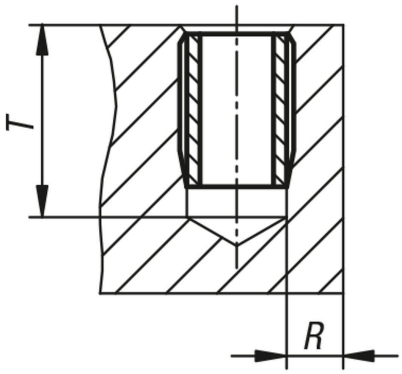
Threaded inserts self-tapping with cutting bores

Item description/product images



Description

Material:
Steel or 1.4305 stainless steel.

Version:
Steel case hardened, electro zinc-plated.
Stainless steel bright.

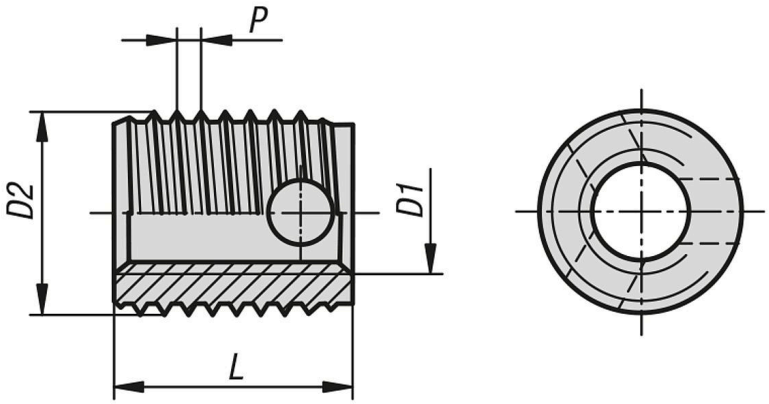
Note:
Self-tapping threaded inserts for making high-strength, wear-free, vibration resistant screw connections in materials with low shear strength such as aluminium and aluminium alloys, brass, bronze, cast iron, duro and thermoplastics.

The threaded inserts are tapered at the bottom and have three cutting bores. They cut their own threads inside a receiver hole. This guarantees a completely secure and firm anchoring in the host material.

Internal thread D1 acc. to ISO 6H.

The threaded inserts with cutting bores are designed especially for materials difficult to machine. Due to the thicker wall, it can withstand greater force during cutting, which is also distributed over three cutting bores.

Drawings



Overview of items

Threaded inserts self-tapping with cutting bores

Order No.	Main material	D1 internal thread	D2	L length	P	T min.	R min. light metal	R min. cast iron	R min. plastics	Order No. Hand ass. tool	Order No. M/C ass. tool
B0140.03	steel	M3	5	4	0,6	6	1	1,5	1,25	B0142.803	B0142.903
B0140.04	steel	M4	6,5	6	0,8	8	1,3	1,95	1,6	B0142.804	B0142.904
B0140.041	steel	M4	6,5	8	0,8	10	1,3	1,95	1,63	B0142.804	B0142.904
B0140.05	steel	M5	8	7	1	9	1,6	2,4	2	B0142.805	B0142.905
B0140.051	steel	M5	8	10	1	13	1,6	2,4	2	B0142.805	B0142.905
B0140.06	steel	M6	10	8	1,25	10	2	3	2,5	B0142.806	B0142.906
B0140.061	steel	M6	10	12	1,25	15	2	3	2,5	B0142.806	B0142.906
B0140.08	steel	M8	12	9	1,5	11	2,4	3,6	3	B0142.808	B0142.908

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Order No.	Main material	D1 internal thread	D2	L length	P	T min.	R min. light metal	R min. cast iron	R min. plastics	Order No. Hand ass. tool	Order No. M/C ass. tool
B0140.081	steel	M8	12	14	1,5	17	2,4	3,6	3	B0142.808	B0142.908
B0140.10	steel	M10	14	10	1,5	13	2,8	4,2	3,5	B0142.810	B0142.910
B0140.12	steel	M12	16	12	1,75	15	3,2	4,8	4	B0142.812	B0142.912
B0140.103	stainless steel	M3	5	4	0,6	6	1	1,5	1,25	B0142.803	B0142.903
B0140.1031	stainless steel	M3	5	6	0,6	8	1	1,5	1,25	B0142.803	B0142.903
B0140.104	stainless steel	M4	6,5	6	0,8	8	1,3	1,95	1,6	B0142.804	B0142.904
B0140.1041	stainless steel	M4	6,5	8	0,8	10	1,3	1,95	1,63	B0142.804	B0142.904
B0140.105	stainless steel	M5	8	7	1	9	1,6	2,4	2	B0142.805	B0142.905
B0140.1051	stainless steel	M5	8	10	1	13	1,6	2,4	2	B0142.805	B0142.905
B0140.106	stainless steel	M6	10	8	1,25	10	2	3	2,5	B0142.806	B0142.906
B0140.1061	stainless steel	M6	10	12	1,25	15	2	3	2,5	B0142.806	B0142.906
B0140.108	stainless steel	M8	12	9	1,5	11	2,4	3,6	3	B0142.808	B0142.908
B0140.1081	stainless steel	M8	12	14	1,5	17	2,4	3,6	3	B0142.808	B0142.908
B0140.110	stainless steel	M10	14	10	1,5	13	2,8	4,2	3,5	B0142.810	B0142.910
B0140.1101	stainless steel	M10	14	18	1,5	22	2,8	4,2	3,5	B0142.810	B0142.910
B0140.112	stainless steel	M12	16	12	1,75	15	3,2	4,8	4	B0142.812	B0142.912

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