Reference: V 2006

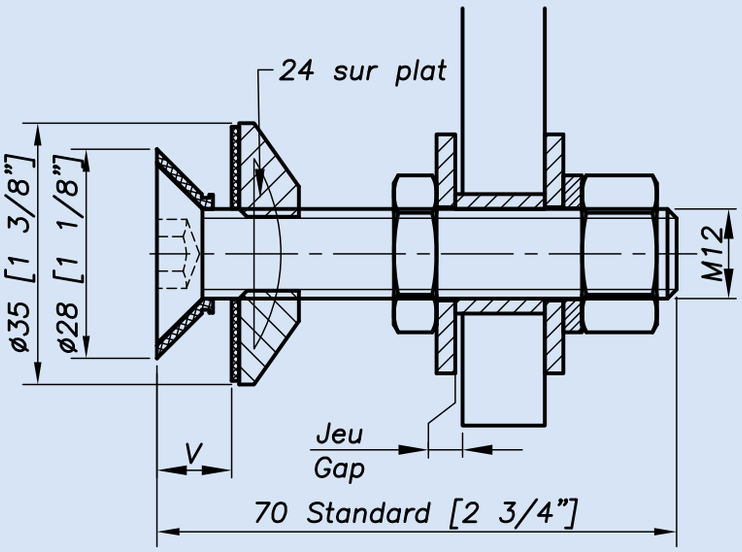
Designation: **fixed bolt, countersunk head.**

Typical application:

Mounting		Alternate product
Vertical facade	Yes	
Roof/canopy	No	
Guard rail	No	V2005 - see SADEV Decor
*Blind access	No	V2003
Sloped glazing	Yes	

***Installation from the outside (no access to the structure).**

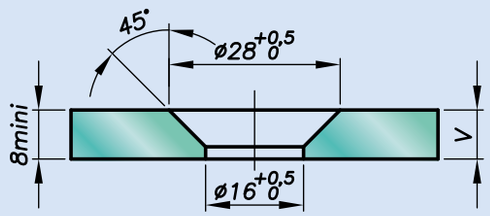
Dimensions:



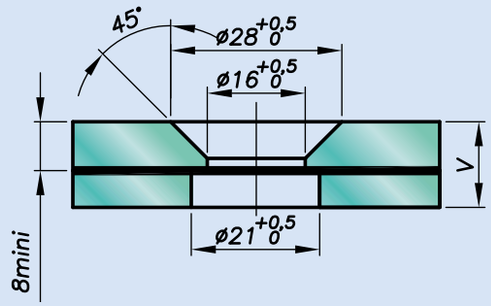
H validated by SADEV depending on availability.

Glass drilling:

Monolithic glass



Laminated glass
V = 1st glass + intercalated films + 2nd glass

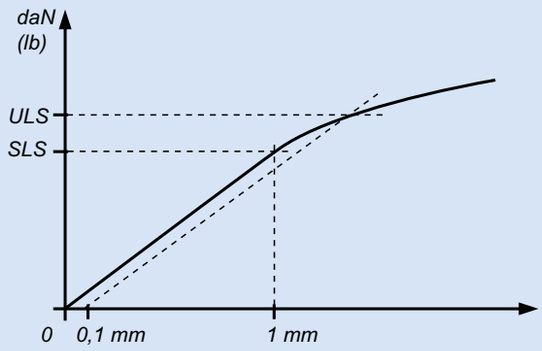


Available for glass thicknesses from 8 to 17.52 mm, for other thicknesses please consult us.

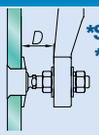
It is important to provide the following information with each request: the glass composition (ex.: 10 mm monolithic, 8.8.4 laminated, 8.8.2-12-10 insulating) / the length and diameter of the swivel threaded axle if not standard dimensions (M14, 65 mm) / the reference of the spider to be used as support,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

Reference: V 2006

Mechanical properties:

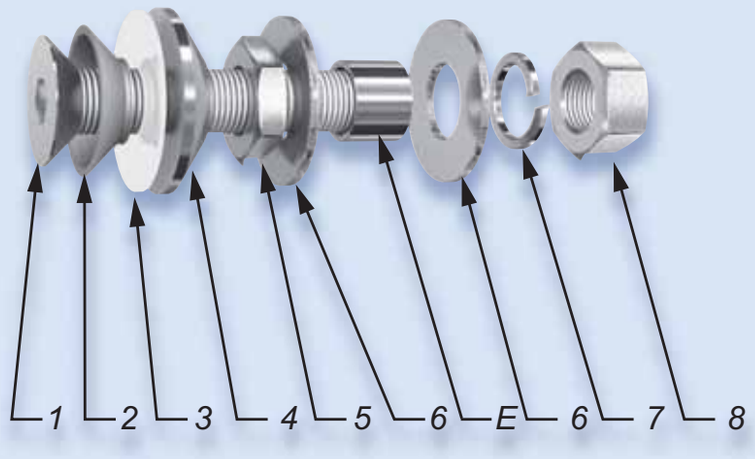


		Bending capacity			Pull out capacity
		D	SLS*	ULS*	ULS*
M14	45 mm	No test available			
	60 mm				
M16	45 mm				
	60 mm				



*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	Bolt DIN 7991 M12-70	A4
2	1	Glass Hole Grommet	AW-1050A per EN 573-3 / Al 99.5%
3	1	Contact Washer	White polyacetal / white polyethylene
4	1	Glass Nut Ø 35	X2 Cr Ni Mo 17.12.2 per EN 10088-3
5	1	Nut DIN 439 M12	A4
6	2	Washer Ø 32	A4
7	1	Lock Washer DIN127 B12	A4
8	1	Nut DIN 934 M12	A4

Suggested mounting instruction:

Insert parts No. 1 and 2 into the glass.
Mount contact washer No. 3 and glass nut No. 4 and tighten to 20 Nm (15 ft-lb) for monolithic glass and 10 Nm (7.5 ft-lb) for laminated glass using a 8 mm hex key and a 24 mm wrench.
Mount nut No. 5 and washer No. 6.
Insert the thread axle into the support with spacer E (available on request), see technical page. Adjust the depth.
Mount the second washer No. 6, lock washer No. 7, and nut No. 8. Tighten to 60 Nm (45 ft-lb) using a 19 mm wrench.

SADEV recommends using thread locking compound whenever possible.