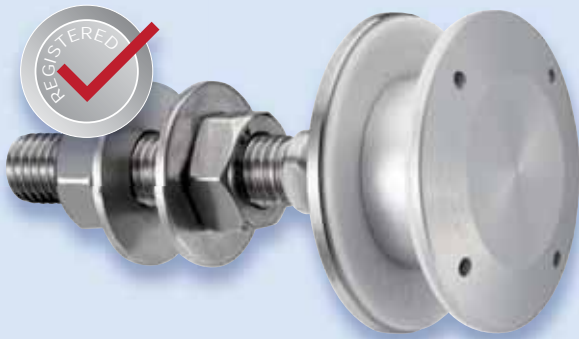


Reference: R 1039

Designation: swivel fitting, cylindrical head – insulated glass unit.
Fixed on one layer of glass only.



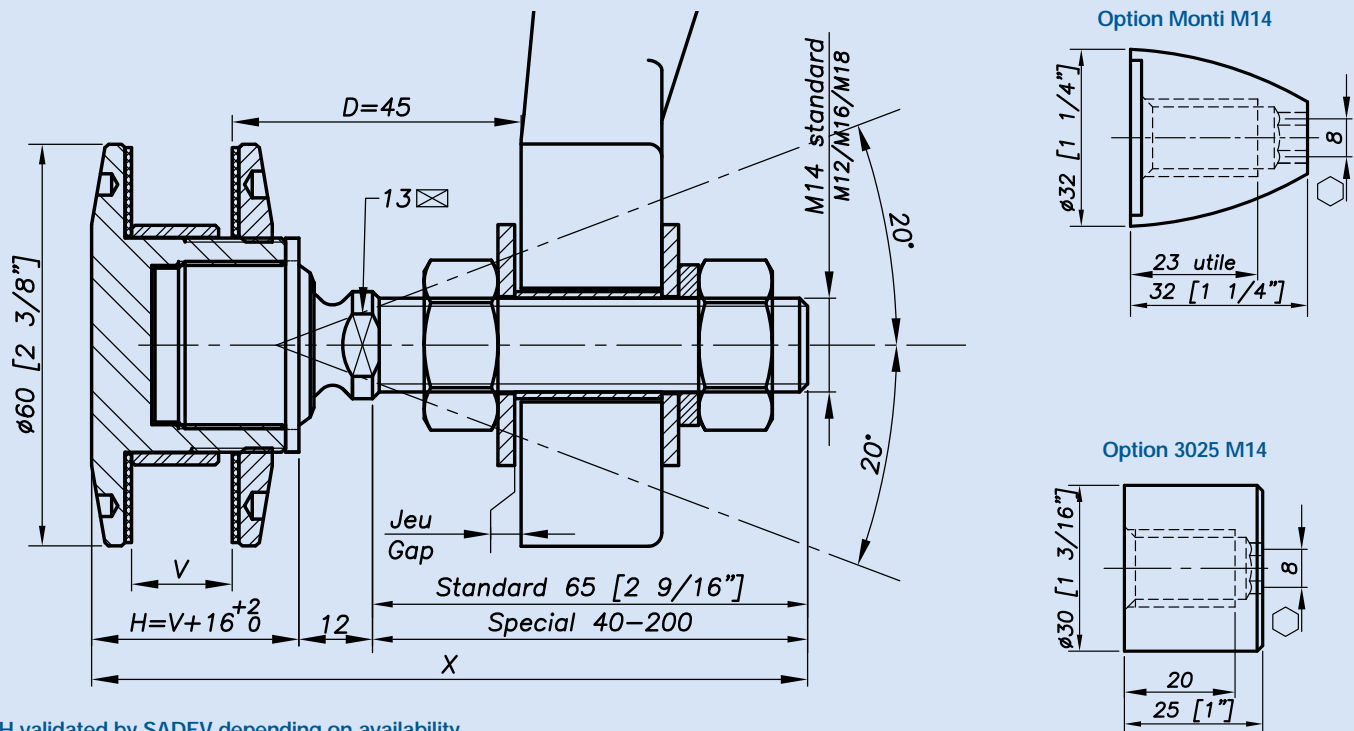
Patent No: 9806556

Typical applications:

Mounting		Alternate product
Vertical facade	Yes	
Roof	No	R1003A
Guard rail	No	V2003 - see SADEV Decor
*Blind access	No	R1008 - R1038 - R1006
Sloped glazing	Possible	

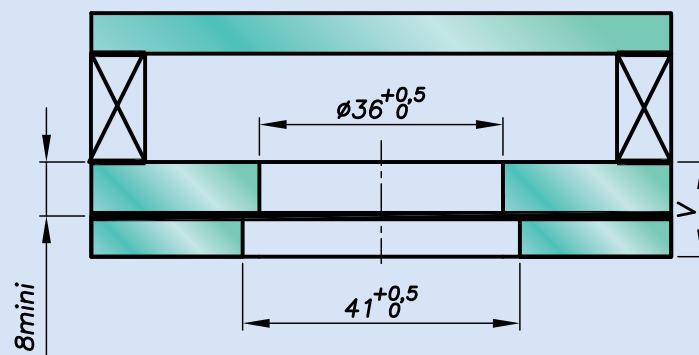
*Installation from the outside (no access to the structure).
The first glass layer is obligatory laminated.

Dimensions:



H validated by SADEV depending on availability.

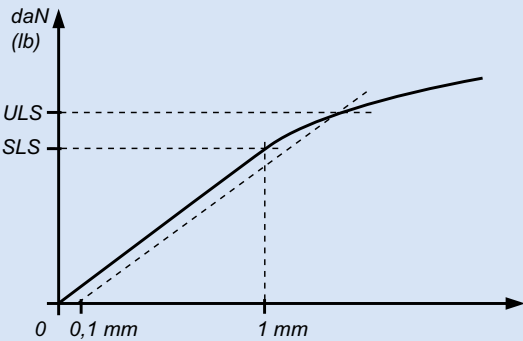
Glass drilling:



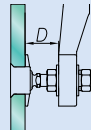
It is important to provide the following information with each request: the glass composition (ex.: 10 mm monolithic, 8.8.4 laminated, 8.8.2-12-10 insulating) / the length and diameter of the threaded axle if not standard dimensions (M14, 65 mm) / the reference of the spider to be used as support, or the thickness of an existing support for the delivery of the spacer.

Reference: R 1039

Mechanical performances:

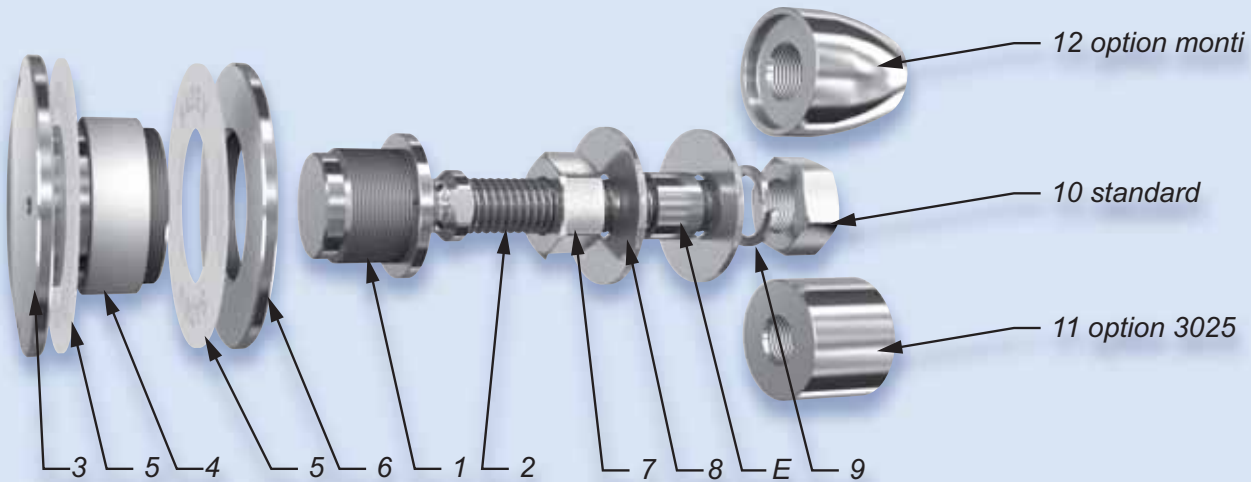


	Bending capacity			Pull out capacity
	D	SLS*	ULS*	ULS*
M14	45 mm	344 daN (773 lb)	577 daN (1297 lb)	1400 daN (3147 lb)
	60 mm	153 daN (344 lb)	364 daN (818 lb)	
M16	45 mm	504 daN (1133 lb)	827 daN (1859 lb)	1400 daN (3147 lb)
	60 mm	253 daN (569 lb)	525 daN (1180 lb)	



*SLS – Serviceability Limit State: load at 1 mm deformation.
 *ULS – Ultimate Limit State: load at the elastic limit (Rp0.1).
 Values are given without factor of safety.
 Tests available online: www.sadev.com

Components:



Rep	Qty	Designation	Material
1	1	Swivel Body	X2 Cr Ni Mo 17.12.2 per EN 10088-3
2	1	Threaded Axle	X4 Cr Ni Mo 16.5.1 per EN 10088-3
3	1	Cylindrical Head	AU4PB – EN AW 2030 T3 – AlCu4PbMg
4	1	Glass Hole Grommet	AW-1050A per EN 573-3 / Al 99.5%
5	2	Contact Washer	White polyacetal / white polyethylene
6	1	Glass Nut Ø 60	X2 Cr Ni Mo 17.12.2 per EN 10088-3
7	1	Nut DIN 934	A4
8	2	Washer	A4
9	1	Lock Washer DIN127	A4
10	1	Nut DIN 934	A4
11	1	3025 Cap Nut - Option	X2 Cr Ni Mo 17.12.2 per EN 10088-3
12	1	Monti Cap Nut - Option	X2 Cr Ni Mo 17.12.2 per EN 10088-3

Suggested mounting instruction:

1 – In factory: assembly of glass

Mount the cylindrical head No. 3, contact washer No. 5, and grommet No. 4 to the inside glass lite. Attach contact washer No. 5 and glass nut No. 6 and tighten to 10 Nm (7.5 ft-lb) for laminated glass using SADEV ref. 097581160 and ref. CLE-DYN-072031. Assemble the insulated glass unit. Butyl cord applied between item 3 and the glass.

2 – On site

Thread parts No. 1/2 into the cylindrical head No. 3. Mount nut No. 7 and washer No. 8 onto parts No. 1/2. Insert the threaded axle into the support with spacer E (available on request), see technical page. Adjust the depth. Mount washer No. 8, lock washer No. 9, and nut No. 10 and tighten to 60 Nm (45 ft-lb) using a 22 mm wrench.

SADEV recommends using thread locking compound whenever possible.

