



P0083

Material

Carbon steel (AISI 1215), phosphate finish or stainless steel (A2, AISI 303 series, passivated).

Easy to install with standard drills and taps.
Solid one piece construction, with positive mechanical lock against rotation.

Used to easily repair stripped, damaged or worn threads, sizes below M8 have two locking keys (not four).

Technical notes

Tips

Also used in light weight material (eg aluminium) to provide a strong threaded area for screws and bolts.

Order No.	Material	$d_{1,6H}$ x pitch	Thread Type d_1	$d_{2,6g}$ x pitch	Thread Type d_2	$l \pm 0.25$	Drill \emptyset	Countersink \emptyset +0.25,-0.0	Tap depth min.
P0083.040-070-CS	Steel	M 4 x 0,7	Coarse	M 8 x 1,25	Coarse	8,0	6,9	8,25	9,5
P0083.050-080-CS	Steel	M 5 x 0,8	Coarse	M10 x 1,25	Fine	10,0	8,8	10,25	12,5
P0083.060-100-CS	Steel	M 6 x 1,0	Coarse	M12 x 1,25	Fine	12,0	10,8	12,25	14,5
P0083.080-125-CS	Steel	M 8 x 1,25	Coarse	M14 x 1,5	Fine	14,0	12,8	14,25	16,5
P0083.080-100-CS	Steel	M 8 x 1,0	Fine	M14 x 1,5	Fine	14,0	12,8	14,25	16,5
P0083.100-150-CS	Steel	M10 x 1,5	Coarse	M16 x 1,5	Fine	16,0	14,75	16,25	18,5
P0083.100-125-CS	Steel	M10 x 1,25	Fine	M16 x 1,5	Fine	16,0	14,75	16,25	18,5
P0083.120-175-CS	Steel	M12 x 1,75	Coarse	M18 x 1,5	Fine	18,0	16,75	18,25	20,5
P0083.120-125-CS	Steel	M12 x 1,25	Fine	M18 x 1,5	Fine	18,0	16,75	18,25	20,5
P0083.140-200-CS	Steel	M14 x 2,0	Coarse	M20 x 1,5	Fine	20,0	18,75	20,25	22,5
P0083.140-150-CS	Steel	M14 x 1,5	Fine	M20 x 1,5	Fine	20,0	18,75	20,25	22,5
P0083.160-200-CS	Steel	M16 x 2,0	Coarse	M22 x 1,5	Fine	22,0	20,5	22,25	24,5
P0083.160-150-CS	Steel	M16 x 1,5	Fine	M22 x 1,5	Fine	22,0	20,5	24,25	24,5
P0083.180-150-CS	Steel	M18 x 1,5	Fine	M24 x 2,0	Fine	24,0	22,5	24,25	26,5
P0083.200-250-CS	Steel	M20 x 2,5	Coarse	M30 x 2,0	Fine	30,0	28,0	30,25	34,5
P0083.200-150-CS	Steel	M20 x 1,5	Fine	M30 x 2,0	Fine	30,0	28,0	32,25	34,5
P0083.220-150-CS	Steel	M22 x 1,5	Fine	M32 x 2,0	Fine	32,0	30,0	32,25	36,5
P0083.240-300-CS	Steel	M24 x 3,0	Coarse	M33 x 2,0	Fine	33,0	31,0	33,25	37,5
P0083.240-200-CS	Steel	M24 x 2,0	Fine	M33 x 2,0	Fine	33,0	31,0	33,25	37,5
P0083.040-070-A2	Stainless	M 4 x 0,7	Coarse	M 8 x 1,25	Coarse	8,0	6,9	8,25	9,5
P0083.050-080-A2	Stainless	M 5 x 0,8	Coarse	M10 x 1,25	Fine	10,0	8,8	10,25	12,5
P0083.060-100-A2	Stainless	M 6 x 1,0	Coarse	M12 x 1,25	Fine	12,0	10,8	12,25	14,5
P0083.080-125-A2	Stainless	M 8 x 1,25	Coarse	M14 x 1,5	Fine	14,0	12,8	14,25	16,5
P0083.080-100-A2	Stainless	M 8 x 1,0	Fine	M14 x 1,5	Fine	14,0	12,8	14,25	16,5
P0083.100-150-A2	Stainless	M10 x 1,5	Coarse	M16 x 1,5	Fine	16,0	14,75	16,25	18,5
P0083.100-125-A2	Stainless	M10 x 1,25	Fine	M16 x 1,5	Fine	16,0	14,75	16,25	18,5
P0083.120-175-A2	Stainless	M12 x 1,75	Coarse	M18 x 1,5	Fine	18,0	16,75	18,25	20,5

Order No.	Material	$d_{1\ 6H}$ x pitch	Thread Type d_1	$d_{2\ 6g}$ x pitch	Thread Type d_2	$l \pm 0.25$	Drill \emptyset	Countersink \emptyset +0.25,-0.0	Tap depth min.
P0083.120-125-A2	Stainless	M12 x 1,25	Fine	M18 x 1,5	Fine	18,0	16,75	18,25	20,5
P0083.140-200-A2	Stainless	M14 x 2,0	Coarse	M20 x 1,5	Fine	20,0	18,75	20,25	22,5
P0083.140-150-A2	Stainless	M14 x 1,5	Fine	M20 x 1,5	Fine	20,0	18,75	20,25	22,5
P0083.160-200-A2	Stainless	M16 x 2,0	Coarse	M22 x 1,5	Fine	22,0	20,5	22,25	24,5
P0083.160-150-A2	Stainless	M16 x 1,5	Fine	M22 x 1,5	Fine	22,0	20,5	24,25	24,5
P0083.180-150-A2	Stainless	M18 x 1,5	Fine	M24 x 1,5	Fine	24,0	22,5	24,25	26,5
P0083.200-250-A2	Stainless	M20 x 2,5	Coarse	M30 x 2,0	Fine	30,0	28,0	30,25	34,5
P0083.200-150-A2	Stainless	M20 x 1,5	Fine	M30 x 2,0	Fine	30,0	28,0	32,25	34,5
P0083.220-150-A2	Stainless	M22 x 1,5	Fine	M32 x 2,0	Fine	32,0	30,0	32,25	36,5
P0083.240-300-A2	Stainless	M24 x 3,0	Coarse	M33 x 2,0	Fine	33,0	31,0	33,25	37,5
P0083.240-200-A2	Stainless	M24 x 2,0	Fine	M33 x 2,0	Fine	33,0	31,0	33,25	37,5