



PRODUCT DATA

Sleeve Anchor Mushroom Head with Torx Drive

Mushroom head sleeve anchor with anti-tamper plug for installations in public areas. Torx drive that allows increased torque and prevents cam-out when installing. Through fixing into concrete and stone.



Applications	Trades
<ul style="list-style-type: none"> • Hand rail fastening • Lighting fixtures • Signage 	<ul style="list-style-type: none"> • Carpenters • Builders • Plumbers • Electricians • Sign Installers

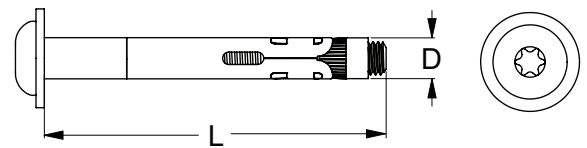
Material	Class 8.8
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Finish	Zinc Plated (RoHS Compliant)
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Part	QFind	Length	Diameter	Torx Drive	Pack Qty
		L (mm)	D (mm)		
MTFHDSE1010080	DSE1010080	80	10	T40	50
MTFHDSE1010100	DSE1010100	100	10	T40	50
MTFHDSE1010120	DSE1010120	120	10	T40	50
MTFHDSE1012080	DSE1012080	80	12	T40	50
MTFHDSE1012100	DSE1012100	100	12	T40	25
MTFHDSE1012120	DSE1012120	120	12	T40	25

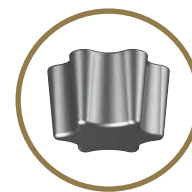
Features

- ETA-CE certified Option 7 allows the use of the anchor in non-cracked concrete
- Through fixing
- Large OD Washer
- Anti-Tamper Plug - Installed after installation



Washer

Anchor Drill Size	Washer	Dimensions	Thickness
	OD (mm)	ID (mm)	(mm)
M10	23.7	8.5	2.0
M12	29.4	10.6	2.5



Anti-tamper plugs are included in each pack

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

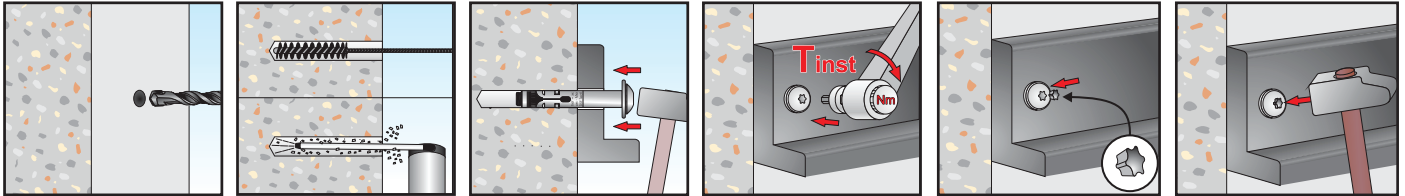
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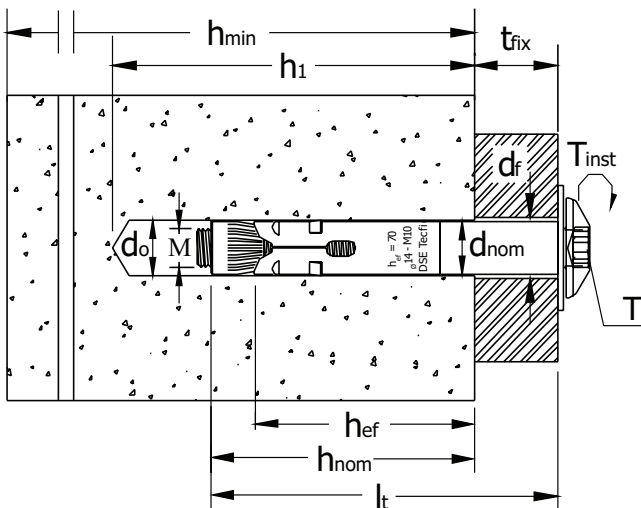
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Installation



Installation Data



Setting Details	
$d_{nom} \times l_t$	outside diameter of anchor x anchor length
M	Screw/stud diameter
t_{fix}	maximum thickness of fixture
d_0	drill hole diameter
h_1	minimum depth of drill hole
h_{min}	minimum thickness of concrete member
h_{nom}	minimum overall anchor embedment depth in the concrete
h_{ef}	minimum effective anchorage depth
d_f	diameter of clearance hole in the fixture
T_{inst}	torque moment
T	6 lobe recess
C_{min}	minimum allowable edge distance
S_{min}	minimum allowable spacing

Part	$d_{nom} \times l_t$	M	t_{fix}	d_0	h_1	h_{min}	h_{nom}	h_{ef}	d_f	T_{inst}	T	C_{min}	S_{min}
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Nm)		(mm)	(mm)
MTFHDSE1010080	10 x 80	M8	10	10	90	120	70	60	12	30	40	90	120
MTFHDSE1010100	10 x 100	M8	30										
MTFHDSE1010120	10 x 120	M8	50										
MTFHDSE1012080	12 x 80	M10	10	12	90	120	70	60	14	50	40	90	120
MTFHDSE1012100	12 x 100	M10	30										
MTFHDSE1012120	12 x 120	M10	50										

Installation data for use into non-cracked concrete strength class min C20/25 and max C50/60
 Characteristic loads, safety factors and further details are reported in the DoP and in the European Technical Approval (ETA 08/0058), available on www.hobson.com.au

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