

Resist Pressure for a Safe Environment: the Pressure-Tight System and the 90° Redirect



01 Requirements

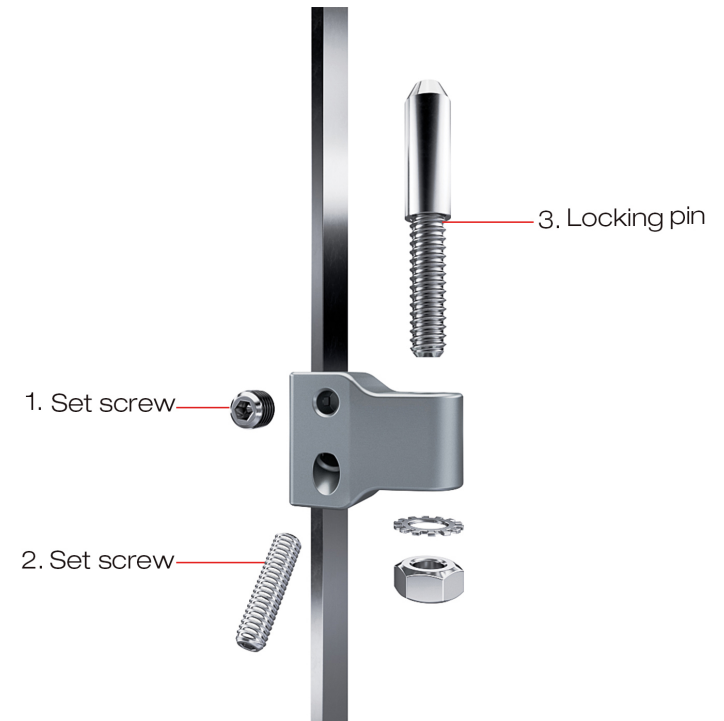
“If a hazardous situation arises due to overpressure, for example because of an internal arc, it must be ensured that a housing does not open uncontrollably and cause damage to the surrounding area. Resilient and reliable components are the only way to ensure safety, protection and functionality.

Our solution: with the specially secured Pressure-Tight System and space-saving 90° redirect for flat rods, DIRAK offers a latching system that was designed for these challenges.”

Thorsten Küster, Research and Development



02 Pressure-Tight System



Reliably safe

The new Pressure-Tight System from DIRAK offers reliable safety for installation on a flat rod through the use of 2 set screws.

1. set screw = pre-fixing
2. set screw = screw connection at a 45° angle provides the definitive fixing on the flat rod

The advantage: pre-fixing with the 1. set screw makes it possible to position the fitting correctly on the flat rod. When the 2. set screw is screwed in, part of the thread is screwed into the flat rod, which fixes the fitting in place definitively. There is positive-locking between the fitting and the flat rod.

This makes unintentional release impossible.

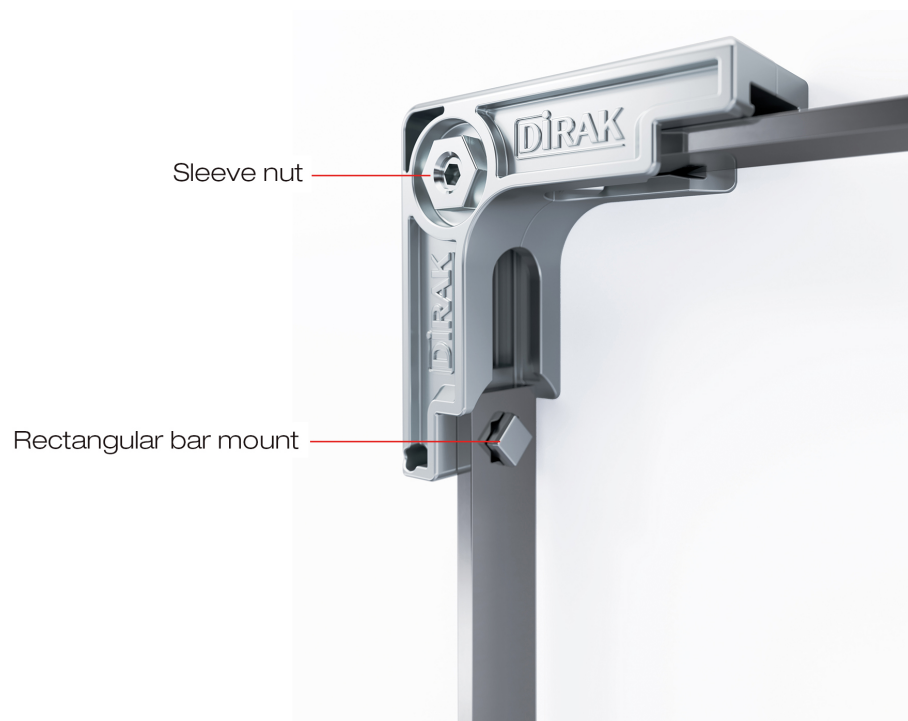
Stay flexible

Determine the number of latching points based on need and requirement.

Due to the symmetrical structure of the Pressure-Tight System, the assembly of the locking pin (3.) can be selected independently of direction.



03 Redirect



“Thinking around the corner”

The 90° redirect for use with flat rods can be installed even with limited space conditions due to its flat design.

The fastening option is on an M6 stud with sleeve nut (included with delivery).

Saves time

The rectangular bar mount allows for quick assembly, simply by attaching the flat rod at a 45° angle.

Reliable latching

The redirect transfers the entire 24mm stroke of the rod latch. Therefore the locking pin can drive deep and comfortable into the frame-part eye respectively the u-bracket and ensures a safe and reliable locking.

04 A Strong Team

The new 90° Redirect in combination with the new Pressure-Tight System is the perfect solution for securing housing doors variably and reliably.

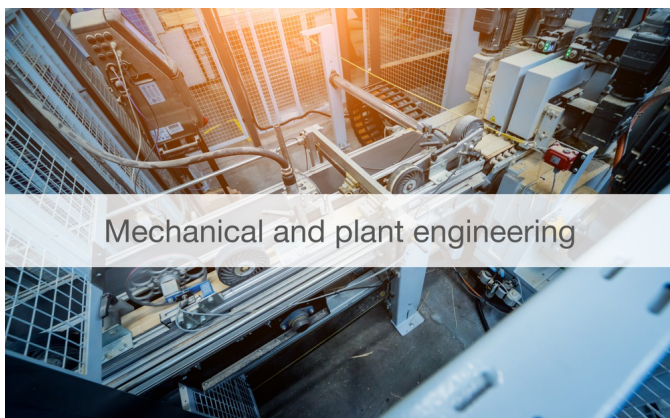
Due to the reduced design and use of flat rods, assembly is even possible on the outer edge of the door. That makes it possible to lock even large and heavy housing doors reliably and uniformly.

Did you know? The 90° Redirect can also be combined with conventional rod latches which use a double hook for latching.



05 Application Areas

Reliable and suitable for universal applications, the Pressure-Tight System with 90° Redirect for multi-point locking systems can be adapted to a wide range of different applications.



Interested?

We would be happy to become familiar with your application as well and find a solution that is tailor-made to meet your requirements.

Our contact information can be found on our website, simply click [here](#).

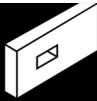
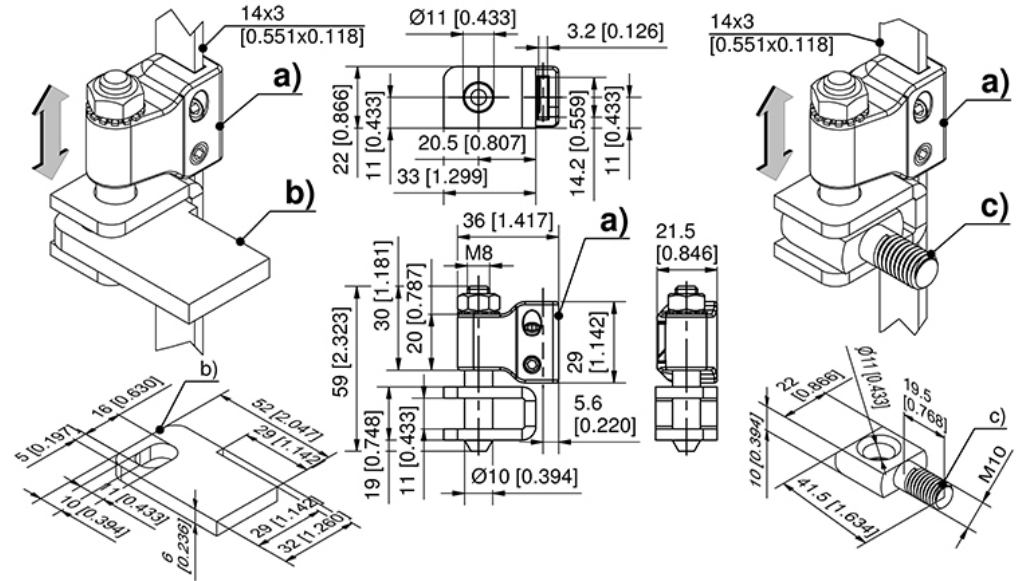
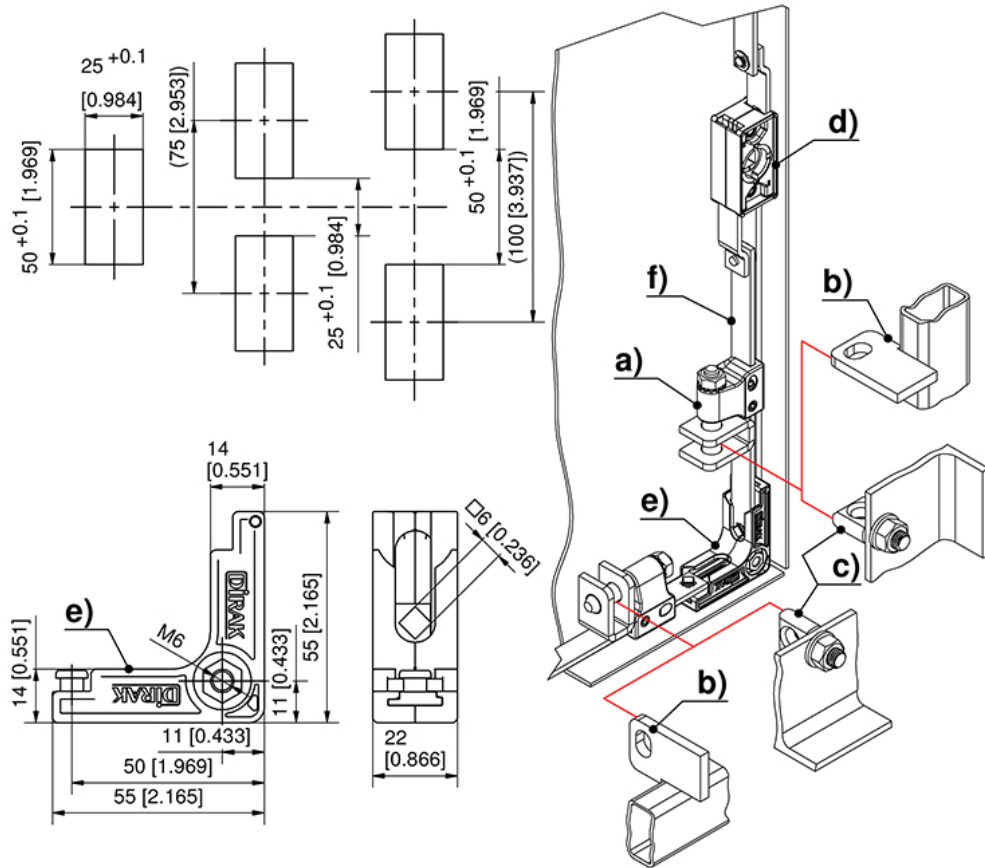


The best solution for every application

Are you looking for more product solutions for multi-point locking systems?

No problem, simply click [here](#) for further information.

06 Dimensions 1-451



Material

Connector: zinc die, untreated

Set screws, locking pin, serrated lock washer and hexagon nut: steel, zinc plated

U-bracket: steel, untreated

Remarks

a) Pressure-Tight System

b) Frame-part eye weld-on

c) Frame-part eye screw-on


d) Rod latch

e) Redirect



f) Flat rod

07 Order Options 1-451

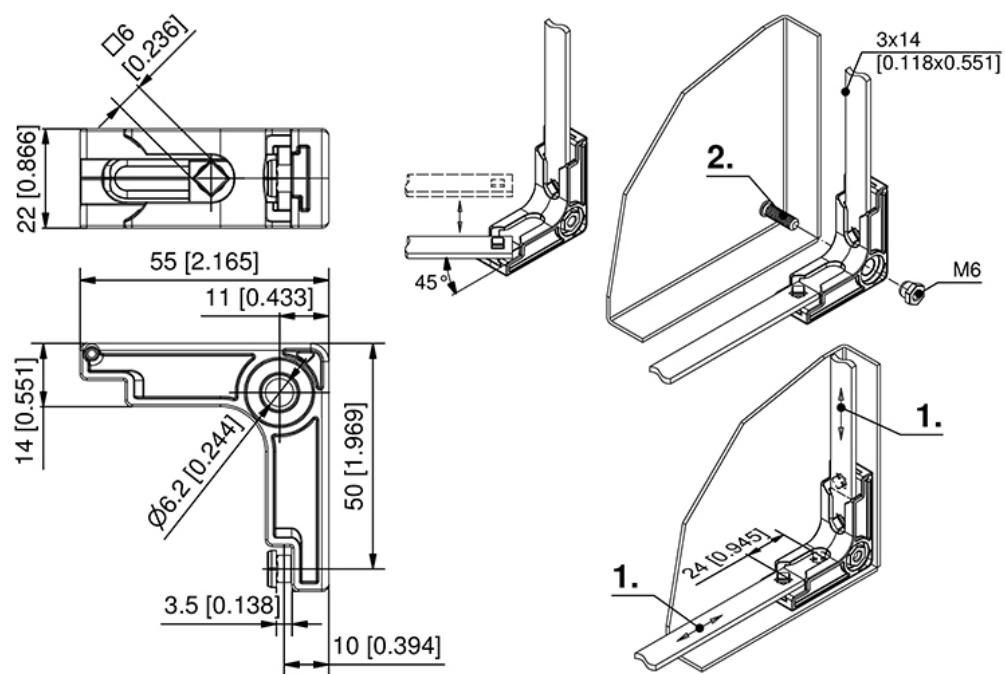
Pressure-Tight System FS

Product system	Part number	Rod type	Installation type	Link
1-451	215-9201.00-00000	Flat rod	Screw-on	

Specific accessories

Part number	Rod type	Installation type	Link
215-0213.00-00000	Frame-part eye	Weld-on	
215-0406.00-00000	Frame-part eye, M10 thread	Screw-on	

08 Dimensions 3-166



Material

Redirect: zinc die, zinc plated

Sleeve nut: steel, zinc plated


Spring plate: AISI 304

Remarks


1. Stroke 24mm
2. Fastening to locking pin M6. Sleeve nut included with delivery.

09 Order Options 3-166

90° Redirect FS

Product system	Part number	Rod type	Stroke	Installation type	Link
3-166	208-9932.00-00000	Flat rod	24 mm	Screw-on	

Accessories

Product system	Part number*	Name	Version	Installation type	Link
3-171	208-9844.00-Lxxmm	Flat rod	with rollers	Screw-on	

*Price and delivery time on request

¹⁰ Product Links

Product system 1-451

Product system 3-166

Contact



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