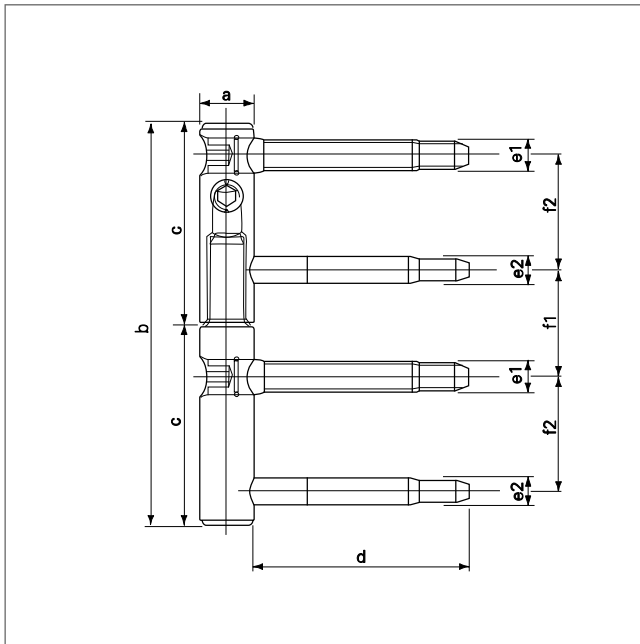
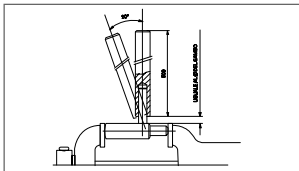


Technical data for hinge

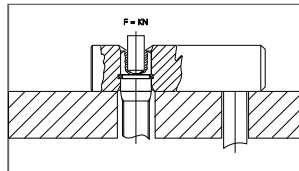


Art. 11R-15-003-GSS
Adjustable hinge

a:	15,0 mm
b:	112,0 mm
c:	56 mm
d:	60 mm
e1:	8,7 mm
e2:	7,6 mm
f1:	29 mm
f2:	32 mm



After bending the welded bolt through 20° the weld must remain intact (no fracture).



Load testing of threaded bolts. Male and female are fitted into the test device. A tensile load is applied with a force of 3,5 kN for 4 mins. To threaded bolt in the axial plane. After the test, it must still be possible to rotate the threaded bolt, with a force not exceeding 0,5N.

Raw material: Carbon Steel

Thread

Pitch: 1,80
Type: self-tapping

Surface treatment:

Zinc GSS
Zinc min. 5 micron

Corrosion resistance in accordance to standard UNI ISO 9227:

min. 640 hours

Test in accordance to UNI EN 1935

Durability test: 200.000 Cycles
Door mass: 40 Kg
Overload door mass: 120 Kg

Durability test

Measurements	Cycles	Later wear	Verticale wear
1	10.000	0,023	0,024
2	25.000	0,042	0,044
3	50.000	0,004	0,088
4	100.000	0,008	0,350
5	200.000	0,019	0,700

Initial frictional torque load test

Measurements	Opening angle	Friction
1	0°±5°	0,245
2	30°±5°	0,839
3	60°±5°	0,958
4	90°±5°	1,571

Designation in accordance to standards UNI EN 1935

2	7	2	1	1	4	0	7
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Product Management:

Signature:

Date 16.04.2010



ISO 9001 : 2008 Quality Management System

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