

Hollow ceiling anchor (Hollow core anchor)

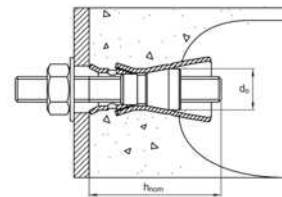
Hollow ceiling anchor (Hollow core anchor) from TPMC is an internally threaded mechanical anchor designed for hollow ceilings, hollow core slabs, and also solid building materials. It consists of a cylindrical expansion sleeve and a conical expander plug. When a bolt is threaded in and torque applied, the plug is drawn into the expansion sleeve, causing it to expand securely against the drill hole walls for reliable holding power.

This light-duty anchor is ideal for overhead services, including the suspension of pipe supports, cable trays, lighting fixtures, etc.



CE

- Certificate: CE
- Standard: NFPA 13, UL 203, GB/T 22795
- Material: CS per ASTM A108 / ISO 898-1
SS per 304 / 316
- Thread: Imperial, UNC, Class 2B per ASME B1.1
Metric, coarse thread, 6H per ISO 965-1
- Includes: Complete set, shell + expander plug
- Surface: CS, electro-galvanized / hot-dip galvanized
SS, as processed / passivated



Available sizes (Imperial)

Internal thread size	Length	Min embedment (h _{ef} , inch)	Drill hole (d _o , inch)	Allowable load in hollow slabs (lbs)	Ref. No.
1/4"	7/8"	3/4"	3/8"	285	P8801 (ISO)
5/16"	1-5/16"	1"	5/8"	420	P8802 (ISO)
3/8"	1-5/16"	1"	5/8"	520	P8803 (ISO)
1/2"	1-3/4"	1-1/2"	3/4"	1005	P8804 (ISO)

Note: Allowable loads are based on carbon steel material in pre-stressed hollow core slabs with minimum concrete strength of 4000 psi. Actual load capacity depends on slab thickness, concrete strength, edge distance, spacing, and installation quality.

Available sizes (Metric)

Internal thread size	Length	Min embedment (h _{nom} , mm)	Drill hole (d _o , mm)	Rec. load in hollow slabs (kN)	Ref. No.
M6	38	38	10	1.4	P8821 (CE)
M8	44	44	12	2.4	P8822 (CE)
M10	53	53	16	3.2	P8823 (CE)
M12	55	55	18	4.0	P8824 (ISO)

Note: Recommended loads are based on carbon steel material in pre-stressed hollow core slabs. Actual load capacity depends on slab thickness, concrete strength, edge distance, spacing, and installation quality.