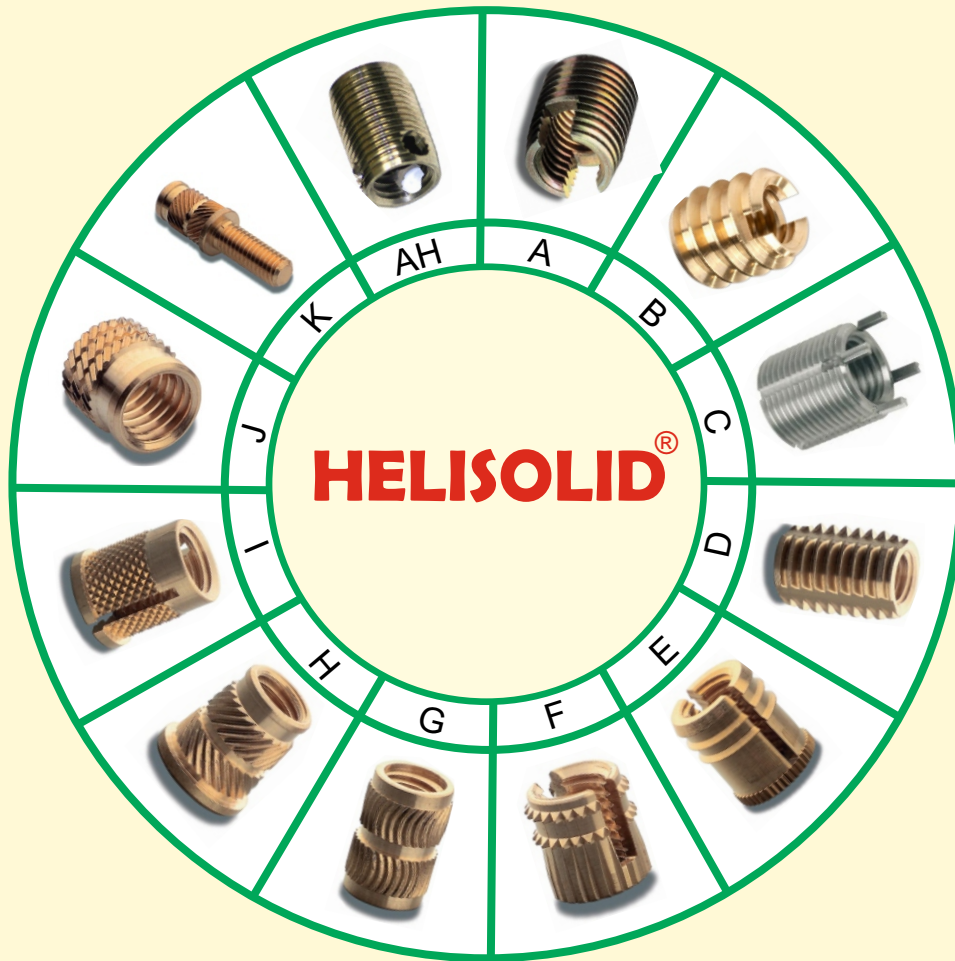




HELISOLID[®] Threaded Inserts



PERMANENT THREAD FOR BASE MATERIALS

- MILD STEEL
- ALUMINIUM
- CAST IRON
- PLASTIC
- BRASS
- WOOD
- LIGHT ALLOY

Available in Materials

- STEEL HARDENED
- STAINLESS STEEL
- BRASS

NAVBHARAT ENGINEERS

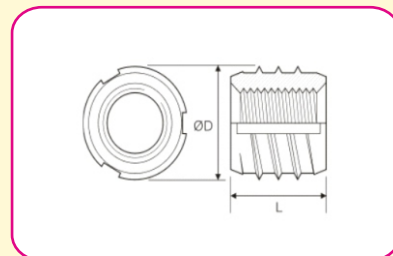
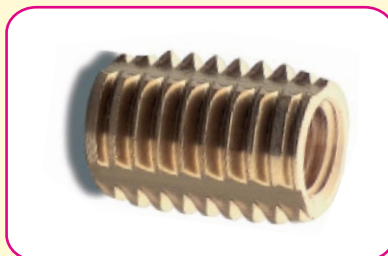
C-23, Bldg No 3, Shivnath Piramal Nagar, S. V. Road Goregaon (W)
Mumbai 400104, INDIA | Tel: +919820364580 / +91 9082972702 / +91 9833069101
E-mail : sales@ne-india.com / navengg@outlook.in / Net : www.navbharatengineers.com



HELISOLID[®] Threaded Inserts

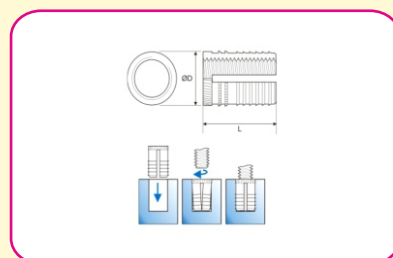
Plastic Threaded Inserts

Type D - Helisolid Tri-Serts:



Insert Thread	External Thread (D)	Length (mm) (L)	Drill Size (mm)	Ordering No		
				Stainless Steel	Carbon Steel	Brass
M3x0.5P	M5x0.8P	6	4.2 to 4.4	D030S	D030M	D030B
M4x0.7P	M7x1P	8	6.2 to 6.4	D040S	D040M	D040B
M5x0.8P	M8x1P	10	7.2 to 7.4	D050S	D050M	D050B
M6x1P	M10x1.5P	14	9.2 to 9.4	D060S	D060M	D060B
M8x1.25P	M12x1.5P	15	11.2 to 11.4	D080S	D080M	D080B
M10x1.5P	M14x1.5P	18	13.2 to 13.4	D100S	D100M	D100B
M12x1.75P	M16x1.5P	22	15.2 to 15.4	D120S	D120M	D120B

Type E - Helisolid Expansion Inserts:



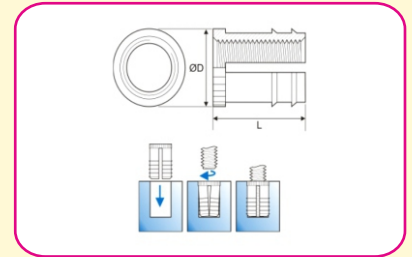
Insert Thread	External Dia. (D)	Length (mm) (L)	Drill Size (mm)	Ordering No
				Brass
M3	4.5	5	4	E030B
M4	6.2	6	5.6	E040B
M5	6.9	8	6.4	E050B
M6	8.5	8	8	E060B
M8	10.1	10	9.6	E080B



HELISOLID[®] Threaded Inserts

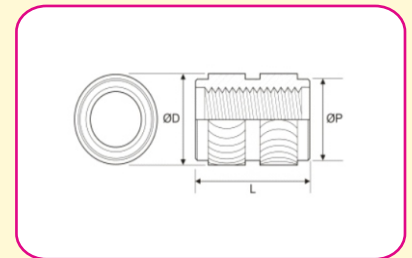
Plastic Threaded Inserts

Type F - Helisolid Expansion Inserts:



Insert Thread	External Dia. (D)	Length (mm) (L)	Vane Count	Drill Size (mm)	Ordering No
					Brass
M3	5.35	5	1	4.5 to 4.7	F030B
M4	6.65	6	2	5.8 to 6.0	F040B
M5	7.35	8	2	6.5 to 6.7	F050B
M6	9.05	8	2	8.2 to 8.4	F060B
M8	12.45	10	3	11.8 to 12.0	F080B

Type G - Helisolid Ultra Inserts:



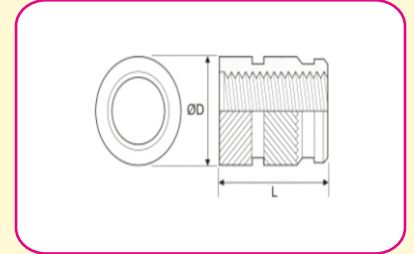
Insert Thread	External Dia. (D)	Length (mm) (L)	P (mm)	Drill Size (mm)	Ordering No
					Brass
M3	5.5	5	4	4	G030B
M4	7.1	6	5.5	5.6	G040B
M5	7.9	8	6.3	6.4	G050B
M6	9.5	8	7.9	8	G060B
M8	11.1	10	9.5	9.6	G080B



HELISOLID[®] Threaded Inserts

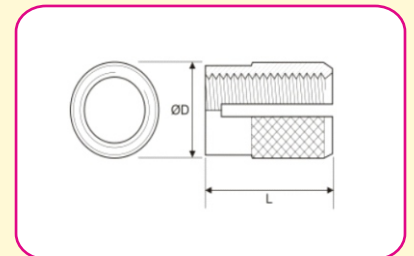
Plastic Threaded Inserts

**Type H - Helisolid Ultra
Tapered Inserts:**



Insert Thread	External Dia. (D)	Length (mm) (L)	Drill Size (mm)	Ordering No
				Brass
M3	4.6	5	4	H030B
M4	6.3	6	5.6	H040B
M5	7	8	6.4	H050B
M6	8.6	8	8	H060B
M8	10.2	10	9.6	H080B

**Type I - Helisolid Knurled
Expansion Inserts:**



Insert Thread	External Dia. (D)	Length (mm) (L)	Drill Size (mm)	Ordering No
				Brass
M3	5.5	5	4	I030B
M4	7.1	6	5.5	I040B
M5	7.9	8	6.3	I050B
M6	9.5	8	8	I060B
M8	11.1	10	9.6	I080B

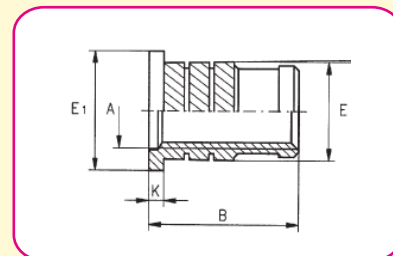


HELISOLID[®] Threaded Inserts

Plastic Threaded Inserts

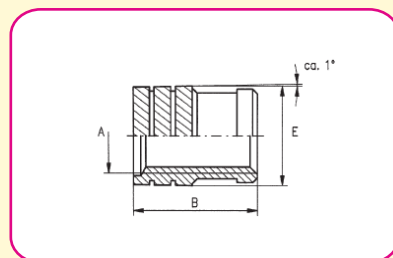
Type J - Helisolid Press-in Inserts:

With Collar



Insert Thread (A)	External Dia (E)	Length (mm) (B)	Collar Dia (E1)	Collar Width (K)	Ordering No Brass
M2x0.4P	3.4	4.6	4.8	0.6	JC020B
M3x0.5P	4.2	5.9	5.6	0.6	JC030B
M4x0.7P	5.8	8.2	7.2	0.8	JC040B
M5x0.8P	6.6	9.3	8	1	JC050B
M6x1P	8.2	10.5	9.5	1.3	JC060B
M8x1.25P	9.7	10.5	11	1.3	JC080B
M10x1.5P	12	10.8	14	1.6	JC100B

Without Collar



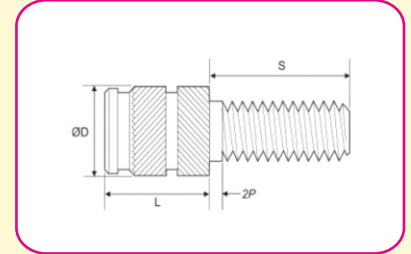
Insert Thread (A)	External Dia (E)	Length (mm) (B)	Ordering No Brass
M2x0.4P	3.4	4.0	J020B
M3x0.5P	4.2	5.3	J030B
M4x0.7P	5.8	7.4	J040B
M5x0.8P	6.6	8.3	J050B
M6x1P	8.2	9.2	J060B
M8x1.25P	9.7	9.2	J080B
M10x1.5P	12	9.2	J100B



HELISOLID[®] Threaded Inserts

Plastic Threaded Inserts

Type K - Helisolid Studded
Ultra Inserts:



Bolt Thread (S)	External Dia (D)	Length (mm) (L)	Thread Length (S)	Ordering No Brass
M3	5.6	5	4.6	K030P
M4	7.2	6	6.3	K040P
M5	8.0	8	7.0	K050P
M6	9.5	8	8.6	K060P
M8	11	10	10.2	K080P

