

# KT-M

Grommet with metric inner thread



1.1



Various application examples

KEL-U 24|7 mounted with 1x KT-M, equipped with 1 connector M12x1,0, for the connection of sensors.

## Product description

KT-M is a grommet (based on large KT grommets) with integrated metric threads, suitable for split icotek cable entry systems. The KT-M grommets are made of elastomer with a polyamide body. KT-M grommets are available with inner threads M12x1,0, M16x1,5, M20x1,5 and M25x1,5. The KT-M is ideal for creating an interface for signal, data, power or hybrid connectors by simply screwing them into the KT-M thread. Pressure compensation elements or conduit connectors up to M25x1,5 can also be screwed into the KT-M. There is also a blank KT-M grommet available. The integrated polyamide body is completely closed on one side. The effective area is 24 x 24 mm, the wall thickness is 6 mm. Custom drill-holes and cut-outs can be made here for e.g. installation of screw mounted hybrid connectors.

Type	Order No.	Height x width x length [mm]	Thread	Material	PU
KT-M 12x1,0	39946	42 x 41,5 x 19	M12 x 1,0	PA / Elastomer	10
KT-M 16x1,5	39947	42 x 41,5 x 19	M16 x 1,5	PA / Elastomer	10
KT-M 20x1,5	39948	42 x 41,5 x 19	M20 x 1,5	PA / Elastomer	10
KT-M 25x1,5	39949	42 x 41,5 x 19	M25 x 1,5	PA / Elastomer	10
KT-M blank	39950	42 x 41,5 x 19	–	PA / Elastomer	10

## Advantages & benefits

- By using KT-M grommets, panel connectors and sockets can be integrated directly into the cable entry system
- Separate cut-outs in the wall not necessary
- Space-saving solution
- Thread sizes M12 to M25 available

## Specifications

Material	<b>Grommet: Elastomer</b> <b>Body with thread: Polyamide</b>
Flame class	<b>UL94-Vo, self-extinguishing</b>
Protection class	<b>IP65</b>
Temperature	<b>-40°C to +90°C (static)</b>
Properties	<b>Halogen free, silicone free</b>

