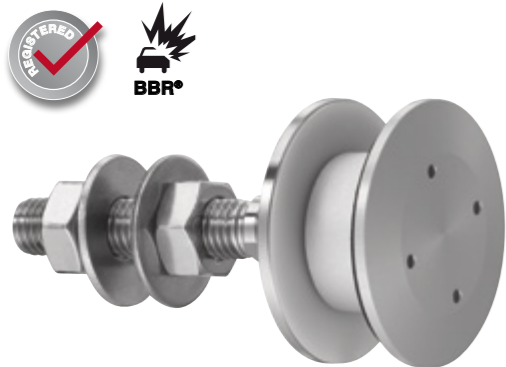


R 1039

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

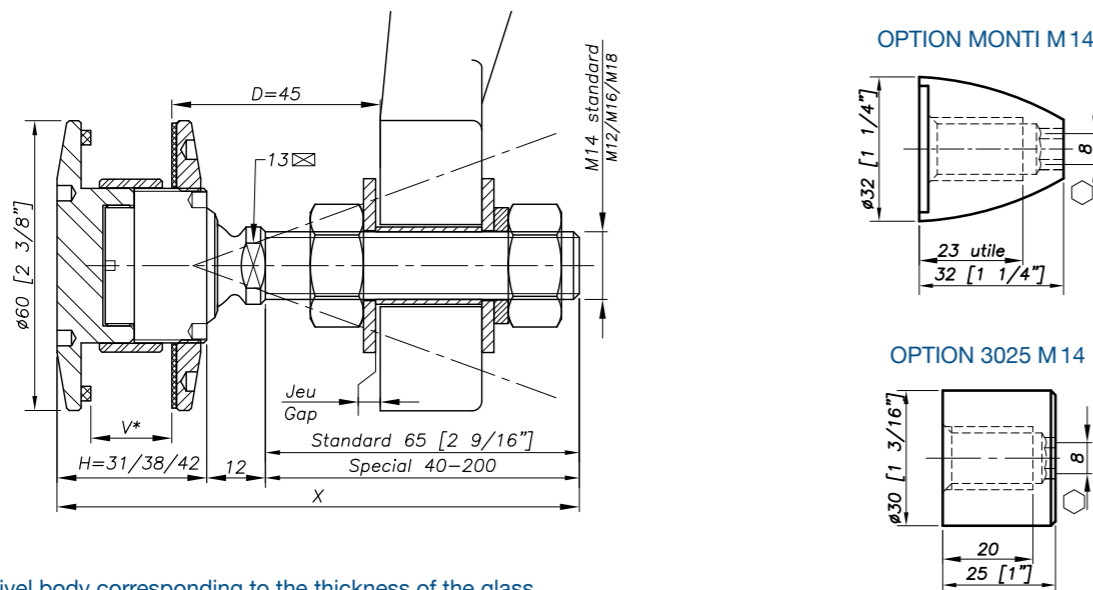


Patent No: 9806556
Sealing strip between glazing available p.8.26

REFERENCE TO ORDER			
GLASS THICKNESS	Ø AXIS	LENGTH AXIS (mm)	ARTICLE CODE
8 ≤ V ≤ 15	M14	65	R1039-0815-1465*
15 ≤ V ≤ 22	M14	65	R1039-1522-1465
22 ≤ V ≤ 26	M14	65	R1039-2226-1465
SPECIAL	SPECIAL	SPECIAL	SPECIAL

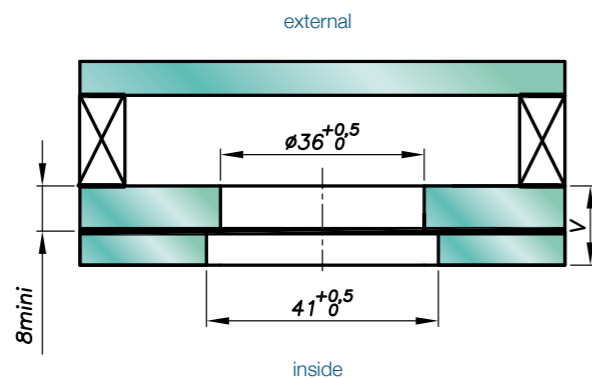
* R1039-V-1465 : Model - Glass thickness - Type axis and length.
Rotule BBR en option.

Dimensions



H = Swivel body corresponding to the thickness of the glass.
V* = glass thickness

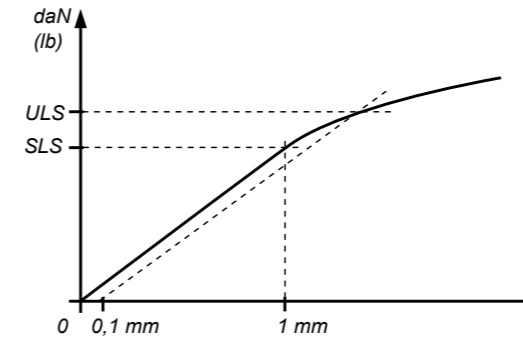
Glass drilling



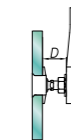
It is important to provide the following information with each request: the glass composition (ex.: 10 mm monolithic, 8.8.4 laminated, 8.8.2-12-10 insulating) / the length and diameter of the threaded axle if not standard dimensions (M14, 65 mm) / the reference of the spider to be used as support, or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

R 1039

Mechanical performance

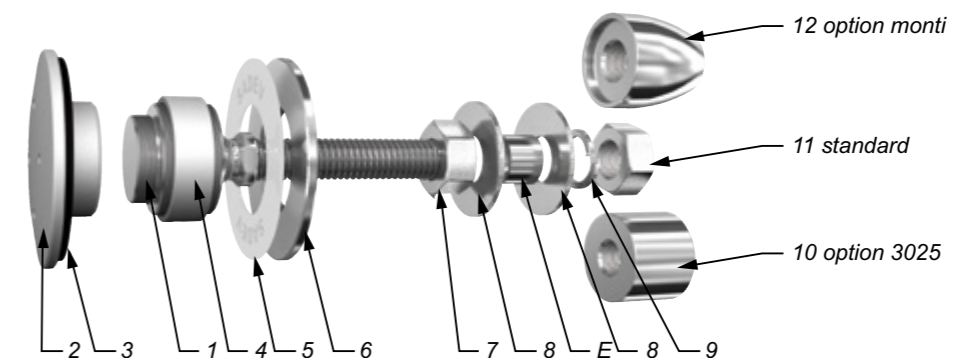


	BENDING CAPACITY			PULL OUT CAPACITY
	D	SLS*	ULS*	ULS*
M 14	45mm	344 daN (773 lb)	577 daN (1297 lb)	1400 daN (3147 lb)
	60mm	153 daN (343 lb)	364 daN (818 lb)	
M16	45mm	504 daN (1133 lb)	827 daN (1859 lb)	
	60mm	253 daN (568 lb)	525 daN (1180 lb)	



*SLS - Serviceability Limit State: load at 1mm 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



MARK	QUANTITY	DESIGNATION	MATERIAL
1	1	Swivel body	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
2	1	Bush	AlCu4MgSi / 2017A (AU4G) as per EN 573-3
3	1	Contact washer	EPDM
4	1	Glass hole grommet	AW-1050A as per EN 573-3 / Al 99.5%
5	1	Contact washer	White polyacetyl / white polyethylene
6	1	Glass nut Ø60	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
7	1	Nut DIN 934	A4
8	2	Washer	A4
9	1	Washer DIN 127	A4
10	1	3025 Cap nut - Option	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
11	1	Nut DIN 934	A4
12	1	Monti cap nut - Option	X2 Cr Ni Mo 17.12.2 as per EN 10088-3

Suggested mounting instruction

1 - In factory :

Mount parts N°2, 3, 4 into the glass with a Butyl sealing strip (not included).
Assembly by isolating glazing.

2 - On site

Mount the N°1 into bush N°2.

Attach contact washer N° 5 and glass nut N° 6 and tighten to 10 Nm (7.5 ft-lb)
for laminated glass using SADEV ref. 097581160 and ref. CLE-DYN-072031.

Butyl cord applied between item 1 and the glass.

Mount nut N° 7 and washer N° 8.

Insert the threaded axle into the support with spacer E (available on request), see technical page. Adjust the depth. Mount washer N° 8, lock washer N° 9, and tighten to 60 Nm (45 ft-lb) using a 22 mm wrench.

SADEV recommends using thread locking compound whenever possible.

