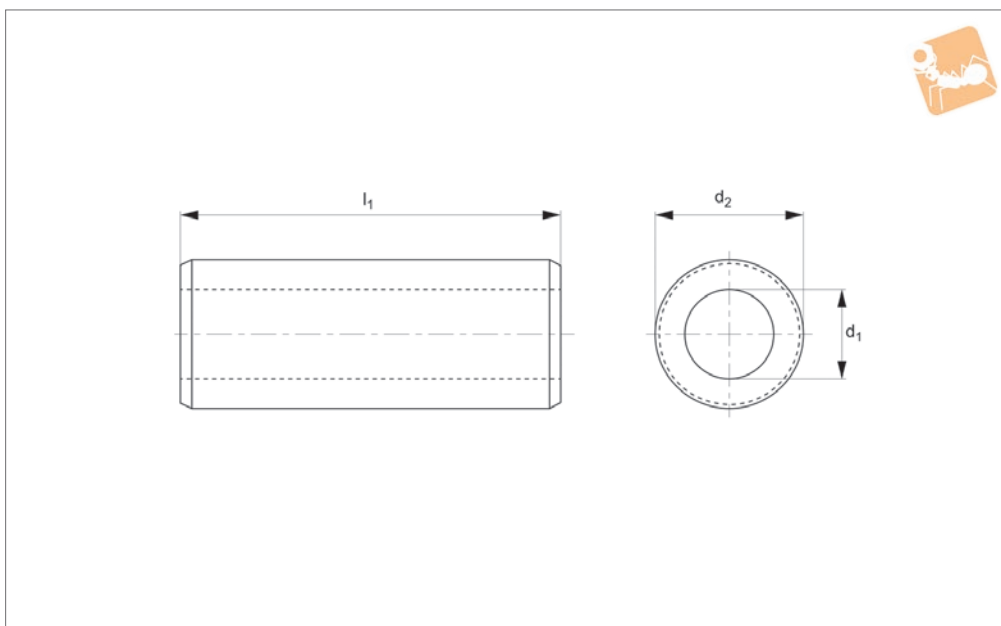
Other Mechanical Parts

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1330.030-008	3	3.2	8	6
P1330.030-010	3	3.2	10	6
P1330.030-012	3	3.2	12	6
P1330.030-015	3	3.2	15	6
P1330.030-018	3	3.2	18	6
P1330.030-020	3	3.2	20	6
P1330.030-025	3	3.2	25	6
P1330.030-030	3	3.2	30	6
P1330.040-001	4	4.3	1	8
P1330.040-002	4	4.3	2	8
P1330.040-003	4	4.3	3	8
P1330.040-004	4	4.3	4	8
P1330.040-005	4	4.3	5	8
P1330.040-006	4	4.3	6	8
P1330.040-008	4	4.3	8	8
P1330.040-010	4	4.3	10	8
P1330.040-012	4	4.3	12	8
P1330.040-015	4	4.3	15	8
P1330.040-018	4	4.3	18	8
P1330.040-020	4	4.3	20	8
P1330.040-025	4	4.3	25	8
P1330.040-030	4	4.3	30	8
P1330.050-001	5	5.3	1	10
P1330.050-002	5	5.3	2	10
P1330.050-003	5	5.3	3	10
P1330.050-004	5	5.3	4	10
P1330.050-005	5	5.3	5	10
P1330.050-006	5	5.3	6	10
P1330.050-008	5	5.3	8	10
P1330.050-010	5	5.3	10	10
P1330.050-012	5	5.3	12	10
P1330.050-015	5	5.3	15	10
P1330.050-018	5	5.3	18	10
P1330.050-020	5	5.3	20	10
P1330.050-025	5	5.3	25	10
P1330.050-030	5	5.3	30	10

OTHER MECHANICAL PARTS



P1331



Material

Stainless steel (AISI 303).

Relatively large wall thicknesses result in high compression strengths.

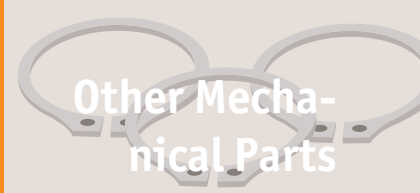
Technical Notes

Precision turned on outside diameter.

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1331.020-001	2	2.2	1	4
P1331.020-002	2	2.2	2	4
P1331.020-003	2	2.2	3	4
P1331.020-004	2	2.2	4	4
P1331.020-005	2	2.2	5	4
P1331.020-006	2	2.2	6	4
P1331.020-008	2	2.2	8	4
P1331.020-010	2	2.2	10	4
P1331.020-012	2	2.2	12	4
P1331.020-015	2	2.2	15	4
P1331.020-018	2	2.2	18	4
P1331.020-020	2	2.2	20	4
P1331.020-025	2	2.2	25	4
P1331.020-030	2	2.2	30	4
P1331.025-001	2.5	2.5	1	5
P1331.025-002	2.5	2.5	2	5
P1331.025-003	2.5	2.5	3	5
P1331.025-004	2.5	2.5	4	5
P1331.025-005	2.5	2.5	5	5
P1331.025-006	2.5	2.5	6	5
P1331.025-008	2.5	2.5	8	5
P1331.025-010	2.5	2.5	10	5
P1331.025-012	2.5	2.5	12	5
P1331.025-015	2.5	2.5	15	5
P1331.025-018	2.5	2.5	18	5
P1331.025-020	2.5	2.5	20	5
P1331.025-025	2.5	2.5	25	5
P1331.025-030	2.5	2.5	30	5
P1331.030-001	3	3.2	1	6
P1331.030-002	3	3.2	2	6
P1331.030-003	3	3.2	3	6
P1331.030-004	3	3.2	4	6
P1331.030-005	3	3.2	5	6
P1331.030-006	3	3.2	6	6



Cylindrical Spacers - Stainless



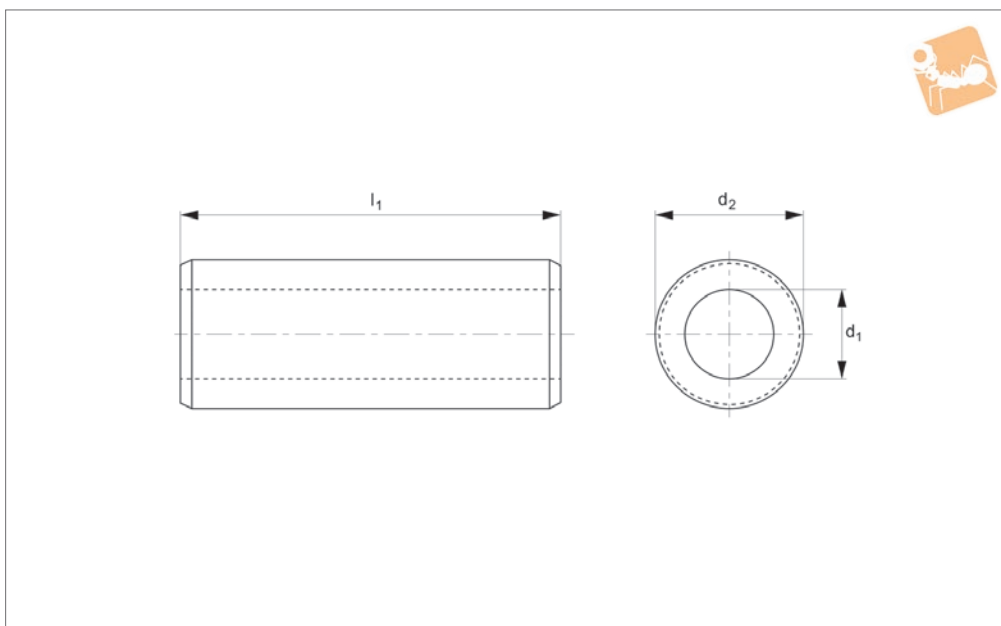
Other Mechanical Parts

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1331.030-008	3	3.2	8	6
P1331.030-010	3	3.2	10	6
P1331.030-012	3	3.2	12	6
P1331.030-015	3	3.2	15	6
P1331.030-018	3	3.2	18	6
P1331.030-020	3	3.2	20	6
P1331.030-025	3	3.2	25	6
P1331.030-030	3	3.2	30	6
P1331.040-001	4	4.3	1	8
P1331.040-002	4	4.3	2	8
P1331.040-003	4	4.3	3	8
P1331.040-004	4	4.3	4	8
P1331.040-005	4	4.3	5	8
P1331.040-006	4	4.3	6	8
P1331.040-008	4	4.3	8	8
P1331.040-010	4	4.3	10	8
P1331.040-012	4	4.3	12	8
P1331.040-015	4	4.3	15	8
P1331.040-018	4	4.3	18	8
P1331.040-020	4	4.3	20	8
P1331.040-025	4	4.3	25	8
P1331.040-030	4	4.3	30	8
P1331.050-001	5	5.3	1	10
P1331.050-002	5	5.3	2	10
P1331.050-003	5	5.3	3	10
P1331.050-004	5	5.3	4	10
P1331.050-005	5	5.3	5	10
P1331.050-006	5	5.3	6	10
P1331.050-008	5	5.3	8	10
P1331.050-010	5	5.3	10	10
P1331.050-012	5	5.3	12	10
P1331.050-015	5	5.3	15	10
P1331.050-018	5	5.3	18	10
P1331.050-020	5	5.3	20	10
P1331.050-025	5	5.3	25	10
P1331.050-030	5	5.3	30	10

OTHER MECHANICAL PARTS



P1332



Material
Nylon, PA66

Technical Notes
Precision turned on outside diameter.

Economical means of spacing components where high compression strength is not required. Provides corrosion resistance and electrical insulation.

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1332.030-001	3	3.2	1	6
P1332.030-002	3	3.2	2	6
P1332.030-003	3	3.2	3	6
P1332.030-004	3	3.2	4	6
P1332.030-005	3	3.2	5	6
P1332.030-006	3	3.2	6	6
P1332.030-008	3	3.2	8	6
P1332.030-010	3	3.2	10	6
P1332.030-012	3	3.2	12	6
P1332.030-015	3	3.2	15	6
P1332.030-018	3	3.2	18	6
P1332.030-020	3	3.2	20	6
P1332.030-025	3	3.2	25	6
P1332.030-030	3	3.2	30	6
P1332.040-001	4	4.3	1	8
P1332.040-002	4	4.3	2	8
P1332.040-003	4	4.3	3	8
P1332.040-004	4	4.3	4	8
P1332.040-005	4	4.3	5	8
P1332.040-006	4	4.3	6	8
P1332.040-008	4	4.3	8	8
P1332.040-010	4	4.3	10	8
P1332.040-012	4	4.3	12	8
P1332.040-016	4	4.3	16	8
P1332.040-018	4	4.3	18	8
P1332.040-020	4	4.3	20	8
P1332.040-025	4	4.3	25	8
P1332.040-030	4	4.3	30	8
P1332.050-001	5	5.3	1	10
P1332.050-002	5	5.3	2	10
P1332.050-003	5	5.3	3	10
P1332.050-004	5	5.3	4	10
P1332.050-005	5	5.3	5	10
P1332.050-006	5	5.3	6	10



Cylindrical Spacers - Nylon



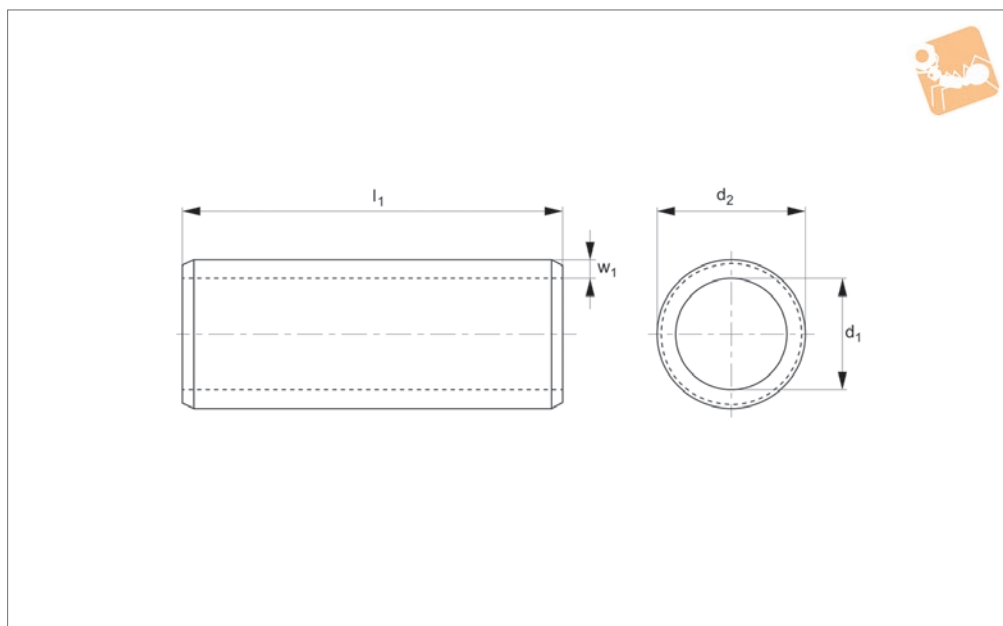
Other Mechanical Parts

Order No.	d ₁ nom.	d ₁ max.	l ₁ tol. js13	d ₂ tol. h9
P1332.050-008	5	5.3	8	10
P1332.050-010	5	5.3	10	10
P1332.050-012	5	5.3	12	10
P1332.050-015	5	5.3	15	10
P1332.050-018	5	5.3	18	10
P1332.050-020	5	5.3	20	10
P1332.050-025	5	5.3	25	10
P1332.050-030	5	5.3	30	10
P1332.060-001	6	6.4	1	10
P1332.060-002	6	6.4	2	10
P1332.060-003	6	6.4	3	10
P1332.060-004	6	6.4	4	10
P1332.060-005	6	6.4	5	10
P1332.060-006	6	6.4	6	10
P1332.060-008	6	6.4	8	10
P1332.060-010	6	6.4	10	10
P1332.060-012	6	6.4	12	10
P1332.060-015	6	6.4	15	10
P1332.060-018	6	6.4	18	10
P1332.060-020	6	6.4	20	10
P1332.060-025	6	6.4	25	10
P1332.060-030	6	6.4	30	10
P1332.080-001	8	8.2	1	12
P1332.080-002	8	8.2	2	12
P1332.080-003	8	8.2	3	12
P1332.080-004	8	8.2	4	12
P1332.080-005	8	8.2	5	12
P1332.080-006	8	8.2	6	12
P1332.080-008	8	8.2	8	12
P1332.080-010	8	8.2	10	12
P1332.080-012	8	8.2	12	12
P1332.080-015	8	8.2	15	12
P1332.080-018	8	8.2	18	12
P1332.080-020	8	8.2	20	12
P1332.080-025	8	8.2	25	12
P1332.080-030	8	8.2	30	12

OTHER MECHANICAL PARTS



P1335



Material

Mild steel (AISI 1010, CS4), zinc plated.

ring process makes them very cost-effective.

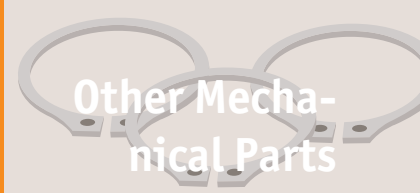
Technical Notes

These are rolled spacers - the manufactu-

Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1335.030-004	3	3.15	3.3	4	4.4	0.5
P1335.030-006	3	3.15	3.3	6	4.4	0.5
P1335.030-008	3	3.15	3.3	8	4.4	0.5
P1335.030-010	3	3.15	3.3	10	4.4	0.5
P1335.030-012	3	3.15	3.3	12	4.4	0.5
P1335.030-014	3	3.15	3.3	14	4.4	0.5
P1335.030-016	3	3.15	3.3	16	4.4	0.5
P1335.030-018	3	3.15	3.3	18	4.4	0.5
P1335.030-020	3	3.15	3.3	20	4.4	0.5
P1335.040-004	4	4.15	4.3	4	5.8	0.7
P1335.040-006	4	4.15	4.3	6	5.8	0.7
P1335.040-008	4	4.15	4.3	8	5.8	0.7
P1335.040-010	4	4.15	4.3	10	5.8	0.7
P1335.040-012	4	4.15	4.3	12	5.8	0.7
P1335.040-014	4	4.15	4.3	14	5.8	0.7
P1335.040-016	4	4.15	4.3	16	5.8	0.7
P1335.040-018	4	4.15	4.3	18	5.8	0.7
P1335.040-020	4	4.15	4.3	20	5.8	0.7
P1335.040-022	4	4.15	4.3	22	5.8	0.7
P1335.040-024	4	4.15	4.3	24	5.8	0.7
P1335.040-026	4	4.15	4.3	26	5.8	0.7
P1335.040-028	4	4.15	4.3	28	5.8	0.7
P1335.040-030	4	4.15	4.3	30	5.8	0.7
P1335.050-006	5	5.2	5.4	6	6.9	0.7
P1335.050-008	5	5.2	5.4	8	6.9	0.7
P1335.050-010	5	5.2	5.4	10	6.9	0.7
P1335.050-012	5	5.2	5.4	12	6.9	0.7
P1335.050-014	5	5.2	5.4	14	6.9	0.7
P1335.050-016	5	5.2	5.4	16	6.9	0.7
P1335.050-018	5	5.2	5.4	18	6.9	0.7
P1335.050-020	5	5.2	5.4	20	6.9	0.7
P1335.050-022	5	5.2	5.4	22	6.9	0.7
P1335.050-024	5	5.2	5.4	24	6.9	0.7
P1335.050-026	5	5.2	5.4	26	6.9	0.7



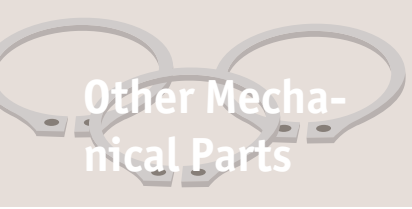
Clearance Spacers - Steel



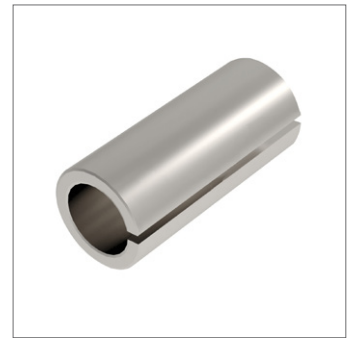
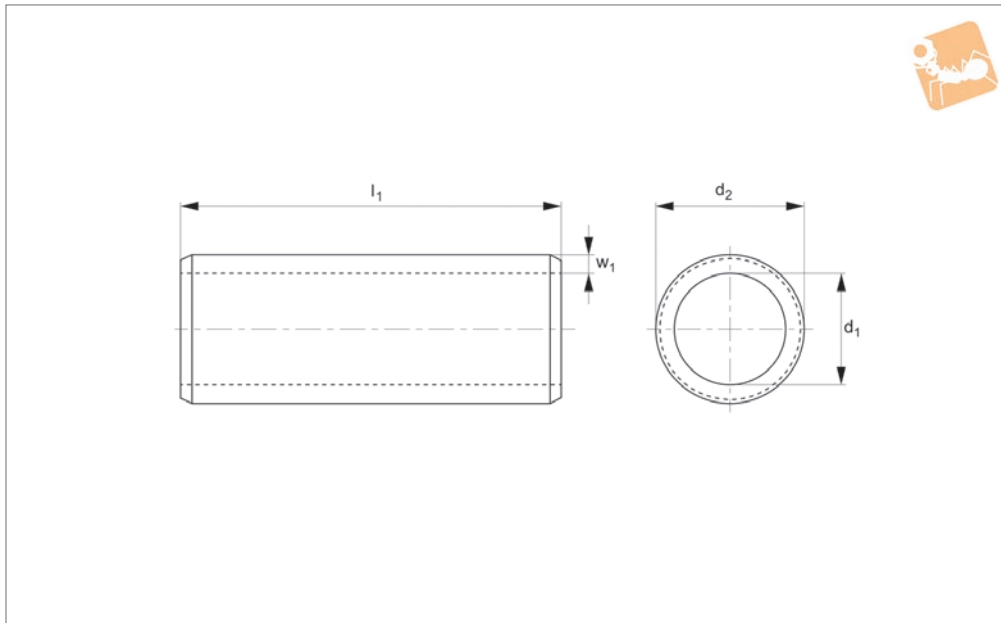
Other Mechanical Parts

Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1335.050-028	5	5.2	5.4	28	6.9	0.7
P1335.050-030	5	5.2	5.4	30	6.9	0.7
P1335.050-035	5	5.2	5.4	35	6.9	0.7
P1335.060-006	6	6.2	6.4	6	8.2	0.9
P1335.060-008	6	6.2	6.4	8	8.2	0.9
P1335.060-010	6	6.2	6.4	10	8.2	0.9
P1335.060-012	6	6.2	6.4	12	8.2	0.9
P1335.060-014	6	6.2	6.4	14	8.2	0.9
P1335.060-016	6	6.2	6.4	16	8.2	0.9
P1335.060-018	6	6.2	6.4	18	8.2	0.9
P1335.060-020	6	6.2	6.4	20	8.2	0.9
P1335.060-022	6	6.2	6.4	22	8.2	0.9
P1335.060-024	6	6.2	6.4	24	8.2	0.9
P1335.060-026	6	6.2	6.4	26	8.2	0.9
P1335.060-028	6	6.2	6.4	28	8.2	0.9
P1335.060-030	6	6.2	6.4	30	8.2	0.9
P1335.060-035	6	6.2	6.4	35	8.2	0.9
P1335.060-040	6	6.2	6.4	40	8.2	0.9
P1335.080-006	8	8.2	8.5	6	10.7	1.1
P1335.080-008	8	8.2	8.5	8	10.7	1.1
P1335.080-010	8	8.2	8.5	10	10.7	1.1
P1335.080-012	8	8.2	8.5	12	10.7	1.1
P1335.080-014	8	8.2	8.5	14	10.7	1.1
P1335.080-016	8	8.2	8.5	16	10.7	1.1
P1335.080-018	8	8.2	8.5	18	10.7	1.1
P1335.080-020	8	8.2	8.5	20	10.7	1.1
P1335.080-022	8	8.2	8.5	22	10.7	1.1
P1335.080-024	8	8.2	8.5	24	10.7	1.1
P1335.080-026	8	8.2	8.5	26	10.7	1.1
P1335.080-028	8	8.2	8.5	28	10.7	1.1
P1335.080-030	8	8.2	8.5	30	10.7	1.1
P1335.080-035	8	8.2	8.5	35	10.7	1.1
P1335.080-040	8	8.2	8.5	40	10.7	1.1
P1335.080-045	8	8.2	8.5	45	10.7	1.1
P1335.080-050	8	8.2	8.5	50	10.7	1.1
P1335.100-006	10	10.2	10.5	6	13.0	1.2
P1335.100-008	10	10.2	10.5	8	13.0	1.2
P1335.100-010	10	10.2	10.5	10	13.0	1.2
P1335.100-012	10	10.2	10.5	12	13.0	1.2
P1335.100-014	10	10.2	10.5	14	13.0	1.2
P1335.100-016	10	10.2	10.5	16	13.0	1.2
P1335.100-018	10	10.2	10.5	18	13.0	1.2
P1335.100-020	10	10.2	10.5	20	13.0	1.2
P1335.100-022	10	10.2	10.5	22	13.0	1.2
P1335.100-024	10	10.2	10.5	24	13.0	1.2
P1335.100-026	10	10.2	10.5	26	13.0	1.2
P1335.100-028	10	10.2	10.5	28	13.0	1.2
P1335.100-030	10	10.2	10.5	30	13.0	1.2
P1335.100-035	10	10.2	10.5	35	13.0	1.2
P1335.100-040	10	10.2	10.5	40	13.0	1.2
P1335.100-045	10	10.2	10.5	45	13.0	1.2
P1335.100-050	10	10.2	10.5	50	13.0	1.2
P1335.100-055	10	10.2	10.5	55	13.0	1.2
P1335.100-060	10	10.2	10.5	60	13.0	1.2
P1335.120-012	12	12.25	12.7	12	15.9	1.6
P1335.120-014	12	12.25	12.7	14	15.9	1.6
P1335.120-016	12	12.25	12.7	16	15.9	1.6
P1335.120-018	12	12.25	12.7	18	15.9	1.6
P1335.120-020	12	12.25	12.7	20	15.9	1.6
P1335.120-022	12	12.25	12.7	22	15.9	1.6
P1335.120-024	12	12.25	12.7	24	15.9	1.6
P1335.120-026	12	12.25	12.7	26	15.9	1.6
P1335.120-028	12	12.25	12.7	28	15.9	1.6
P1335.120-030	12	12.25	12.7	30	15.9	1.6
P1335.120-035	12	12.25	12.7	35	15.9	1.6
P1335.120-040	12	12.25	12.7	40	15.9	1.6
P1335.120-045	12	12.25	12.7	45	15.9	1.6
P1335.120-050	12	12.25	12.7	50	15.9	1.6

OTHER MECHANICAL PARTS



Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1335.120-055	12	12.25	12.7	55	15.9	1.6
P1335.120-060	12	12.25	12.7	60	15.9	1.6



P1336

OTHER MECHANICAL PARTS

Material

Mild steel (AISI 1010, CS4), zinc plated.

ring process makes them very cost effective.

Technical Notes

These are rolled spacers - the manufactu-

Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1336.030-004	3	3.1	3.3	4	4.8	0.7
P1336.030-006	3	3.1	3.3	6	4.8	0.7
P1336.030-008	3	3.1	3.3	8	4.8	0.7
P1336.030-010	3	3.1	3.3	10	4.8	0.7
P1336.030-012	3	3.1	3.3	12	4.8	0.7
P1336.030-014	3	3.1	3.3	14	4.8	0.7
P1336.030-016	3	3.1	3.3	16	4.8	0.7
P1336.030-018	3	3.1	3.3	18	4.8	0.7
P1336.030-020	3	3.1	3.3	20	4.8	0.7
P1336.040-004	4	4.1	4.35	4	6.4	1.0
P1336.040-006	4	4.1	4.35	6	6.4	1.0
P1336.040-008	4	4.1	4.35	8	6.4	1.0
P1336.040-010	4	4.1	4.35	10	6.4	1.0
P1336.040-012	4	4.1	4.35	12	6.4	1.0
P1336.040-014	4	4.1	4.35	14	6.4	1.0
P1336.040-016	4	4.1	4.35	16	6.4	1.0
P1336.040-018	4	4.1	4.35	18	6.4	1.0
P1336.040-020	4	4.1	4.35	20	6.4	1.0
P1336.040-022	4	4.1	4.35	22	6.4	1.0
P1336.040-024	4	4.1	4.35	24	6.4	1.0
P1336.040-026	4	4.1	4.35	26	6.4	1.0
P1336.040-028	4	4.1	4.35	28	6.4	1.0
P1336.040-030	4	4.1	4.35	30	6.4	1.0
P1336.050-006	5	5.1	5.4	6	7.8	1.2
P1336.050-008	5	5.1	5.4	8	7.8	1.2
P1336.050-010	5	5.1	5.4	10	7.8	1.2
P1336.050-012	5	5.1	5.4	12	7.8	1.2
P1336.050-014	5	5.1	5.4	14	7.8	1.2
P1336.050-016	5	5.1	5.4	16	7.8	1.2
P1336.050-018	5	5.1	5.4	18	7.8	1.2
P1336.050-020	5	5.1	5.4	20	7.8	1.2
P1336.050-022	5	5.1	5.4	22	7.8	1.2
P1336.050-024	5	5.1	5.4	24	7.8	1.2
P1336.050-026	5	5.1	5.4	26	7.8	1.2



Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1336.050-028	5	5.1	5.4	28	7.8	1.2
P1336.050-030	5	5.1	5.4	30	7.8	1.2
P1336.050-035	5	5.1	5.4	35	7.8	1.2
P1336.060-006	6	6.1	6.4	6	9.4	1.5
P1336.060-008	6	6.1	6.4	8	9.4	1.5
P1336.060-010	6	6.1	6.4	10	9.4	1.5
P1336.060-012	6	6.1	6.4	12	9.4	1.5
P1336.060-014	6	6.1	6.4	14	9.4	1.5
P1336.060-016	6	6.1	6.4	16	9.4	1.5
P1336.060-018	6	6.1	6.4	18	9.4	1.5
P1336.060-020	6	6.1	6.4	20	9.4	1.5
P1336.060-022	6	6.1	6.4	22	9.4	1.5
P1336.060-024	6	6.1	6.4	24	9.4	1.5
P1336.060-026	6	6.1	6.4	26	9.4	1.5
P1336.060-028	6	6.1	6.4	28	9.4	1.5
P1336.060-030	6	6.1	6.4	30	9.4	1.5
P1336.060-035	6	6.1	6.4	35	9.4	1.5
P1336.060-040	6	6.1	6.4	40	9.4	1.5
P1336.080-006	8	8.1	8.6	6	11.9	1.7
P1336.080-008	8	8.1	8.6	8	11.9	1.7
P1336.080-010	8	8.1	8.6	10	11.9	1.7
P1336.080-012	8	8.1	8.6	12	11.9	1.7
P1336.080-014	8	8.1	8.6	14	11.9	1.7
P1336.080-016	8	8.1	8.6	16	11.9	1.7
P1336.080-018	8	8.1	8.6	18	11.9	1.7
P1336.080-020	8	8.1	8.6	20	11.9	1.7
P1336.080-022	8	8.1	8.6	22	11.9	1.7
P1336.080-024	8	8.1	8.6	24	11.9	1.7
P1336.080-026	8	8.1	8.6	26	11.9	1.7
P1336.080-028	8	8.1	8.6	28	11.9	1.7
P1336.080-030	8	8.1	8.6	30	11.9	1.7
P1336.080-035	8	8.1	8.6	35	11.9	1.7
P1336.080-040	8	8.1	8.6	40	11.9	1.7
P1336.080-045	8	8.1	8.6	45	11.9	1.7
P1336.080-050	8	8.1	8.6	50	11.9	1.7
P1336.100-008	10	10.1	10.6	8	14.6	2.0
P1336.100-010	10	10.1	10.6	10	14.6	2.0
P1336.100-012	10	10.1	10.6	12	14.6	2.0
P1336.100-014	10	10.1	10.6	14	14.6	2.0
P1336.100-016	10	10.1	10.6	16	14.6	2.0
P1336.100-018	10	10.1	10.6	18	14.6	2.0
P1336.100-020	10	10.1	10.6	20	14.6	2.0
P1336.100-022	10	10.1	10.6	22	14.6	2.0
P1336.100-024	10	10.1	10.6	24	14.6	2.0
P1336.100-026	10	10.1	10.6	26	14.6	2.0
P1336.100-028	10	10.1	10.6	28	14.6	2.0
P1336.100-030	10	10.1	10.6	30	14.6	2.0
P1336.100-035	10	10.1	10.6	35	14.6	2.0
P1336.100-040	10	10.1	10.6	40	14.6	2.0
P1336.100-045	10	10.1	10.6	45	14.6	2.0
P1336.100-050	10	10.1	10.6	50	14.6	2.0
P1336.100-055	10	10.1	10.6	55	14.6	2.0
P1336.100-060	10	10.1	10.6	60	14.6	2.0
P1336.120-012	12	12.15	13.0	12	17.2	2.2
P1336.120-014	12	12.15	13.0	14	17.2	2.2
P1336.120-016	12	12.15	13.0	16	17.2	2.2
P1336.120-018	12	12.15	13.0	18	17.2	2.2
P1336.120-020	12	12.15	13.0	20	17.2	2.2
P1336.120-022	12	12.15	13.0	22	17.2	2.2
P1336.120-024	12	12.15	13.0	24	17.2	2.2
P1336.120-026	12	12.15	13.0	26	17.2	2.2
P1336.120-028	12	12.15	13.0	28	17.2	2.2
P1336.120-030	12	12.15	13.0	30	17.2	2.2
P1336.120-035	12	12.15	13.0	35	17.2	2.2
P1336.120-040	12	12.15	13.0	40	17.2	2.2
P1336.120-045	12	12.15	13.0	45	17.2	2.2
P1336.120-050	12	12.15	13.0	50	17.2	2.2
P1336.120-055	12	12.15	13.0	55	17.2	2.2



Steel Clearance Spacers



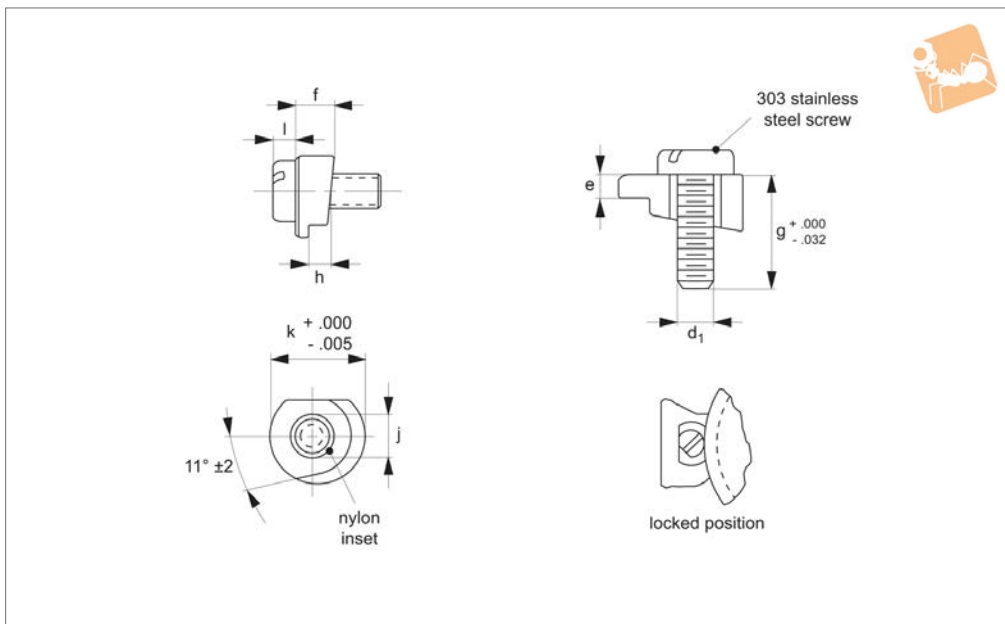
Other Mechanical Parts

Order No.	d ₁ nom.	d ₁ min.	d ₁ max.	l ₁ ±0.15	d ₂	w ₁
P1336.120-060	12	12.15	13.0	60	17.2	2.2
P1336.120-065	12	12.15	13.0	65	17.2	2.2
P1336.120-070	12	12.15	13.0	70	17.2	2.2

OTHER MECHANICAL PARTS



P0292



Material

Stainless steel (A4, AISI316, DIN 1.4401), with nylon insert.

Supplied with A2 (AISI303) stainless steel screw (screws not supplied with P1092.019, .020, or .026).

Technical Notes

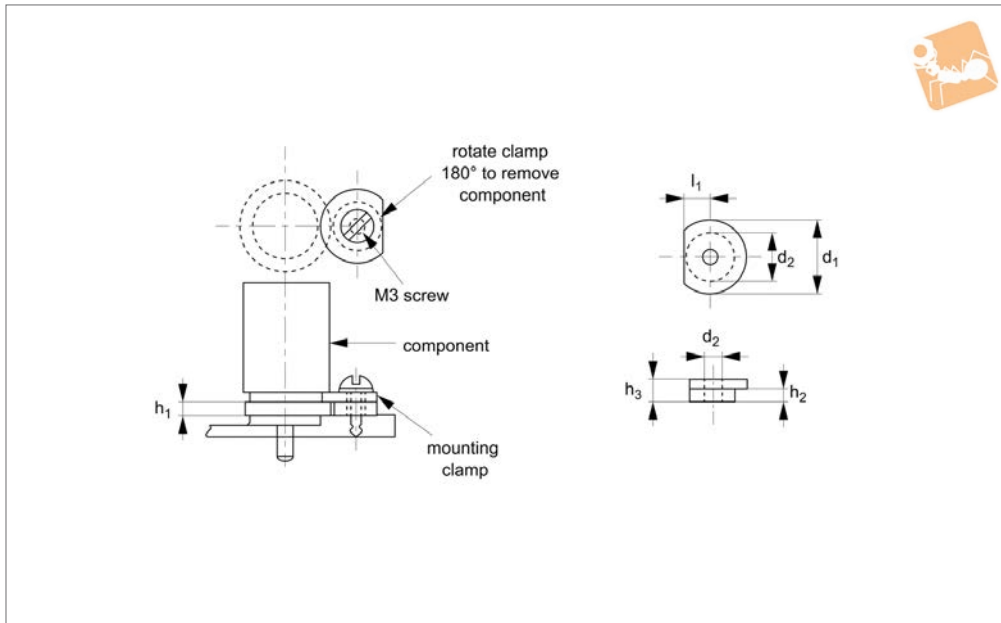
Quick release, faster clamping and self-locking.

Tips

Bolt circle: use the larger of the following two bolt circles:

add 6,86 to max. flange diameter or add 10,16 to max. groove base diameter.

Order No.	h_1 $\pm 6,08$	d_1	h_2 $\pm 0,08$	h_3	h_4	l_1 $+0 -0,8$	w_1	w_2 $+0 -0,15$
P0292.079	0.79	M3	1.02	1.80	1.73	8.0	9.90	3.18
P0292.157	1.57	M3	1.02	2.59	1.73	8.0	9.90	3.18
P0292.158	1.58	M3	1.27	2.84	1.73	10.0	9.90	3.18
P0292.159	1.57	M3	1.60	3.18	1.73	10.0	9.90	3.18
P0292.198	1.98	M3	1.60	3.58	1.73	10.0	9.90	3.18
P0292.236	2.36	M3	1.02	3.38	1.73	10.0	9.90	3.18
P0292.237	2.36	M3	1.27	3.63	1.73	10.0	9.90	3.18
P0292.238	2.36	M3	1.60	3.96	1.73	10.0	9.90	3.18
P0292.318	3.18	M3	1.27	4.45	1.73	10.0	9.90	3.18
P0292.396	3.96	M3	1.02	4.98	1.73	10.0	9.90	3.18
P0292.572	5.72	M3	1.60	7.32	1.73	12.0	9.90	3.18
P0292.635	6.35	M3	1.60	7.92	1.73	16.0	9.90	3.18



P0294

OTHER MECHANICAL PARTS

Material

Stainless steel (A2, AISI 303 or 416) or aluminium.

Technical Notes

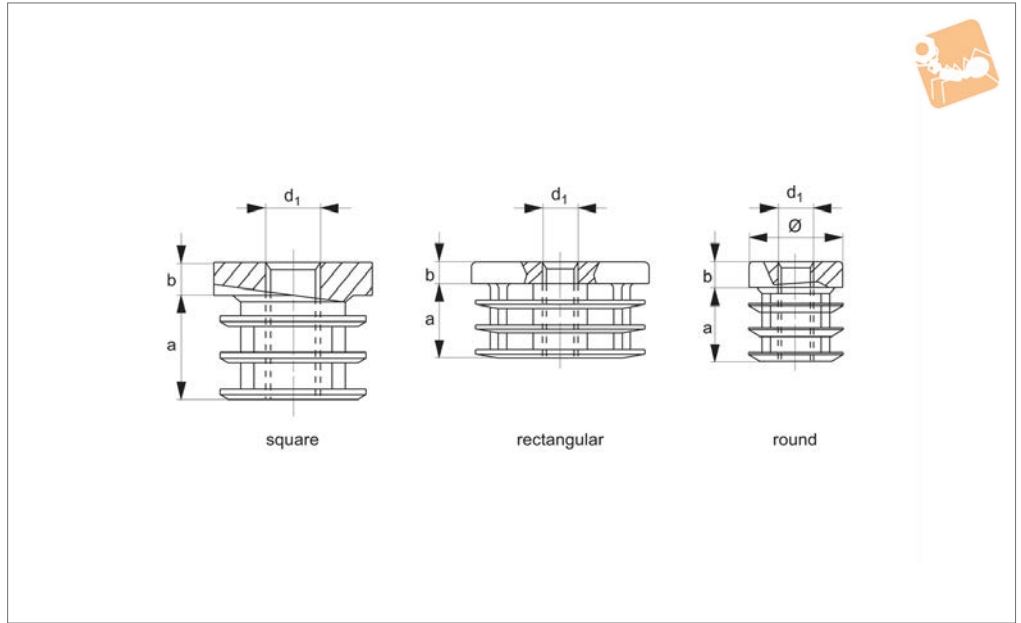
416 stainless steel is a less expensive stainless steel version as it is less corrosion

resistant than the A2 (AISI 303) grade.

Order No.	h_1	d_1	d_2	d_3	h_2	h_3	l_1	Material
P0294.015	1.57	9.5	6.3	3.2	1.32	2.54	3.2	Stainless 416
P0294.018	1.83	9.5	6.3	3.2	1.60	2.87	3.2	Stainless 416
P0294.023	2.36	9.5	6.3	3.2	2.08	3.33	3.2	Stainless 416
P0294.031	3.18	9.5	6.3	3.2	2.77	4.60	3.2	Stainless 416
P0294.032	3.18	9.5	6.3	3.2	2.84	4.11	3.2	Stainless 416
P0294.039	3.96	9.5	6.3	3.2	3.63	4.90	3.2	Stainless 416
P0294.057	5.72	9.5	6.3	3.2	5.41	6.68	3.2	Stainless 416
P0294.063	6.35	9.5	6.3	3.2	6.05	7.32	3.2	Stainless 416
P0294.015-A2	1.57	9.5	6.3	3.2	1.32	2.54	3.2	Stainless A2
P0294.018-A2	1.83	9.5	6.3	3.2	1.60	2.87	3.2	Stainless A2
P0294.023-A2	2.36	9.5	6.3	3.2	2.08	3.33	3.2	Stainless A2
P0294.031-A2	3.18	9.5	6.3	3.2	2.77	4.60	3.2	Stainless A2
P0294.032-A2	3.18	9.5	6.3	3.2	2.84	4.11	3.2	Stainless A2
P0294.1039-A2	3.96	9.5	6.3	3.2	3.63	4.90	3.2	Stainless A2
P0294.057-A2	5.72	9.5	6.3	3.2	5.41	6.68	3.2	Stainless A2
P0294.063-A2	6.35	9.5	6.3	3.2	6.05	7.32	3.2	Stainless A2
P0294.015-AL	1.57	9.5	6.3	3.2	1.32	2.54	3.2	Aluminium
P0294.023-AL	2.36	9.5	6.3	3.2	2.08	3.33	3.2	Aluminium
P0294.031-AL	3.18	9.5	6.3	3.2	2.77	4.60	3.2	Aluminium
P0294.063-AL	6.35	9.5	6.3	3.2	6.05	7.32	3.2	Aluminium



P1970



Material

Thermoplastic, black. Moulded thread.

Technical Notes

For use with fixed feet.

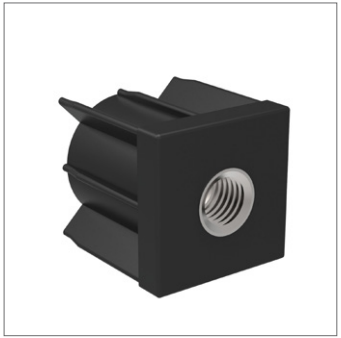
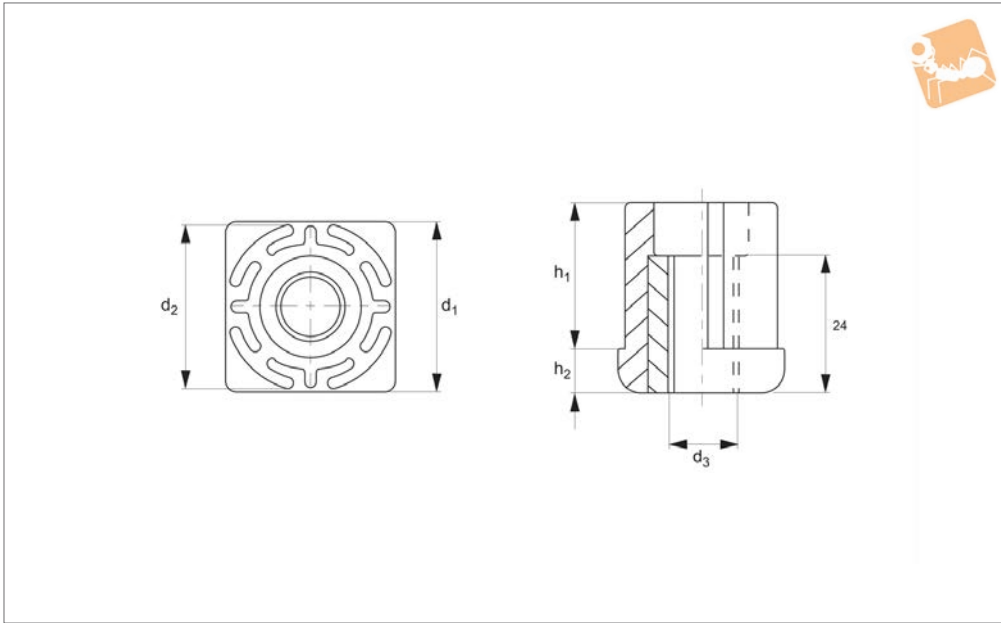
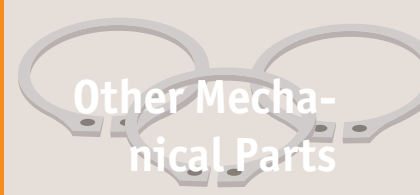
Tips

M 8 available on request, subject to minimum order quantity.

Order No.	Type	Tube size mm	d ₁	a	b
P1970.40-40	Square	40x40	M10	22	6



Threaded Plastic Inserts for Hollow with brass bush



P1974

OTHER MECHANICAL PARTS

Material

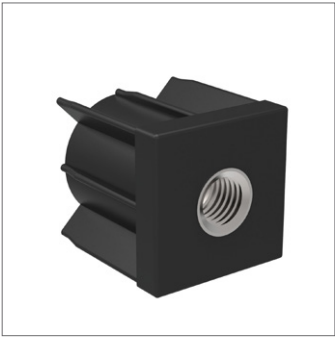
Body: polyamide reinforced nylon.
Bush: brass, nickel plated.

Technical Notes

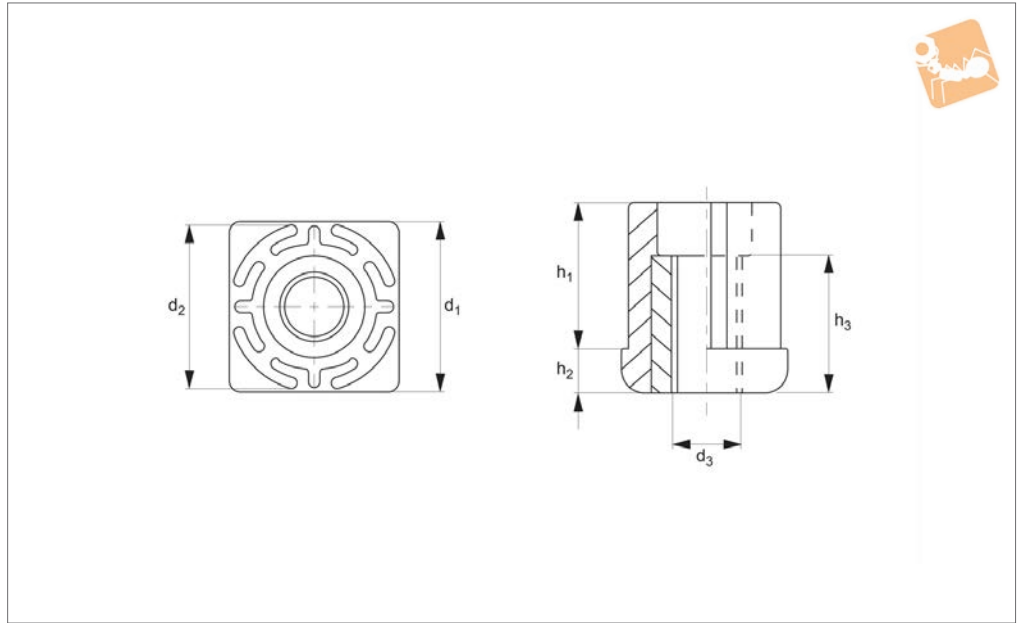
For use with levelling feet parts.

Order No.	Outerbox d_1	Innerbox d_2	d_3	h_1	h_2	Rec. load kg max.
P1974.212	40x40x1,5	37	M12	35	8	1000





P1975



Material

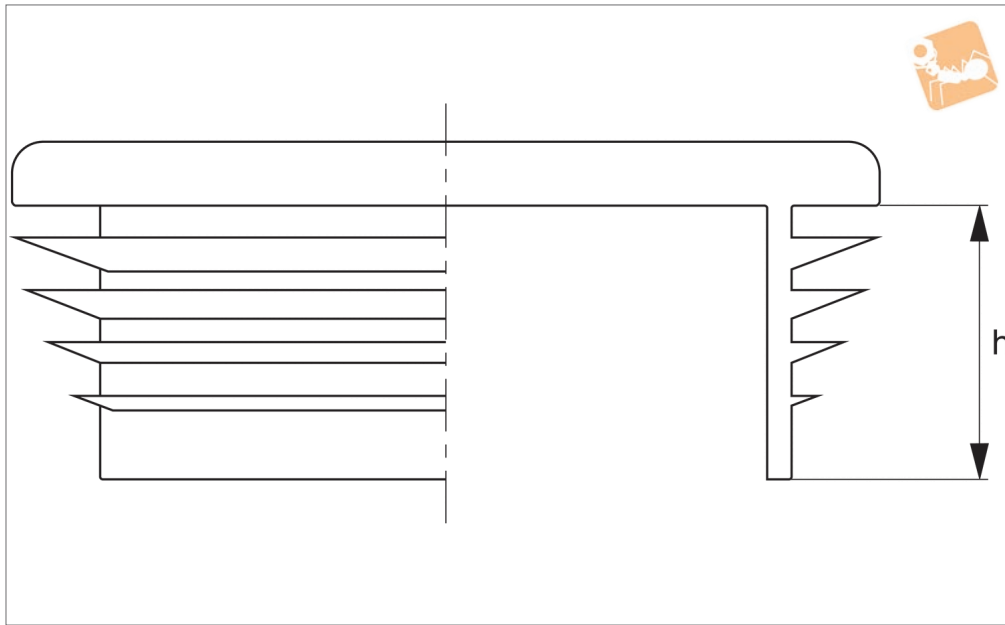
Bush: stainless steel, type AISI 303.

Moulding: polyamide reinforced nylon.

Order No.	Outerbox d_1	Innerbox d_2	d_3	h_1	h_2	h_3	Load capacity for static load kg max.
P1975.112	30x30x1,5	27	M12	35	8	24	500
P1975.210	40x40x1,5	37	M10	35	8	24	1000



Insert ribbed - oval



P1982

OTHER MECHANICAL PARTS

Material

Low density polyethylene, black.

Important Notes

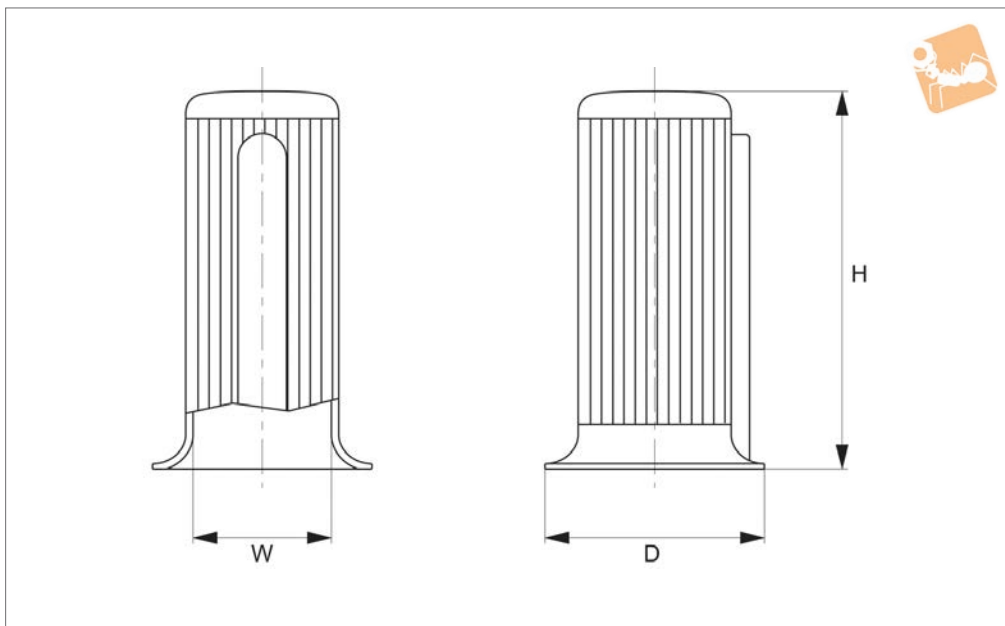
Sold subject to minimum pack quantity.

Technical Notes

Insert ribs provide secure fitting.



P1984



Material

Low density polyethylene, yellow.

Important Notes

Sold subject to minimum pack quantity.

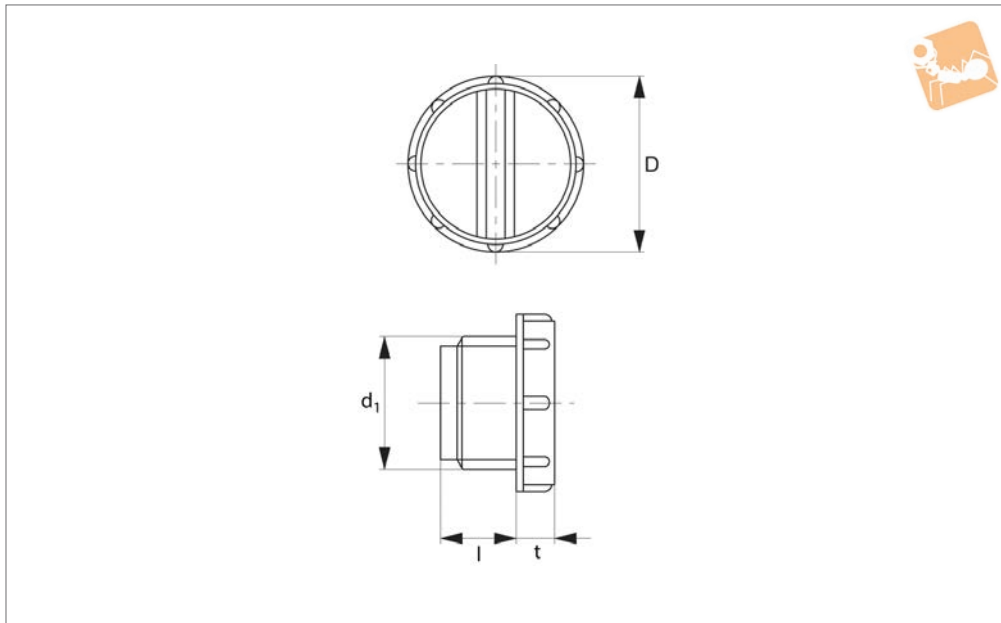
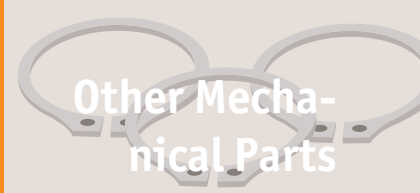
Technical Notes

For protection of drive shafts to DIN 748.

Order No.	w	d	h
P1984.009	9.0	14.5	24.0
P1984.011	11.0	17.5	27.5
P1984.014	14.0	22.5	35.0
P1984.015	15.0	25.5	32.0
P1984.016	16.0	25.5	47.0
P1984.019	19.0	30.5	47.0
P1984.020	20.0	32.0	58.5
P1984.022	22.0	35.5	58.5
P1984.024	24.0	38.5	58.5
P1984.025	25.0	40.0	70.0
P1984.028	28.0	45.0	70.0
P1984.030	30.0	48.0	93.5
P1984.032	32.0	51.0	93.5
P1984.035	35.0	56.0	93.5
P1984.038	38.0	61.0	93.5
P1984.042	42.0	67.0	127.5
P1984.045	45.0	72.0	117.5
P1984.048	48.0	77.0	127.5
P1984.055	55.0	88.0	127.5
P1984.060	60.0	96.0	164.0
P1984.065	65.0	104.0	164.0
P1984.075	75.0	112.0	164.0



Sealing Slotex Plugs threaded



P1990

OTHER MECHANICAL PARTS

Material

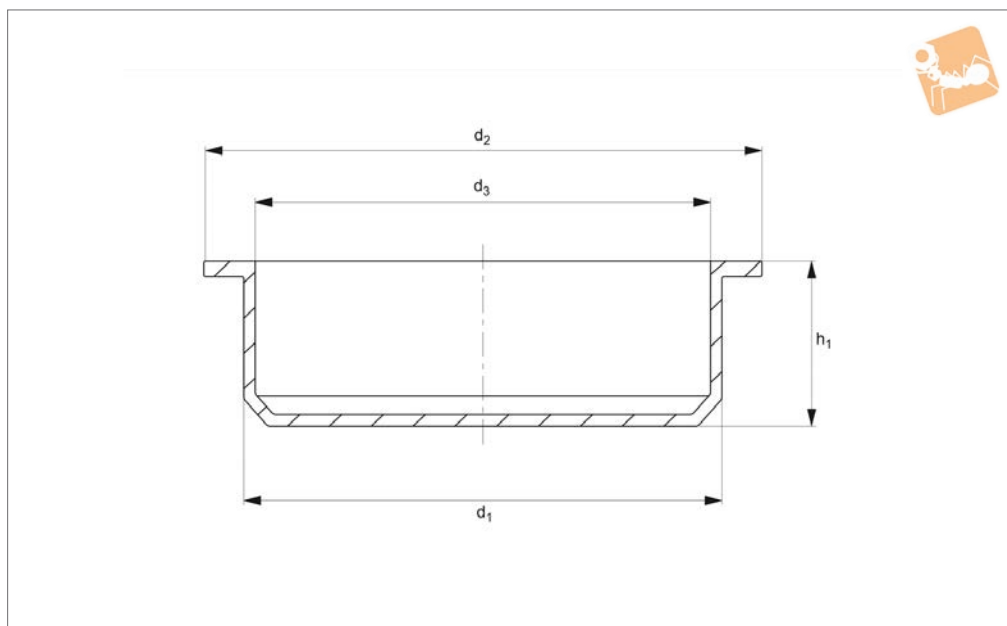
Low density polyethylene, yellow.

Important Notes

Sold subject to minimum pack quantity.



P1980



Material

Polyethylene, natural colour.

applications.

Technical Notes

General purpose for a wide range of appli-

Important Notes

Sold subject to minimum pack quantity.

Order No.	d_1	d_2	d_3	h_1	Thread	Thread inch
P1980.035	3.5	6.9	2.0	5.5	M 4	-
P1980.055	5.5	9.0	4.5	7.0	-	-
P1980.065	6.5	9.9	5.5	8.0	-	-
P1980.075	7.5	10.5	6.3	7.5	-	-
P1980.085	8.5	11.5	7.5	8.7	M10	-
P1980.095	9.5	12.3	8.5	8.2	-	-
P1980.026	26.0	30.9	24.5	11.6	-	-
P1980.026.5	26.5	30.4	25.0	11.5	-	-
P1980.027	27.0	31.0	25.2	10.4	M30	-
P1980.028	28.0	31.3	26.0	11.5	-	-
P1980.029	29.0	32.0	27.0	10.5	-	7/8"
P1980.031	31.0	35.0	29.0	11.8	-	1"
P1980.032	32.0	36.9	30.0	11.6	-	-
P1980.032.5	32.5	37.4	30.5	11.6	M36	-
P1980.033	33.0	37.7	31.0	11.4	-	-
P1980.034	34.0	38.5	32.0	11.7	-	-
P1980.036	36.0	41.2	34.0	12.0	M39	-
P1980.037	37.0	41.6	35.0	11.5	-	-
P1980.038	38.0	42.0	36.0	11.5	M42	-
P1980.039	39.0	43.8	37.0	11.3	-	-
P1980.046	46.0	50.6	44.0	11.3	-	1,1/2"
P1980.047	47.0	51.3	45.0	11.3	-	-
P1980.048	48.0	53.2	46.0	11.5	-	-
P1980.049	49.0	53.7	47.0	11.5	-	-
P1980.050	50.0	54.1	48.0	11.0	-	-
P1980.051	51.0	54.5	49.0	10.8	-	-
P1980.052	52.0	60.0	50.0	12.0	-	-
P1980.053	53.0	59.0	51.0	11.9	-	-
P1980.054	54.0	60.5	52.0	12.0	-	-
P1980.056	56.0	62.4	54.0	13.0	-	-
P1980.057	57.0	60.2	55.0	10.8	-	-
P1980.058	58.0	64.6	56.0	11.7	-	-
P1980.059	59.0	66.7	57.0	10.7	-	-
P1980.060	60.0	67.3	58.0	12.0	-	-



Parallel Protection Plug

push fit



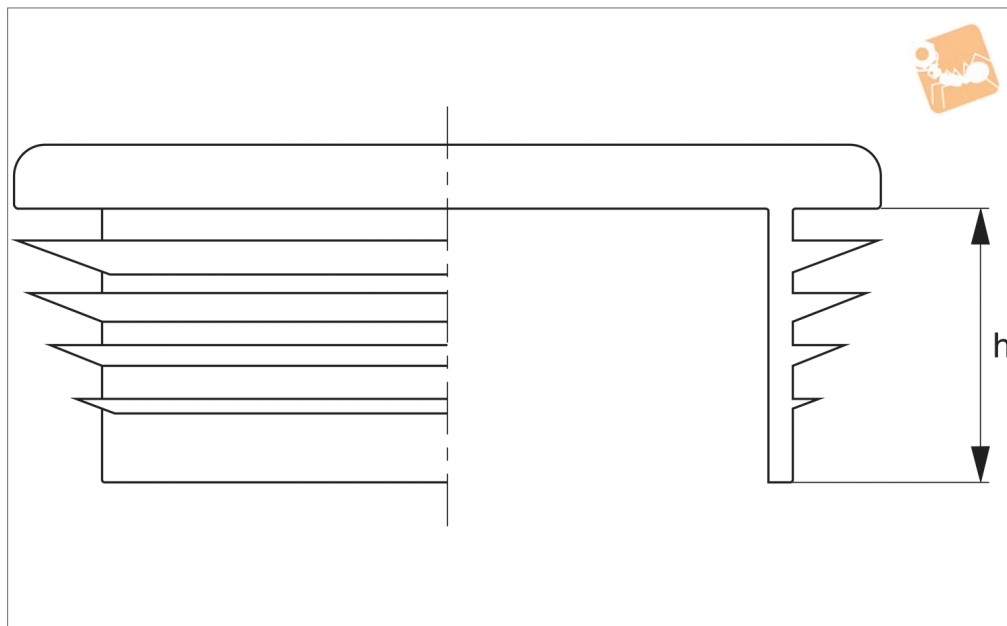
Other Mechanical Parts

Order No.	d ₁	d ₂	d ₃	h ₁	Thread	Thread inch
P1980.061	61.0	67.1	59.0	12.5	-	-
P1980.062	62.0	68.7	60.0	12.2	-	-
P1980.063	63.0	66.5	61.0	11.0	-	-
P1980.063.5	63.5	69.5	61.0	11.5	-	-
P1980.064	64.0	67.2	62.0	10.7	-	-
P1980.066	66.0	71.5	64.0	11.7	-	-
P1980.067	67.0	73.0	65.0	11.5	-	-
P1980.068	68.0	74.2	66.0	11.8	-	-
P1980.069	69.0	75.0	67.0	11.9	-	-
P1980.070	70.0	74.2	68.0	12.1	-	-
P1980.071	71.0	75.0	69.0	12.5	-	-
P1980.072	72.0	79.0	70.0	13.0	-	-
P1980.073	73.0	76.5	71.0	12.0	-	-
P1980.074	74.0	77.0	72.0	11.8	-	-
P1980.076	76.0	78.8	74.0	11.5	-	-
P1980.077	77.0	80.5	75.0	11.0	-	-
P1980.078	78.0	81.7	76.0	11.7	-	-
P1980.079	79.0	82.0	77.0	11.0	-	-
P1980.080	80.0	83.5	78.0	10.7	-	-
P1980.081	81.0	84.0	79.0	10.7	-	-
P1980.082	82.0	85.5	80.0	10.5	-	-
P1980.083	83.0	86.0	81.0	10.7	-	-
P1980.084	84.0	90.0	82.0	12.0	-	-
P1980.084.5	84.5	90.0	82.0	9.2	-	-
P1980.086	86.0	89.0	83.5	11.0	-	-
P1980.086.5	86.5	90.0	84.0	11.0	-	-
P1980.087	87.0	90.0	85.0	10.7	-	-
P1980.088	88.0	91.0	86.0	10.5	-	-
P1980.089	89.0	92.5	87.0	12.0	-	-
P1980.090	90.0	93.5	88.0	11.0	-	-
P1980.091	91.0	94.3	89.0	11.0	-	-
P1980.092	92.0	95.8	90.0	10.8	-	-
P1980.093	93.0	95.6	91.0	10.8	-	-
P1980.094	94.0	97.5	92.0	10.7	-	-
P1980.096	96.0	99.5	94.0	10.8	-	-
P1980.097	97.0	100.1	95.0	10.7	-	-
P1980.098	98.0	101.8	96.0	10.8	-	-
P1980.099	99.0	102.5	97.0	10.7	-	-
P1980.100	100.0	104.5	98.0	11.5	-	-

OTHER MECHANICAL PARTS



P1987



Material

Low density polyethylene, black.

Important Notes

Sold subject to minimum pack quantity.

Technical Notes

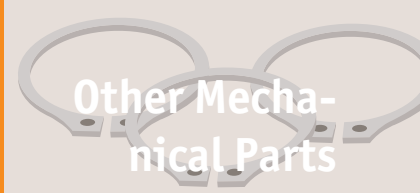
Insert ribs provide secure fitting.

Order No.	External cap dim.	Tube wall thickness	h
P1987.020-10-0	20x10	1,0-2,0	11,0
P1987.020-15-0	20x15	1,0-2,0	11,5
P1987.025-10-0	25x10	1,0-1,5	11,5
P1987.025-15-0	25x15	1,0-2,5	11,5
P1987.025-20-0	25x20	1,0-3,0	11,5
P1987.030-10-0	30x10	1,0-1,5	11,5
P1987.030-15-0	30x15	1,0-2,5	11,5
P1987.030-20-0	30x20	1,5-3,0	11,5
P1987.030-25-0	30x25	1,5	13,0
P1987.035-10-0	35x10	1,0-2,0	11,5
P1987.035-20-1	35x20	1,0-2,5	11,5
P1987.035-25-0	35x25	1,0-3,0	11,5
P1987.040-10-0	40x10	1,5	10,5
P1987.040-15-0	40x15	1,0-1,5	12,0
P1987.040-20-0	40x20	1,0-2,0	12,0
P1987.040-25-0	40x25	1,0-3,0	11,5
P1987.040-30-0	40x30	1,0-3,0	12,0
P1987.040-35-0	40x35	1,0-3,0	12,0
P1987.045-15-0	45x15	1,5-2,0	11,0
P1987.045-20-0	45x20	1,5-2,0	11,5
P1987.045-25-0	45x25	1,5-2,0	14,0
P1987.045-30-0	45x30	1,0-2,5	12,0
P1987.045-35-0	45x35	1,0-3,5	12,0
P1987.050-10-0	50x10	1,0-1,5	12,0
P1987.050-20-0	50x20	1,0-3,0	14,0
P1987.050-25-0	50x25	1,5-2,5	14,5
P1987.050-30-0	50x30	1,5-2,0	13,5
P1987.050-35-0	50x35	1,0-3,5	14,5
P1987.050-40-0	50x40	1,5-2,5	12,5
P1987.055-34-0	55x34	1,5	14,0
P1987.055-40-0	55x40	1,5-4,0	14,5
P1987.060-15-0	60x15	1,0-2,0	14,5
P1987.060-20-0	60x20	1,0-3,0	14,5
P1987.060-25-0	60x25	1,0-2,5	14,0



Inserts

ribbed - rectangular

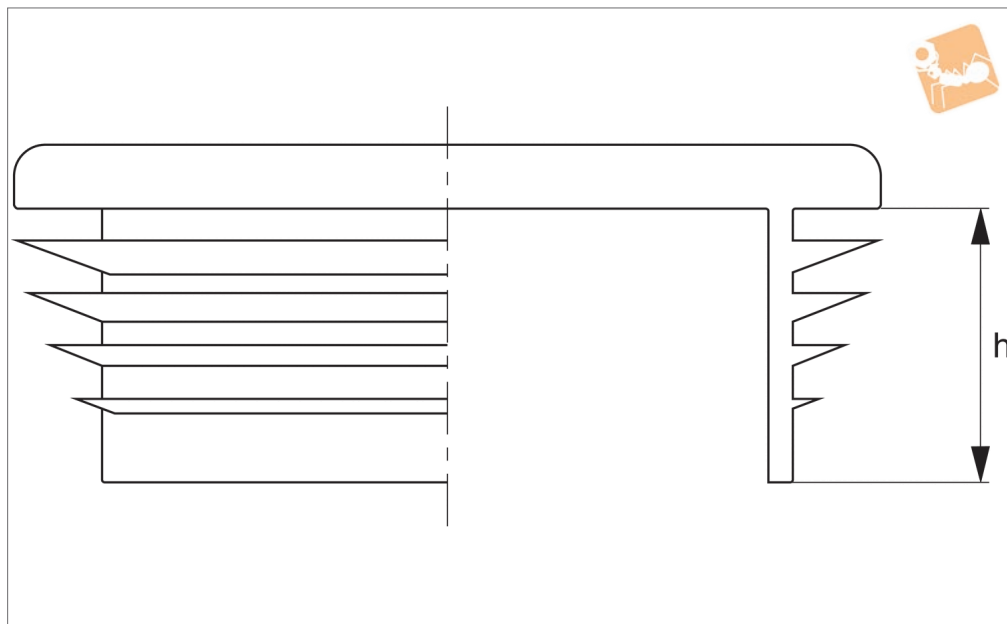


Other Mechanical Parts

Order No.	External cap dim.	Tube wall thickness	h
P1987.060-30-0	60x30	1,5-2,0	15,0
P1987.060-35-0	60x35	1,5-3,5	15,0
P1987.060-40-0	60x40	1,0-3,0	14,0
P1987.060-50-0	60x50	1,5-3,5	14,5
P1987.070-20-0	70x20	1,0-2,0	17,0
P1987.070-25-0	70x25	1,5-2,0	17,0
P1987.070-30-0	70x30	1,5-2,0	18,0
P1987.070-40-0	70x40	1,5-2,0	18,0
P1987.080-20-0	80x20	1,5-2,0	18,0
P1987.080-30-0	80x30	1,0-2,5	14,5
P1987.080-40-0	80x40	1,0-3,0	14,5
P1987.080-50-0	80x50	2,0-4,0	24,0
P1987.080-60-0	80x60	2,5-3,0	24,0
P1987.100-40-0	100x40	2,0-4,0	14,5
P1987.100-50-0	100x50	2,0-3,0	24,0
P1987.100-50-1	100x50	3,2-5,0	24,0
P1987.120-30-0	120x30	1,5-2,0	14,5
P1987.120-40-0	120x40	2,0	-
P1987.120-60-0	120x60	2,0-4,0	24,5
P1987.120-80-0	120x80	2,0-3,0	24,0
P1987.140-80-0	140x80	2,0-4,5	20,0
P1987.150-100-0	150x100	3,0-8,0	27,0



P1988



Material

Low density polyethylene, black.

Important Notes

Sold subject to minimum pack quantity.

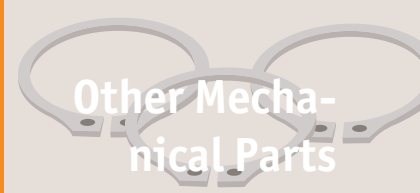
Technical Notes

Insert ribs provide secure fitting.

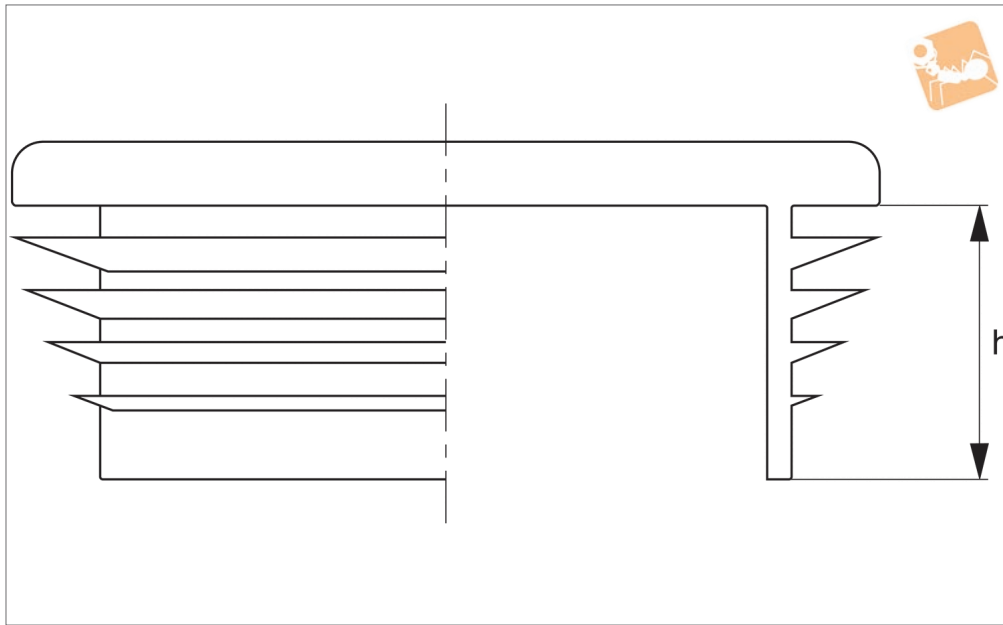
Order No.	External cap dim.	Tube wall thickness	h
P1988.010-10-0	10x10	1,5-2,0	12,0
P1988.012-12-0	12x12	1,5-2,0	12,0
P1988.013-13-0	13x13	1,5-2,0	12,0
P1988.015-15-0	15x15	1,5-2,0	14,0
P1988.016-16-0	16x16	1,5-2,0	11,5
P1988.018-18-0	18x18	1,5-2,0	11,5
P1988.020-20-0	20x20	1,0-3,0	11,0
P1988.022-22-0	22x22	1,0-3,0	12,0
P1988.025-25-0	25x25	1,0-3,0	11,5
P1988.028-28-0	28x28	1,5-3,0	11,5
P1988.030-30-0	30x30	1,0-2,5	11,5
P1988.030-30-1	30x30	2,5-4,5	11,5
P1988.035-35-0	35x35	1,0-3,0	14,5
P1988.035-35-1	35x35	2,5-5,0	12,0
P1988.040-40-0	40x40	1,0-3,0	14,0
P1988.040-40-1	40x40	2,5-4,0	18,0
P1988.040-40-2	40x40	5,0-5,5	14,0
P1988.045-45-0	45x45	1,0-3,0	14,5
P1988.050-50-1	50x50	2,6-4,0	25,0
P1988.050-50-2	50x50	3,5-6,0	14,5
P1988.060-60-0	60x60	1,5-3,5	24,0
P1988.060-60-1	60x60	3,0-5,0	17,5
P1988.070-70-0	70x70	2,0-4,0	19,0
P1988.080-80-1	80x80	3,0-5,0	24,0
P1988.100-100-0	100x100	1,0-4,0	24,0
P1988.100-100-1	100x100	5,0-8,0	24,0
P1988.120-120-0	120x120	2,5-5,0	25,0
P1988.150-150-0	150x150	5,0-8,0	-
P1988.150-150-1	150x150	10,0-12,5	27,0



Inserts ribbed - round



Other Mechanical Parts



P1989

OTHER MECHANICAL PARTS

Material

Low density polyethylene, black.

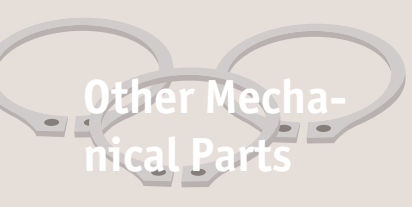
Important Notes

Sold subject to minimum pack quantity.

Technical Notes

insert ribs provide secure fitting.

Order No.	External cap dia.	Tube wall thickness	h
P1989.010	10	1,0-2,0	11,0
P1989.012	12	1,0-2,0	11,0
P1989.013	13	1,0-2,0	11,0
P1989.014	14	1,0-2,0	11,5
P1989.015	15	1,0-2,0	13,0
P1989.016	16	1,0-2,0	11,0
P1989.018	18	1,0-2,0	11,4
P1989.019	19	1,0-2,0	11,4
P1989.020	20	1,0-2,0	11,4
P1989.021	21	1,0-2,0	11,5
P1989.022	22	1,0-2,0	11,5
P1989.023	23	1,0-2,5	11,5
P1989.025	25	1,0-3,0	11,5
P1989.027	27	1,0-3,0	11,5
P1989.028	28	1,0-2,0	11,5
P1989.030	30	1,0-2,0	11,6
P1989.032	32	1,0-2,0	11,5
P1989.034	34	1,0-3,0	11,5
P1989.035	35	1,0-2,0	11,5
P1989.036	36	1,0-2,0	11,5
P1989.038	38	1,0-3,5	11,5
P1989.040	40	1,0-3,0	11,5
P1989.042	42	1,0-2,0	11,5
P1989.045	45	1,0-3,5	11,0
P1989.048	48	1,2-3,6	11,5
P1989.050	50	1,0-2,0	11,5
P1989.052	52	1,5-3,5	14,5
P1989.055	55	1,0-3,0	11,5
P1989.060	60	1,5-3,0	18,5
P1989.065	65	1,5-3,5	21,0
P1989.070	70	2,0-4,5	21,0
P1989.076	76	1,6-4,0	21,5
P1989.080	80	1,5-3,0	21,0
P1989.090	90	2,5-5,0	19,9

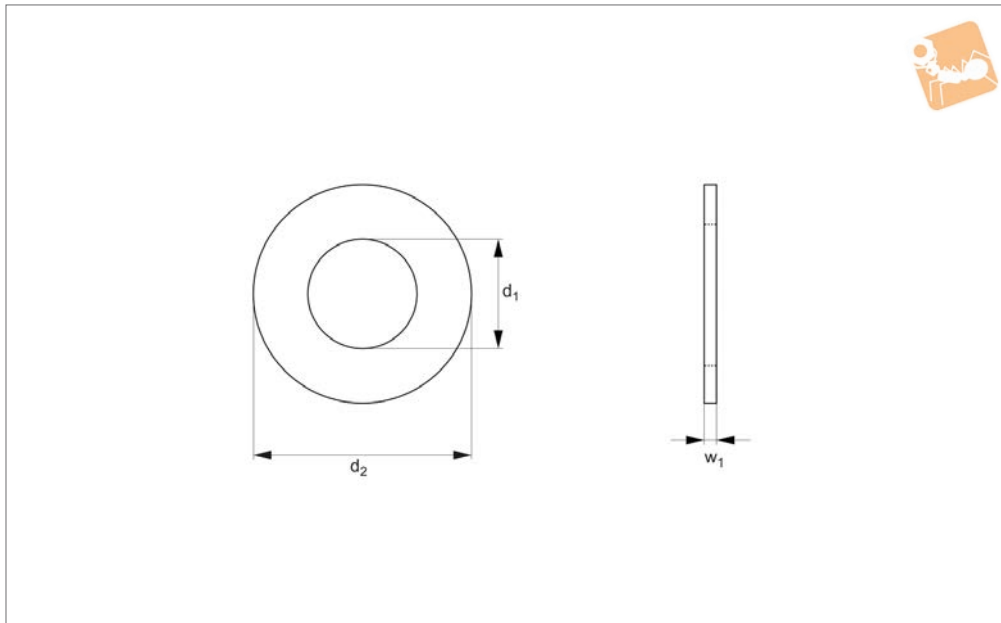


Inserts

ribbed - round



Order No.	External cap dia.	Tube wall thickness	h
P1989.095	95	1,5-4,0	21.0
P1989.102	102	2,0-4,0	20.2
P1989.100	100	2,0-4,5	28.5
P1989.105	105	2,0-4,5	29.0
P1989.110	110	2,0-4,5	28.5
P1989.120	120	2,0-4,0	28.5



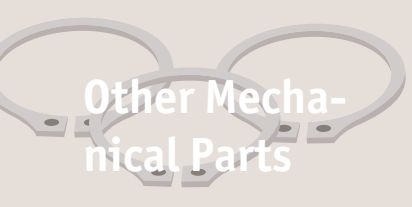
P1260

OTHER MECHANICAL PARTS

Material (oil impregnated).

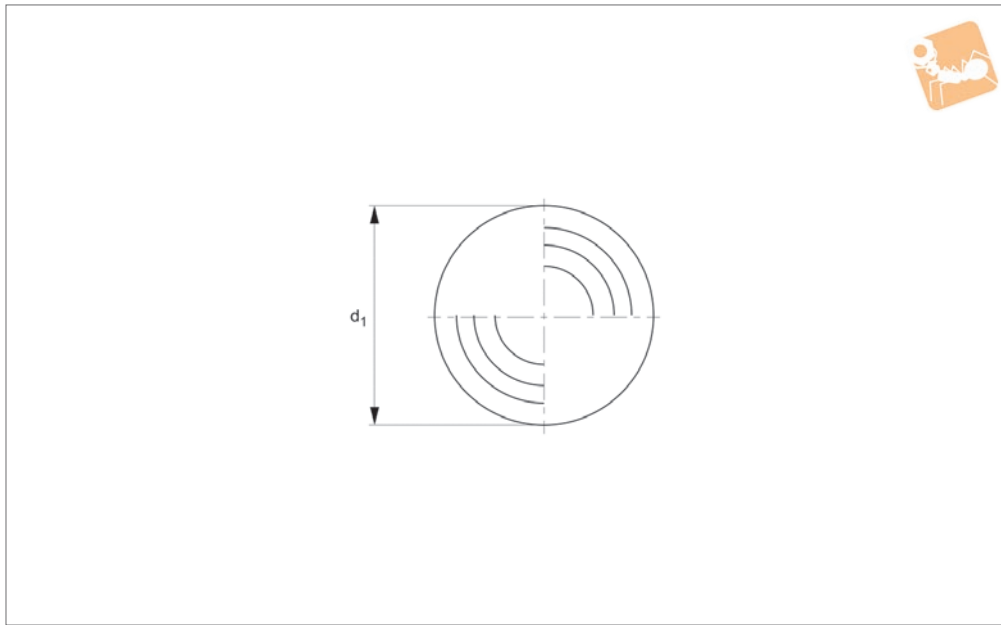
Carbon steel, stainless steel (AISI 410, DIN 1.4006), nylon, teflon or bronze

Order No.	d_1 +0.03 -0.00	d_2 +0.00 -0.31	w_1 ± 0.05	Shaft size	Material
P1260.08	8.00	16.00	1.30	8	Steel
P1260.10	10.00	21.00	1.60	10	Steel
P1260.12	12.00	24.00	1.60	12	Steel
P1260.16	16.00	28.00	2.40	16	Steel
P1260.19	19.00	32.00	2.40	19	Steel
P1260.25	25.00	41.00	3.18	25	Steel
P1260.07-SS	7.00	17.00	1.30	7	Stainless
P1260.08-SS	8.00	16.00	1.30	8	Stainless
P1260.10-SS	10.00	21.00	1.60	10	Stainless
P1260.12-SS	12.00	24.00	1.60	12	Stainless
P1260.05	5.00	12.00	1.30	5	Steel
P1260.06	6.00	14.00	1.30	6	Steel
P1260.07	7.00	17.00	1.30	7	Steel
P1260.06-SS	6.00	14.00	1.30	6	Stainless
P1260.05-SS	5.00	12.00	1.30	5	Stainless
P1260.16-SS	16.00	28.00	2.40	16	Stainless
P1260.19-SS	19.00	32.00	2.40	19	Stainless
P1260.25-SS	25.00	41.00	3.18	25	Stainless
P1260.03-NY	3.00	9.00	2.50	3	Nylon
P1261.04-NY	4.00	12.00	2.50	4	Nylon
P1261.05-NY	5.00	13.00	2.50	5	Nylon
P1261.06-NY	6.00	15.00	2.50	6	Nylon
P1261.08-NY	8.00	19.00	2.50	8	Nylon
P1261.10-NY	10.00	24.00	2.50	10	Nylon
P1261.12-NY	12.00	30.00	2.50	12	Nylon
P1261.20-NY	20.00	40.00	2.50	20	Nylon
P1261.25-NY	25.00	40.00	2.50	25	Nylon
P1261.05-TF	5.00	9.00	2.50	3	Teflon
P1261.06-TF	6.00	12.00	2.50	4	Teflon
P1261.07-TF	7.00	13.00	2.50	5	Teflon
P1261.08-TF	8.00	15.00	2.50	6	Teflon
P1261.10-TF	10.00	19.00	2.50	8	Teflon
P1261.12-TF	12.00	24.00	2.50	10	Teflon
P1261.16-TF	16.00	30.00	2.50	12	Teflon



Order No.	d_1 +0.03 -0.00	d_2 +0.00 -0.31	w_1 ±0.05	Shaft size	Material
P1261.19-TF	19.00	40.00	2.50	20	Teflon
P1261.25-TF	25.00	40.00	2.50	25	Teflon
P1262.03-BR	3.1	8.9	1.5	3	Bronze
P1262.04-BR	4.1	11.9	1.5	4	Bronze
P1262.06-BR	6.1	14.9	1.5	6	Bronze
P1262.08-BR	8.1	18.9	2.2	8	Bronze
P1262.10-BR	10.1	23.9	3.0	10	Bronze
P1262.11-BR	11.1	28.9	4.7	11	Bronze

OTHER MECHANICAL PARTS



P1350

OTHER MECHANICAL PARTS

Material

Stainless steel (AISI 440B, DIN 1.4112),
hardness C55-60.
Chrome steel (DIN 1.3505, AISI 52100,

100Cr6), hardness C32-60.

Diameter tolerance Grade 10, $\pm 6\mu$.
Diameter tolerance Grade 25, $\pm 12\mu$.

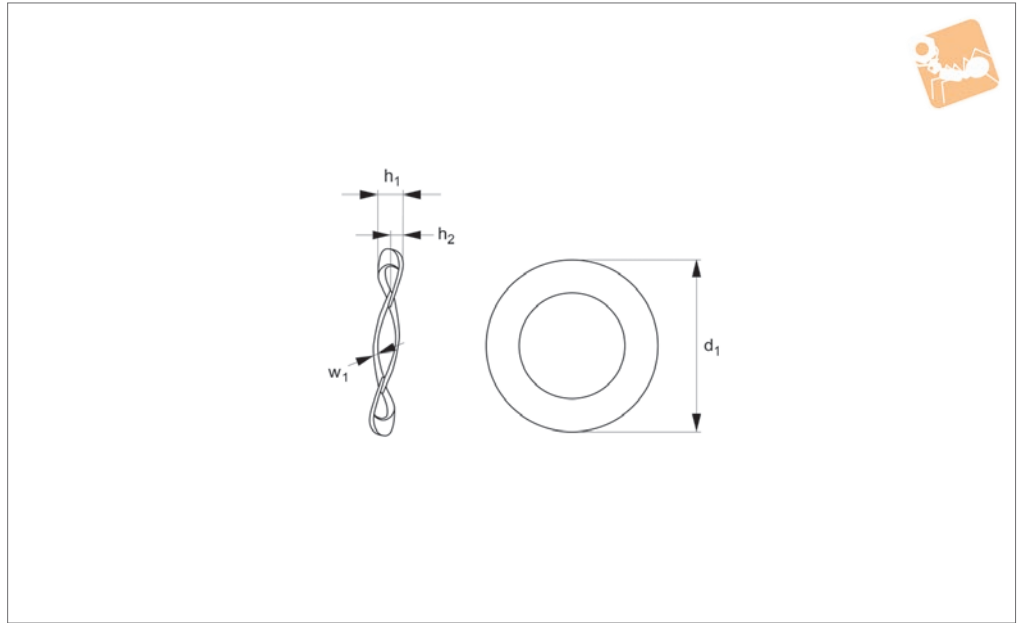
Technical Notes

Other tolerances and material on request.

Order No.	Material	d_1
P1350.002-SS	Stainless Steel	$2 \pm 0,012$
P1350.003-SS	Stainless Steel	$3 \pm 0,012$
P1350.004-SS	Stainless Steel	$4 \pm 0,012$
P1350.005-SS	Stainless Steel	$5 \pm 0,012$
P1350.006-SS	Stainless Steel	$6 \pm 0,012$
P1350.007-SS	Stainless Steel	$7 \pm 0,012$
P1350.008-SS	Stainless Steel	$8 \pm 0,012$
P1350.009-SS	Stainless Steel	$9 \pm 0,012$
P1350.010-SS	Stainless Steel	$10 \pm 0,012$
P1350.011-SS	Stainless Steel	$11 \pm 0,012$
P1350.002-CS	Chrome Steel	$2 \pm 0,006$
P1350.003-CS	Chrome Steel	$3 \pm 0,006$
P1350.004-CS	Chrome Steel	$4 \pm 0,006$
P1350.005-CS	Chrome Steel	$5 \pm 0,006$
P1350.006-CS	Chrome Steel	$6 \pm 0,006$
P1350.007-CS	Chrome Steel	$7 \pm 0,006$
P1350.008-CS	Chrome Steel	$8 \pm 0,006$
P1350.009-CS	Chrome Steel	$9 \pm 0,006$
P1350.010-CS	Chrome Steel	$10 \pm 0,006$
P1350.011-CS	Chrome Steel	$11 \pm 0,006$



P1300



Material

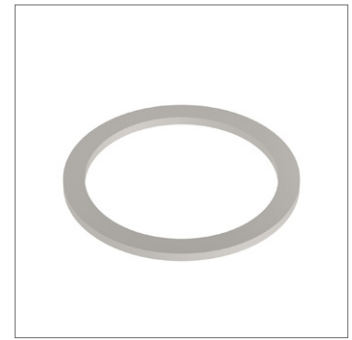
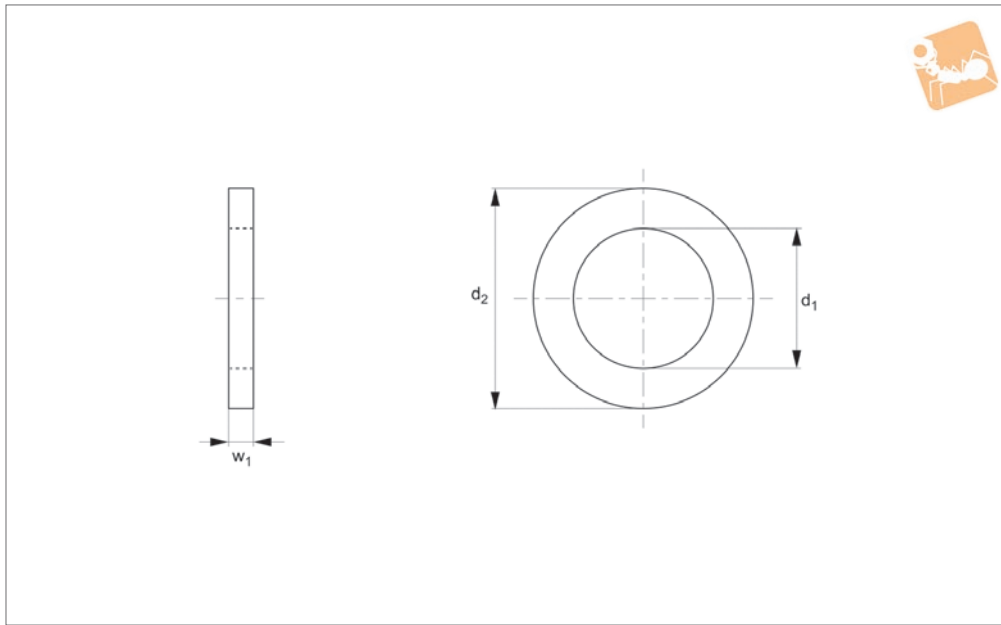
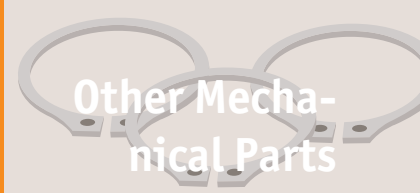
Stainless steel (DIN 1,43).

Order No.	Bearing O.D. (ref)	a	b	c	Force to deflect to B	Radial wall
P1300.016	16	2.3	1.6	0.25	45N	1.98
P1300.019	19	3.0	1.6	0.25	50N	1.98
P1300.022	22	2.8	1.6	0.30	60N	2.39
P1300.024	24	3.6	1.6	0.30	70N	2.39



Inner Race Shaft Spacers

stainless



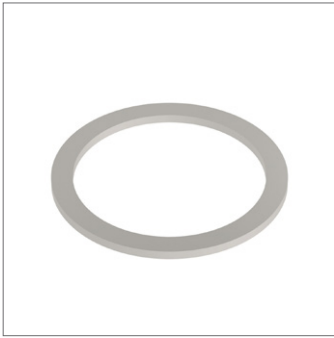
P1320

OTHER MECHANICAL PARTS

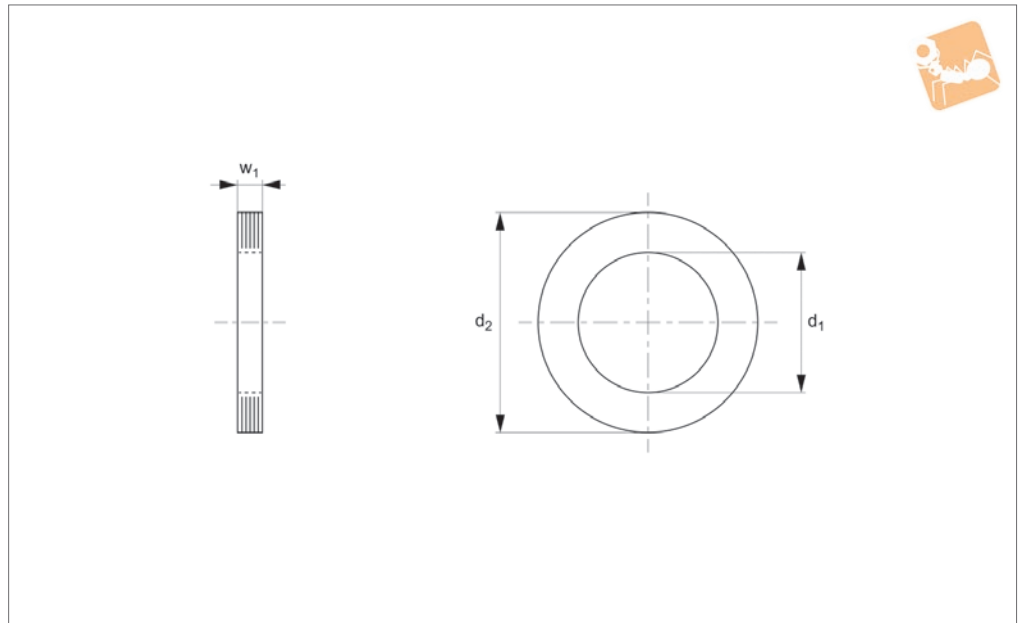
Material

Stainless steel (DIN 1.4310).

Order No.	Shaft or bearing i/d	d_1 +0.13 -0.00	d_2 ±0.13	w_1 ±0.025
P1320.030-010	3.0	3.05	3.73	0.10
P1320.030-015	3.0	3.05	3.73	0.15
P1320.040-010	4.0	4.05	5.30	0.10
P1320.040-015	4.0	4.05	5.30	0.15
P1320.040-025	4.0	4.05	5.30	0.25
P1320.040-040	4.0	4.05	5.30	0.40
P1320.050-010	5.0	5.05	5.93	0.10
P1320.050-015	5.0	5.05	5.93	0.15
P1320.050-025	5.0	5.05	5.93	0.25
P1320.050-040	5.0	5.05	5.93	0.40
P1320.060-010	6.0	6.05	7.90	0.10
P1320.060-015	6.0	6.05	7.90	0.15
P1320.060-025	6.0	6.05	7.90	0.25
P1320.060-040	6.0	6.05	7.90	0.40
P1320.080-010	8.0	8.05	10.20	0.10
P1320.080-015	8.0	8.05	10.20	0.15
P1320.080-025	8.0	8.05	10.20	0.25
P1320.080-040	8.0	8.05	10.20	0.40
P1320.100-010	10.0	10.05	12.30	0.10
P1320.100-015	10.0	10.05	12.30	0.15
P1320.100-025	10.0	10.05	12.30	0.25



P1322



Material

Stainless steel (DIN 1.4300).

Order No.	d_1 +0.00 -0.13	d_2 +0.13 -0.00	w_1 ± 0.025
P1322.070-15	7.0	6.25	0.15
P1322.070-25	7.0	6.25	0.25
P1322.080-15	8.0	6.75	0.15
P1322.080-25	8.0	6.75	0.25
P1322.090-15	9.0	7.85	0.15
P1322.090-25	9.0	7.85	0.25
P1322.090-40	9.0	7.85	0.40
P1322.100-15	10.0	8.25	0.15
P1322.100-25	10.0	8.25	0.25
P1322.110-15	11.0	10.00	0.15
P1322.110-25	11.0	10.00	0.25
P1322.130-15	13.0	11.15	0.15
P1322.130-25	13.0	11.15	0.25
P1322.130-40	13.0	11.15	0.40
P1322.150-15	15.0	13.00	0.15
P1322.150-25	15.0	13.00	0.25
P1322.160-15	16.0	13.85	0.15
P1322.160-25	16.0	13.85	0.25
P1322.160-40	16.0	13.85	0.40
P1322.190-15	19.0	16.65	0.15
P1322.190-25	19.0	16.65	0.25
P1322.190-40	19.0	16.65	0.40