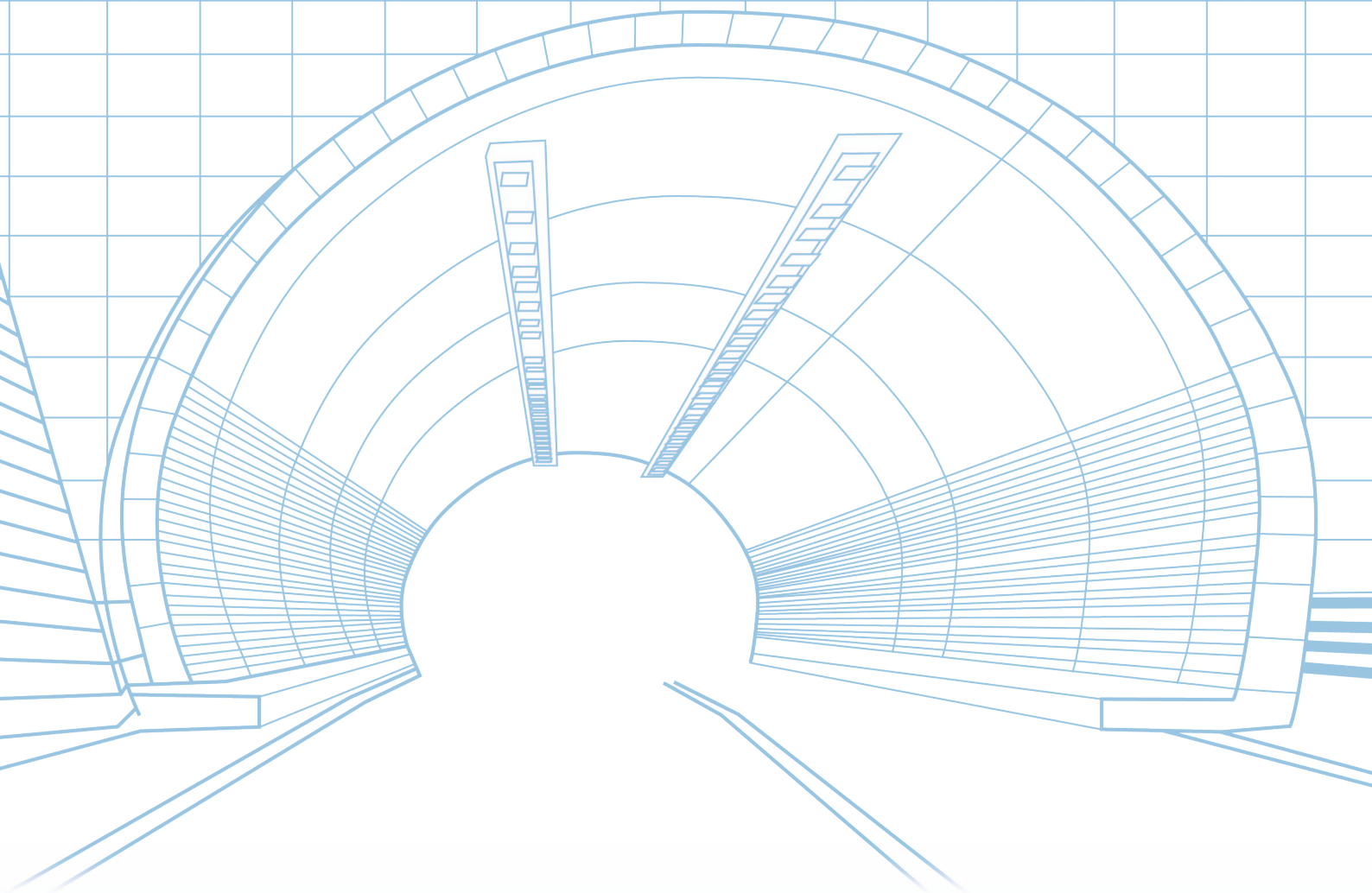


DIRAK[®]

 **METALIKA**
Locking systems **KACIN**
www.metalika-kacin.com



**Solutions for
Tunnel Safety Systems
and Traffic Control Systems**

Tunnel Safety Systems / Traffic Control Systems



Safety systems must enable operating personnel or people seeking protection to quickly access the system over its entire lifetime. The fittings used in these systems must guarantee resistance to corrosion and security against unauthorized access. It is therefore especially important that these fittings are made of exceptionally high quality materials. Stainless steels meeting the German standard 1.4401 (AISI 316) for steel qualities fulfill the minimum requirements.

In contrast to other types of systems, tunnel safety systems must meet much more demanding reliability

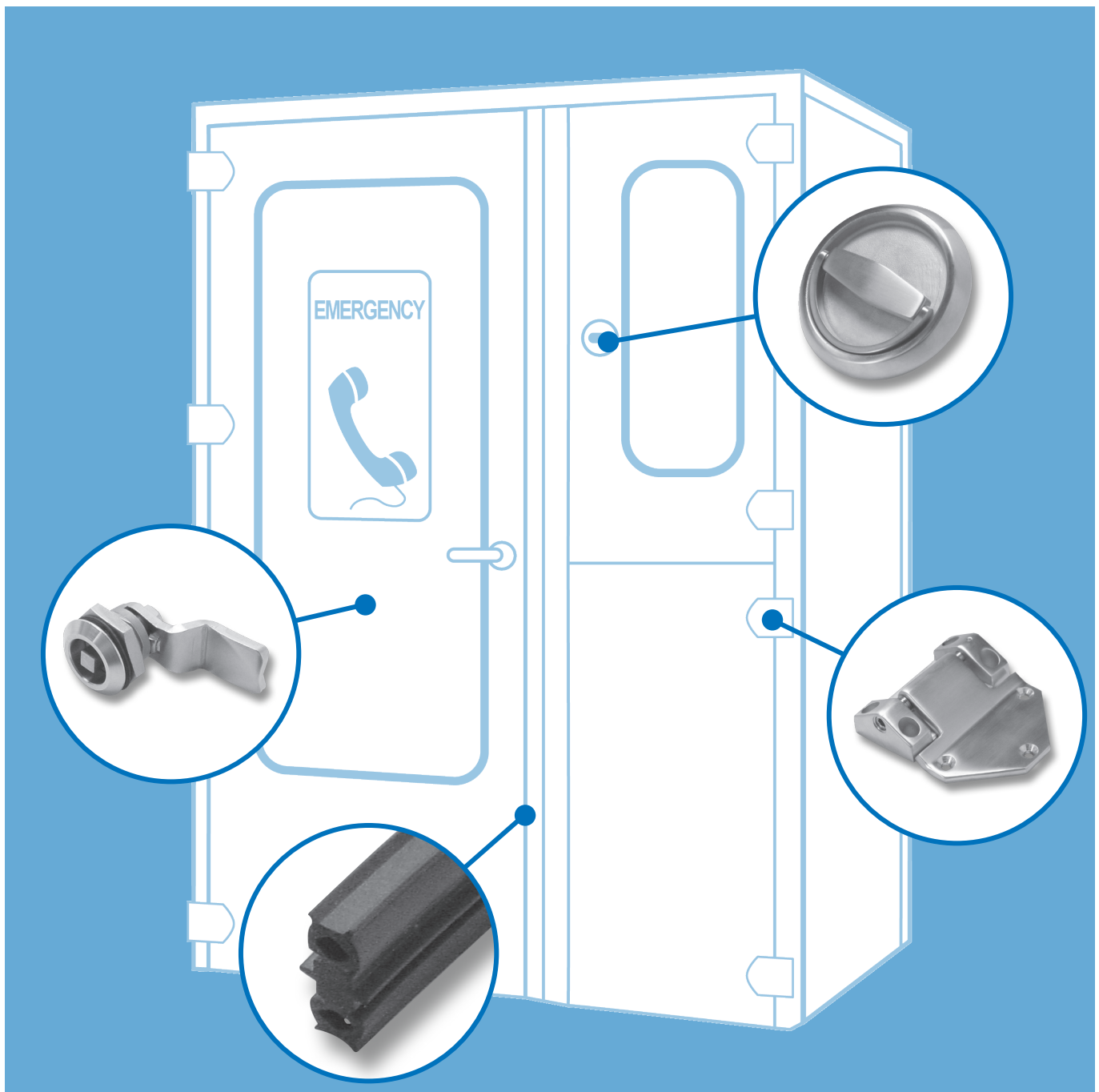
and safety requirements. Enabling people to rescue themselves in tunnel emergencies has highest priority, which is why new regulations mandate that escape routes and emergency facilities be placed closer together. It must be ensured that every emergency system always functions properly even after many years of service.

Environmental influences such as dust, acids and high wind pressures from passing vehicles place high demands on the hinges and latching systems of emergency facilities.



Our solutions made of special stainless steels (1.4571/ AISI 316Ti or 1.4529/AISI 316F) have been developed especially for these applications and are thus able to meet these high demands. If product solutions are required that go beyond what our catalog has to offer, DIRAK will also manufacture custom products with appropriate materials according to the customer's specifications.

This allows you to rest assured that the dimensions and surfaces of DIRAK products are resistant to environmental influences and are thus guaranteed to function over their entire service lives, particularly during emergency situations, which, hopefully, will never occur.



Various Examples Quarter-Turn Latches Pr20.1

The quarter-turn latches are available with various handles or inserts for many different unlocking tools. The cutout dimension is 20 mm. They are made of the 1.4571/AISI 316Ti material.

Gaskets 5-100

Extensive range of gaskets available for your special application.

Dish Handle PrA 7-072

The dish handle is designed to operate latches. The handle is water- and dust-tight to IP65 as per DIN EN60529. It is made of the 1.4571/AISI 316Ti material.

180° Hinge Pr01 7-225

The hinge is designed for nested doors. Its height can be adjusted by +/- 4 mm and it is a screw-on hinge installed from the outside. It is made of the 1.4571/AISI 316Ti material.

Standard Solutions for Traffic Control Systems

Also available in materials suitable for tunnel solutions.



Traffic control technology has been moving increasingly toward high-tech traffic control systems designed specifically to optimize the flow of traffic.

The latches used in such systems must reliably withstand environmental influences even after years of service.

Suitable solutions include, for example, the DIRAK quarter-turn latches made of 1.4401/AISI 316 quality

stainless steel. When maintenance must be performed, they ensure that personnel can quickly access the system without being hampered by corroded parts.

In combination with DIRAK Gaskets, they offer the operators of such systems long-term reliable protection of their investments in high-quality technology.



Swinghandles



Gaskets















Quarter-Turns with Cylinder



Concealed Hinges

Please request our complete Catalog to see our entire range of products.

	ROD-LATCHES 	SWINGHANDLES 	QUARTER-TURN HANDLE ELEMENTS 	DISH HANDLES 	QUARTER-TURNS 
	MATERIAL GRADE	AISI 316	AISI 316	AISI 316	AISI 316Ti
INSTALLATION	LH + RH Application	LH + RH Application	LH + RH Application	LH + RH Application	LH + RH Application
INSERT	More than 25 different inserts	More than 8 different inserts	Insert / Keys T-Handle L-Handle	Ring Handle	Insert / Keys Wingknob T + L Handle
LATCHING OPTIONS	Single-Point Multi-Point	Single-Point Multi-Point	Single-Point Multi-Point	Single-Point Multi-Point	Single-Point Multi-Point
FEATURES	Inside or Outside	Round or Flat Rods	Variety of options	Very high corrosion resistance	Vibration Proof
LOCKING OPTIONS	Insert	Profile Cylinder Padlock Kaba Cylinder	Without, Cylinder Keyed alike/mixed, Padlock	—	Without, Cylinder Keyed alike/mixed, Padlock
SEALING	IP65	IP65	IP65	IP65	IP65 IP66
APPLICATION	Exterior Applications, Medical Apparatus, Tunnel Security, Food Processing Machines	Exterior Applications, Design, Tunnel Security, Food Processing Machines	Medical Apparatus, Exterior Applications, Design, Off-Shore	Tunnel Security, Off-Shore	Medical Apparatus, Transportation, Wind Energy, Off-Shore
					

	HINGES 
MATERIAL GRADE	AISI 304 AISI 316 AISI 316Ti
INSTALLATION	Adjustable Screw-on Weld-on
OPENING ANGLE	90° to 270°
SURFACE MOUNTED AND NESTED/ FLUSH DOORS	Hinges visible Semi Concealed and Concealed hinges
APPLICATION	Food Processing Machines, Tunnel Security, Off-Shore, Exterior Applications, Medical Apparatus, Transportation
	