

AT-M | AT-B

Adapter grommet, large with metric inner thread



AT-M is a grommet (based on large KT grommets) with integrated metric threads, suitable for split icotek cable entry systems. The AT-M grommets are made of elastomer with a polyamide body. AT-M grommets are available with inner threads in sizes M12x1.0, M16x1.5, M20x1.5 and M25x1.5.

The AT-M is ideal for creating an interface for signal, data, power and hybrid connectors by simply screwing them into the AT-M thread. Pressure compensation elements or conduit connectors up to M25x1.5 can also be screwed into the AT-M.

icotek also offers screw plugs for sizes M16, M20 and M25 to close the new adapter grommet with the metric internal thread AT-M.

There is also a blank AT-B 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.

Advantages & benefits

- By using AT-M grommets, panel connectors and sockets can be integrated directly into the cable entry system
- Separate cut-outs for connectors are no longer necessary
- Space-saving solution
- Thread sizes M12 to M25 available
- Blank grommet for flexible use

Specifications

Material	Grommet: Elastomer Body with thread: Polyamide
Flame class	UL94-V0, self-extinguishing
Protection class	IP65 when using correct components
Temperature Properties	-40°C to +100°C (static) Halogen free, silicone free



Type	Order No.	Height x width x length [mm]	Thread	Material	PU
AT-M 12x1.0	39946	42 x 41.5 x 19	M12 x 1.0	PA/Elastomer	10
AT-M 16x1.5	39947	42 x 41.5 x 19	M16 x 1.5	PA/Elastomer	10
AT-M 20x1.5	39948	42 x 41.5 x 19	M20 x 1.5	PA/Elastomer	10
AT-M 25x1.5	39949	42 x 41.5 x 19	M25 x 1.5	PA/Elastomer	10
AT-B blank	39950	42 x 41.5 x 19	—	PA/Elastomer	10

Screw plugs for AT-M

Type	Order No.	Thread	Material	PU
Screw plug M16 x 1.5	99195	M16	Polyamide	10
Screw plug M20 x 1.5	99196	M20	Polyamide	10
Screw plug M25 x 1.5	99197	M25	Polyamide	10



- 1
- 1.11
- 1.12
- 1.13
- 1.14
- 1.15
- 1.21
- 1.22
- 1.23
- 1.24
- 1.25
- 1.3

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