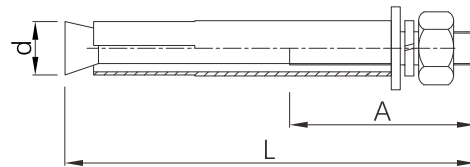


Reinforced sleeve expansion anchor

Reinforced sleeve expansion anchor from TPMC is a mechanical anchor designed for medium to heavy-duty fastening in concrete and masonry. It features a threaded stud encased in a full-length reinforced sleeve and an expansion cone. Tightening the nut drives the cone, causing the sleeve to expand and lock securely against the hole wall, creating reliable holding power. It is engineered for structural attachment in environments without severe seismic demand.



- Certificate: ISO
- Standard: GB/T 22795, JG/T 160
- Material: CS per ISO 898-1, SS per 304 / 316
- Thread: Metric, coarse thread, 6g per ISO 965-1
- Includes: Complete set, threaded stud with cone, reinforced expansion sleeve, hex nut, flat washer, and spring lock washer
- Surface: CS, electro-galvanized / hot-dip galvanized
SS, as processed / passivated



Available sizes (Metric)

Nominal anchor diameter	Length (L, mm)	Thread length (A, mm)	Cone diameter (d, mm)	Min tension in concrete (kN)	Ref. No.
M6	40 ~ 150	35	10	4.0	P8421 (ISO)
M8	50 ~ 200	40	12	9.0	P8422 (ISO)
M10	60 ~ 300	45	14	15.0	P8423 (ISO)
M12	75 ~ 300	50	16	20.0	P8424 (ISO)
M16	100 ~ 300	55	20	32.0	P8425 (ISO)
M20	120 ~ 300	55	25	43.0	P8426 (ISO)
M24	150 ~ 300	55	28	50.0	P8427 (ISO)

Note: The tension is based on carbon steel material in uncracked concrete.