

The versions – thread inserts for thermal installation, tapping and cold insertion
HITSERT® 3

Installation method thermal installation

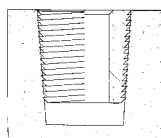


The advantages

- Well-proven 8° taper angle
- Self-centring
- Large contact surface for plastic prior to installation
- Flexible installation due to thermal installation, tapping or cold insertion
- Short installation times
- Milled external contour (low tolerances)
- Efficient seal inserts

Installation method self-tapping insertion

Principle



HITSERT® 3 is a tapered universal insert for thermoplastics (thermal installation, tapping and cold insertion).

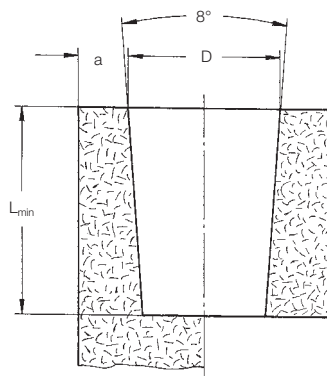
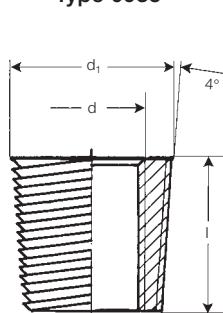
Owing to its patented external contour (characterised by a fine, self-tapping thread with asymmetric flank profile) **HITSERT® 3** is the first thread insert to be employed for the complete range of well established installation methods.

Our Application Engineering Department helps you to find the perfect installation method for your application (in terms of installation effort and fitting values). You set the priorities.

Installation method expansion anchoring

Technical data

Type 0935



Size	Order No	d ₁ [±]	l	D ^{+0.1*}	L _{min.}	a _{min.}
M 3	0935 1030 005	4.7	5	4.4	6.0	1.8
M 4	0935 1040 075	6.1	7.5	5.8	8.5	2.0
M 5	0935 1050 009	7.3	9	6.9	10.0	2.0
M 6	0935 1060 010	8.9	10	8.5	11.0	2.5

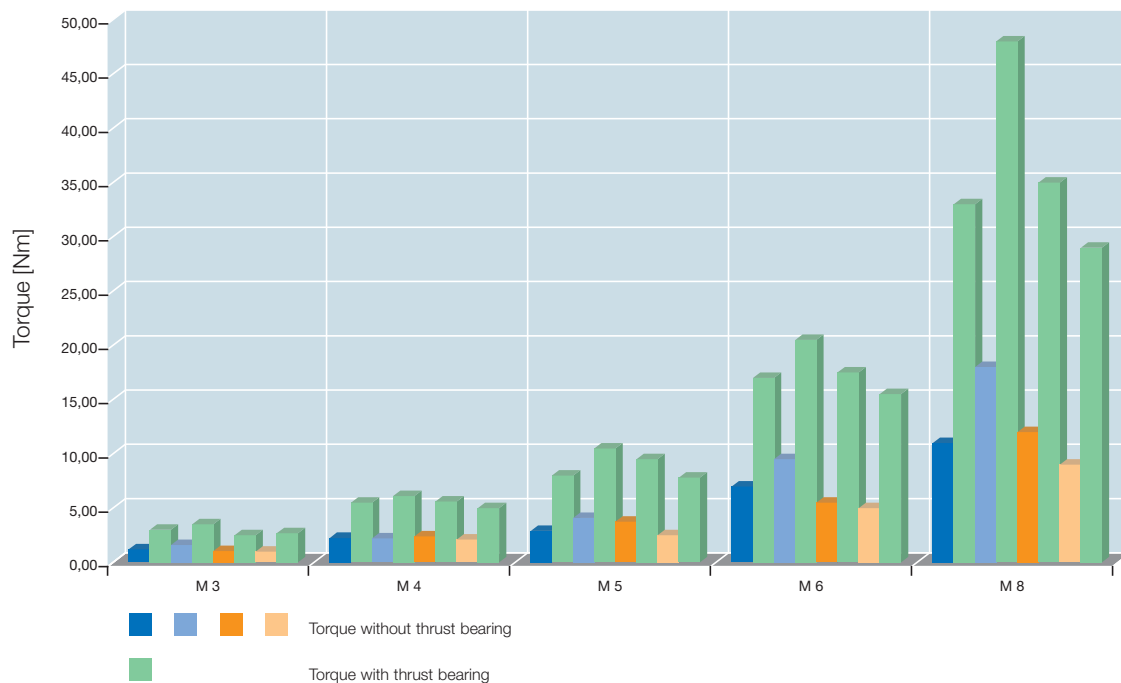
* Guide values: depend on moulding material, may have to be changed after setting trials.
Minimum quantity on request.
All dimensions in mm.

German and international patents applied for and granted.

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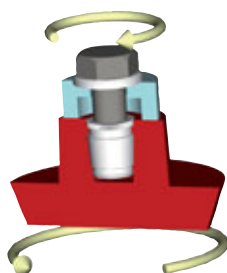
Technical data

Torque values HITSERT® M 3 to M 8

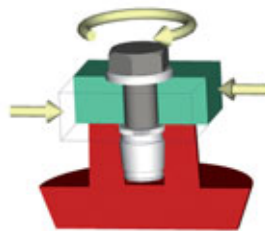


		M 3	M 4	M 5	M 6	M 8
■ ABS	MA [Nm]	1.20	2.25	2.90	7.00	11.00
■ ABS	MR [Nm]	3.00	5.50	8.00	17.00	33.00
■ PC	MA [Nm]	1.60	2.20	4.10	9.50	18.00
■ PC	MR [Nm]	3.50	6.10	10.50	20.50	48.00
■ PA	MA [Nm]	1.05	2.40	3.75	5.50	12.00
■ PA	MR [Nm]	2.50	5.60	9.50	17.50	35.00
■ PE/PP	MA [Nm]	1.00	2.10	2.50	5.00	9.00
■ PE/PP	MR [Nm]	2.70	5.00	7.80	15.50	29.00

All dimensions in mm.



Torque without thrust bearing (MA[Nm])
(jack out)



Torque with thrust bearing (MR[Nm])