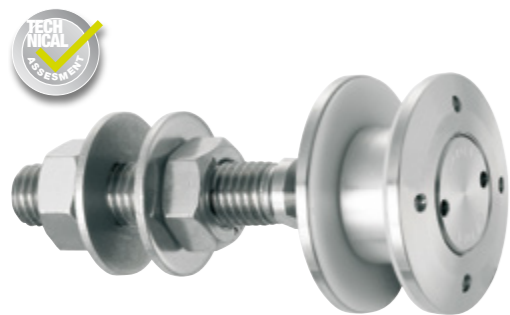


R 1106

Designation : swivel fitting, cylindrical head, Ø50mm.
Installation from the outside possible

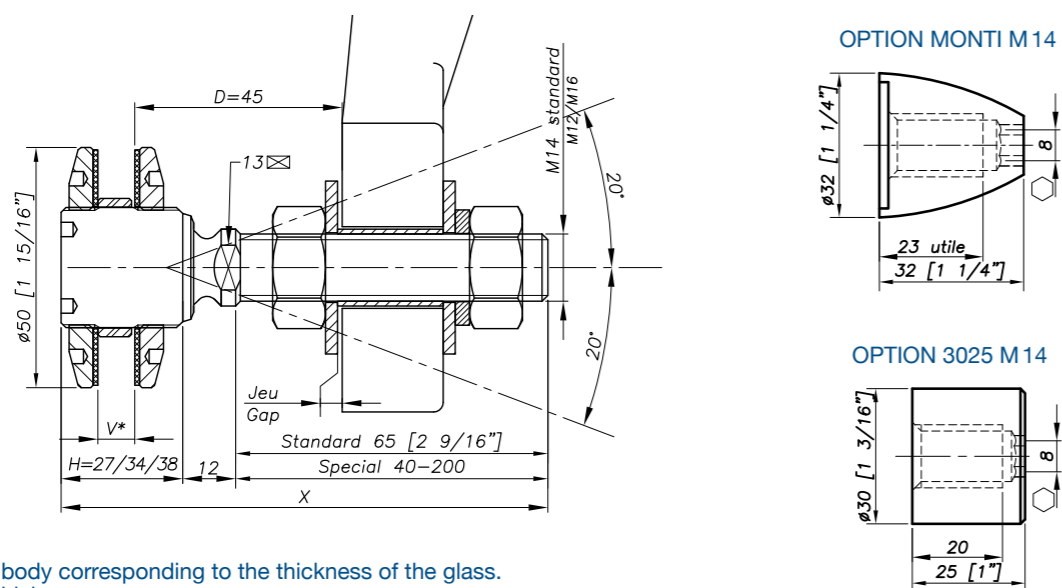


Patent No : 9806556
Technical assessment available online : www.sadev.com
Sealing strip between glazing available p.8.26

REFERENCE TO ORDER			
GLASS THICKNESS	Ø AXIS	LENGTH AXIS (mm)	ARTICLE CODE
8 ≤ V ≤ 15	M14	65	R1106-0815-1465*
15 < V ≤ 22	M14	65	R1106-1522-1465
22 < V ≤ 26	M14	65	R1106-2226-1465
SPECIAL	SPECIAL	SPECIAL	R1106-V-SP

* R1106-0815-1465 : Model - Glass thickness - Type axis and length.

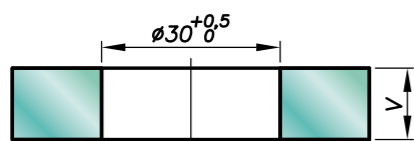
Dimensions



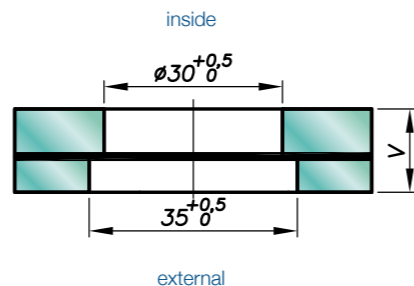
H = Swivel body corresponding to the thickness of the glass.
V* = glass thickness

Glass drilling

MONOLITHIC GLASS



LAMINATED GLASS

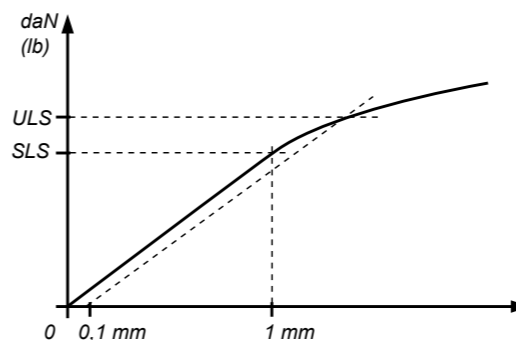


Available for glass thicknesses from 8 to 31.52 mm, for other thicknesses please consult us.

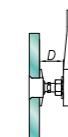
It is important to provide the following information with each request: the glass composition (ex.: 10 mm monolithic, 8.8.4 laminated, 8.8.2-12-10 insulating) / the length and diameter of the threaded axle if not standard dimensions (M14, 65 mm) / the reference of the spider to be used as support, or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

R 1106

Mechanical performance

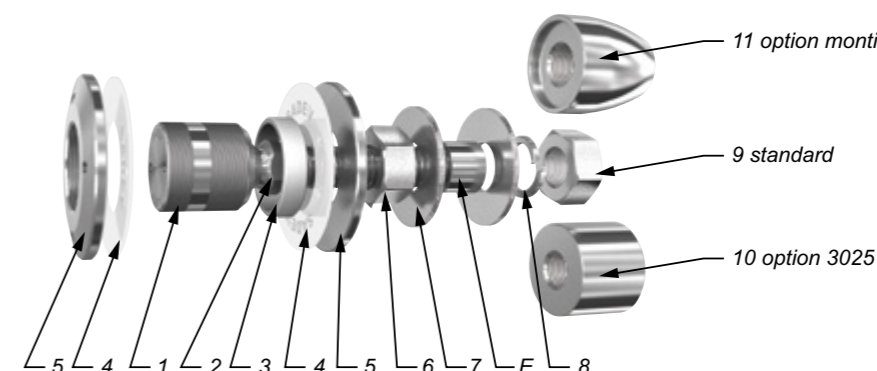


	BENDING CAPACITY			PULL OUT CAPACITY
	D	SLS*	ULS*	ULS*
M 14	45mm	344 daN (773 lb)	577 daN (1297 lb)	1 200 daN (2 697 lb)
	60mm	153 daN (343 lb)	364 daN (818 lb)	
M16	45mm	504 daN (1133 lb)	827 daN (1859 lb)	
	60mm	253 daN (568 lb)	525 daN (1180 lb)	



*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

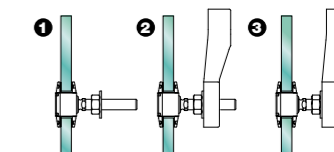


MARK	QUANTITY	DESIGNATION	MATERIAL
1	1	Swivel body	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
2	1	Threaded Axle	X4 Cr Ni Mo 16.5.1 as per EN 10088-3
3	1	Glass hole grommet	AW-1050A as per EN 573-3/AI 99.5%
4	2	Contact washer	White polyacetyl/white polyethylene
5	2	Glass nut Ø50	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
6	1	Nut DIN 934	A4
7	2	Washer	A4
8	1	Lock washer DIN127	A4
9	1	Nut DIN 934	A4
10	1	3025 Cap nut - Option	X2 Cr Ni Mo 17.12.2 as per EN 10088-3
11	1	Monti cap nut - Option	X2 Cr Ni Mo 17.12.2 as per EN 10088-3

Suggested mounting instruction

A - Classic mounting

Insert parts N° 1/2, 5, 4 and 3 into the glass hole. Place the second contact washer N° 4 over assembly N° 1/2 and thread on glass nut N° 5. Tighten to 10Nm (7.5 ft-lb) for tempered glass using SADEV catalog ref. 097581160. Thread on nut N° 6 and apply washer N° 7. Insert the threaded axle into the support with spacer E (available on request), see technical page. Adjust the depth. Mount the second washer N° 7, lock washer N° 8, and nut N° 9. Tighten to 60Nm (45 ft-lb) using a 22 mm wrench.



B - Blind mounting : installation from the outside (no access to the structure)

Mount nut N° 6 and washer N° 7 onto assembly N° 1/2. Insert the threaded axle into the support with spacer E (available on request), see technical page. Adjust the depth. Mount the second washer N° 7, lock washer N° 8, and nut N° 9. Tighten to 60Nm (45 ft-lb) using a 22mm wrench. Slide contact washer N° 4 and grommet N° 3 onto swivel body N° 1. Set the glass onto the swivel body, careful not to contact unprotected glass edges with bare metal parts. Place the second contact washer N° 4 over assembly N° 1/2 and thread on glass nut N° 5. Tighten to 10Nm (7.5 ft-lb) for tempered glass using SADEV catalog ref. 097581160.

SADEV recommends using thread locking compound whenever possible.