

AT-M | AT-K-M | AT-K-Z | Adapter grommets

with inner thread M5 - M25 & 1/4" - 1/8" / IP65/IP66 / UL Type 12



IP54

IP55

Made in Germany

IP64

EN 45545-2

IP65

certified

IP66

ISO 4892-2A

UL TYPE 12

compliant

AT-M is an adapter grommet (based on large KT grommets) with integrated metric threads.. The AT-M adapter grommets are made of elastomer with a polyamide body. AT-M adapter grommets are available with inner threads M12 x 1.0, M16 x 1.5, M20 x 1.5 and M25 x 1.5.

The AT-M is ideal for creating an interface for signal, data, power or hybrid connectors by simply screwing them into the AT-M thread. Pressure compensation elements or hose glands up to M25 x 1.5 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.

AT-K-M is an adapter grommet (based on small KT grommets) with integrated metric threads, suitable for split icotek cable entry systems. The AT-K-M adapter grommets are made of elastomer with a nickel-plated brass body. AT-K-M adapter grommets are available with inner threads M5 x 0.5, M8 x 1.0, M12 x 1.0, M12 x 1.5, M14 x 1.0 and M16 x 1.5 and the AT-K-Z grommets with Whitworth pipe threads according to ISO 227-1 (BSP) in sizes 1/8" and 1/4".

By using the AT-K-M adapter grommet several connectors can be inserted directly into the cable entry frame e.g. [pneumatic bulkhead connectors](#) M12 x 1,0, metric connectors and [pressure compensation elements](#).

They are compatible with all split icotek cable entry systems (suitable for KT cable grommets).

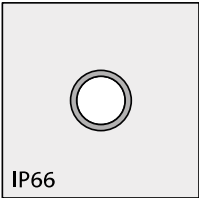
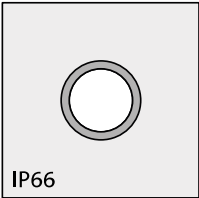
Specifications

IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66
UL Type (UL 50E)	UL Type 12
Material	Elastomer Body: Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 100 C°
Properties	silicone free, halogen free

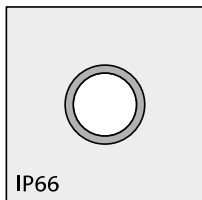
Advantages & benefits

- 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

Product types & sizes

AT-K-M M5 × 0.5		Part No.	39953	Mounting height	2 mm
		EAN	4251269322006		
		Package quantity	5		
		Thread	M5 × 0,5		
		Length	21 mm		
		Width	21 mm		
		Height	19 mm		
AT-K-M M8 × 0.5		Part No.	39966	Mounting height	2 mm
		EAN	4251269323812		
		Package quantity	5		
		Thread	M8 × 0,5		
		Length	21 mm		
		Width	21 mm		
		Height	19 mm		

AT-K-M M8 × 1.0

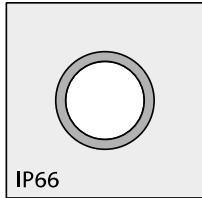


Part No.
EAN
Package quantity
Thread
Length
Width
Height

39954
4251269322013
5
M8 × 1,0
21 mm
21 mm
19 mm

Mounting height **2 mm**

AT-K-M M12 x 1.0

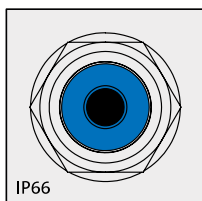


Part No.	
EAN	
Package quantity	
Thread	
Length	
Width	
Height	

39955
4251269322020
5
M12 × 1,0
21 mm
21 mm
19 mm

Mounting height **2 mm**

**AT-K-M M12 +
bulkhead coupling D4**

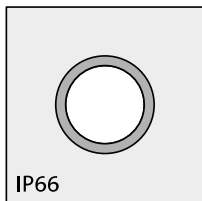


Part No.
EAN
Package quantity
Thread
Length
Width
Height

39971
4251269325588
1
M12 × 1,0
21 mm
21 mm
33,8 mm

Mounting height	16,8 mm
For pneumatic hose	4 mm

AT-K-M M12 x 1.5

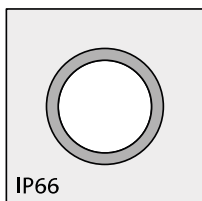


Part No.
EAN
Package quantity
Thread
Length
Width
Height

39956
4251269322037
5
M12 × 1,5
21 mm
21 mm
19 mm

Mounting height **2 mm**

AT-K-M M14 × 1.0

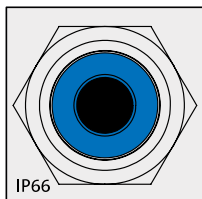


Part No.
EAN
Package quantity
Thread
Length
Width
Height

39962
4251269322716
5
M14 × 1,0
21 mm
21 mm
19 mm

Mounting height **2 mm**

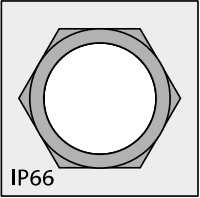
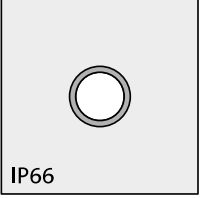
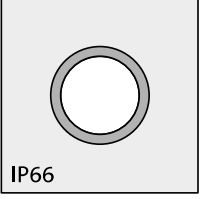
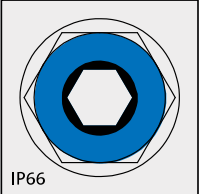
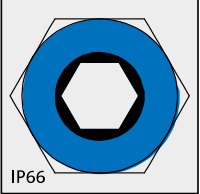
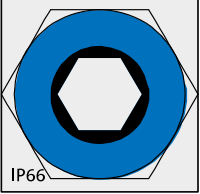
**AT-K-M M14 +
bulkhead coupling D6**

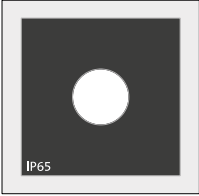


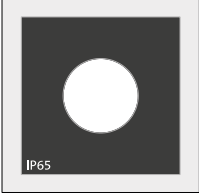
Part No.
EAN
Package quantity
Thread
Length
Width
Height

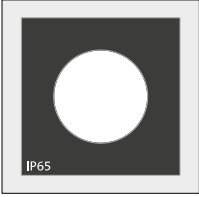
39972
4251269325595
1
M14 × 1,0
21 mm
21 mm
35,1 mm

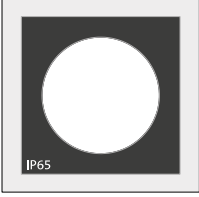
Mounting height	18,1 mm
For pneumatic hose	6 mm

AT-K-M M16 × 1.5 	Part No. EAN Package quantity Thread Length Width Height	39957 4251269322358 5 M16 × 1,5 21 mm 21 mm 19 mm	Mounting height 2 mm
AT-K-Z 1/8" 	Part No. EAN Package quantity Thread Length Width Height	39963 4251269323041 5 1/8" 21 mm 21 mm 19 mm	Mounting height 2 mm
AT-K-Z 1/4" 	Part No. EAN Package quantity Thread Length Width Height	39964 4251269323058 5 1/4" 21 mm 21 mm 19 mm	Mounting height 2 mm
AT-K-Z 1/4" + 2× bulkhead fitting D8 	Part No. EAN Package quantity Thread Length Width Height	39973 4251269332043 1 1/4" 21 mm 21 mm 51 mm	Mounting height 16 mm
AT-K-Z 1/4" + 2× bulkhead fitting D10 	Part No. EAN Package quantity Thread Length Width Height	39974 4251269332050 1 1/4" 21 mm 21 mm 64 mm	Mounting height 22,5 mm
AT-K-Z 1/4" + 2× bulkhead fitting D12 	Part No. EAN Package quantity Thread Length Width Height	39976 4251269332067 1 1/4" 21 mm 21 mm 68 mm	Mounting height 24,5 mm

AT-M 12 × 1.0 	Part No.	39946	Mounting height	2
	EAN	4251269320897		
	Package quantity	10		
	Thread	M12 × 1,0		
	Length	42		
	Width	41,5		
	Height	19		

AT-M 16 × 1.5 	Part No.	39947	Mounting height	2
	EAN	4251269320903		
	Package quantity	10		
	Thread	M16 × 1,5		
	Length	42		
	Width	41,5		
	Height	19		

AT-M 20 × 1.5 	Part No.	39948	Mounting height	2
	EAN	4251269320910		
	Package quantity	10		
	Thread	M20 × 1,5		
	Length	42		
	Width	41,5		
	Height	19		

AT-M 25 × 1.5 	Part No.	39949	Mounting height	2
	EAN	4251269320927		
	Package quantity	10		
	Thread	M25 × 1,5		
	Length	42		
	Width	41,5		
	Height	19		

Screw plug M16×1,5 	Part No.	99195
	EAN	4251269321078
	Package quantity	10
	Thread	M16 × 1,5
	Mounting height	2 mm

Screw plug M20 × 1.5



Part No.	99196
EAN	4251269321085
Package quantity	10
Thread	M20 × 1,5
Mounting height	2 mm

Screw plug M25 × 1.5



Part No.	99197
EAN	4251269321092
Package quantity	10
Thread	M25 × 1,5
Mounting height	2 mm