GSTIN- 29ADMPC3767H1Z9

UNIQUE FASTENERS

Precision Fasteners, Built to Last

175/6 Sar Building, Sp Road, Bangalore, 560002

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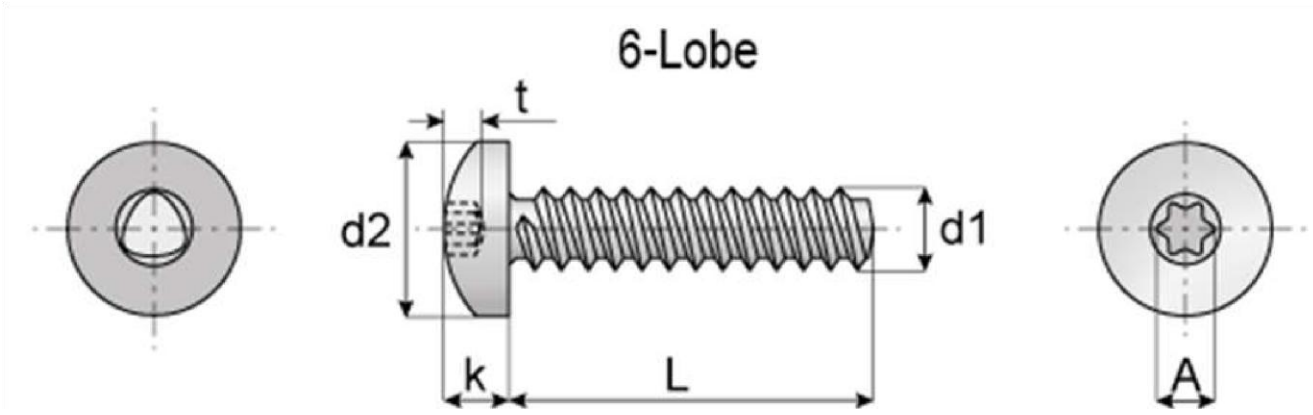
RoHS

Product Dimensions and Weights **DIN 7500 Technical Specifications**

Metric DIN 7500 CE Pan Head Thread Forming Screws



Dimensions of Metric DIN 7500 CE – Pan Head 6-Lobe Drive Thread Forming Screws

d1	M2	M2.5	M3	M4	M5	M6	M8
d2 max	4	5	6	8	10	12	16
k max	1.72	2.12	2.52	3.25	3.95	4.75	6.15
t max	0.8	1.2	1.3	1.8	2	2.4	3.3
A	1.8	2.4	2.8	3.9	4.5	5.6	6.8
Bit No.	T6	T8	T10	T20	T25	T30	T40

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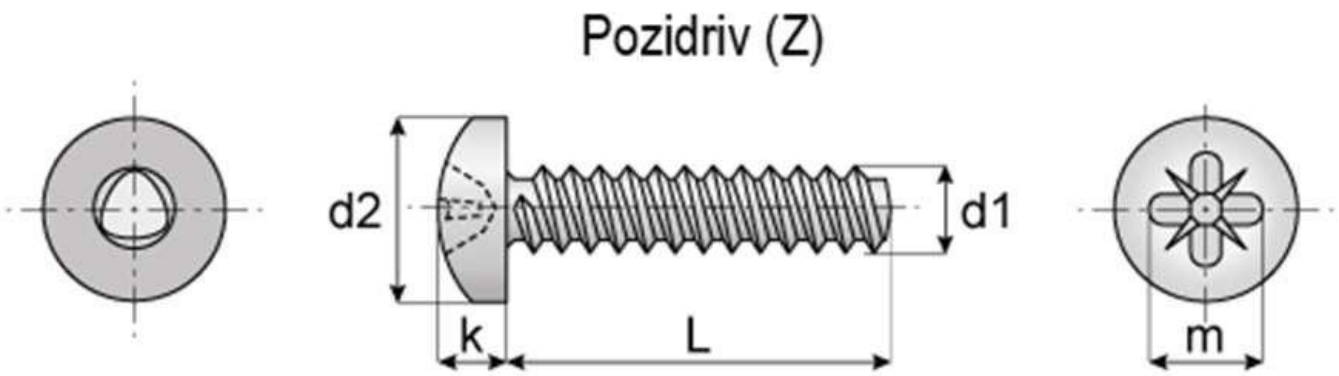

Dimensions of Metric DIN 7500 CE – Pan Head Pozidriv Thread Forming Screws

d1	M2.5	M3	M4	M5	M6
d2 max	5	6	8	10	12
k max	2	2.52	3.25	3.95	4.75
m~	2.6	3	4.3	5	6.7
Bit No.	1	1	2	2	3

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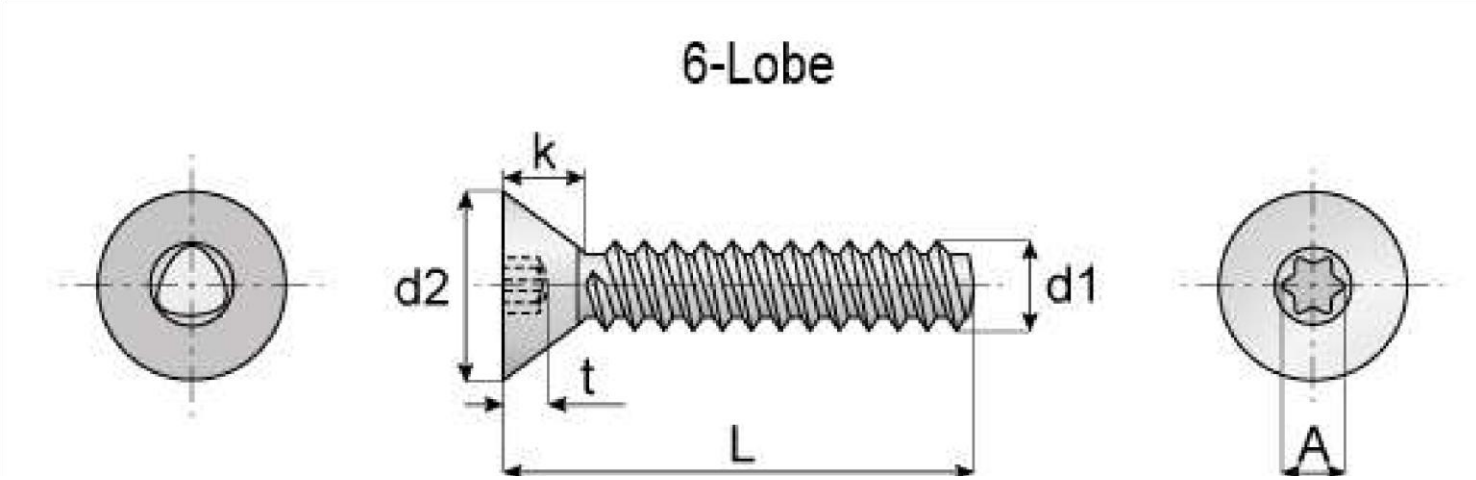
Metric DIN 7500ME Flat Countersunk Head Thread Forming Screws



Dimensions of Metric DIN 7500 ME – Flat Countersunk Head 6-Lobe Drive Thread Forming Screws

d1	M2	M2.5	M3	M4	M5	M6	M8
d2	3.8	4.7	5.6	7.5	9.2	11	14.5
k max	1.2	1.5	1.65	2.2	2.5	3	4
t max	0.7	1	1	1.4	1.5	1.9	3.3
A	1.8	2.4	2.8	3.9	4.5	5.6	6.8
Bit No.	T6	T8	T10	T20	T25	T30	T40

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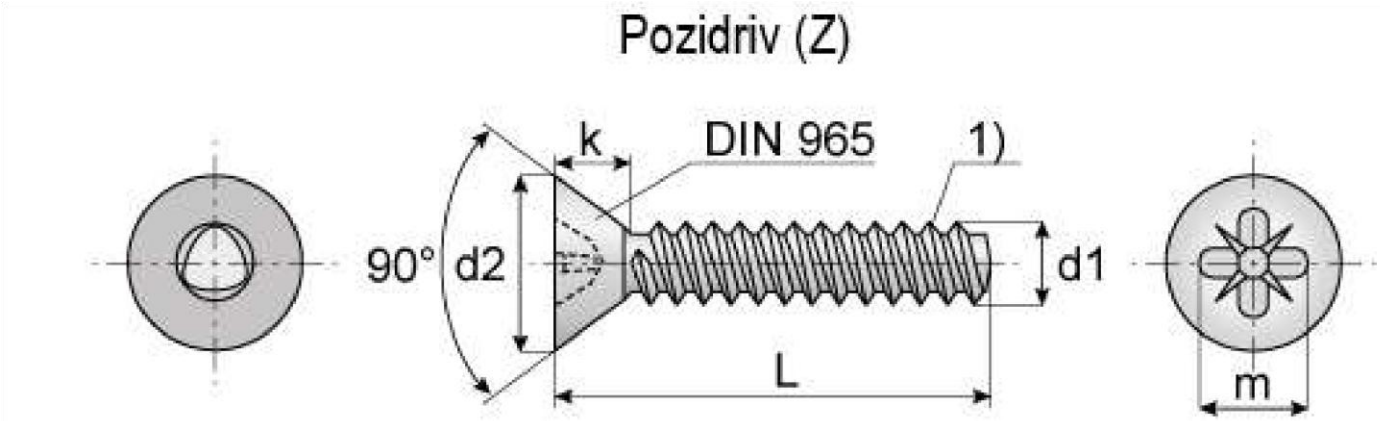

Dimensions of Metric DIN 7500 ME – Flat Countersunk Head Pozidriv Thread Forming Screws

d1	M2.5	M3	M4	M5	M6
d2 max	4.7	5.6	7.5	9.2	11
k max	1.5	1.65	2.2	2.5	3
m ~	2.5	2.8	4	4.4	6.1
Bit No.	1	1	2	2	3

Metric DIN 7500 Thread Forming Screws are available with a pan head (Type CE) or flat head (Type ME). They have machine screw threads in a trilobular configuration which is designed to effectively thread through pre-drilled pilot holes in metals. When threading into the substrate, the trilobular shape of the thread work hardens the substrate creating a smooth grain flow within the metal. This lowers the drive torque required for insertion and minimizes loosening caused by vibration. It also eliminates the formation of chips during insertion. DIN 7500 – Thread Forming Screws are available with Pozidriv (Type Z) or 6-Lobe drive. Unique Fasteners offers the following sizes for immediate delivery from stock: Diameters ranging from M2.5 to M6 and lengths up to 30mm, available in A2 stainless steel.

DIN (**D**eutsches **I**nstitut für **N**ormung - German Institute for Standardization) standards are issued for a variety of components including industrial fasteners as DIN 6926 Nylon Insert Hexagon Flange Lock Nuts. The DIN standards remain common in Germany, Europe and globally even though the transition to ISO standards is taking place. DIN standards continue to be used for parts which do not have ISO equivalents or for which there is no need for standardization.