



Headed Expansion Insert

Part No.	Thread A	Ext. Diam. E	Length B	Head Diam. E1	Head Length K	Min Wall W	Hole Diam. L
HDM020H040	M 2.0	3.45	4.00	4.8	0.5	2.4	3.2 - 3.3
HDM025H048	M 2.5	4.20	4.80	5.5	0.5	2.8	4.0 - 4.1
HDM030H048	M 3.0	4.20	4.80	5.5	0.6	3.2	4.0 - 4.1
HDM035H064	M 3.5	5.00	6.40	6.4	0.8	3.6	4.7 - 4.8
HDM040H080	M 4.0	5.85	8.00	7.1	1.0	4.0	5.5 - 5.6
HDM050H095	M 5.0	6.60	9.50	7.9	1.0	4.8	6.3 - 6.4
HDM060H127	M 6.0	8.30	12.70	9.5	1.3	6.0	7.9 - 8.0
HDM080H127	M 8.0	9.90	12.70	11.1	1.3	6.0	9.5 - 9.6

HDM inserts are designed to provide strong reusable threads in most plastics including thermoset. On installation, the insert collapses as it is pushed into the receiving hole. Insertion of the screw expands the sharp diamond points of the knurl into the surface of the hole and penetrates the plastic. This provides a high resistance to torque and pullout loads. The HDM has a slot through the body, the screw is meant to enter the insert through the head. The head therefore gives additional resistance to jack out loads, where the through hole in the mating component is larger than the traditional smaller diameter non headed inserts. Material and Finish: Brass Self Colour To Specify Use: Series No / Part No (eg 20110 HDM040H080)

All information is given for guidance only and designers should satisfy themselves as to the suitability of the specification by requesting samples