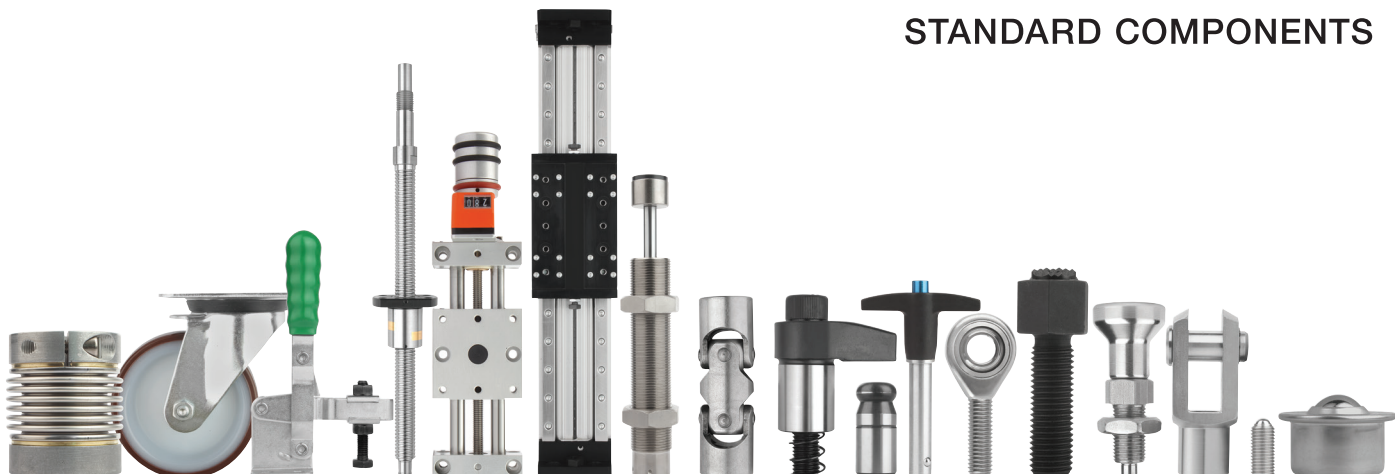


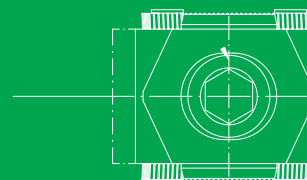
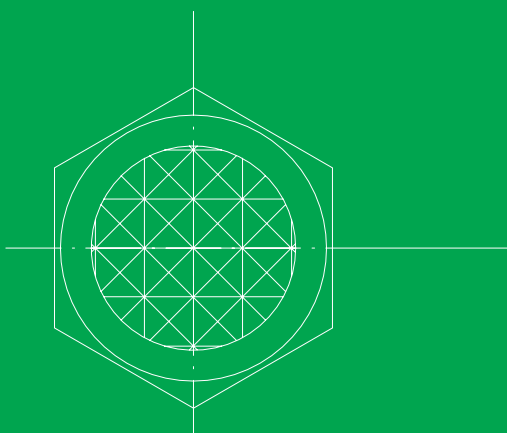
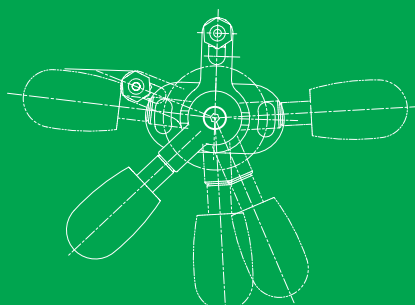
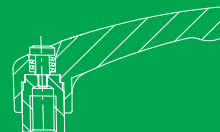
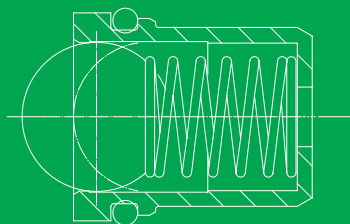
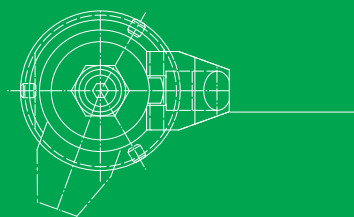


STANDARD COMPONENTS



PRODUCT OVERVIEW

2026/2027 EDITION



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140,000

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QUALITY
PARTS.

98 %

UP TO 98 %
AVAILABLE
IN STOCK.

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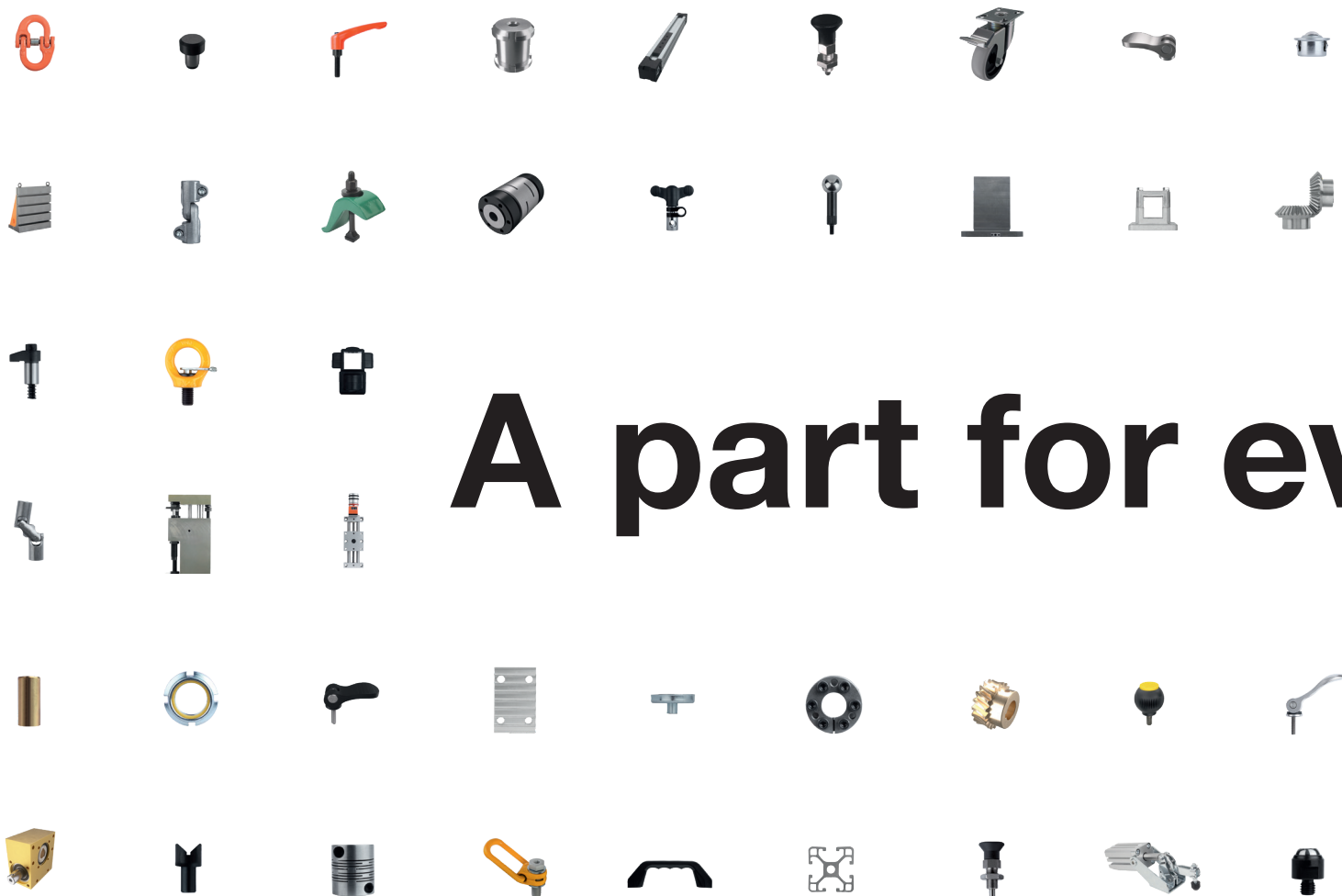
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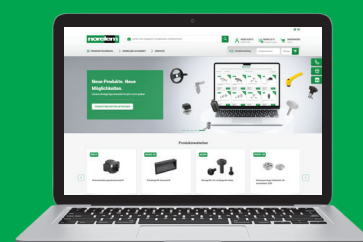
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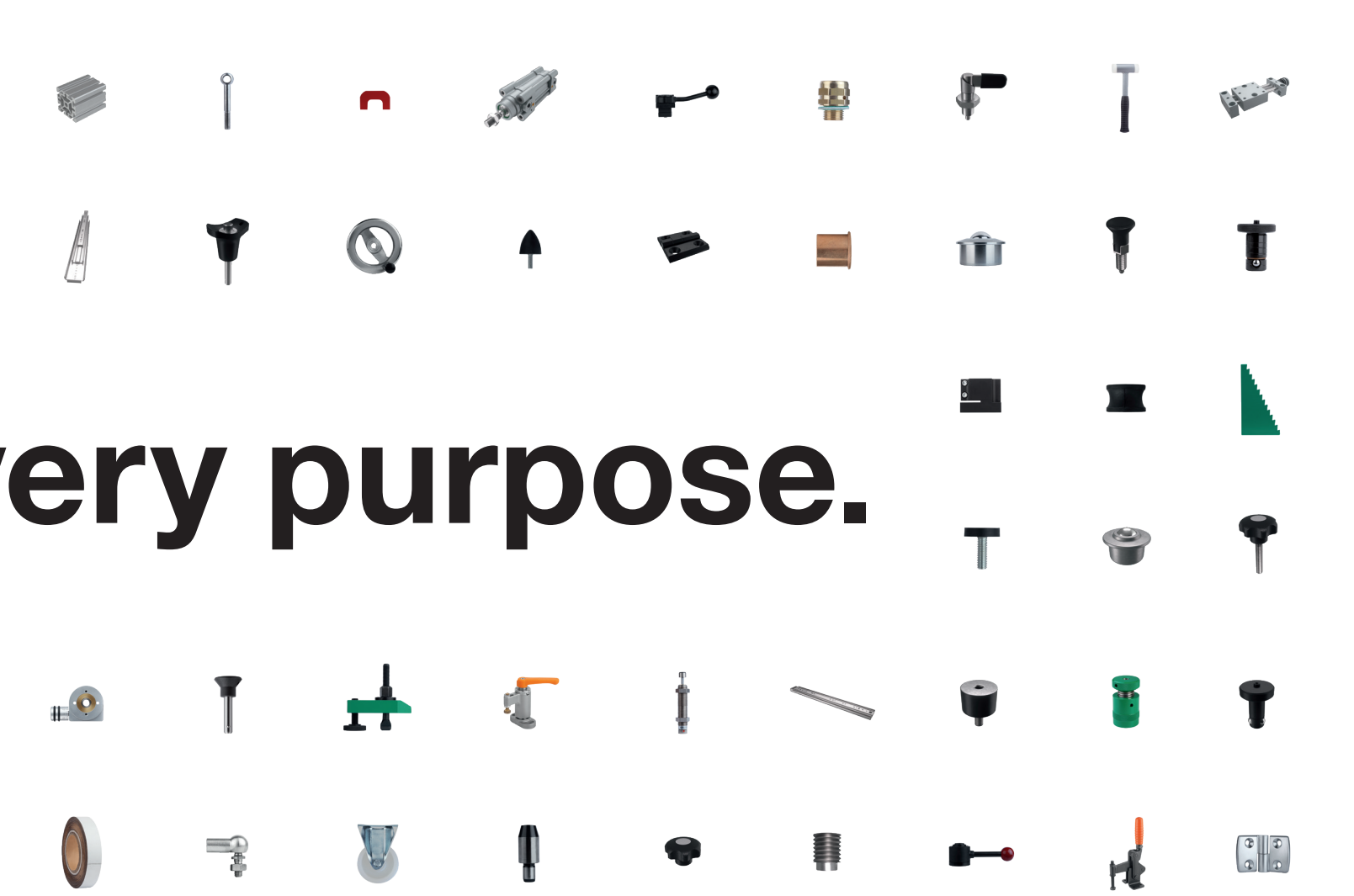


A part for every purpose.

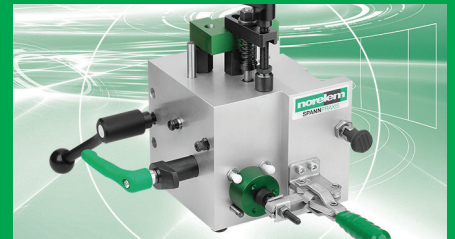
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every purpose.



Turning ideas into solutions

We stand for quality and decades of experience in mechanical and plant engineering, which we pass on to the designers of today and tomorrow through our norelem ACADEMY, offering practical knowledge.

Our bespoke product training courses bring you up to speed. With over 65 years' experience in standardized components, we provide practical knowledge and technical insights. We are happy to deliver these free training courses directly at your premises – flexibly, efficiently and tailored to your needs.

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YOU ARE FULLY COMMITTED TO YOUR PROJECT, **AND SO ARE WE.**

1

REALISING THE IDEA

In our customised range, you will quickly find exactly the right parts for your project



The largest selection



CAD data



Over 140,000 standard parts

2

WE ARE THERE

As a reliable partner for our customers, we provide proactive support.



Manufacturer & Supplier



2 production facilities



13 locations worldwide

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We ensure perfect goods and punctual delivery with our own quality management and modern logistics.



Website



State-of-the-art logistics



> 48 hr delivery

4

YOU'RE READY TO GO

Green light means: With norelem at your side, you can get started with your projects immediately.



Supply Chain Partner



since 1958



Over 40,000 customers

4 ICONS FOR A QUICK OVERVIEW.

Products in the Hygienic DESIGN range



The control elements and standard components in the Hygienic DESIGN range feature smooth surfaces, making it particularly easy to remove germs, product residues and other contaminants. Radii, transitions and additional angles are designed to prevent the formation of dead spaces, ensuring that they can be kept clean at all times.



Detectable products



The control elements, which are detectable by metal detectors either visually due to their blue-coloured plastic material – in accordance with EU 10/2011 and FDA standards – or through the use of special additives, allow for easy identification in sensitive environments such as food processing. This feature significantly reduces the risk of production downtime and customer complaints by providing a visual contrast or enabling detection by metal detectors – even in the case of small plastic fragments.



Antistatic products



These buttons, snap-action levers, wing handles and handles comply with the DIN EN 61340-5-1 standard and are marked with the yellow ESD logo. These products, which dissipate electrostatic discharges, can also be used in equipment, components and protective systems in potentially explosive atmospheres. They prevent the formation of sparks caused by electrostatic discharges and thus the risk of ignition of gases or dusts.



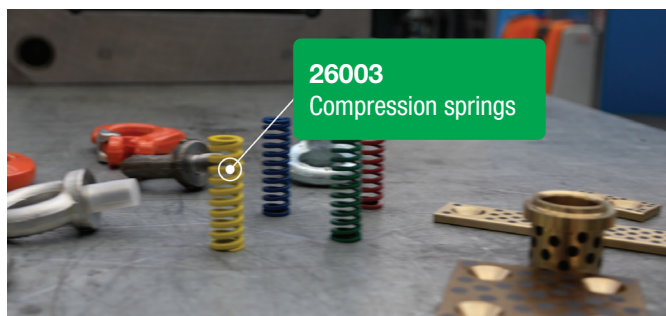
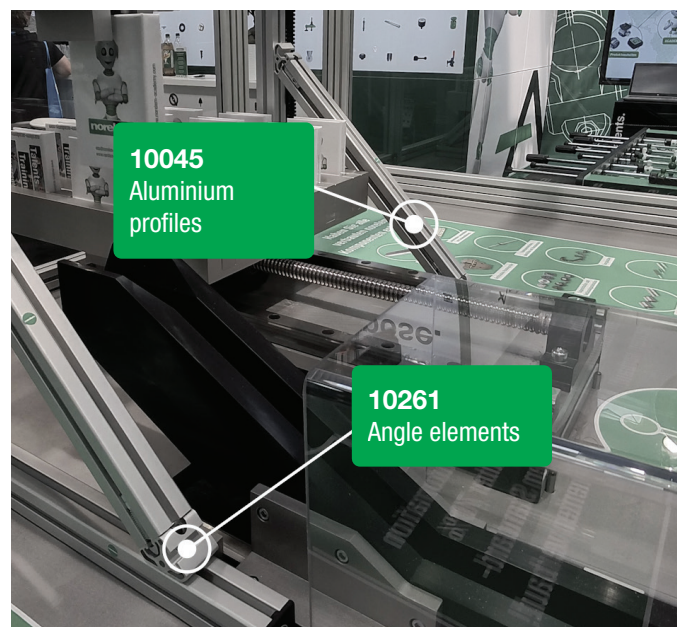
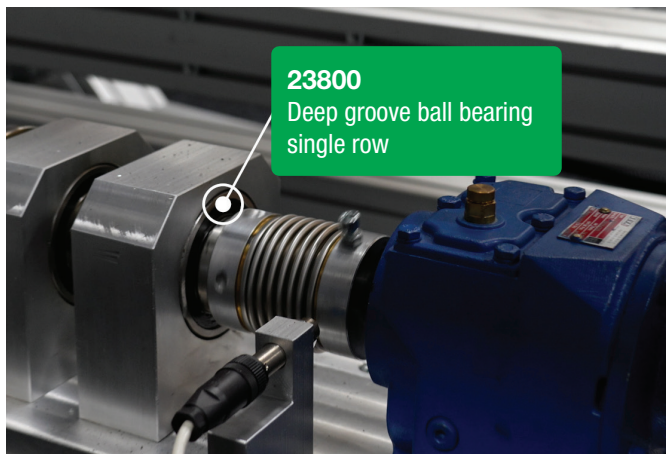
INCH products

The inch pictogram indicates all products that are also available in inch dimensions.



STANDARDISED COMPONENTS – THE IDEAL SOLUTION.

Whether it's jig and fixture manufacturing, custom machine construction or toolmaking – our product portfolio offers designers reliable solutions for a wide range of applications and industries.



CLEARLY STRUCTURED OUR PRODUCT GROUPS.

Our product range is clearly organised by application area and construction stage, making it quick and easy to select the right components.



norelem
positions.

Flexible
Standardised parts system



norelem
assembles.

Mounting system



norelem
moves.

Systems and components for
mechanical and plant engineering



norelem
measures.

Elements for
measuring and testing



norelem
clamps.

Clamping technology



norelem
controls.

Electromechanics



norelem
trans-
ports.

Conveying and
movement technology



norelem
techno
shop.

Technical accessories and equip-
ment for the production environment



norelem
inch.

Components and parts available
in imperial dimensions

01000



STANDARD COMPONENTS



Plates

Profiles

Circular plates

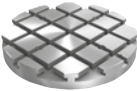
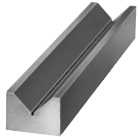
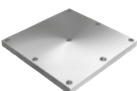
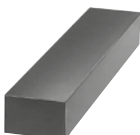
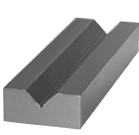
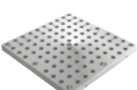
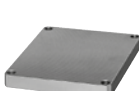
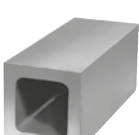
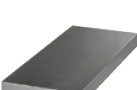
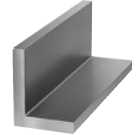
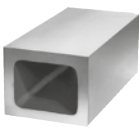
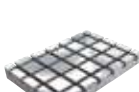
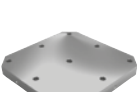
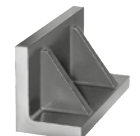
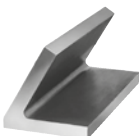
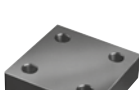
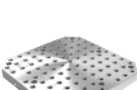
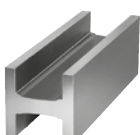
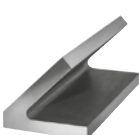
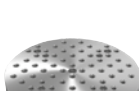
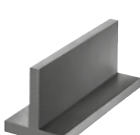
Add-on elements

Angle plates

Clamping cubes

norelem positions

Flexible standardised parts system

 01040 Baseplates, with T-slots, grey cast iron	 01126-10 Baseplates, round, grey cast iron, with T-slots	 01150 Subplates, machined all sides, grey cast iron	 01640 V-block, machined all sides, grey cast iron or aluminium
 01041 Baseplates aluminium, with T-slot	 01127 Interchangeable subplates, grey cast iron, with pre-machined clamping faces	 01160 Block, machined all sides, grey cast iron or aluminium	 01660 V-block, machined all sides, extra wide, grey cast iron
 + 01042 Baseplates aluminium, with tapped holes	 01127 Interchangeable subplates, grey cast iron, with grid holes	 01180 Baseplates, with flanges, grey cast iron	 01680 U-profiles, machined all sides, grey cast iron or aluminium
 01060 Baseplates, steel	 01130 Rectangular plates, precision steel	 01380 L-profiles, grey cast iron or aluminium	 01740 Square hollow profiles, grey cast iron
 01126 Baseplates, grey cast iron, with grid holes	 01140 Plates, grey cast iron or aluminium	 01440 L-profiles unequal, grey cast iron or aluminium	 01760 Rectangular hollow profiles, grey cast iron
 01126 Baseplates, grey cast iron, with T-slots	 01148 Subplates, grey cast iron, with pre-machined clamping faces	 01520 L profile, with reinforcing ribs, grey cast iron	 01780 Angle profiles 60°, grey cast iron
 01126-01 Connecting blocks	 01148 Subplates, grey cast iron, with grid holes	 01560 H-profiles, grey cast iron	 01820 Angle profiles 45°, grey cast iron
 01126-10 Baseplates, round, grey cast iron, with grid holes	 01148 Subplates, grey cast iron, with T-slots	 01580 T-profiles, machined all sides, grey cast iron or aluminium	 01280 Circular plates, steel

norelem positions

Flexible standardised parts system

**01320**Circular plates,
grey cast iron or
aluminium**01247-05**

Risers, Form D

**01251**Angle plates, grey
cast iron, wide, with
T-slots**01270**Tombstones, double-
sided, grey cast iron**01245**Angle plates, grey
cast iron, narrow,
with grid holes**01247-05**

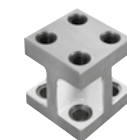
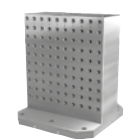
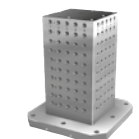
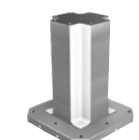
Risers, Form E

**01252**Angle plates,
aluminium**01857**Tombstones, grey
cast iron, double-
sided, with UNILOCK
zero-point clamping
system**01245**Angle plates, grey
cast iron, narrow,
with pre-machined
clamping faces**01247-05**

Risers, Form M

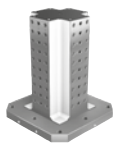
**01265**Tombstones,
double-sided**01850**

Clamping cubes

**01247-05**Tooling blocks, grey
cast iron, with pre-
machined clamping
faces**01247-06**Riser blocks, grey
cast iron, Form H,
short version**01265**Tombstones, grey
cast iron, double-
sided, with pre-
machined clamping
faces**01850**Clamping cubes, grey
cast iron, with pre-
machined clamping
faces**01247-05**Mini tooling blocks,
grey cast iron,
with pre-machined
clamping faces**01247-06**Riser blocks, grey
cast iron, Form H,
long version**01265**Tombstones, grey
cast iron, double-
sided, with grid holes**01850**Clamping cubes, grey
cast iron, with grid
holes**01247-05**Tooling blocks, grey
cast iron, with grid
holes**01250**Angle plates,
with or without
T-slots, cast iron**01265**Tombstones, grey
cast iron, double-
sided, with T-slots**01850**Clamping cubes, grey
cast iron, with T-slots**01247-05**Mini tooling blocks,
grey cast iron, with
grid holes**01251**Angle plates, grey
cast iron, wide,
with pre-machined
clamping faces**01267**Tombstones, window
frame**01852**Clamping cubes, grey
cast iron**01247-05**Fastening blocks,
Form M**01251**Angle plates, grey
cast iron, wide, with
grid holes**01267**Tombstone, grey cast
iron, double-sided,
for interchangeable
subplates**01854**Clamping towers,
grey cast iron,
4-sided, with pre-
machined clamping
faces

norelem positions

Flexible standardised parts system



01854

Clamping towers,
grey cast iron,
4-sided, with grid
holes



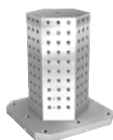
01854-10

Clamping towers,
4-sided, grey cast
iron, with grid holes,
for multi-clamping
systems



01855

Clamping towers,
grey cast iron,
6-sided, with pre-
machined clamping
faces



01855

Clamping towers,
grey cast iron,
6-sided, with grid
holes



01856

Clamping towers,
grey cast iron,
8-sided, with pre-
machined clamping
faces



01856

Clamping towers,
grey cast iron,
8-sided, with grid
holes



01857-10

Clamping towers,
grey cast iron,
3-sided, with
UNILOCK zero-point
clamping system



01857-20

Clamping towers,
grey cast iron,
4-sided, with
UNILOCK zero-point
clamping system

02000



STANDARD COMPONENTS



Self-aligning pads

Rest pads, locating pins

Extension pieces

Positioning feet

Workpiece supports

norelem positions

Flexible standardised parts system

02000

Self-aligning pads

**02008**

Self-aligning pads adjustable with O-ring and hexagon socket

**02020-01**

Locating pins ceramic similar to DIN 6321

**02150**

Rest pads adjustable with locknut

**02001**

Self-aligning pads swivel angle 14° and 20°

**02009**

Self-aligning pads adjustable with O-ring, exchangeable inserts and hexagon socket

**02025**

Locating pins with internal thread

**02153**

Rest pad steel or brass, rounded head

**02002**

Self-aligning pads with O-ring

**02080**

Self-aligning pads swivel 12°

**02026**

Locating bushes for locating pins

**02160**

Stops adjustable, stainless steel with status sensor

**02003**

Self-aligning pads with O-ring and exchangeable inserts

**02081**

Self-aligning pads, auto-return, with hexagon

**02027**

Rest pads pin form, internal thread

**02035**

Extension pieces

**02004**

Self-aligning pads self-righting

**02010**

Rest pad hardened and ground steel, without centring

**02027**

Rest pads pin form, external thread

**02035-01**

Extension pieces stainless steel

**02005**

Self-aligning pads adjustable

**02010-01**

Rest pads, ceramic

**02028**

Rest pad tempered and black oxidised steel

**02035-10**

Extension pieces

**02006**

Self-aligning pads adjustable with O-ring

**02015**

Rest pads with contact sensor

**02029**

Rest pads with positioning pin

**02030**

Feet with threaded pin, DIN 6320 (Edition 1971)

**02007**

Self-aligning pads adjustable with O-ring and exchangeable inserts

**02020**

Locating pins and rest pads DIN 6321

**02130**

Rest pad black oxidised, hardened and ground steel

**02040**

Steel positioning feet with hexagon, internal and external thread



norelem positions

Flexible standardised parts system

**02041**Positioning feet,
steel with hexagon,
external thread**02155**

Jack screws

**02210**Screw rest inserts
spherical, centring
disc, prism, locating
insert, revolving ball**02335**Workpiece support
cylinders**02050**Fixture feet
with external thread**02156**Supports stainless
steel**02270**

Step blocks

**02340**

Support element

**02070**Fixture feet
with internal thread**02156-02**Tapered attachment,
prism attachment,
flat attachment
for supporting,
stainless steel**02310**

Step block sets

**02341**Support elements,
hydraulic, screw-on
single-acting with
spring return**02090**

Locating feet

**02170**Screw rest
with flat face, steel**02320**

Levelling wedges

**02350**Rectangular support
elements**02110**

Swivel pads

**02171**Screw rest
with flat face,
stainless steel**02330**Support elements
cylindrical**02360**Support elements,
steel with slotted hole**02037**

Support bolts

**02180**Screw rest
with flat face,
aluminium**02333**Workpiece supports
adjustable**02380**

Workpiece supports

**02037-01**Jack screws
stainless steel**02182**Screw rest
with flat face and
magnetic foot,
aluminium**02334**Support elements
steel**02385**

Jack screws

**02038**

Clamp rests

**02190**Atlas jack
with locknut**02334-10**Support elements
automation
compatible**02387**

Inserts

norelem positions

Flexible standardised parts system

02388Jack screws
extended**02389-90**

Support pin steel

**02395-10**Adapter plates for
T-slots and grid
systems**02407**Claw clamp
for workpiece
stabiliser**02388-05**V-block, vertical with
2 holes**02390**

Eccentric supports

**02399**Workpiece stabiliser
set, with case**02408**Clamping balls with
cup, for workpiece
stabiliser**02388-05**V-block, vertical with
4 holes**02392**

Round supports

**02400**

Workpiece stabiliser

**02388-05**V-block, vertical with
2 holes, long**02392-05**

Block supports

**02401**Extension shafts
for workpiece
stabiliser**02388-05**V-block, vertical, with
2 holes, short**02394**

Locating supports

**02402**Fine adjustment
for workpiece
stabiliser**02388-05**

Split V-blocks

**02394-10**Stops, 4 sided for
T-slot and grid
systems**02403**Magnet
for workpiece
stabiliser**04211-09**Prisms, steel, for
chain clamp sets**02395**Seating blocks
adjustable**02404**Fastening set for
T-slot for workpiece
stabiliser**02389**Extensions for jack
screws**02395-05**Straps
for fixture
components**02405**Fastening set for
Zero Point Clamping
Technology for
workpiece stabiliser

03000



STANDARD COMPONENTS



Spring plungers

Ball catches, magnetic catches

Stops

Indexing plungers

Cam action indexing plungers,
barrel slide bolts

Locating pins

Positioning elements, systems

Centring clamps,
mandrel collets,
machinable collets

Ball lock pins, threaded lock pins

Accessories for indexing
plungers, cam-action indexing
plungers and ball lock pins

Parallels, systems

Slot keys for positioning

Dowels, parallel keys, extractors

Lateral spring plungers

norelem positions

Flexible standardised parts system

 03000 Spring plungers with slot and ball, steel	 03020 Spring plungers with status sensor	 03035 Spring plungers with hexagon socket and ball, stainless steel	 03050-01 Spring plungers with hexagon socket and flattened POM thrust pin, steel
 03001 Spring plungers with slot and ball, steel, with thread lock	 03021 Spring plungers with slot and thrust pin, steel, with thread lock	 03036 Spring plungers with hex socket and ball, stainless steel, with thread lock	 03051 Spring plungers with hex socket and POM thrust pin, steel, with thread lock
 03004 Spring plungers with slot and POM ball, plastic	 03025 Spring plungers with slot and thrust pin, stainless steel	 03040 Spring plungers with hexagon socket and thrust pin, long version	 03051-01 Spring plungers with hex socket and flat POM thrust pin, steel, with thread lock
 + 03008 Spring plungers with slot and ceramic ball, stainless steel	 + 03025 Spring plungers with status sensor, stainless steel	 03040 Spring plungers with hexagon socket and thrust pin, steel	 03055 Spring plungers with hexagon socket and thrust pin, stainless steel
 03010 Spring plungers with slot and ball, stainless steel	 03026 Spring plungers with slot and thrust pin, stainless steel, with thread lock	 03040-02 Spring plungers with hexagon socket and flattened thrust pin, steel	 03055-01 Spring plungers with hexagon socket and flattened thrust pin, stainless steel
 03011 Spring plungers with slot and ball, stainless steel, with thread lock	 03030 Spring plungers with hexagon socket and ball, steel	 03041 Spring plungers with hex socket and thrust pin, steel, with thread lock	 03056 Spring plungers with hex socket and thrust pin, stainless steel, with thread lock
 03014 Spring plungers with slot and stainless steel ball, plastic	 03031 Spring plungers with hex socket and ball, steel, with thread lock	 03041-01 Spring plungers with hex socket and flat thrust pin, steel, with thread lock	 03056-01 Spring plungers with hex socket and flat thrust pin, stainless steel, with thread lock
 03020 Spring plungers with slot and thrust pin, steel	 + 03033 Spring plungers with hexagon socket and ceramic ball, stainless steel	 03050 Spring plungers with hexagon socket and POM thrust pin, steel	 03058 Spring plungers with hexagon socket and POM thrust pin, stainless steel

norelem positions

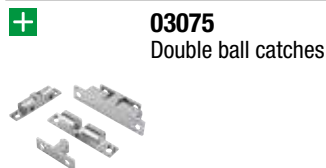
Flexible standardised parts system



03058-01
Spring plungers with hexagon socket and flattened POM thrust pin, stainless steel



03071
Spring plungers smooth version, plastic



03075
Double ball catches



03081
Clamp stops adjustable for slot profiles



03059
Spring plungers with hex socket and POM thrust pin, stainless steel, with thread lock



03072
Spring plungers smooth version without collar, stainless steel



03075-10
Ball catches



03083
Stops adjustable



03059-01
Spring plungers with hex socket and flat POM thrust pin, stainless steel, with thread lock



03073
Spring plungers with head and ball, steel or stainless steel



03075-10
Spacer for ball catch



03085
Screw stops adjustable



03060
Spring plungers with head and pressure pin, steel



03074
Spring plungers smooth version, double-sided



03075-10
Angle bracket for ball catch



03086
Stop screws



03065
Spring plungers with detent ring



03076
Spring plungers smooth version, self-clamping, plastic



03075-11
Magnetic lock



03087
Stop screw steel grade 10.9



03069
Locators



03077
Spring plungers smooth version



03075-11
Angle bracket for magnetic lock



03088
5D workpiece stops



03070
Spring plungers smooth version, extended, stainless steel



03078
Spring sleeves steel or stainless steel



03075-12
Door stops plastic for aluminium profile with buffer or with magnetic catch



03088-10
Workpiece stops, magnetic



03070
Spring plungers smooth version, stainless steel



03078-10
Spring sleeves double, steel or stainless steel



03080
Eccentric stops



03089
Indexing plungers, steel or stainless steel with plastic mushroom grip

norelem positions

Flexible standardised parts system

**03089**

Indexing plungers, steel or stainless steel, with plastic mushroom grip and thread lock

**03089**

Premium - Indexing plungers, steel or stainless steel with plastic mushroom grip and cylindrical indexing pin

**03090**

Indexing plungers, steel or stainless steel with plastic mushroom grip and cap

**03091**

Indexing plungers, steel with draw hook

**03089**

Indexing plungers, steel or stainless steel with plastic mushroom grip and extended indexing pin

**03089**

Premium - Indexing plungers, steel or stainless steel with plastic mushroom grip and tapered indexing pin

**03090**

Indexing plungers, steel with plastic mushroom grip and locked mark

**03092**

Indexing plungers, steel or stainless steel with threaded pin

**03089**

Indexing plungers, steel or stainless steel, short version with plastic mushroom grip

**03089**

Indexing plungers ECO, steel or stainless steel, with plastic mushroom grip

**03090**

Indexing plungers, steel or stainless steel with plastic T-grip

**03092**

Indexing plungers, steel or stainless steel with stainless steel pull ring

**03089**

Indexing plungers, steel or stainless steel, short version with plastic mushroom grip and thread lock

**03089**

Indexing plungers ECO, steel or stainless steel with plastic mushroom grip and thread lock

**03090**

Indexing plungers ECO, steel or stainless steel, short version with plastic mushroom grip

**03092-01**

Indexing plungers ECO, steel or stainless steel, with stainless steel pull ring

**03089**

Indexing plungers, stainless steel with stainless steel mushroom grip

**03089**

Indexing plungers, steel or stainless steel with plastic mushroom grip and lock

**03090**

Indexing plungers, steel or stainless steel with plastic cam lever

**03093**

Indexing plungers, steel or stainless steel, without collar, with plastic mushroom grip

**03089**

Indexing plungers, stainless steel with stainless steel mushroom grip and extended locking pin

**03089-05**

Indexing plungers, steel or stainless steel with plastic eyelet grip

**03090-01**

Indexing plungers, steel or stainless steel with status sensor and plastic mushroom grip

**03093**

Indexing plungers, steel or stainless steel, without collar, with plastic mushroom grip and extended indexing pin

**03089**

Indexing plungers, stainless steel short version with stainless steel mushroom grip

**03089-10**

Indexing plungers, steel or stainless steel with plastic mushroom grip, rotation lock and lead-in chamfer

**03090-20**

Indexing plungers, steel or stainless steel with plastic mushroom grip and status sensor, hardwired

**03093**

Indexing plungers, stainless steel, without collar, with stainless steel mushroom grip

**03089**

Indexing plungers, steel or stainless steel for thin-walled parts, with plastic mushroom grip

**03089-20**

Indexing plungers, stainless steel for Hygienic USIT® seal and shim washers, with stainless steel mushroom grip

**03090-30**

Indexing plunger, steel or stainless steel, short version with plastic cam lever

**03094**

Indexing plungers, steel or stainless steel without collar, with plastic mushroom grip and cap

norelem positions

Flexible standardised parts system

**03095**

Indexing plungers, steel or stainless steel, pneumatic

**03096-08**

Indexing plungers, stainless steel, for remote control, Bowden cable systems

**03098-20**

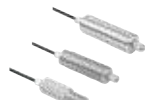
Indexing plunger mini steel or stainless steel with plastic mushroom grip

03099

Cam-action indexing plungers

**03095-01**

Indexing plungers, stainless steel, pneumatic

**03096-09**

Indexing plungers, stainless steel, for remote control with extended indexing pin, Bowden cable systems

**03098-40**

Indexing plunger mini, die-cast zinc with plastic mushroom grip and mounting flange

03099-10

Cam-action indexing plungers

**03096**

Indexing plungers, steel or stainless steel without collar, with threaded pin

**03096-10**

Indexing plungers, stainless steel with plastic mushroom grip and remote actuation

**03182**

Precision indexing plungers, steel with plastic spherical knob and tapered indexing pin

03099-11

Cam-action indexing plungers

**03096**

Indexing plungers, steel or stainless steel without collar, with stainless steel pull ring

**03096-40**

Indexing plungers, steel with plastic twist knob and tapered indexing pin

**03186**

Precision indexing plungers, steel with plastic spherical knob and cylindrical indexing pin

03099-12

Cam-action indexing plunger, with hexagon

**03096-07**

Actuating elements for remote control, stainless steel, with mushroom grip, Bowden cable systems

**03096-42**

Indexing plungers, steel with plastic twist knob and tapered indexing pin

**03190**

Indexing plungers, steel with plastic five lobe grip

03099-13

Cam-action indexing plungers, with thread lock

**03096-07**

Actuating elements for remote control, stainless steel with T-grip, Bowden cable systems

**03097**

Indexing plungers, steel or stainless steel, smooth version without collar, with plastic mushroom grip

**03190-10**

Indexing and clamping grips, steel with plastic star grip

03099-13

Cam-action indexing plungers, stainless steel with thread lock

**03096-07**

Actuating elements for remote control, stainless steel, with star grip, Bowden cable systems

**03098**

Indexing plungers, steel or stainless steel, smooth version without collar, with plastic mushroom grip and cap

**03191**

Indexing and clamping grips, steel with plastic star grip and optical lock indicator

03099-19

Cam-action indexing plungers, steel, with square sleeve

**03096-07**

Actuating elements for remote control, stainless steel, with clamping lever, Bowden cable systems

**03098**

Indexing plungers, steel or stainless steel, smooth version without collar, with stainless steel pull ring

**03099**

Cam-action indexing plungers

03099-19

Cam-action indexing plungers, stainless steel, with square sleeve



norelem positions

Flexible standardised parts system



03099-20
Cam action indexing
plungers, with stop



03099-21
Cam action indexing
plungers, stainless
steel, with stop



03102-15
Barrel locks with
return spring,
stainless steel,
bevel up or down



03112
Centring pins
for aligning hole



03099-22
Cam-action indexing
plungers, with stop



03099-22
Cam-action indexing
plungers, with stop,
stainless steel



03105
Locating pins
removable
Form A and C



03114
Centring pins
for aligning hole



03099-35
Cam-action indexing
plungers, steel, with
internal guide



03099-35
Cam-action indexing
plungers, stainless
steel, with internal
guide



03106
Locating pins
removable
Form B and D



03120
Positioning pins
cylindrical, ground



03099
Cam-action indexing
plungers, stainless
steel



03102
Barrel slide bolts



03107
Locating pins with
ball-end Form A



03130
Positioning pins
cylindrical
not ground



03099
Cam-action indexing
plungers, stainless
steel



03102-05
Barrel locks with
return spring, steel
or brass, bevel up or
down



03107
Locating pins with
flattened ball-end
Form C



03140
Positioning pins free-
milled, ground



03099-10
Cam-action indexing
plungers, stainless
steel



03102-06
Catch plates, steel or
brass, for barrel locks
with return spring



03108
Locating pins with
ball-end Form B



03150
Positioning pins free-
milled, not ground



03099-11
Cam-action indexing
plungers, stainless
steel



03102-10
Barrel locks with
return spring,
aluminium, grip to left
or right



03108
Locating pins with
flattened ball-end
Form D



03150-10
Locating bushings
for grid systems



03099-12
Cam-action indexing
plungers, stainless
steel, with hexagon



03102-11
Catch plate
aluminium, for barrel
locks, with return
spring



03110
Centring pins
for central hole

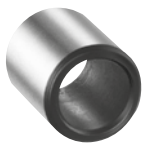


03150-10
Threaded bushings
for grid systems

norelem positions

Flexible standardised parts system

03150-11
Locating sleeve



03152-30
Centring flanges steel



03155-02
Locating bushes,
stainless steel
Form A (pressed in
from rear)



03161-10
Locating cylinder
stainless steel
pneumatic



03150-11
Protective plugs
aluminium



03153
Locating cylinder Ball
Lock



03156
Locating bushes
Form B (screwed
down from front)



03161-11
Locating bushes
stainless steel,
for locating cylinder,
pneumatic



03151
Locating pins
expanding



03153
Locating cylinders
Ball Lock, steel with
clamping lever



03156-02
Locating bushes,
stainless steel
Form B (screwed
down from front)



03161-15
Locating adapters,
cylindrical, stainless
steel, pneumatic



03152
Locating keys



03153
Locating cylinders
with quick clamping
system



03156-20
Locating cylinders
steel, with wedge
clamp system



03161-16
Locating adapters,
flange, stainless
steel, pneumatic



03152-10
Positioning cones,
steel for centring
units



03153-02
Locating cylinder,
stainless steel
Ball Lock



03156-20
Repair sets for
locating cylinders
with wedge clamp
system



03161-20
Centring clamp
stainless steel,
pneumatic



03152-11
Positioning bush steel
for centring units



03154
Centring bushes



03161
Locating cylinders,
steel, pneumatic with
tension spring



03162
Locating bushes,
nickel-plated steel,
for pneumatic
locating cylinder



03152-20
Centring sleeves steel



03154-02
Centring bushes
stainless steel



03161-02
Locating cylinders,
steel, pneumatic



03170
Positioning units
spring-loaded



03152-25
Centring guide steel



03155
Locating bushes
Form A (pressed in
from rear)



03161-03
Locating bushes,
hardened and black
oxidised steel, for
pneumatic locating
cylinders



03171
Positioning units



norelem positions

Flexible standardised parts system

03157
Mandrel collets



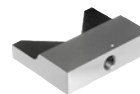
03160
Centring elements



03167
Adapter for collet



03180
Centring elements adjustable



03157-01
Replacement screw
for mandrel collets



03163
Machinable collets,
square



03168
Collet
for external clamping



03192-25
Clamping pin
stainless steel



03157
Mandrel collets
with side lock



03164
Centring clamps
round



03168
Collet
for internal clamping



+ 03191-90
Ball lock pins, steel,
heavy-duty version
with stainless steel
twist knob



+ 03157-10
Mandrel collet
for small bores



03164-05
Centring clamp, steel,
round



03169
Traction cone
for internal clamping
collet



+ 03191-91
Ball lock pins,
stainless steel,
retractable, heavy-
duty version with
stainless steel twist
knob



+ 03157-11
Mandrel collet for
small bores
for automated
clamping



03165
Centring clamps



03178
Positive clamping
system, for grid
plates



+ 03191-99
Ball lock pins,
stainless steel,
retractable with
stainless steel twist
knob



03157-15
Mandrel collets, steel,
with cam lever



03166
Clamping collets
machinable



03178-10
Machinable collets
pneumatic



03192
Ball lock pins, steel
or stainless steel,
without head, with
thread



03158
Centring clamps
with ball or hexagon
segments



03166
Mounting plates
for clamping collets



03179
Collets for external or
internal clamping



03192
Ball lock pins,
stainless steel, with
thread



03158
Centring clamps
with ball or hexagon
segments



03166-10
Machinable collet
for external clamping



03179
Tension cone for
internal clamping
collet



03192-01
Ball lock pins with
plastic or stainless
steel twist knob



norelem positions

Flexible standardised parts system

**03192-08**

Quarter-turn latches, stainless steel, heavy-duty version with plastic or stainless steel twist knob

**03195**

Locking pins, stainless steel with plastic mushroom grip

**03415**

Ball lock pins stainless steel

**03420**

Ball lock pins with plastic grip

**03192-10**

Quarter-turn latches, stainless steel with plastic or stainless steel twist knob

**03195**

Locking pins, steel with stainless steel key ring

**03415**

Ball lock pins with high shear strength

**03420**

Ball lock pins with plastic grip and high shear strength

**03192-15**

Push button latches, stainless steel

**03195**

Locking pins, stainless steel with stainless steel key ring

**03415-05**

Ball lock pins lockable

**03420**

Ball lock pins with plastic T-grip

**03192-30**

Locking pins, stainless steel with stainless steel mushroom grip

**03196**

Ball lock pins with aluminium L-grip

**03415-10**

Ball lock pins with head-end lock

**03420**

Ball lock pins with plastic T-grip and high shear strength

**03193**

Ball lock pins with plastic grip and metal or plastic collar

**03196**

Ball lock pins with aluminium T-grip

**03418**

Ball lock pins with stainless steel mushroom grip

**03420**

Ball lock pins with plastic L-grip

**03194**

Ball lock pins with stainless steel mushroom grip

**03400**

Locking pins, steel with folding latch

**03418**

Ball lock pins with stainless steel mushroom grip and high shear strength

**03420**

Ball lock pins with plastic L-grip and high shear strength

**03194**

Ball lock pins with stainless steel mushroom grip, pin hardened

**03410**

Locking pins, steel with axial lock

**03418-10**

Ball lock pins with stainless steel mushroom grip, adjustable

**03420-05**

Ball lock pins, lockable with plastic grip

**03194**

Ball lock pins with stainless steel grip ring

**03412**

Locking pins, stainless steel with plastic grip and magnetic axial lock

**03418-10**

Ball lock pins with stainless steel mushroom grip and high shear strength, adjustable

**03420-05**

Ball lock pins, lockable with plastic T-grip



norelem positions

Flexible standardised parts system

 03420-10 Ball lock pins with plastic grip and head-end lock	+  03430-05 Threaded locking pin steel or stainless steel with clamping force intensifier	 03096-20 Traction sleeves with inner tube	 03099-60 Positioning bushes, steel or stainless steel, with status sensor
 03420-10 Ball lock pins with plastic T-grip and head-end lock	 03089 Bushes, cylindrical, steel or stainless steel, for premium indexing plunger	 03096-25 End sleeves	 03099-61 Positioning bushes, steel or stainless steel, for status sensor
 03420-10 Ball lock pins with plastic L-grip and head-end lock	 03089 Bushes, tapered, steel or stainless steel, for premium indexing plunger	+  03096-30 Setscrews	 03184 Bushes, tapered, steel, for precision indexing plunger
 03422 Ball lock pins with die-cast zinc T-grip	+  03089 Spacer rings stainless steel	 03096-35 Screw nipples locked with grub screw	 03188 Bushes, cylindrical, steel, for precision indexing plunger
 03422 Ball lock pins with die-cast zinc T-grip and high shear strength	+  03094-10 Fastening set steel or stainless steel for thin-walled parts	+  03096-44 Bushes steel, tapered	+  03191-95 Locating bushes, steel, for ball lock pin
 03422 Ball lock pins with die-cast zinc L-grip	+  03096-14 Bowden cables for indexing plungers with remote actuation	+  03099 Mounting brackets	+  03192-02 Locating bushes for ball lock pin
 03422 Ball lock pins with die-cast zinc grip and high shear strength	+  03096-15 Wire cables with end piece	 03099 Mounting brackets, aluminium, for standard and cam-action indexing plungers	+  03192-03 Ball lock bushes
+  03430 Thread locking pin steel or stainless steel	+  03096-50 Bowden cable distributor for indexing plungers with remote actuation	 03099-50 Positioning bushes for indexing plungers	+  03192-03 Ball lock bushes with twist lock

norelem positions

Flexible standardised parts system

**03192-04**

Locking pin for ball lock bushes

**03197-05**

Locating bushes with collar, stainless steel for ball lock pins

**03425**

Locating bushes stainless steel, for ball lock pins

**03290**Carrier keys
DIN 2079**03192-05**

Locating bushes, stainless steel with status sensor, for ball lock pins with twist knob

**03197-15**

Locating bushes, stainless steel, with status sensor

**03200**Parallel blocks pair
DIN 6346**03288**Parallel keys
DIN 6885 A**03192-06**

Locating bushes, stainless steel for status sensor, for ball lock pins with twist knob

**03197-16**

Locating bushes, stainless steel, for status sensor

**03212**

Parallel block sets

**03288-01**

Parallel key, ceramic similar to DIN 6885 A

**03192-07**

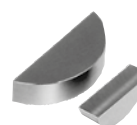
Locating bushes, stainless steel, floating, for ball lock pins

**03198**

Safety cable

**03220**

Positioning brackets

**03289**Woodruff keys
DIN 6888**03192-09**

Clamping pin, stainless steel, for quarter-turn latch

**03199**

Safety spiral cables

**03240**

T-slot keys

**03315**Roll dowel
heavy duty ISO 8752**03192-20**

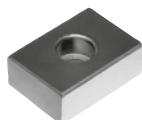
Spacer rings stainless steel for push button latches

**03199**

Key ring, stainless steel

**03250**

Slot keys

**03319**Tapered pins
ISO 2339, steel or stainless steel
Form B**03197**

Locating bushes for ball lock pins

**03199-01**

Key rings, stainless steel, oval

**03260**Slot keys loose
DIN 6323**03320**Cylindrical pins
DIN 6325**03197**

Locating bushes for ball lock pins, with thread lock

**03199**

Retaining cables

**03270**

Slot keys, with locating pin

**03320-01**Ceramic dowel pins
similar to DIN 6325

norelem positions

Flexible standardised parts system

03320-10

Dowel pins ISO 2338

**03331**

Eccentric bushes with centre bore

**03351**

Threaded clamping bushes

**03325**

Cylindrical pins with internal thread DIN EN ISO 8735

**03332**

Lateral spring plungers, without thrust pin

**03325-01**

Ceramic dowel pins with internal thread similar to DIN EN ISO 8735

**03334**

Lateral spring plungers, with threaded sleeve

**03328**

Extractors

**03336**

Lateral spring plungers, with threaded sleeve, without thrust pin

**03330**

Lateral spring plungers with aluminium sleeve and plastic or steel thrust pin

**03338**

Push-Pull spring plungers

**03330**

Eccentric bushes and assembly tools for lateral spring plungers

**03339**

Push-Pull spring plungers with rotation lock

**03330-01**

Lateral spring plungers with plastic spring

**03340**

Lateral spring plungers, steel, with plastic, steel or stainless steel ball

**03330-01**

Assembly tools for lateral spring plungers with plastic spring

**03350**

Shaft clamping units



04000



STANDARD COMPONENTS



Clamp straps

Chain clamps

Cam levers

Cam clamps

Swing clamps, floating clamps

Hook clamps, power clamps

Pull clamps

Fixture clamps,
fixture clamp screws

Side clamps

Wedge clamps

Other clamps, accessories

norelem positions

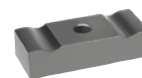
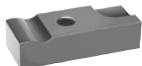
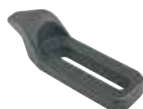
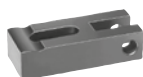
Flexible standardised parts system

04010

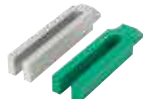
Clamp straps

**04081**

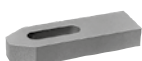
Clamp straps with flattened ball

**04150**Clamp straps open U
DIN 6315 C,
round pin, steel or
aluminium**04190**Clamp straps
double sided**04030**Clamp straps
swivel-heel**04088**Clamp straps
gooseneck
narrow, steel**04152**Clamp straps
pin-end**04191**Clamp straps
double-sided, 90°
swivelling**04050**Clamp straps,
adjustable**04090**Clamp straps
gooseneck
DIN 6316 wide, steel
or aluminium**04155**Clamping units, with
pin-end clamp strap**04192**Clamp straps with
screws**04055**Clamp straps,
adjustable**04100**Clamp straps
gooseneck**04160**Riser blocks
Form P**04193**Clamp straps,
adjustable, goose-
neck with screws**04056**Clamp straps,
adjustable**04110**Clamp straps open U
DIN 6315, steel or
aluminium**04170**Clamp straps
hinge heel**04195**

Clamp springs

**04060**Clamp straps
with force sensor**04130**Clamp straps open U
flat pin, steel or
aluminium**04185**Clamp straps mini
double sided**04200**Clamp straps with
adjustment unit**04070**Clamp straps
stepped-heel, steel or
aluminium**04131**Clamp straps open U
with pin and
protective insert**04188**

Clamp straps

**04203**Clamp straps,
adjustable**04080**Clamp straps, flat,
similar to DIN 6314,
steel or aluminium**04140**Clamp straps
pivot, strap only or
assembly**04189**Clamp straps
double-ended**04204**Heel supports,
adjustable
for clamp straps

norelem positions

Flexible standardised parts system

 04205 Clamp straps, adjustable	 04232 Cam levers, aluminium, with internal and external thread, plastic/metal thrust washer and steel or stainless steel stud	 04233 Cam levers, plastic, adjustable with external thread, plastic-metal thrust washer and steel or stainless steel stud	 + 04233-06 Cam levers, plastic, adjustable with external thread, plastic thrust washer and steel or stainless steel stud
 04210 Clamp straps hinge heel with bolt slot	 04232 Cam levers, steel, with internal and external thread, plastic-metal thrust washer and steel stud	 04233 Cam levers, aluminium, adjustable with external thread, plastic-metal thrust washer and steel or stainless steel stud	 + 04233-08 Cam levers, steel, adjustable with external thread, plastic thrust washer and steel stud
 + 04211 Chain clamp sets, steel	 04232 Cam levers, stainless steel, with internal and external thread, plastic-metal thrust washer stainless steel stud	 04233 Cam levers, steel, adjustable with external thread, plastic-metal thrust washer and steel stud	 + 04234-90 Stainless steel washer for cam lever
 + 04211-03 Roller chains, steel, for chain clamp sets	 + 04232 Cam levers, stainless steel with internal or external thread, thrust washer and stud stainless steel	 04233 Cam levers, stainless steel, adjustable with external thread, plastic-metal thrust washer and stainless steel stud	 04250 Hinge pins steel or stainless steel
 + 04211-06 Turnbuckles, steel, for chain clamp sets	 + 04232-10 Cam levers, aluminium with internal or external thread, plastic thrust washer and steel or stainless steel stud	 + 04233 Cam levers, stainless steel, adjustable with external thread, thrust washer and stud stainless steel	 04270 Spacer bolts
 04211-09 Prisms, steel, for chain clamp sets	 + 04232-12 Cam levers, stainless steel with internal or external thread, plastic thrust washer and stainless steel stud	 + 04233 Cam levers, stainless steel, adjustable with external thread, thrust washer and stud stainless steel	 04290 Cam levers single
 + 04211-09 Prisms, steel, for chain clamp sets	 + 04232-14 Cam levers, plastic with internal or external thread, plastic thrust washer and steel or stainless steel stud	 + 04233-02 Cam levers, aluminium, adjustable with external thread, plastic thrust washer and steel or stainless steel stud	 04310 Cam levers double
 04232 Cam levers, plastic, with internal and external thread, plastic-metal thrust washer and steel or stainless steel stud	 + 04232-16 Cam levers, steel with internal or external thread, plastic thrust washer and steel stud	 + 04233-04 Cam levers, stainless steel, adjustable with external thread, plastic thrust washer and stainless steel stud	 04330 Cam clamps with end lock

norelem positions

Flexible standardised parts system

04350Cam clamps
with middle lock**04423**

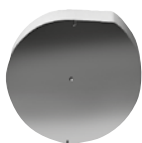
Floating clamps, steel

**04366**

Swing clamps

**04395-11**Clamping screw with
clamping ring for
flexible clamping bolt**04360**

Spiral cams

**04363**Swing clamps
mini, with cam lever**04368**Swing clamps,
hydraulic, compact
double / single-acting
with spring return**04395-12**Clamping ring for
flexible clamping bolt**04431-10**

Cam clamps steel

**04364**

Swing clamps mini

**04368-10**Clamping arm
for compact hydraulic
swing clamps**04395-13**Extensions for flexible
clamping bolt**04431-12**Cam clamps, steel
with tension lever**04364-01**Swing clamps mini
with locking function**04368-20**Swing clamps,
hydraulic
double / single-acting
with spring return**04395-14**Slot straps for flexible
clamping bolt**04431-15**Clamping plates
stainless steel
for cam clamp**04364-05**Swing clamps, heavy
duty, extended
clamping travel
automation
compatible**04368-30**Clamping arm
for hydraulic swing
clamps**04624-19**Rotary lever clamps,
pneumatic
double-acting**04420**

Floating clamps

**04364-10**Swing clamps, heavy
duty
automation
compatible**04366**Clamping arms
for swing clamp**04624-20**Rotary lever clamps,
hydraulic
double / single-acting
with spring return**04421**Floating clamps
with separate
workpiece clamp and
interlock**04364-15**Swing clamps, heavy
duty, extended
clamping travel,
with collar
automation
compatible**04390**

Swing clamps

**04624-30**Tension levers for
rotary lever clamps**04422**Clamping jaws
for floating clamps**04365**Swing clamp
pneumatic**04395-10**

Clamping bolt flexible

**04624-40**Link clamps,
hydraulic
double-acting

norelem positions

Flexible standardised parts system

04370

Hook clamps

**04371**

Hook clamp with collar with long clamping claw

**04375**

Hook clamp holders



+

04627-05

Risers with quick lock for compact power clamps

**04370**

Hook clamp with long clamp strap

**04371**

Hook clamp with collar with long clamping claw

**04378**

Riser bars, steel, for hook clamps



+

04627-10

Thrust pad sets for compact power clamps

**04370**

Hook clamps with protective insert

**04371**

Hook clamp with collar and clamping lever with clamping force intensifier



+

04378-50

Intermediate support for hook clamps



+

04629

Power clamps



+

04370

Hook clamp with long clamping claw and tapped hole

**04371**

Hook clamp with collar and clamping lever with clamping force intensifier

**04379**

Hook clamp holders

**04629-10**

Power clamps 3 stage

**04371**

Hook clamps with collar

**04372**

Hook clamps

**04380**

Precision hook clamp

**04630**

Risers for power clamps

**04371**

Hook clamps with collar

**04373**

Hook clamps with collar

**04620**

Down-thrust clamps



+

04631

Thrust pads for power clamps

**04371**

Hook clamps with collar and cam lever

**04374**

Hook clamps with mounting bracket

**04625**

Compact clamps



+

04631-01

Thrust pads, plastic for power clamps

**04371**

Hook clamps with collar and cam lever

**04374**

Hook clamp with mounting bracket with extended clamping claw



+

04627

Power clamps compact

**04400**

Clamping pins



norelem positions

Flexible standardised parts system

	04400 Clamping pins (high force)		04401-20 Extension unit		04430-10 Clamp cam brass		04434 Cam screws with knife edge washer
	04400 Clamping screws		04402 Thrust clamps		04431 Fixture clamps machinable		04434-10 Cam screws with clamping lever
	04400 Clamping screws (high force)		04403 Pull clamps pneumatic		04431-05 Clamping cams		04435 Cam screws with hexagon washer
	04400 Pull clamps		04403-01 Draw bolts for pneumatic pull clamps		04431-10 Cam clamps steel		04435-10 Cam screws with clamping lever
	04400 Pull clamps (high force)		04410 Clamping element "actima"		04431-12 Cam clamps, steel with tension lever		04436 Cam screws with hexagon washer, for T-slots
	04401 Pull clamps automation capable		04624-50 Block cylinders, hydraulic with metal wiper double / single acting with spring return		04431-15 Clamping plates stainless steel for cam clamp		04437 Cam clamps with riser
	04401-05 Clamping screw for automation capable pull clamps		04624-60 Screw-in hydraulic cylinders double-acting		04432 Fixture clamps unequal hexagon		04439 Toe clamps for T-slots
	04401-10 Pull clamp with integrated clamping screw automation capable		04624-70 Screw-in hydraulic cylinders single-acting with spring return		04433 Spiral cam screws		04440 Talon grips

norelem positions

Flexible standardised parts system

04440

Talon grips round

**04461**Side clamps
with support**04470-05**Toe clamps
adjustable**04480**Side clamps, steel,
flat with elongated
holes**04441**

Chock clamps

**04462**

T-slot clamp, steel

**04470-05**Toe clamps
adjustable**04482**

Toe clamps

**04444**Cam clamps
adjustable
with riser**04469**

T-slot clamp

**04470-05**

Rack plates

**04485**Side clamps
with rest pad**04445**

Riser stops

**04470**

T-slot clamps

**04470-05**Toe stops, steel,
adjustable, stepped
with serrated jaw
face**04486**Clamping element
with grip insert
for draw-down
clamping system**04521**

Toe clamps compact

**04470**T-slot clamps, steel
(set)**04470-05**Toe stops, steel,
adjustable, stepped
with ground jaw face**04486-01**Fixed stop with grip
insert
for draw-down
clamping system**04521-10**Replacement screw
for cam screws**04570**

Toe clamps

**04470-05**Toe stops, steel,
adjustable, with
serrated jaw face**04486-02**Clamping element
with swivel insert
for draw-down
clamping system**04450**

Low-profile clamps

**04470-05**Toe clamps
adjustable, stepped**04470-05**Toe stops, steel,
adjustable, with
ground jaw face**04486-03**Fixed stop with swivel
insert
for draw-down
clamping system**04460**Side clamps, steel,
for T-slots**04470-05**Toe clamps
adjustable, stepped**04472**Flat clamps
with cam**04486-04**Adapter plates for
draw-down clamping
systems

norelem positions

Flexible standardised parts system

**04486-05**
Adapter rings**04520**
Side clamps, steel
with tension lever
and slot key**04578**
Side clamps, steel
with double clamping
claw**04451**
Wedge clamps with
fixed jaw**04500**
Side clamps robust**04530**
Side clamps, ductile
iron, with elongated
holes and steel jaws**04579**
Side clamps**04521**
Toe clamps compact**04500-01**
Fixed jaws for robust
side clamps**04540**
Side stops**04579-10**
Side clamps
automation
compatible**04522**
Wedge clamps with
aluminium channel**04500-10**
Robust side clamps,
steel, flat**04562**
Side clamps and side
stops, steel**04580**
Side clamps, steel
with clamping point**04523**
Wedge clamps with
aluminium channel
and machining
allowance**04509**
Side clamps, steel
with elongated holes,
jaws serrated**04570**
Toe clamps**04610**
Swivel hold-down
clamps
mini, with cam lever**04524**
Wedge clamps
jaw face smooth or
serrated**04515**
Side clamp
with cam**04571**
Flat clamps**04623**
Side clamps
pneumatic**04524**
Wedge clamps, steel,
with machining
allowance**04516**
Side clamps, steel
with tension lever and
slotted hole**04571-10**
Flat clamp, steel
for T-slot**04624**
Hold-down clamps
pneumatic**04525**
Wedge clamps
jaw faces serrated**04518**
Side clamps, steel
with tension lever and
centring bush**04575**
Side clamps, steel
with clamping claw**04624-10**
Side clamps,
hydraulic
single-acting with
spring return**04526**
Wedge clamps, steel
with machining
allowance, jaw faces
ground or serrated

norelem positions

Flexible standardised parts system

04527

Wedge clamps double
jaw faces serrated



04753

Clamping pins, steel,
height-adjustable



04567

Wedge clamps, steel,
with wedge faces



04754

Clamping pin, steel or
stainless steel
with washer



04362

Door latch



04755

Clamping pin, steel or
stainless steel
with clamping angle



04395

Clamping bolt steel



04756

Clamping pin, steel or
stainless steel
with adapter plate



04430

Clamping element
"arness"



04757

Pivot bearing, steel
with external thread



04750

Clamp nuts



04758

Plate, steel
open



04751

Clamp nuts with star
or T-grip



04759

Angle, steel
open



04752

Tightening screws



05000



STANDARD COMPONENTS



Toggle clamps

Push-pull toggle clamps,
manual clamps

Toggle clamp accessories

Pneumatic clamps

Latches, swing screws

Accessories for latches

Snap locks

Quarter-turn locks

Accessories for quarter-turn
locks

Swivel grips

Accessories for swivel grips

Compression latches

norelem positions

Flexible standardised parts system

05020Toggle clamps
vertical
with horizontal foot**05120**Toggle clamps
horizontal
large version**05700-15**Toggle clamps
vertical
with straight foot and
adjustable clamping
spindle**05720-01**Toggle clamps
vertical
with flat foot and
fixed clamping
spindle**05020**Toggle clamps
vertical
with horizontal foot
and full clamping
lever**05130**Toggle clamps
horizontal
with straight foot**05705-01**Toggle clamps
vertical
with straight foot
and fixed clamping
spindle**05827-02**Latch clamps, steel
or stainless steel,
horizontal, heavy-
duty version with
catch plate and
safety interlock, up to
34000N**05020**Toggle clamps
vertical
with horizontal foot,
large version**05140**

Toggle mini clamps

**05705-05**Toggle clamps
vertical
with straight foot and
full holding arm**05725-01**Toggle clamps
vertical
with flat foot and full
holding arm**05040**Toggle clamps
vertical
with straight foot**05300**Toggle clamps
variable horizontal
with horizontal foot**05715-01**Toggle clamps
vertical
with flat foot and
adjustable clamping
spindle**05725-90**Toggle clamps, steel,
horizontal with angled
foot and adjustable
clamping spindle
1000N**05040**Toggle clamps
vertical
with straight foot and
full clamping lever**05302**Toggle clamps
variable vertical
with horizontal foot**05715-05**Toggle clamps
vertical
with flat foot and
adjustable clamping
spindle**05730-01**Toggle clamps
vertical
with angled foot and
adjustable clamping
spindle**05060**Toggle clamps
vertical
with angled foot**05400**Toggle clamps heavy
duty
vertical**05715-10**Toggle clamps
vertical
with flat foot and
adjustable clamping
spindle**05735-01**Toggle clamps
vertical
with angled foot
and fixed clamping
spindle**05080**Toggle hook clamps
and catch plate**05420**Toggle clamps heavy
duty version
straight foot**05715-11**Toggle clamps, steel,
black, vertical with
horizontal foot and
adjustable clamping
spindle**05740-01**Toggle clamps
vertical
with angled foot and
full holding arm**05120**Toggle clamps
horizontal
with horizontal foot**05700-10**Toggle clamps
vertical
with straight foot and
adjustable clamping
spindle**05715-20**Toggle clamps mini
vertical
with flat foot and
fixed clamping
spindle**05741**Toggle clamp
horizontal
with angled foot and
adjustable clamping
spindle

norelem positions

Flexible standardised parts system

**05741-10**

Toggle clamps, steel, horizontal with full retaining arm, 4500N

**05775-04**

Toggle clamps, steel, black, horizontal with horizontal foot and adjustable clamping spindle

**05815-05**

Toggle clamps pivot jaw

**05827-05**

Latch clamps, steel, horizontal, heavy-duty version with catch plate and red plastic grip

**05750-01**

Toggle clamps vertical heavy-duty with fixed clamping spindle

**05780-01**

Toggle clamp mini, horizontal with horizontal foot right and adjustable clamping spindle

**05815-06**

Pull clamps, steel or stainless steel, side mounting up to 3400N

**05830-01**

Latch clamps vertical with catch plate

**05755-01**

Toggle clamps vertical heavy duty with adjustable clamping spindle

**05785-01**

Toggle clamp mini, horizontal with straight foot and adjustable clamping spindle

**05820-01**

Toggle hook clamps, steel or stainless steel, horizontal with long travel and catch plate

**05830-02**

Latch clamps, steel or stainless steel, vertical, with catch plate and safety interlock, up to 9000N

**05755-05**

Toggle clamps vertical heavy-duty with fixed clamping spindle

**05785-05**

Toggle clamps horizontal with straight foot and adjustable clamping spindle

**05820-04**

Toggle hook clamps, steel or stainless steel, horizontal with catch plate

**05900**

Toggle clamps horizontal with flat foot and adjustable clamping spindle

**05765-01**

Toggle clamps horizontal with flat foot and adjustable clamping spindle

**05790-01**

Toggle clamps horizontal with straight foot and full holding arm

**05825-05**

Latch clamps, steel or stainless steel, horizontal, with catch plate and long adjustment path, red plastic grip

**05900**

Toggle clamps horizontal with flat foot and adjustable clamping spindle, stainless steel

**05770-01**

Mini toggle clamps, horizontal with flat foot and fixed clamping spindle

**05800-01**

Toggle clamps horizontal with flat foot and fixed clamping spindle

**05825-10**

Latch clamps, steel or stainless steel, horizontal, with catch plate and red plastic grip

**05900**

Toggle clamps horizontal with safety interlock with flat foot and adjustable clamping spindle

**05774**

Toggle clamp mini, horizontal with flat left foot and adjustable clamping spindle

**05805-01**

Toggle clamps horizontal with flat foot and full holding arm

**05825-11**

Latch clamps steel or stainless steel, horizontal with catch plate and safety interlock, up to 9000N

**05900**

Toggle clamps horizontal with safety interlock with flat foot and adjustable clamping spindle, stainless steel

**05775-03**

Toggle clamps horizontal with flat foot and adjustable clamping spindle

**05810-01**

Toggle clamps horizontal heavy duty with adjustable clamping spindle

**05827-01**

Latch clamps, steel or stainless steel, horizontal, heavy-duty version with catch plate and red plastic grip

**05904**

Toggle clamps horizontal with straight foot and adjustable clamping spindle



norelem positions

Flexible standardised parts system

05904

Toggle clamps
horizontal
with straight foot and
adjustable clamping
spindle, stainless
steel

**05912**

Toggle clamps
vertical
with straight foot and
adjustable clamping
spindle, stainless
steel

**05667**

Manual clamp, steel,
vertical with front
hole pattern, heavy-
duty version

**05837-18**

Push-pull toggle
clamps, steel
retaining force up to
3000 N

**05904**

Toggle clamps
horizontal with safety
interlock
with straight foot and
adjustable clamping
spindle

**05912**

Toggle clamps
vertical with safety
interlock
with straight foot and
adjustable clamping
spindle

**05835-01**

Mini push-pull toggle
clamps, steel or
stainless steel with
mounting bracket

**05837-20**

Push-pull toggle
clamps, steel,
horizontal
retaining force up to
3000 N

**05904**

Toggle clamps
horizontal with safety
interlock
with straight foot and
adjustable clamping
spindle, stainless
steel

**05912**

Toggle clamps
vertical with safety
interlock
with straight foot and
adjustable clamping
spindle, stainless
steel

**05836-03**

Push-pull toggle
clamp
with mounting
bracket

**05837-22**

Push-pull toggle
clamps, steel,
heavy-duty version,
weldable
retaining force up to
22250 N

**05908**

Toggle clamps
vertical
with flat foot and
adjustable clamping
spindle

**05159**

Toggle clamps mini
push-pull

**05837-01**

Push-pull toggle
clamp
with mounting
bracket

**05837-24**

Push-pull toggle
clamps, steel
retaining force up to
6675 N

**05908**

Toggle clamps
vertical
with flat foot and
adjustable clamping
spindle, stainless
steel

**05160**

Toggle clamps
horizontal
with push rod

**05837-10**

Push-pull toggle
clamps, steel or
stainless steel
retaining force up to
3150 N

**05837-26**

Push-pull toggle
clamps, steel
retaining force up to
3575 N

**05908**

Toggle clamps
vertical with safety
interlock
with flat foot and
adjustable clamping
spindle

**05170**

Toggle clamps with
push rod
push-pull operation,
for bracket mounting

**05837-12**

Push-pull toggle
clamps, steel or
stainless steel
retaining force up to
2670 N

**05837-28**

Push-pull toggle
clamps, steel, heavy-
duty version
retaining force up to
33350 N

**05908**

Toggle clamps
vertical with safety
interlock
with flat foot and
adjustable clamping
spindle, stainless
steel

**05305**

Toggle clamps
variable
with thrust rod

**05837-14**

Push-pull toggle
clamps, steel or
stainless steel
retaining force up to
1350 N

**05838-02**

Toggle clamps push-
pull
without mounting
bracket

**05912**

Toggle clamps
vertical
with straight foot and
adjustable clamping
spindle

**05666**

Manual clamp, steel,
vertical with front
hole pattern

**05837-16**

Push-pull toggle
clamps, steel,
rotatable
retaining force up to
2000 N

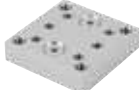
**05840**

Push-pull clamps
heavy-duty version
with handle



norelem positions

Flexible standardised parts system

 05200 Plastic grips, square with square adapter, green	 05312 Adapter plate, steel, round	 05885-01 Clamping spindles rigid	 05332 Pneumatic clamps, vertical with vertical cylinder attachment, lever parts electro zinc-plated steel
 05220 Thrust spindles spring mounted	 05520 Plastic grips, round with round adapter, green	 05887-01 Clamping spindles with vulcanized neoprene thrust pad	 05340 Pneumatic clamps push-rod
 05240 Thrust screws, steel with thrust pad and snap ring	 05880 Angle bracket electro zinc-plated and passivated steel	 05888 Thrust pads neoprene	 05350 Pneumatic clamps vertical heavy-duty version
 05241 Thrust screws, steel, with thrust pad and dowel pin	 05880-01 Angle bracket, electro zinc-plated and passivated steel, for toggle clamps	 05891-01 Locking washers for clamping spindles	 05360 Pneumatic clamps, vertical, with vertical cylinder attachment, heavy-duty version
 05242 Grubscrew with thrust pad	 05881 Plastic grips, round with rectangular opening	 05990 Spherical seating nuts	 05609 Link clamps pneumatic screw-on with flange
 05260 Thrust screws neoprene	 05881-02 Plastic grips, round with round adapter	 05990-20 Status sensors, stainless steel with bracket for toggle clamps	 05610 Swing clamps pneumatic
 05280 Protective caps	 05881-03 Plastic grips, rectangular with rectangular opening	 05899 Force sensor for toggle clamps	 05610-05 Swing clamp pneumatic screw-on
 05310 Adapter block aluminium	 05882 Plastic handles, round with square adapter, orange	 05331 Pneumatic clamps, lever parts electro zinc-plated steel	 05610-10 Swing clamp pneumatic screw-on with flange

norelem positions

Flexible standardised parts system

 05610-20 Threaded flange aluminum	+ 05525 Latches, steel or stainless steel, with spring clip for up to 500N, fastening holes concealed 	+ 05530 Latches, steel or stainless steel, with draw bail for up to 2000N, fastening holes concealed 	+ 05538 Latches, steel or stainless steel, with wide draw bail for up to 2000N, fastening holes concealed 
 05620 Clamping arm for swing clamp	05526 Latches, steel or stainless steel, with spring clip for up to 1300N, fastening holes on the side 	05530-05 Latches, stainless steel with DIN 3133 draw bail, fastening holes concealed 	+ 05540 Latches, steel or stainless steel, with adjustable metal plate hook for up to 1000N, fastening holes visible, short version 
 05625 Adapters for swing clamp	+ 05527 Latches, steel or stainless steel, with spring clip for up to 2400N, fastening holes concealed 	05531 Latches, steel or stainless steel, with draw bail for up to 300N, fastening holes concealed 	+ 05542 Latches, steel or stainless steel, with adjustable metal plate hook for up to 1000N, fastening holes concealed, short version 
 05626 Swing clamp pneumatic block body	+ 05527-30 Latches, steel or stainless steel, with spring clip and integrated length compensation for up to 500N, fastening holes concealed 	+ 05535 Latches, steel or stainless steel, with draw bail for up to 3000N, fastening holes concealed 	+ 05545 Latches, steel or stainless steel, with adjustable metal plate hook for up to 4000N, fastening holes visible, long version 
 05626-05 Clamping arm for swing clamp	+ 05528 Latches, steel or stainless steel, with draw bail for up to 250N, fastening holes concealed or on the side 	05536 Latches, steel or stainless steel, with draw bail, fastening holes concealed 	+ 05547 Latches, steel or stainless steel, with adjustable metal plate hooks for up to 4000N, fastening holes concealed, long version 
 05650 Mini clamps	+ 05528-05 Latches, steel or stainless steel, with draw bail for up to 900N, fastening holes concealed 	+ 05536-10 Latches, steel or stainless steel, with draw bail for up to 4400N, fastening holes concealed 	05547-05 Latches, stainless steel, with metal plate hook and release, fastening holes concealed 
 05652 Mini clamps manual operated	+ 05528-10 Latches, steel or stainless steel, with draw bail for up to 250N, fastening holes concealed or on the side 	+ 05537 Latches, steel or stainless steel, with spring clip for up to 500N, fastening holes concealed 	05547-10 Latches, zinc with sheet metal bracket, fastening holes concealed 
 05665 Mini clamps for horizontal installation	+ 05529 Latches, steel or stainless steel, with draw bail for up to 300N, fastening holes on the side 	+ 05537-05 Latches, steel or stainless steel, with spring clip for up to 450N, fastening holes concealed 	05550 Latches, steel or stainless steel, with adjustable triangular swing bail for up to 1000N, fastening holes visible 

norelem positions

Flexible standardised parts system

**05550-05**

Latches, steel or stainless steel, with adjustable triangular swing bail for up to 700N, fastening holes visible

**05525**

Catch plates for latches with spring clip for up to 500N

**05536-10**

Catch plate for latches with draw bail or spring clip

**05596-01**

Bowden cables

**05550-10**

Latches, steel or stainless steel, with adjustable triangular swing bail for up to 900N, fastening holes visible

**05528**

Catch plate for latches with draw bail

**05537**

Catch plates for latches with spring clip for up to 500N

**05596-05**

Snap locks stainless steel with grip, fold-down

**05551**

Latches, steel or stainless steel, with adjustable triangular swing bail for up to 1000N, fastening holes visible

**05530**

Catch plates for latches with draw bail for up to 2000N

**05538**

Catch plate for latches with wide draw bail or triangular swing bail

**05596-06**

Snap locks stainless steel with Bowden cable connection and grip, fold-down

**05552**

Latches, steel or stainless steel, with adjustable triangular swing bail for up to 6500N, fastening holes visible

**05530-05**

Catch plates for stainless steel latches with DIN 3133 draw bail

**05540**

Catch plates for latches with adjustable metal plate hooks for up to 1000N, short version

**05596-10**

Snap locks, plastic, with fold-down grip

**05560**

Latches, steel, with adjustable draw bail for up to 30500N, fastening holes on the side, heavy-duty version

**05531**

Catch plates for latches with draw bail for up to 300N

**05545**

Catch plates for latches with adjustable metal plate hooks for up to 4000N, long version

**05596-30**

Snap locks, steel or stainless steel, with fold-down grip, mounted using a mounting bracket

**05598**

Slam latches

**05535**

Catch plates for latches with draw bail for up to 3000N

**05550-10**

Catch plate for latches with adjustable triangular swing bail for up to 900N

**05596-31**

Snap locks, steel, with grip, fold-down

**05599**

Emergency openers

**05536**

Catch plates for latches with draw bail, fastening holes concealed

**05551**

Catch plates for latches with adjustable triangular swing bails for up to 1000N

**05596-32**

Snap locks, steel, with fold-down grip

**05660**

Swing screws

**05536**

Catch plates for latches with draw bail, fastening holes concealed

**05596**

Remote release, zinc

**05596-40**

Snap locks, snap-in, plastic with grip



norelem positions

Flexible standardised parts system

05596-42

Snap locks, plastic with recessed grip, snap-in

**05564-10**

Quarter-turn lock zinc, lockable

**05568**

Quarter-turn locks, zinc, long version, housing diameter 32 mm

**05575**

Compression latches, zinc, with adjustable tongue gap

**05596-44**

Snap locks, plastic with recessed grip, snap-in, lockable or not lockable

**05564-14**

Quarter-turn lock zinc, lockable, long version

**05571**

Quarter-turn locks with wing grip, housing diameter 30.5 mm

**05576**

Quarter-turn locks with cam tongue

**05596-50**

Snap locks, plastic with knob

**05566**

quarter-turn lock, zinc housing and actuator, chromium-plated or black powder-coated

**05571-01**

Quarter-turn locks with wing grip

**05577**

Quarter-turn locks free-turning

**05596-60**

Snap locks, plastic with twist knob

**05566-03**

Quarter-turn locks, stainless steel 1.4404, small version, housing diameter 28 mm

**05571-02**

Quarter-turn locks, stainless steel 1.4401 with wing grip and hole for padlock

**05577-01**

Compression latches with variable compression

**05561**

Quarter-turn locks, compact, housing diameter 20 mm

**05566-04**

Quarter-turn locks, stainless steel long version

**05572**

Quarter-turn locks with zinc T-grip, housing diameter 32 mm

**05578-01**

Quarter-turn security locks

**05561-02**

Quarter-turn locks compact, stainless steel, housing diameter 20 mm

**05566-05**

Quarter-turn locks, stainless steel 1.4404, small version, housing diameter 32 mm

**05572-01**

Quarter-turn locks with T-grip

**05578-02**

Quarter-turn security locks, stainless steel

**05562**

Quarter-turn locks, compact with wing grip, housing diameter 22 mm

**05566-06**

Quarter-turn lock, lockable, stainless steel 1.4401, housing diameter 30 mm

**05573**

Quarter-turn locks with zinc L-grip, housing diameter 32 mm

**05578-10**

Quarter-turn lock zinc for fire services, DIN 14925

**05564**

Quarter-turn locks compact lockable

**05567**

Quarter-turn locks polyamide

**05574**

Compression latches, zinc

**05584**

Dust caps



norelem positions

Flexible standardised parts system



05585
Opening grips



05591
Quarter-turn clamp
locks stainless steel,
flat



05595-12
Quarter-turn clamp
locks, stainless
steel, retractable,
twist knob plastic or
stainless steel



05593-04
Quarter-turn lock,
stainless steel
1.4404, Hygienic
DESIGN, with T-grip



05586
Keys
for quarter-turn locks



05591-05
Quarter-turn clamp
locks, stainless steel,
plastic or stainless
steel twist knob with
retractable shaft



05592-15
Spacer washers,
stainless steel, for
quarter-turn clamp
lock



05594
Quarter-turn locks
with L-grip, stainless
steel 1.4301, housing
diameter 28 mm



05586-04
Keys
for latches and locks



05592
Clamping plates
for quarter-turn
clamp locks



05592-30
Clamping plates
stainless steel for
quarter-turn clamp
locks



05594-02
Quarter-turn locks
with L-grip, stainless
steel 1.4401,
lockable, housing
diameter 32 mm



05587
Quarter-turn locks,
stainless steel
1.4305, housing
diameter 28 mm



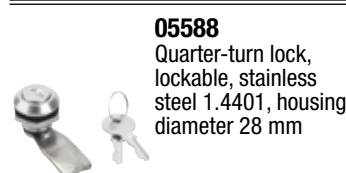
05592-03
Quarter-turn clamp
lock with recessed
grip



05592-50
Quarter turn latches



05595
Quarter-turn locks,
stainless steel
for sterile areas



05588
Quarter-turn lock,
lockable, stainless
steel 1.4401, housing
diameter 28 mm



05592-03
Quarter-turn clamp
lock with recessed
grip



05592-51
Retaining washers
for quarter turn
latches



05595-01
Quarter-turn locks,
stainless steel
Hygienic DESIGN,
with two-flat
actuation



05589
Quarter-turn locks,
stainless steel 1.4401
with lockable wing
grip



05592-05
Clamping plate,
stainless steel for
quarter-turn clamp
lock with recessed
grip



05592-52
Lock bottom parts
for quarter turn
latches



05595-02
Quarter-turn locks,
stainless steel,
Hygienic DESIGN,
with square actuation



05591
Quarter-turn clamp
locks stainless steel
rotary knob plastic or
stainless steel



05592-05
Clamping plate,
stainless steel for
quarter-turn clamp
lock with recessed
grip



05593
Quarter-turn locks
with T-grip, stainless
steel 1.4301,
lockable, housing
diameter 32 mm



05563
Tongues for compact
quarter-turn locks,
steel



05591
Quarter-turn clamp
locks flat



05592-10
Quarter-turn clamp
locks, stainless steel
twist knob plastic or
stainless steel



05593-01
Quarter-turn locks
with T-grip, stainless
steel 1.4401,
lockable, housing
diameter 32 mm



05566-07
Tongue for quarter-
turn lock, stainless
steel

norelem positions

Flexible standardised parts system

 05569 Tongue for quarter-turn lock, steel	+  05600-01 Swivel grip plastic, mounting hole round, mounting hole spacing 105/130 mm, with cover	+  05601-10 Adapter plastic or zinc for tongues	+  05601-30 Guides, plastic for flat bars
 05569 Tongue for quarter-turn lock, stainless steel	+  05600-02 Swivel grip plastic, mounting hole square, mounting hole spacing 50x50x50 mm, with cover, with or without profile half-cylinder lock	+  05601-11 Bushes for tongues, zinc	+  05582 Compression lever latches zinc
 05570 Tongues for quarter-turn locks without stop, steel	+  05600-03 Swivel grip plastic, mounting hole square, mounting hole spacing 50x55x50 mm, with cover	+  05601-12 Round rods, steel for swivel grips	+  05582-05 Compression lever latches zinc, half-round
+  05578-12 Tongue stainless, without stop	+  05600-04 Swivel grip plastic, mounting hole square, mounting hole spacing 50x50x50 mm, with profile half-cylinder lock	+  05601-13 Guides, plastic for round rods	+  05582-20 Compression latches plastic with T-grip, adjustable
 05585 Opening grips	+  05600-05 Swivel grip plastic, mounting hole square, mounting hole spacing 50x50x50 mm, with or without cover	+  05601-14 Stops, plastic for round rods	+  05582-21 Compression latches, plastic with T-grip, fixed
 05584 Dust caps	+  05600-06 Swivel grip plastic, mounting hole round, mounting hole spacing 95 mm, with cover	+  05601-20 Attachment, zinc for round rods	
+  05586 Keys for quarter-turn locks	+  05601 Profile half-cylinder lock for swivel grips	+  05601-21 Flat bars, steel for swivel grips	
 05586-04 Keys for latches and locks	+  05601-05 Adapter, steel, stainless steel or zinc for rods	+  05601-22 Bar locks zinc or plastic for flat bars	

06000



STANDARD COMPONENTS



Knurled nuts, knurled screws,
knurled knobs, knurling wheels

Palm grips, star grips

Knobs, ball knobs, spherical knobs

Handwheels

Machine handles, taper grips

Tension levers

Clamping levers

Crank handles,
balanced crank handles

Clamping joints

T-grips, wing grips

Pull handles,
arched pull handles

Ledge handles

Recessed handles,
recessed fold-down handles

Tubular handles

Function grips

norelem positions

Flexible standardised parts system

 06010 Knurled nuts steel and stainless steel, DIN 6303	 06091 Knurled thumb screws plastic	 06096 Knurled knobs aluminium	 06132 Knurled heads for hexagon socket screws
 06013 Knurled nuts plastic	 06091-01 Knurled screws plastic	 06097 Knurled knobs, thermoset, black	 06266 Knurled knobs
 06014 Knurled nuts plastic	 06091-01 Knurled screws plastic, antistatic	 06100 Knurled knobs with and without graduations	 06267 Knurled knobs metal parts stainless steel
 06014 Knurled nuts plastic, antistatic	 06092 Knurled knobs, plastic, with cap	 06105 Knurled knobs with arrow	 06268 Knurled knobs with grip
 06030 Knurled nuts quick- acting steel or stainless steel	 06092 Knurled knobs antistatic	 06110 Knurled nuts high steel and stainless steel, DIN 466	 06861 Knurled screws
 06070 Knurled nuts	 06094 Knurled knobs, plastic, black-grey	 06120 Knurled nuts flat steel and stainless steel, DIN 467	 06134 Disc grips for hexagon socket screws
 06089 Knurled screws low head steel and stainless steel, DIN 653	 06094 Knurled knobs, plastic, metal detectable	 06130 Knurled screws	 06156 Palm grips aluminium, similar to DIN 6335
 06090 Knurled screws high form steel and stainless steel, DIN 464	 06094 Knurled knobs, plastic, visually detectable	 06131 Knurled knobs for screws with hex head	 06158 Palm grips stainless steel, similar to DIN 6335

norelem positions

Flexible standardised parts system

 06160 Palm grips grey cast iron DIN 6335	 06179 Palm grips soft	 06208 Star grips similar to DIN 6336	 06212 Star grips similar to DIN 6336, metal parts stainless steel
 06161 Palm grips plastic coated grey cast iron, DIN 6335	 06180 Palm grips similar to DIN 6336	 06209 Star grips similar to DIN 6336, metal parts stainless steel	 06212 Star grips with safety cable similar to DIN 6336, metal parts stainless steel
 06170 Palm grips with threaded spindle	 06181 Palm grips similar to DIN 6335 metal parts stainless- steel	 06209-01 Star grips, plastic with protruding steel bush	 06220 Star grips similar to DIN 6336
 06174 Palm grips, plastic with protruding steel bush	 06190 Palm grips quick- acting grey cast iron	 06210 Star grips with projecting steel bush	  06220 Star grips antistatic similar to DIN 6336
 06174 Palm grips, high- temperature resistant plastic with protruding steel bush	 06192 Star grips aluminium, similar to DIN 6336	  06210 Star grips, plastic, metal detectable with protruding steel bush	 06220 Star grips with safety cable similar to DIN 6336
  06174 Palm grips, plastic, visually detectable with protruding steel bush	 06194 Star grips stainless steel, similar to DIN 6336	  06210 Star grips, plastic, visually detectable with protruding steel bush	 06220-20 Star grips plastic DIN 6336
  06174 Palm grips, plastic, metal detectable with protruding steel bush	 06200 Star grips grey cast iron, DIN 6336	 06210-10 Star grips, plastic with clamping force intensifier	 06222 Star grips quick- acting
  06175 Palm grips	  06204 Star grips with extended hub	 06211 Star grips with extended collar	 06224 Star grips, plastic with safety function

norelem positions

Flexible standardised parts system

**06225**Clamping grips
ergonomic**06760**

Four lobe grips

**06857**

Five lobe grips

**06240-05**Mushroom knobs
stainless steel with
internal thread and
low collar**06227**Five lobe grips
ergonomic**06845**

Star grips

**06859**Clamping grips high
form**06240-10**Mushroom knobs,
thermoset, with
internal thread**06253**Five lobe grips,
plastic with cap,
threaded inserts steel
or stainless steel**06850**Five lobe grips,
plastic (thermoset),
threaded insert steel**06237**

Knobs flat

**06240-11**Mushroom knobs,
thermoset, with
external thread**06626**Triangular grips
ergonomic**06851**Five lobe grip, plastic
(thermoset) with
internal thread,
threaded insert steel
or stainless steel**06238**Mushroom knobs,
thermoset, with
internal thread and
round head**06241**Mushroom knobs,
plastic, with internal
thread and cap**06699**

Triangular grips

**06851-01**Five lobe grip, plastic
(thermoset) with
external thread,
threaded insert steel
or stainless steel**06239**Mushroom knobs,
thermoset, with
external thread and
round head**06241**Mushroom knobs
antistatic
internal thread**06702**Triangular grips
with high collar**06852**Five lobe grips plastic
lockable**06240**Mushroom knobs
with internal thread,
steel, stainless steel
or aluminium**06242**Mushroom knobs,
plastic, with external
thread and cap**06710**Triangular grips 2K
ergonomic**06853**Five lobe grips,
plastic, threaded
insert steel**06240-01**Mushroom knobs
internal thread
with high head for
Hygienic USIT®
sealing and shim
washer Freudenberg
Process Seals**06242**Mushroom knobs
antistatic
external thread**06718**

Triangular grips

**06855**

Four lobe grips flat

**06240-02**Mushroom knobs
external thread
with high head for
Hygienic USIT®
sealing and shim
washer Freudenberg
Process Seals**06245**

Spherical knobs



norelem positions

Flexible standardised parts system

06246Spherical knobs
revolving**06255**Handwheels 2-spoke
plastic**06273**Handwheels
DIN 950, aluminium**06277**2-spoke handwheels,
polished aluminium**06247**Ball knobs
thermoplastic DIN
319 enhanced**06255**Handwheels 2-spoke
plastic, with revolving
grip**06274**Handwheels
DIN 950, stainless
steel**06277**2-spoke handwheels,
powder coated
aluminium**06247**Ball knobs
stainless steel or
aluminium DIN 319**06255**Handwheels 2-spoke
plastic, with folding
grip**06275**Disc handwheels,
aluminium, turned
and polished**06278**Disc handwheels,
aluminium
without grip**06250**Ball knobs smooth
DIN 319 enhanced**06262**

Handwheels, plastic

**06275**Disc handwheels,
aluminium, black
powder coated**06278-01**Disc handwheels,
aluminium
with revolving
cylindrical grip**06251**

Tapered knobs

**06263**Handwheels
with revolving
cylinder grip**06276-01**Handwheels disc
stainless steel
with revolving grip**06278-02**Disc handwheels,
aluminium
with fold-down
cylindrical grip**06252**

Conical knobs

**06264**Handwheels
with fold-down
cylinder grip**06276-10**2-spoke handwheels,
aluminium
without grip**06279**Handwheels disc
similar to DIN 950,
aluminium**06230**

Four-spoked nuts

**06265**Handwheels
with safety grip**06276-11**2-spoke handwheels,
aluminium
with revolving
cylinder grip**06287**Handwheels disc
with revolving grip**06235**

Capstan wheel

**06271**Handwheels
DIN 950, grey cast
iron**06276-12**2-spoke handwheels,
aluminium
with fold-down
cylinder grip**06288**Handwheels disc
without grip

norelem positions

Flexible standardised parts system

 06289 Hand wheels, steel, stamped	 06292 Machine handles fixed, aluminium, DIN 39 Form E	 06313 Machine handles revolving	 06320 Taper grips, plastic (thermoset)
 06289-10 Spoked handwheels, sheet steel	 06293 Machine handles fixed, DIN 39 Form E, stainless steel	 06314 Taper grips revolving, plastic (thermoset), threaded insert electro zinc-plated steel	 06321 Cylindrical grips revolving with hexagon socket
 + 06289-10 Spoked handwheels, sheet steel, with revolving cylinder grip	 06308 Machine handles revolving, similar to DIN 98 Form E, steel	 06315 Taper grips fixed	 06322 Cylindrical grips revolving
 06289-12 Spoked handwheels, sheet stainless steel	 06309 Machine handles revolving, aluminium, similar to DIN 98 Form E	 06316 Taper grips revolving	 06323 Cylindrical grips, revolving, fold-down
 + 06289-12 Spoked handwheels, stainless steel sheet, with revolving cylinder grip	 06309-01 Machine handles revolving, similar to DIN 98 Form E, stainless steel	 06316 Taper grips revolving	 06325 Cylindrical grips revolving
 06830 Handwheels, plastic (thermoset)	 06310 Machine handles revolving, steel, similar to DIN 98	 06317 Cylindrical grips revolving stainless steel	 06325-01 Cylindrical grips, plastic revolving
 06290 Machine handles fixed, steel, similar to DIN 39	 06311 Machine handles fixed, straight form, similar to DIN 39	 06318 Taper grips, revolving, plastic (thermoset), threaded insert steel or stainless steel	 06326-01 Cylindrical grips, plastic fold-down
 06291 Machine handles fixed, steel, DIN 39 Form E	 06312 Machine handles revolving, straight form, similar to DIN 98	 06319 Taper grips, plastic (thermoset), threaded insert electro zinc-plated steel	 06328 Cylindrical grips safety automatic return

norelem positions

Flexible standardised parts system

 06328-01 Safety cylindrical grips, plastic auto-return	 06341 Tension levers stainless steel	 06390 Tension levers flat internal thread	 + 06581 Clamping levers, plastic, ergonomic, with internal thread, threaded insert stainless steel
 06353 Ball grips revolving	 06342 Tension levers flat	 06391 Tension levers flat internal thread, stainless steel	 + 06591 Clamping levers, plastic, ergonomic, with external thread, threaded pin stainless steel
 06355 Handles screw-in	 06370 Tension levers internal thread	 06400 Tension levers flat external thread	 + 06604 Clamping levers 2K with internal thread, threaded insert black oxidised steel
 06357 Handles screw-in with torque limit	 06371 Tension levers internal thread, stainless steel	 06401 Tension levers flat external thread, stainless steel	 + 06600-50 Clamping levers, plastic with internal thread, threaded insert black oxidised steel
 + 06360 Handles	 06380 Tension levers external thread	 06420 Ball handles DIN 6337	 + 06610-50 Clamping levers, plastic with external thread, threaded insert black oxidised steel
 06362 Clamp hubs	 06381 Tension levers external thread, stainless steel	 06470 Ratchet levers	 + 06600-55 Clamping levers, plastic with internal thread, threaded insert blue passivated steel
 + 06330 Levers DIN 99	 06382 Tension levers safety internal thread	 + 06580 Clamping levers, plastic, ergonomic, with internal thread, threaded insert blue passivated steel	 + 06610-55 Clamping levers, plastic with external thread, threaded insert blue passivated steel
 06340 Tension lever	 06383 Tension levers safety external thread	 + 06590 Clamping levers, plastic, ergonomic, with external thread, threaded pin blue passivated steel	 + 06611-50 Clamping levers, plastic with external thread, threaded insert stainless steel

norelem positions

Flexible standardised parts system

 06601-50 Clamping levers, plastic with internal thread, threaded insert stainless steel	 06443 Clamping levers, steel with external thread, threaded pin black oxidised steel	  06454-02 Clamping levers with internal thread and collar for Hygienic USIT® sealing and shim washer Freudenberg Process Seals	 06610-10 Clamping levers, plastic with external thread and clamping force intensifier, threaded insert black oxidised steel
 06450 Clamping levers, die-cast zinc with internal thread, threaded insert black oxidised steel	 06454 Clamping levers, electropolished or abrasive blasted stainless steel, with internal thread, threaded insert stainless steel	 06464 Clamping levers, stainless steel with external thread and protective cap, threaded pin stainless steel	 06601-10 Clamping levers, plastic with internal thread and clamping force intensifier, threaded insert stainless steel
 06460 Clamping levers, die-cast zinc with external thread, threaded insert black oxidised steel	 06464 Clamping levers, electropolished or abrasive blasted stainless steel, with external thread, threaded insert stainless steel	  06464-02 Clamping levers with external thread and collar for Hygienic USIT® sealing and shim washer Freudenberg Process Seals	 06611-10 Clamping levers, plastic with external thread and clamping force intensifier, threaded insert stainless steel
 06450-05 Clamping levers, die-cast zinc with internal thread, threaded insert blue passivated steel	 06450 Clamping levers, die-cast zinc with internal thread and protective cap, threaded insert black oxidised steel	 06448 Clamping levers, die-cast zinc, flat with internal thread, threaded insert black oxidised steel	 06450-10 Clamping levers, die-cast zinc with internal thread and clamping force intensifier, threaded insert black oxidised steel
 06460-05 Clamping levers, die-cast zinc with external thread, threaded insert blue passivated steel	 06460 Clamping levers, die-cast zinc with external thread and protective cap, threaded pin black oxidised steel	 06458 Clamping levers, die-cast zinc, flat with external thread, threaded pin black oxidised steel	 06460-10 Clamping levers, die-cast zinc with external thread and clamping force intensifier, threaded insert black oxidised steel
 06451 Clamping levers, die-cast zinc with internal thread, threaded insert stainless steel	 06451 Clamping levers, die-cast zinc with internal thread and protective cap, threaded insert stainless steel	 06449 Clamping levers, die-cast zinc, flat with internal thread, threaded insert stainless steel	 06451-10 Clamping levers, die-cast zinc with internal thread and clamping force intensifier, threaded insert stainless steel
 06461 Clamping levers, die-cast zinc with external thread, threaded insert stainless steel	 06461 Clamping levers, die-cast zinc with external thread and protective cap, threaded pin stainless steel	 06459 Clamping levers, die-cast zinc, flat with external thread, threaded pin stainless steel	 06461-10 Clamping levers, die-cast zinc with external thread and clamping force intensifier, threaded insert stainless steel
 06442 Clamping levers, steel with internal thread, threaded insert black oxidised steel	 06454 Clamping levers, stainless steel with internal thread and protective cap, threaded insert stainless steel	 06600-10 Clamping levers, plastic with internal thread and clamping force intensifier, threaded insert black oxidised steel	 06613-10 Clamping levers, plastic, with internal thread and safety function, threaded insert blue passivated steel

norelem positions

Flexible standardised parts system

 06613-11 Clamping levers, plastic, with external thread and safety function, threaded pin blue passivated steel	 06613-06 Clamping levers, plastic, metal detectable with external thread, threaded pin stainless steel	 06611 Clamping levers, plastic, with external thread and zinc toothed ring, thread insert stainless steel	 06461 Clamping levers, die-cast zinc with external thread and long collar, threaded pin stainless steel
 06613-12 Clamping levers, plastic with internal thread and safety function, thread insert stainless steel	 06613-05 Clamping levers, plastic, visually detectable with internal thread, threaded insert stainless steel	 06600 Clamping levers, plastic, antistatic with internal thread, threaded insert black oxidised steel	 06464 Clamping levers, stainless steel with external thread and long collar, threaded pin stainless steel
 06613-13 Clamping levers, plastic with external thread and safety function, thread insert stainless steel	 06613-06 Clamping levers, plastic, visually detectable with external thread, threaded pin stainless steel	 06610 Clamping levers, plastic, antistatic with external thread, threaded insert black oxidised steel	 06442 Clamping levers, steel, with internal thread, ruby red, threaded insert black oxidised steel
 06613-03 Clamping levers ECO, plastic with internal thread, threaded insert brass or blue passivated steel	 06600 Clamping levers, plastic, with internal thread and zinc toothed ring, threaded insert black oxidised steel	 06600 Clamping levers, plastic with internal thread and push button, threaded insert black oxidised steel	 06443 Clamping levers, steel, with external thread, ruby red, threaded insert, black oxidised steel
 06613-04 Clamping levers ECO, plastic with external thread, threaded insert blue passivated steel	 06610 Clamping levers, plastic, with external thread and zinc toothed ring, threaded insert black oxidised steel	 06610 Clamping levers, plastic with external thread and push button, threaded insert black oxidised steel	 06450 Clamping levers, die-cast zinc with internal thread, satin finish, threaded insert black oxidised steel
 06613-05 Clamping levers ECO, plastic with internal thread, threaded insert stainless steel	 06600-05 Clamping levers, plastic, with internal thread and zinc toothed ring, threaded insert blue passivated steel	 06601 Clamping levers, plastic with internal thread and push button, threaded insert stainless steel	 06460 Clamping levers, die-cast zinc, with external thread, satin finish, threaded insert black oxidised steel
 06613-06 Clamping levers ECO, plastic with external thread, threaded insert stainless steel	 06610-05 Clamping levers, plastic, with external thread and zinc toothed ring, threaded insert blue passivated steel	 06611 Clamping levers, plastic with external thread and push button, threaded insert stainless steel	 06450-05 Clamping levers, die-cast zinc with internal thread, satin finish, threaded insert blue passivated steel
 06613-05 Clamping levers, plastic, metal detectable with internal thread, threaded insert stainless steel	 06601 Clamping levers, plastic with internal thread, threaded insert stainless steel	 06611-50 Clamping levers, plastic with external thread and long collar, threaded pin stainless steel	 06460-05 Clamping levers, die-cast zinc with external thread, satin finish, threaded insert blue passivated steel

norelem positions

Flexible standardised parts system

**06450-10**

Clamping levers, die-cast zinc with internal thread and clamping force intensifier, satin finish, threaded insert black oxidised steel

**06451**

Clamping levers, die-cast zinc, with internal thread and protective cap, pure orange satin finish, threaded insert stainless steel

**06430**

Clamping levers, steel with external thread and plastic ball knob

**06612**

Clamping levers, plastic, with external thread and thrust pad, threaded pin black oxidised steel

**06460-10**

Clamping levers, die-cast zinc with external thread and clamping force intensifier, satin finish, threaded insert black oxidised steel

**06461**

Clamping levers, die-cast zinc, with external thread and protective cap, pure orange satin finish, threaded insert stainless steel

**06430**

Clamping levers, die-cast zinc, with external thread, black and silver, threaded insert black oxidised steel

+

**06614**

Clamping levers 2K with external thread, threaded pin black oxidised steel

**06451**

Clamping levers, die-cast zinc with internal thread, satin finish, threaded insert stainless steel

**06448**

Clamping levers, die-cast zinc, flat with internal thread, pure orange satin finish, threaded insert black oxidised steel

**06431**

Clamping levers die-cast zinc, with external thread, black and silver, threaded insert stainless steel

+

**06615**

Clamping levers 2K with external thread, threaded pin stainless steel

**06461**

Clamping levers, die-cast zinc, with external thread, satin finish, threaded insert stainless steel

**06458**

Clamping levers, die-cast zinc, flat with external thread, pure orange satin finish, threaded insert black oxidised steel

**06440**

Clamping levers, steel, with internal thread, hammer tone enamelled, threaded insert black oxidised steel

**06480**

Crank handles offset similar to DIN 468

**06451-10**

Clamping levers, die-cast zinc with internal thread and clamping force intensifier, satin finish, threaded insert stainless steel

**06449**

Clamping levers, die-cast zinc, flat with internal thread, pure orange satin finish, threaded insert stainless steel

**06440**

Clamping levers, electropolished stainless steel, with internal thread, threaded insert stainless steel

**06490**

Crank handles straight similar to DIN 469

**06461-10**

Clamping levers, die-cast zinc with external thread and clamping force intensifier, satin finish, threaded insert stainless steel

**06459**

Clamping levers, die-cast zinc, flat with external thread, pure orange satin finish, threaded insert stainless steel

**06441**

Clamping levers, steel, with external thread, hammer tone enamelled, threaded insert black oxidised steel

**06492**

Crank handles aluminium

**06450**

Clamping levers, die-cast zinc, with internal thread and protective cap, pure orange satin finish, threaded insert black oxidised steel

**06410**

Clamping levers, die-cast zinc with internal thread, black and silver, threaded insert black oxidised steel

**06441**

Clamping levers, electropolished stainless steel, with external thread, threaded insert stainless steel

+

**06500**

Crank handles with fold-down cylinder grip

**06460**

Clamping levers, die-cast zinc, with external thread and protective cap, pure orange satin finish, threaded insert black oxidised steel

**06411**

Clamping levers, die-cast zinc with internal thread, black and silver, threaded insert stainless steel

**06605**

Clamping levers 2K with internal thread, threaded insert stainless steel

+

**06500**

Crank handles with revolving cylinder grip

norelem positions

Flexible standardised parts system

 06502 Crank handles with safety grip	 06620 Clamping joints	 06648 T-grips stainless steel	 + HYG 06651-02 Wing screws for Hygienic USIT® sealing and shim washer Freudenberg Process Seals
 06503 Crank handles aluminium with fold-away cylinder grip	 06621 Clamping joints individually adjustable	 + HYG 06648-01 T-grips with internal thread in stainless steel for Hygienic USIT® sealing and shim washer Freudenberg Process Seals	 + HYG 06651-03 Wing nuts narrow in Hygienic DESIGN
 06503 Crank handles aluminium cylindrical revolving grip	 06622 Multiple connectors	 + HYG 06648-01 T-grip, stainless steel with external thread for Hygienic USIT® Freudenberg Process Seals sealing and shim washer	 06652 Wing grips, plastic with cap, threaded inserts steel or stainless steel
 06504 Crank handles aluminium with safety cylinder grip	 06133 Wing grips for hexagon socket screws	 06649 T-grips	 06652 Wing grips antistatic
 + 06505 Crank handles stainless steel with revolving grip	 06140 Tommy bars with fixed or sliding T-bar, DIN 6305 or DIN 6307	 06650 T-grips	 06652 Wing grips with tapped through bush
 + 06506 Crank handles stainless steel with revolving grip	 06150 T-thrust screws with fixed or sliding T-bar, DIN 6304 or DIN 6306	 + 06650-01 T-grips, plastic	 06652 Wing grips "Miniwing"
 + 06507 Crank handles stainless steel with fold-away grip	 06349 Lock grips	 06651 Wing grips internal thread, stainless steel	 06652 Wing grips "Miniwing" antistatic
 06510 Crank handles balanced	 06550 Bar knobs	 + HYG 06651-01 Wing nuts for Hygienic USIT® sealing and shim washer Freudenberg Process Seals	 06652 Wing grips "Miniwing", plastic, metal detectable

norelem positions

Flexible standardised parts system

**06652**Wing grips
„Miniwing“, plastic,
visually detectable**06900**Pull handles, plastic,
round, slanted one
side**06903**Pull handles, plastic,
antistatic**06913**Pull handles, plastic,
slanted both sides,
with soft inner face**06652**Wing grips
„Miniwing“
with tapped through
bush**06900**Pull handles,
aluminium, slanted**06903**Pull handles, high
temperature resistant
plastic, mounted from
front or rear**06913-10**Pull handles, plastic
with soft grip**06652-10**Wing grips
„Miniwing“ stainless
steel**06901**Pull handles, plastic,
round, slanted both
sides**06904**Pull handles, plastic,
narrow, slanted both
sides**06914**Pull handles, stainless
steel, slanted both
sides**06660**

Wing grips one-sided

**06901-01**Pull handles, oval
plastic**06907**Pull handles arched,
plastic U-profile with
slotted hole**06915**Pull handles,
aluminium, slanted
both sides**06665**Wing grips plastic,
threaded insert brass
or steel**06901-50**Finger grips, plastic,
round**06909**Pull handles arched,
U-profile**06916**Pull handles, plastic,
slanted both sides**06666**

Grip nuts

**06902**Pull handles, plastic,
narrow**06910**Pull handles,
aluminium, semi-matt
anodised, mounted
from the rear**06916-01**Pull handles, plastic,
mounted from the
front or rear**06666**

Grip screws

**06902-01**

Pull handles

**06911**Pull handles arched,
plastic**06916-01**Pulls handles, plastic,
metal detectable**06895**Pull handles, round
cast iron**06903**Pull handles, plastic,
mounted from front
or rear**06912**Pull handles, plastic,
oblique**06916-01**Pulls handles, plastic,
visually detectable

norelem positions

Flexible standardised parts system

 06916-01 Pull handles, high temperature resistant plastic, mounted from rear	 06920 Pull handles, oval aluminium, detachable	 + 06920-15 Pull handles, stainless steel, oval oblique	 + 06924-01 Pull handles stainless steel, oval
 06916-10 Pull handles, painted aluminium, mounted from the front or rear	 06920 Pull handles, powder coated or anodised aluminium, oval profile, mounted from the front	 06921 Pull handles, anodised aluminium, oval profile 20x10, mounted from the rear	 06929 Pull handles, aluminium, narrow
 06916-15 Pull handles, stainless steel	 06920 Pull handles, oval aluminium with outer hole	 06922 Pull handles, stainless steel 1.4404, vibratory ground round profile, mounted from the rear	 + 06929-01 Pull handles, square aluminium
 + 06917 Finger grips, aluminium round	 + 06920-01 Pull handles	 + 06922-10 Finger grips, stainless steel round	 + 06929-10 Pull handles, oval aluminium
 06917 End washers, aluminium, flat for round pull handles	 06920-05 Pull handles, stainless steel 1.4301 or 1.4404, oval profile 21x13, mounted from the rear	 06922-10 Pull handles, stainless steel 1.4404, polished or abrasive blasted round profile, mounted from the rear	 06930 Pull handles, round steel, high-gloss chromed
 + 06917 Pull handles, aluminium, round	 06920-05 Pull handles stainless steel, oval with thru hole	 06922-11 End washers, stainless steel	 + 06930-10 Pull handles, high-gloss chromed steel round profile, mounted from the rear
 06918 Pull handles, anodised aluminium, oval profile 12x8, mounted from the rear	 + 06920-10 Pull handles, oval aluminium, oblique	 06923 Pull handles, round steel, angled	 + 06930-10 Finger grips, steel round
 06919 Pull handles, steel, round, grip with plastic sleeve	 06920-10 Pull handle, oval aluminium, oblique	 06924 Pull handles, stainless steel 1.4404, polished oval profile, mounted from the rear	 06931 Pull handles, round stainless steel with wide washers

norelem positions

Flexible standardised parts system

**06931-10**

Pull handles,
stainless steel with
seal washer
in Hygienic DESIGN

**06945**

End washers,
aluminium, conical
for round pull handles

**06960**

Recessed handles,
aluminium

**06965-03**

Recessed handles,
plastic, screw-on

**06932**

Pull handles,
aluminium with
plastic grip legs,
mounted from front

**06945**

Pull handles,
anodised aluminium,
rounded angled,
round profile Ø16 and
18, mounted from
the rear

**06961**

Recessed handle,
aluminium, fold-down

**06966-01**

Recessed handles,
plastic, clip-in

**06932**

Pull handles,
aluminium with
plastic grip legs and
caps, mounted from
front

**06946**

Pull handles, round
profile steel, matt
chromed or powder
coated, mounted
from the rear

**06961-01**

Recessed handles,
stainless steel, fold-
down, rectangular
style

**06970**

Recessed handles,
stainless steel,
fold-down, round and
rectangular style

**06933**

Pull handles,
aluminium with
plastic grip legs,
mounted from rear

**06959**

Pull handles, plastic,
fastened from one
side

**06962**

Recessed handles,
aluminium, fold-
down with finger
depression, latching
or auto-return

**06970-01**

Fold-down handles,
stainless steel, DIN
3136

**06933**

Pull handles,
aluminium with
plastic grip legs and
ribbed grip, mounted
from the rear

**06975**

Pull handles, plastic,
angled

**06962-01**

Recessed handles,
aluminium, fold-
down, latching or
auto-return

**06925**

Tubular handles,
aluminium with
powder coated grip
legs

**06934**

Pull handles, round
steel or stainless
steel, fold-down

**06975**

Plastic end cap for
angled pull handles

**06965**

Recessed handles,
plastic, screw-on

**06926**

Tubular handles,
aluminium, with
wide plastic grip legs
slanted both sides,
20 mm round profile,
mounted from the
front

**06935**

Pull handles,
anodised aluminium,
rounded angled,
round profile Ø10,
mounted from the
rear

**06951**

Ledge handles,
stainless steel

**06965-01**

Recessed handles,
plastic

**06926-05**

Tubular handles,
aluminium or
stainless steel with
plastic grip legs

**06944**

Pull handles, square
aluminium

**06952**

Ledge handles,
aluminium

**06965-02**

Recessed handles,
plastic

**06927**

Tubular handles,
aluminium, with
plastic grip legs, oval
profile 35x25 mm,
mounted from the
rear



norelem positions

Flexible standardised parts system

**06928**

Tubular handles,
aluminium with
plastic grip legs,
oblique

**06940**

Tubular handles,
aluminium with
plastic tube holders

**06894**

Grip, steel with
locking unit

**06936**

Tubular handles,
aluminium, angled
90° with plastic grip
legs

**06941**

Tubular handles,
stainless steel with
aluminium tube
holders

**06980**

Pull handles, plastic,
with electronic switch
function and one
push button

**06937**

Tubular handles
aluminium, with
narrow plastic grip
legs slanted both
sides, 20 mm round
profile, mounted from
the front

**06942**

Tubular handles,
stainless steel with
plastic grip legs

**06980-10**

Tubular handles,
plastic, with
electronic switch
function and one
push button

**06938**

Tubular handles,
aluminium or
stainless steel with
plastic grip legs and
slanted both sides

**06943**

Tubular handles,
stainless steel with
investment cast grip
legs

**06980-11**

Tubular handles,
plastic, with
electronic switch
function and two
push buttons

**06938-01**

Tubular handles,
round aluminium

**06947**

Tubular handles,
aluminium, adjustable

**06938-02**

Tubular handles, oval
aluminium

**06948-01**

Tubular handles
Bighand, aluminium
with plastic grip legs

**06939**

Tubular handles,
aluminium, with
plastic grip legs, 20
and 30 mm round
profile, mounted from
the front

**06956**

Tubular handles,
aluminium, angled
with plastic grip legs

**06939-01**

Tubular handles,
plastic with plastic
grip legs

**06958**

Tubular handles,
aluminium, with
plastic grip legs, 12
mm round profile,
mounted from the
rear



07000



STANDARD COMPONENTS



Nuts, screws, washers,
securing elements

T-slot nuts

Thrust screws,
ball-end thrust screws

Grippers, gripper pads

Grub screws

Torque grips, torque screws

Threaded Inserts

Slinging points

Crane hooks

Locking rings, shaft collars

DIN 3015 clamp fittings

Clips

norelem positions

Flexible standardised parts system



07060
Nuts for T-slots
DIN 508 enhanced



07094-11
Tapped rectangular
plates with toothing
for C-profile mounting
rails System 41



07161
Socket head screws
low head DIN 6912



HYG 07170-15
Hexagon head bolts,
stainless steel
in Hygienic DESIGN



07020
Studs



07094-15
Hammer-head
screws
for C-profile mounting
rails System 28



07161-02
Socket head screws
with hexalobular
socket, low head,
DIN EN ISO 14580



07170-20
Hex head bolt,
stainless steel, with
low head
for Hygienic USIT®
seal and shim washer



07030
Studs
DIN 6379



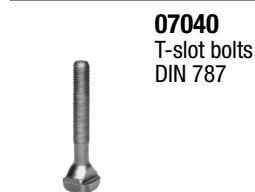
07094-16
Hammer-head
screws
for C-profile mounting
rails System 41



07170
Hexagon head bolts
with shaft
DIN 931/ISO 4014



07170-21
Hex head bolt,
stainless steel, with
low head
and seal and shim
washer for Hygienic
USIT® set



07040
T-slot bolts
DIN 787



07159
Socket head screws
full thread, DIN 912



HYG 07170-02
Hexagon head bolts
with narrow shaft
in Hygienic DESIGN



07171
Hexagon head bolts
DIN 933/ISO 4017



07040
T-slot bolts
DIN 787, 12.9



07160
Socket head screws
DIN EN ISO 4762
enhanced, steel or
stainless steel



HYG 07170-04
Stainless steel
hexagon head
bolts with collar for
Hygienic USIT® seal
and shim washers



07172
Hexagon head bolts
with flange
DIN EN 1665



07090
T-nuts



07160
Socket head screws
DIN EN ISO 4762 with
thread lock



HYG 07170-10
Stainless steel
hexagon head bolts
with collar and seal
and shim washer for
Hygienic USIT® set



07173
Hexagon head bolts
with serrated flange



07094
Hammer-head
screws



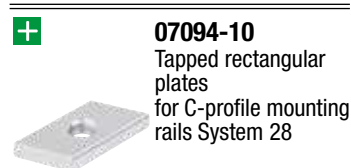
07160-02
Socket head screws
with hexalobular
socket
DIN EN ISO 14579



HYG 07170-11
Hexagon head bolts,
stainless steel with
seal washer
in Hygienic DESIGN



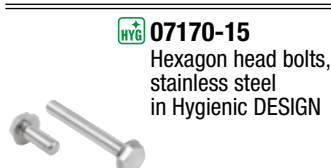
07174
Button head screws
EN ISO 7380



07094-10
Tapped rectangular
plates
for C-profile mounting
rails System 28



07160-10
Aluminium cap
for holes and screw
heads with hex
socket



HYG 07170-15
Hexagon head bolts,
stainless steel
in Hygienic DESIGN



07174-02
Screws with flattened
pan head and
hexalobular socket,
similar to DIN 34805

norelem positions

Flexible standardised parts system

**07175**Screws with
countersunk head
hexagon socket
DIN EN ISO 10642**07199**

Wing screws

**07214**Hexagon nuts with
polyamide thread
lock, thin type
DIN 985 enhanced**07220**Extension nuts
height 3xD**07175-01**Countersunk screws
with hexalobular
socket
DIN EN ISO 14581**07200**

Wing nuts

**07215**Hexagon nuts with
thread lock
DIN 980 enhanced**07221**Turnbuckle nuts
steel tube, closed
form DIN 1478**07175-02**Ball head screw
in Hygienic DESIGN**07209**

Square nuts DIN 557

**07216**Hexagon nut
with serrated flange**07222**Turnbuckle nuts
hexagonal DIN 1479**07175-02**Ball head screw
in Hygienic DESIGN**07209-01**Square nuts DIN 562
low type**07217**Hexagon nuts with
flange
DIN 6923 / EN 1661
enhanced**07240**Hexagon nuts with
collar
height 1.5xD,
DIN 6331 enhanced**07210**Hexagon nuts
DIN 934**07218**Hexagon nuts with
flange**07240-10**Hexagon nuts QT
steel, two-part
without collar**07210-02**Hex nuts similar to
DIN 934**07218-05**End caps plastic for
hex bolts and nuts**07240-11**Hexagon nuts, QT
steel, two-part
with collar**07182**Eyebolts type 48 steel
or stainless steel**07212**Hexagon nuts
thin type DIN 439 /
ISO 4035**07219**Spacer sleeve,
stainless steel with
seal washer
in Hygienic DESIGN**07240-15**Assembly tools
for two-part hexagon
nuts**07182-05**Threaded hooks type
11E and type 4E,
steel**07213**Hexagon nuts with
polyamide thread
lock
high type, DIN 982
enhanced**07219-20**Spacer, adjustable,
stainless steel with
sealing washer
in Hygienic DESIGN**07242**Hexagon nuts
with no-loss washer

norelem positions

Flexible standardised parts system

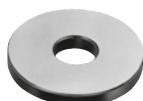
 07260 Hexagon nuts height 1.5xD, DIN 6330 enhanced	 HYG 07280-11 Hex nuts, stainless steel with seal washer in Hygienic DESIGN	 07304-02 Split lock washer, steel	 07332 Circlips E-type DIN 6799
 07265 Hexagon nuts with ball seat	 07300 Washers medium DIN EN ISO 7089 A	 07305 Washers large OD DIN 9021	+  07332-05 KL retainers, steel
 07280 Hexagon domed cap nuts similar to DIN 1587	 07300-01 DIN 433 washer, steel or stainless steel	 07305-05 Washers DIN 7349 for bolts used for heavy- duty applications	+  07332-10 SL retainers, steel
 07280-01 Hex cap nut, high style DIN 1587 steel or stainless steel	+  HYG 07300-03 Hygienic USIT® seal and shim washers	 07306 Washers plastic captive	 07336 Split pins EN ISO 1234
 07280-02 Hex cap nut, low style DIN 917 steel or stainless steel	HYG  07301 Seal washers in Hygienic DESIGN	 07310 Wedge lock washers	 07337 R-clips similar to DIN 11024
HYG  07280-04 Cap nut compact in Hygienic DESIGN	HYG  07303 Conical spring washers DIN 6796	 07320 Washers for clamps steel or aluminium DIN 6340	 07337-10 Linchpins DIN 11023
+ HYG  07280-05 Stainless steel cap nuts with collar for Hygienic USIT® seal and shim washers	 07304 Spring washers DIN 137 B	 07330 Circlips for shafts DIN 471	+  07337-20 Pin with head ISO 2341 Form B
+ HYG  07280-10 Stainless steel cap nuts with collar and seal and shim washer for Hygienic USIT® set	 07304-01 DIN 7980 spring washer, steel or stainless steel	 07331 Circlips for bores DIN 472	+  07360 Disc springs DIN EN 16983

norelem positions

Flexible standardised parts system

07375

Handwheel washers

**07520**C-washers captive
DIN 6371**07534**Shoulder screws
similar to ISO 7379**07590-03**Locking plate steel
DIN 462**07375-10**Washers steel for
countersunk screws**07520-01**C-washers
swing, with shoulder
screw**07535**Shoulder screws
with hexagon head
similar to DIN 609**07590-05**Slotted round nuts,
steel,
DIN 70852**07375-12**Washers steel for
guide tubes**07522**Shim washers
DIN 988**07540**Shoulder screws
with slotted domed
head**07590-06**Locking plate steel
DIN 70952**07380**C-washers
DIN 6372 enhanced**07523**Spacer washers
ground**07560**Snapper catch with
spring
DIN 6310**07595**Slotted nuts
with elastic lock**07415**Clamping force
intensifiers**07530**Shoulder screws with
slotted flat head
DIN 923**07570**

Quarter-turn screws

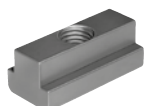
**07598**

Adjustment nuts

**07420**Spherical washers
DIN 6319,
edition 10/01**07532**Steel flat head
screw with tolerance
compensation
for floating bearing**07590**Slotted round nuts
DIN 1804**07620**Clevises
with screw, steel or
stainless steel**07420-10**Spherical washers
and conical seats
combined
steel or stainless
steel similar to DIN
6319**07533**Shoulder screws
Form A**07590-01**Slotted round nuts,
steel or stainless
steel,
DIN 981**07650**Springs
for clamp straps**07460**Spherical levelling
washers**07533**Shoulder screws
Form B**07590-02**Locking plate steel or
stainless steel
DIN 5406**07640**Threaded rods
steel and stainless
steel DIN 976-1

norelem positions

Flexible standardised parts system

07060Nuts for T-slots
DIN 508 enhanced**07075-02**Slot key profile
connectors
Type I**07105**Ball-end thrust
screws without head
with full ball, with
thread lock**07111**Ball-end thrust
screws without head
stainless steel with
full ball**07061**Nuts for T-slots
long**07076**Slot key profile
Type I**07105**Ball-end thrust
screws without head
with flattened ball,
with thread lock**07111**Ball-end thrust
screws without head
stainless steel with
flattened ball**07061-02**T-slot nuts for
aluminium baseplates
with T-slots**07077**Slot nuts
twist-in Type B**07107**Ball-end thrust
screws without head
with fine thread**07111**Ball-end thrust
screws without head
stainless steel with
flattened ball and
rotation lock**07070**T-slot keys steel or
stainless steel**07078**Slot nuts
twist-in with spring
Type B**07109**Ball-end thrust
screws without head
short version**07119**

Thrust screws

**07071**Slot nuts
twist-in Type I**07079**Double slot keys with
step types B and I**07110**Ball-end thrust
screws without head
with full ball**07119**Thrust screws
stainless steel**07073**Slot nuts
twist-in, keyed Type I**07080**Nuts for T-slots
rhombic form**07110**Ball-end thrust
screws without head
with full ball**07119**Thrust screw with
thread lock**07075**Slot nuts
strong Type I**07100**Ball-end thrust
screws with head**07110**Ball-end thrust
screws without head
with flattened ball**07122**Thrust screws
with point**07075-01**Slot key direct
connectors
Type I**07101**Ball-end thrust
screws with head
stainless steel**07110**Ball-end thrust
screws without head
with flattened ball
and rotation lock**07123**Thrust screws
with radiused half-
dog point

norelem positions

Flexible standardised parts system

07112Gripper pads round
carbide**07120**Grub screws with
thrust point, similar to
DIN 6332**07166**Grub screw with
hexagon socket and
pointed end
DIN EN ISO 4027**07131**Torque screws
with slot coupling**07113**Grippers and inserts
round**07121**Grub screws
with ball thrust point**07167**Grub screws with hex
socket and pin
DIN EN ISO 4028**07132**Torque screws
with support pin**07113**Grippers and inserts
round
with counterbore**07140**Thrust pads
DIN 6311 enhanced**07630**Grub screws
DIN 551**07133**

Torque grips

**07114**Gripper screws
hexagonal**07141**Thrust pads
with retaining pin**07670**Studs with screw-in
stop for gluing in**07134**Torque screws
with ball thrust points**07115**

Grippers square

**07142**

Thrust pads

**07124**Torque grips
precision version**07138**Thrust washers, steel
with snap ring**07115-10**Grippers, tool steel,
rectangular
with counterbore**07143**

Thrust spindles

**07125**

Knurled torque knobs

**07645**HeliCoil®plus
assortment boxes
and repair sets**07116**Gripper pads square
carbide**07144**

Swivel feet

**07126**Triangular torque
grips**07645**HeliCoil®plus
threaded inserts with
tang**07117**

Grippers adjustable

**07165**Grub screws with flat
point
hexagon socket
DIN EN ISO 4026**07130**Torque screws
with thrust point**07645-02**Assembly tools
for HeliCoil®plus
threaded inserts

norelem positions

Flexible standardised parts system

**07646**Threaded inserts,
wire-wound and self-
locking with tang**07661**Threaded inserts
reinforced**07679**Hoist screws VDI
3366**07710**Ring bolts
swivel and 360°
rotatable, grade 8**07646-02**Assembly tools for
wire-wound threaded
inserts with tang**07661**Assembly tools for
reinforced threaded
inserts**07679-01**

Hoist pins VDI 3366

**07715**

Bow shackles

**07646-50**Tang breaker for
wire-wound threaded
inserts**07661-10**Pneumatic installation
tools for threaded
inserts**07680**Ring bolts
DIN 580**07716**

D-shackles

**07652**Threaded inserts self-
tapping
with cutting slot**07662**Threaded inserts
solid body**07680-01**Ring bolts
similar to DIN 580**07720**

Weld-on D-rings

**07652**Assembly tools
for self-tapping
threaded inserts**07662**Assembly tools for
solid-body threaded
inserts**07690**Ring nuts
DIN 582**07725**Hoist rings 360°
rotation
grade 10**07653**Threaded inserts self-
tapping
with cutting bores**07663**Threaded inserts
with internal thread,
self-locking**07690-01**Ring nuts
similar to DIN 582**07730**Hoist rings, steel with
U-bracket, rotates
through 360 degrees**07660**

Threaded inserts

**07664**Threaded inserts
reinforced
internal thread, self-
locking**07695**Ring bolts rotatable
high-strength
grade 10**07735**Hoist rings with
Envirolox® coating**07660**Assembly tools for
threaded inserts**07666**

Repair kit

**07695-01**Ring bolts, stainless
steel, revolving
high-strength**07750**

Lifting rings



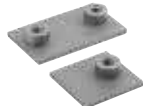
norelem positions

Flexible standardised parts system

 07752 Hoist rings steel with lateral swivel, rotates through 360 degrees	 07781 Locating bushes for ball lifting pins stainless steel, flat	 07791 Slip hooks grade 10	 + 07800 Shaft collars set screw DIN 705, steel
 07770 Hoist rings steel or stainless steel	 07782 Lifting pins self-locking, stainless steel	 07792 Self-locking hooks grade 10	 07800 Shaft collars set screw DIN 705, steel
 07772 Hoist rings, steel, swivel 180 degrees	 + 07785 Threaded hoist pins, self-locking, steel	 07794 Swivel hooks grade 10	 07800 Shaft collars set screw DIN 705, stainless steel
 07774 Hoist rings	 + 07785-01 Threaded hoist pins, self-locking, stainless steel	 07795 Connecting links grade 10	 + 07805 Shaft collars with wing grip similar to DIN 705, steel
 07775 Hoist rings with axial ring, rotates through 360 degrees	 + 07785-05 Threaded hoist pins, self-locking, steel with rotating shackle	 07796 Round sling hooks grade 8	 07810 One-piece shaft collars, slitted inside
 07780 Lifting pins self-locking	 + 07785-06 Threaded hoist pins, self-locking, stainless steel with rotating shackle	 07797 Round sling links grade 8	 07810 One-piece shaft collars, slitted outside
 07780 Lifting pins self-locking, stainless steel	 + 07785-10 Threaded lifting pins, stainless steel, self-locking with grip	 07798 Round slings	 07810 Shaft collars one-piece, with clamping lever
 07781 Receiver bushes, for ball lifting pins, stainless steel	 + 07790-01 Carabiner clips DIN 5299, steel Form C	 07798-02 Lifting slings	 + 07810-03 One-piece shaft collars, steel or stainless steel, slitted inside with support face

norelem positions

Flexible standardised parts system

**07810-05**
Shaft collars, plastic**07815**
Shaft collars
wide, for flat-milled
shafts**07840-18**
Inserts for clamp
fitting
DIN 3015-1 light
series**07841-20**
Support rails for
clamp fittings
DIN 3015 part 2**07811**
Shaft collars one-
piece
wide**07820**
Ratchet elements
steel or stainless
steel**07840-20**
Support rails for
clamp fittings
DIN 3015 parts 1
and 3**07841-22**
Support rail nuts for
clamp fittings
DIN 3015-2 heavy
duty series**07811**
Shaft collars one-
piece,
wide, slitted inside**07840**
Clamp fittings
DIN 3015-1 light
series
with ribbed inner
face, compressing**07840-22**
Support rail nuts for
clamp fittings
DIN 3015 parts 1
and 3**07842**
Clamp fittings
DIN 3015-3 double
with ribbed inner
face, compressing**07811**
Shaft collars one-
piece,
wide, slitted outside**07840-01**
Clamp fittings
DIN 3015-1 light
series
with smooth
inner face, non-
compressing**07841**
Clamp fittings
DIN 3015-2 heavy
duty series
with ribbed inner
face, compressing**07842-01**
Clamp fittings
DIN 3015-3 double
with smooth
inner face, non-
compressing**07812**
Shaft collars two-
piece**07840-10**
Weld-on plates for
clamp fitting
DIN 3015-1 light
series**07841-01**
Clamp fittings
DIN 3015-2 heavy
duty series
with smooth
inner face, non-
compressing**07842-10**
Weld-on plates for
clamp fittings
DIN 3015-3 double
clamp**07812-05**
Two-piece shaft
collars, steel or
stainless steel
with support face**07840-11**
Weld-on plates, long,
for clamp fitting
DIN 3015-1 light
series**07841-10**
Weld-on plates for
clamp fitting
DIN 3015-2 heavy
duty series**07842-11**
Weld-on plates, long,
for clamp fittings
DIN 3015-3 double
clamp**07813**
Shaft collars two-
piece
wide**07840-12**
Weld-on plate,
double, for clamp
fittings
DIN 3015-1 light
series**07841-11**
Weld-on plates, long,
for clamp fitting
DIN 3015-2 heavy
duty series**07842-17**
Cover plates for
DIN 3015-3
double clamp fittings**07814**
Shaft collars
with thread**07840-17**
Cover plates for
clamp fitting
DIN 3015-1 light
series**07841-17**
Cover plates for
clamp fitting
DIN 3015-2 heavy
duty series**07850**
Hose clips, steel (W1)
DIN 3017-1
strap width 9 mm
and 12 mm

norelem positions

Flexible standardised parts system

**07850-01**

Hose clips, stainless
steel (W4)
DIN 3017-1
strap width 9 mm
and 12 mm

**07850-10**

Pipe clips DIN 1596,
single leg, lightweight

**07850-11**

Pipe clips DIN 1597,
double leg, lightweight



08000



STANDARD COMPONENTS



Drilling jigs

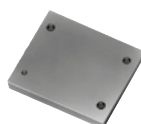
Drill bushes

norelem positions

Flexible standardised parts system

08000

Drilling plates

**08570**Drilling plates
DIN 6348 enhanced**08900**Drill bushes
cylindrical steel
DIN 179**08930**Punch guide bushes
DIN 9845 Form C**08050**Hinge blocks
long**08580**Base plates
DIN 6348**08901**Cylindrical drill
bushes stainless steel
DIN 179**08100**Hinge blocks
short**08600**Extension columns
short**08910**Drill bushes flanged
steel DIN 172**08150**

Latch

**08610**Extension columns
long**08911**Flanged drill bushes
stainless steel
DIN 172**02010**Rest pad hardened
and ground steel,
without centring**08630**Drilling jigs for
cylindrical parts**08920**Drill bushes push-in
DIN 173**08180**

Thrust washers, steel

**08640**Index drilling discs
for drilling jig for
cylindrical parts**08920**Drill bushes push-in
DIN 173-1**08270**Drilling plates
with short hinge
block**08650**Drill bush holder
plates for drilling jig
for cylindrical parts**08926**Clamping bushes
DIN 173-1**08280**Drilling plates
with long hinge block**08710**V-blocks
with stop**08927**Shoulder screws
flathead for DIN 173
drill bushes

09000



STANDARD COMPONENTS



Deep pot magnets

Shallow pot magnets

Rubber-coated magnets

Raw magnets

Pinboard magnets

Other magnets

Electromagnets

norelem positions

Flexible standardised parts system

**09060**Magnets deep pot
AlNiCo with fitting
tolerance**09098**

Magnets button

**09070**Magnets shallow pot
with counterbore
hard ferrite**09096**

Magnets shallow pot

**09061**Magnets deep pot
AlNiCo without fitting
tolerance**09117**Magnets deep pot
with threaded pin
NdFeB, rubber
magnetic face**09070-10**Magnets shallow pot
with counterbore
SmCo with stainless-
steel housing**09110**Protective rubber
caps for shallow pot
magnets**09063**Magnets deep pot
with pin
AlNiCo**09064**Magnets shallow pot
hard ferrite**09071**Magnets shallow pot
with countersink
hard ferrite**09112**Magnets shallow pot
with internal thread
NdFeB, with rubber
protective jacket**09067**Magnets deep pot
SmCo**09065**Magnets shallow pot
with thread
hard ferrite**09071-10**Magnets shallow pot
with countersink
hard ferrite with
stainless-steel
housing**09112-10**Magnets with internal
thread
NdFeB, rectangular,
with rubber protective
jacket**09067-10**Magnets deep pot
NdFeB**09065-10**Magnets shallow pot
with internal thread
hard ferrite with
stainless-steel
housing**09071-20**Magnets shallow pot
with countersink
SmCo**09114**Magnets shallow pot
with tapped pin
NdFeB, with rubber
protective jacket**09067-11**Magnets deep pot
with machinable
magnetic face
NdFeB**09066**Magnets shallow pot
SmCo**09071-30**Magnets shallow pot
with countersink
NdFeB**09116**Magnets shallow pot
with threaded pin
NdFeB, with rubber
protective jacket**09068**Magnets deep pot
with internal thread
NdFeB**09069**Magnets shallow pot
NdFeB**09072**Magnets shallow pot
with internal thread
NdFeB**09118**Magnets shallow pot
with through hole
NdFeB, with rubber
protective jacket**09094**

Magnets deep pot

**09069-10**Magnets shallow pot
with hook
NdFeB**09072-10**Magnets shallow pot
with internal thread
hard ferrite**09000**Magnets raw
NdFeB, disc form

norelem positions

Flexible standardised parts system



09001

Magnets raw with hole
NdFeB, disc form



09210

Magnetic base,
permanent



09002

Magnets raw
NdFeB, block form



09220

Magnetic bushes



09003

Magnets raw
AlNiCo, bar type



09221

Pin for magnetic bush



09119

Retaining magnets
hard ferrite



09230

Magnetic clamping
balls



09119-10

Magnets (retaining
magnets), hard ferrite,
with norelem logo



09130

Magnets, round
(electromagnets)



09060

Permanent
workholding magnets
with fine pole division



09131

Magnets, rectangular
(electromagnets)



09100

Magnets strong



09132

Magnets, round
(permanent
electromagnets)



09150

Magnetic pickup



09133

Magnets, rectangular
(permanent
electromagnets)

10000



STANDARD COMPONENTS



Aluminium profiles

Connector for aluminium profiles

Surface fastenings

Covers for aluminium profiles

Special element for aluminium profiles

Classification systems

Lean tube connector Ø30 type I

Steel assembly systems

norelem assemblies

Mounting system



10025
Aluminium profiles
30x30 light
Type I



10048
Aluminium profiles
40x40
Type I



10157
Aluminium profiles
90x90 light
Type B



10200
Connecting sets
standard
Type I



10025
Aluminium profiles
60x60 light
Type I



10048
Aluminium profiles
80x80
Type I



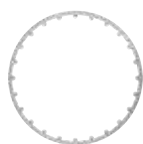
10157
Aluminium profiles
45x45 light
Type B



10202
Connecting sets
universal
Type I



10025
Aluminium profiles
30x60 light
Type I



10050
Aluminium profiles
D50
Type I, tube



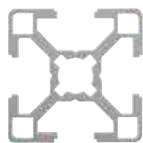
10157
Aluminium profiles
45x90 light
Type B



10204
Connecting sets
central
Type I



10045
Aluminium profiles
40x80 light
Type I



10140
Aluminium profiles
30x30
Type B



10160
Aluminium profiles
45x45
Type B



10205
Connecting sets
central
Type B



10045
Aluminium profiles
40x40 light
Type I



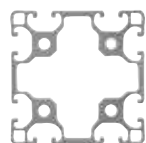
10140
Aluminium profiles
30x60
Type B



10160
Aluminium profiles
45x60
Type B



10206
Connecting sets
central
Type B



10045
Aluminium profiles
80x80 light
Type I



10142
Aluminium profiles
40x40 light
Type B



10160
Aluminium profiles
45x90
Type B



10210
Connecting sets
automatic
Type I



10048
Aluminium profiles
16x40
Type I



10142
Aluminium profiles
40x80 light
Type B



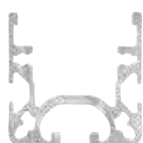
10160
Aluminium profiles
90x90
Type B



10212
Connecting sets
automatic
Type B



10048
Aluminium profiles
40x80
Type I



10051
Aluminium profiles
40x40
for roller rails, Type I



10161
Aluminium profiles
40x40
for roller rails, Type B



10215
Pin connector sets
Type B

norelemassembles

Mounting system

 10220 Cube connector sets Type B	 10244 Fastening sets for straps and angles	 + 10254-20 Post brackets type B and type I	 + 10271-01 Friction joints, adjustable, single 40/40 type B
 10228 Central screws Type B	 10250 Angle sets Type I	 + 10254-30 Type B foot plates	 + 10271-20 Friction joint, single 40/40 type I
 10228-01 Threaded insert, steel, self-tapping, type B	 10252 Angle sets Type B	 10260 Angle elements T1 Type I	 + 10271-21 Friction joint, single 40/40 type B
 10228-01 Assembly tool, steel, for self-tapping threaded inserts type B	 + 10252-05 Angle sets Type B	 10261 Angle elements T2 Type I	 + 10271-22 Friction joint, single 40/80 type I
 10230 Butt connector sets automatic Type I	 + 10252-10 End caps for angle sets type B	 10265 Clamping angles Type I	 + 10271-23 Friction joint, single 40/80 type B
 + 10240 Straps	 + 10253 Floor bracket type B and type I	 10266 Joint angles Type I	 + 10271-24 Friction joint, double 40/80/40 type I
 + 10242 Angles	 + 10254 Foot brackets for type B and type I	 10270 Joints Type B and Type I	 + 10271-25 Friction joint, double 40/80/40 type B
 10242-01 Angle steel	 + 10254-10 Profile brackets type B and type I	 + 10271 Friction joints, adjustable, single 40/40 type I	 + 10271-26 Friction joint, single 45/45 type B

norelem assemblies

Mounting system



10271-27
Friction joint, single
45/90
type B



10350-15
Glass pane holders



10448
Plastic roller
elements
for roller rails



10448-08
Plastic slide rails
for roller rails



10271-28
Friction joint, double
45/90/45
type B



10350-16
Corner connectors for
glass pane holders



10448-01
Stainless steel brakes
for roller elements



10448-50
End plates, steel
for roller rails



10271-29
Connection friction
joints 40/40
type I



10300
End caps Type B and
Type I



10448-02
Plastic roller
elements, compact
for roller rails



10448-51
Suspension brackets,
steel
for roller rails



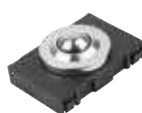
10271-30
Connection friction
joints 40/80
type I



10315
Cover and adapter
profiles
Type B and Type I



10448-03
Ball transfer units
for roller rails



10448-52
Mounting brackets,
steel
for roller rails



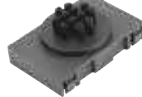
10271-31
Connection friction
joints 40/45
type B



10320
Cover profiles
Type I



10448-04
Brush elements,
plastic
for roller rails



10449
Profile slider



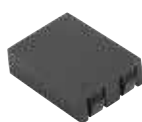
10350
Holder for panel
elements (Multiblock
25)
type B and type I



10330
Slide rails
Type I



10448-05
Spacers, plastic
for roller rails



10449
Profile slider
with clamping lever



10350-01
Spacer
for holder for panel
elements (Multiblock
25)



10347
Foot plates
Type B and Type I



10448-06
Backstop elements,
steel
for roller rails



10450
Roller elements



10350-10
Holder for panel
elements (mesh
holder)



10400
Bearing flange
for feed roller



10448-07
Plastic slide ramps
for roller rails



10451
Cable tie block



norelem assemblies

Mounting system

10453

Cable clips

**10471**Potential equaliser
Type I**10550-10**Swivel adapter,
antistatic plastic
for profile slots**10901-04**T connector Ø30 with
connection to type I
slot 8
with rotation lock**10454**Cable clips with T-slot
key**10500**Eccentric clamp
modules, steel**10550-15**Cup holder plastic
for aluminium
profiles, closed or
open**10901-08**Cross connector Ø30
type I**80900**Bracket with hook
and loop fastener
for screw mounting**10505**Cam clamps, steel or
plastic, for eccentric
clamp modules**10550-15**Cup holder plastic,
antistatic
for aluminium
profiles, closed**10901-10**Parallel connector
Ø30 type I**80900-05**Bracket with hook
and loop fastener
for aluminium profiles**10550**Clip-in shell bins,
plastic
for profile slots type
I and type B and
mounting profiles**10900**Round tube,
aluminium Ø30 type I**10901-12**Connector 45° Ø30
type I
with rotation lock**80901**Hook and loop
fastener on a roll
self-extinguishing**10550**Clip-in shell bins,
antistatic plastic
for profile slots type
I and type B and
mounting profiles**10900-01**Profile tube,
aluminium Ø30 type I**10901-20**Angle strut 90° Ø30
type I**80902**Hook and loop belt
with buckle plastic
self-extinguishing**10550-05**Clip-in bins, plastic
for type I and type
B profile slots and
mounting profiles**10900-02**Profile tube,
aluminium Ø30 heavy
duty type I**10901-25**Butt connector 90°
Ø30 type I
with rotation lock**10460**

Sensor holders

**10550-05**Clip-in bins, antistatic
plastic
for mounting profiles**10900-05**Profile tube,
aluminium Ø30 slot
8 type I**10901-30**Ball connector Ø30
type I
with rotation lock**10470**Earthing terminal
Type I**10550-10**Swivel adapter,
plastic for profile
slots**10901**T connector Ø30
type I
with rotation lock**10901-32**Ball cross connector
Ø30 type I
with rotation lock

norelem assemblies

Mounting system



10901-34
Ball butt connector
Ø30 type I
with rotation lock



10908-15
Panel suspensions
Ø30 type I



10920
Rollers with ball
bearing



+ **10921-15**
Mounting bracket
Ø30, steel
for roller tracks, steel



10901-99
End caps for Ø30
connectors type I



10908-20
Clips Ø30 type I



10920-02
Rollers Ø30 type I



+ **10921-20**
Guide rails, plastic
for roller tracks, steel



10905
Connector plates Ø30
type I



10910
Label holders Ø30
type I
transparent



10920-10
Plain bearings Ø30
type I



+ **10921-21**
Guide rails central,
plastic
for roller tracks, steel



10908
Threaded inserts Ø30
type I



10910-02
Label holders Ø30
type I
transparent, self
adhesive



+ **10921**
Roller track steel



+ **10925-10**
C-profile mounting
rails System 28, with
holes



10908-10
Locking clips Ø30
type I



10912
Protective caps Ø30
type I



+ **10921-10**
Butt connector, steel,
for roller tracks, steel



+ **10925-30**
C-profile mounting
rails System 41, with
holes



10908-06
Multiblocks Ø30
type I



10912-05
End caps Ø30 for
profile tubes type I



+ **10921-11**
Suspension bracket Ø
30, steel
for roller tracks, steel



+ **10925-50**
Profile feet
for C-profile mounting
rails System 28 and
41



10908-12
Surface attachment
Ø30 type I



10915
Slide rails Ø30 type I



+ **10921-12**
Suspension bracket
variable Ø 30, steel,
for roller tracks, steel



+ **10925-51**
Profile feet, lateral
for C-profile mounting
rails System 28 and
41



10908-13
Table plate fastenings
Ø30 type I



10916
Cable tie blocks Ø30
type I



+ **10921-13**
Suspension bracket
40, steel,
for roller tracks, steel



+ **10925-54**
Rail connector
for C-profile mounting
rails System 28

norelem assemblies

Mounting system



10925-55
Rail connector
for C-profile mounting
rails System 41



10925-71
Beam clamps
for C-profile mounting
rails System 28 and
41



10925-57
Rail connector, heavy
duty
for C-profile mounting
rails System 41



10926
Brackets
System 28



10925-60
Connection bracket
45° pre-assembled
for C-profile mounting
rails System 41



10926-02
Brackets
System 41



10925-62
Connection bracket
90° pre-assembled
for C-profile mounting
rails System 41



10926-03
Brackets, transverse
System 41



10925-63
Connection bracket
90°
for C-profile mounting
rails System 28 and
41



10926-10
Brackets, heavy duty
System 41



10925-65
Triangular strap
for C-profile mounting
rails System 28 and
41



10925-66
Frame bracket
for C-profile mounting
rails System 28 and
41



10925-70
Clamping bracket
for C-profile mounting
rails System 28 and
41



12000



STANDARD COMPONENTS



Pneumatic cylinder

Fastening elements for pneumatic cylinders

norelem assemblies

Mounting system



12000
Pneumatic cylinders
DIN ISO 15552
standard cylinder



12021-02
Flange brackets
for ISO 15552 / 21287



12021-30
Bearing bracket,
spherical
for ISO 15552 / 21287



12001
Pneumatic compact
cylinders
DIN ISO 21287,
double-acting with
magnetic piston



12021-08
Swivel flange
for ISO 15552 / 21287



12021-90
Hinge pins
for ISO 15552 / 21287



12002
Pneumatic round
cylinders
DIN ISO 6432,
double-acting with
magnetic piston



12021-09
Bearing blocks for
swivel flanges
for ISO 15552 / 21287



12021-91
Hinge pin with
rotation lock
for ISO 15552 / 21287



12020
Foot brackets
for ISO 6432



12021-15
Swivel flanges
for ISO 15552 / 21287



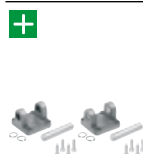
12020-02
Flange mountings
for ISO 6432



12021-17
Swivel flanges,
spherical
for ISO 15552 / 21287



12020-04
Hinge brackets with
pin for ISO 6432



12021-20
Swivel flanges, clevis
type
for ISO 15552 / 21287



12020-08
Swivel mounts
for ISO 6432



12021-23
Swivel flange clevis-
type with rotation lock
for ISO 15552 / 21287



12021
Foot brackets
for ISO 15552 / 21287

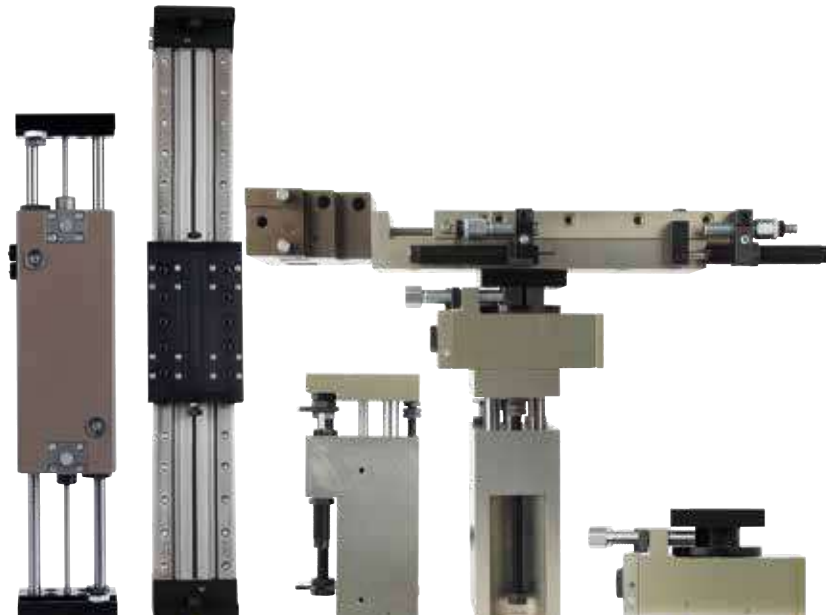


12021-28
Hinge brackets
for ISO 15552 / 21287

20000



STANDARD COMPONENTS



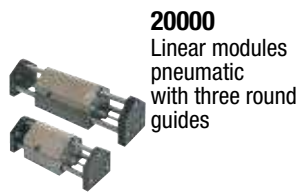
Linear modules, linear gantry modules (pneumatic)

Linear actuators with toothed belt drive

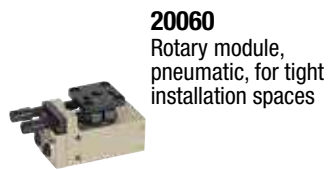
Linear actuators with ball screw

norelem moves

Systems and components for machine and plant construction



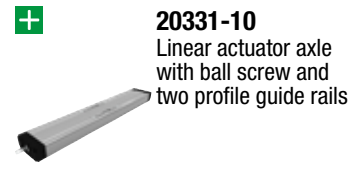
20000
Linear modules
pneumatic
with three round
guides



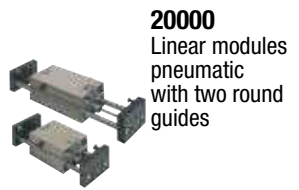
20060
Rotary module,
pneumatic, for tight
installation spaces



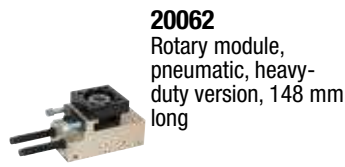
20240
Centring rings



20331-10
Linear actuator axle
with ball screw and
two profile guide rails



20000
Linear modules
pneumatic
with two round
guides



20062
Rotary module,
pneumatic, heavy-
duty version, 148 mm
long



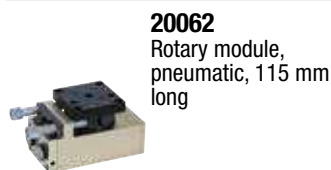
20300
Linear actuators with
toothed belt drive
and profile rail guide



20331-20
Clamping rails for
linear actuator with
ball screw



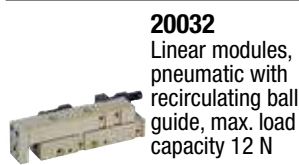
20010
Stop screw steel
grade 8.8



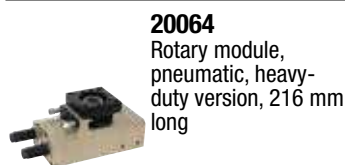
20062
Rotary module,
pneumatic, 115 mm
long



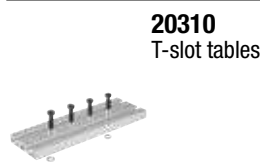
20300
Protective caps



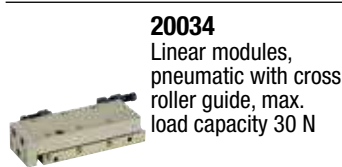
20032
Linear modules,
pneumatic with
recirculating ball
guide, max. load
capacity 12 N



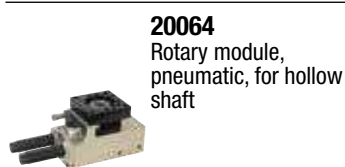
20064
Rotary module,
pneumatic, heavy-
duty version, 216 mm
long



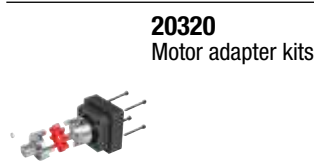
20310
T-slot tables



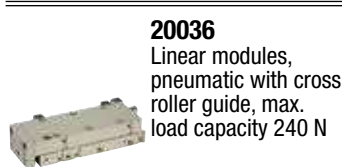
20034
Linear modules,
pneumatic with cross
roller guide, max.
load capacity 30 N



20064
Rotary module,
pneumatic, for hollow
shaft



20320
Motor adapter kits



20036
Linear modules,
pneumatic with cross
roller guide, max.
load capacity 240 N



20100
Grip module
parallel grippers



20321
Adapter plates,
aluminium



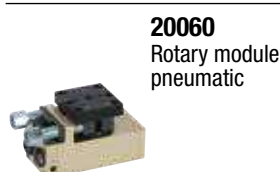
20050
Lifting units
pneumatic
with rail guide



20200
Linear gantry module
with rail guides



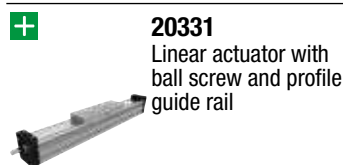
20330
Synchronisation sets



20060
Rotary module
pneumatic



20200
Linear gantry module
with round guides



20331
Linear actuator with
ball screw and profile
guide rail

21000



STANDARD COMPONENTS



Linear glide guides

Telescopic slides

Round guides

Scales

Sliding and shaft clamps

Position indicator

Position sensors

Carriage guides

Positioning systems

Motorised positioning systems

Double tube linear actuator

Roller guide rail

Linear roller guide

Profile guide rails

Linear ball bearings,
linear plain bearings

Level vials

Guide columns and guide pins

norelem moves

Systems and components for machine and plant construction

21200
Carriages DryLin® T



+ **21235-01**
Miniature carriages
for 15 mm width



+ **21235-30**
Miniature guide rails,
width 40 mm



21245-01
Rotary stage plain
bearings, aluminium



21200
Guide rails DryLin® T



+ **21235-03**
End caps for 15 mm
width



+ **21235-31**
Miniature carriages
for 40 mm width



+ **21332-05**
Telescopic slides,
aluminum, for
side mounting, full
extension, load
capacity up to 4 kg



21210
Miniature linear
guides DryLin® T



+ **21235-10**
Miniature guide rails,
width 20 mm



+ **21235-33**
End caps for 40 mm
width



+ **21332-15**
Telescopic slides,
aluminum, for side
mounting, partial
extension both sides,
load capacity up to
7 kg



21230
Miniature slide guides
DryLin® N, width
17 mm



+ **21235-11**
Miniature carriages
for 20 mm width



21240
Carriages DryLin® W



+ **21332-40**
Telescopic slides,
stainless steel, for
side mounting,
over-extension, load
capacity up to 12 kg



21230
Miniature slide guides
DryLin® N, width
27 mm



+ **21235-13**
End caps for 20 mm
width



21240
Slide carriages
DryLin® W



+ **21333-90**
Telescopic slides,
stainless steel, for
side mounting, full
extension, load
capacity up to 15 kg



21230
Miniature slide guides
DryLin® N, width
40 mm



+ **21235-20**
Miniature guide rails,
width 30 mm



21240
Guide rails DryLin® W
single



+ **21333-95**
Telescopic slides,
stainless steel, for
side mounting, partial
extension both sides,
load capacity up to
18 kg



21230
Flat guides DryLin® N



+ **21235-21**
Miniature carriages
for 30 mm width



21240
Guide rails DryLin® W
double



21334
Telescopic slides,
steel
for side mounting
full extension, load
capacity up to 20 kg



+ **21235**
Miniature guide rails,
width 15 mm



+ **21235-23**
End caps for 30 mm
width



21245
Rotary stage plain
bearing,s aluminium,
light style



21334-01
Steel telescopic
slides
for side mounting,
partial extension, load
capacity up to 20 kg



norelem moves

Systems and components for machine and plant construction

21334-03

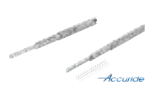
Steel telescopic slides
for side mounting,
full extension, load
capacity up to 30 kg

**21334-40**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 60 kg

**21334-65**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 68 kg

**21334-94**

Stainless steel
telescopic slides
for side mounting,
over-extension, load
capacity up to 90 kg

**21334-05**

Telescopic slides,
steel
for surface mounting,
partial extension both
sides, load capacity
up to 35 kg

**21334-45**

Telescopic slides,
steel
for side mounting,
partial extension, load
capacity up to 65 kg

**21334-70**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 70 kg

**21334-95**

Telescopic slides,
stainless steel
for side mounting,
over-extension, load
capacity up to 90 kg

**21334-10**

Telescopic slides,
steel
for side mounting,
full extension, load
capacity up to 45 kg

**21334-50**

Telescopic slides,
stainless steel
for side mounting,
partial extension, load
capacity up to 65 kg

**21334-75**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 70 kg

**21335**

Telescopic slides,
steel
for side mounting,
full extension, load
capacity up to 55 kg

**21334-15**

Telescopic slides,
steel
for side mounting,
full extension, load
capacity up to 50 kg

**21334-53**

Steel telescopic
slides
for side mounting,
full extension, load
capacity up to 68 kg

**21334-80**

Telescopic slides,
stainless steel
for side mounting,
over-extension, load
capacity up to 70 kg

**21335-01**

Telescopic slides,
stainless steel, for
side mounting, full
extension, load
capacity up to 100 kg

**21334-20**

Telescopic slides,
steel
for side mounting,
partial extension, load
capacity up to 50 kg

**21334-54**

Steel telescopic
slides
for side mounting,
full extension, load
capacity up to 68 kg

**21334-85**

Telescopic slides,
stainless steel
for side mounting,
full extension, load
capacity up to 80 kg

**21335-05**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 100 kg

**21334-25**

Telescopic slides,
steel
for side mounting,
partial extension both
sides, load capacity
up to 50 kg

**21334-55**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 68 kg

**21334-86**

Stainless steel
telescopic slides
for side mounting,
full extension, load
capacity up to 80 kg

**21335-10**

Telescopic slides,
steel
for side mounting,
full extension, load
capacity up to 124 kg

**21334-30**

Telescopic slides,
steel
for side mounting,
partial extension, load
capacity up to 50 kg

**21334-60**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 68 kg

**21334-90**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 82 kg

**21335-15**

Telescopic slides,
steel
for side mounting,
full extension, load
capacity up to 160 kg

**21334-35**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 55 kg

**21334-63**

Steel telescopic
slides
for side mounting,
over-extension, load
capacity up to 68 kg

**21334-93**

Telescopic slides,
stainless steel, for
side mounting, full
extension, load
capacity up to 90 kg

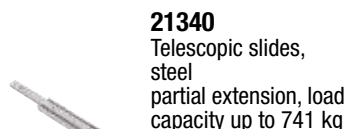
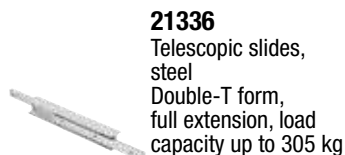
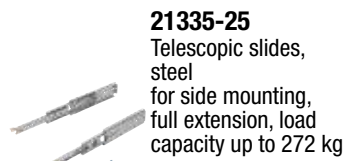
**21335-20**

Telescopic slides,
steel
for side mounting,
over-extension, load
capacity up to 160 kg



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Systems and components for machine and plant construction



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Systems and components for machine and plant construction



21575
Traverses fixed



21577
Traverses moveable



21580
Shaft supports



21580-10
Shaft supports,
aluminium, compact



21582
Shaft supports
standard



21596
Clamping elements
for round guides



21880
Linear scales
self-adhesive,
stainless steel



21882
Linear scales,
aluminium, self-
adhesive or with
holes, thickness 2
mm



21884
Linear scales,
aluminium, self-
adhesive or with
holes, thickness 6
mm



21886
Scale tape, steel
self-adhesive



21888
Sliding clamps for
slotted holes



21888-05
Shim plates for
sliding clamps for
slotted hole



21888-10
Sliding clamps for
square bars



21888-15
Base plates for
sliding clamp for
square bars



21889
Thrust clamp
stainless steel with
plastic or stainless
steel lever



21889-05
Thrust clamp
stainless steel, heavy
duty version with
stainless steel lever



21889-20
Shaft collars,
aluminium, for thrust
clamps



21901
Position indicators
with hollow steel
shaft, 3 decimal
places



21901-05
Position indicators
with stainless steel
hollow shaft, 3
decimal places



21902
Position indicators
with hollow steel
shaft, 4 decimal
places



21902-05
Position indicators
with stainless steel
hollow shaft, 4
decimal places



21904
Position indicators
with hollow steel
shaft, 5 decimal
places



21904-05
Position indicators
with stainless steel
hollow shaft, 5
decimal places



21922
Position indicators,
freely programmable,
hollow shaft Ø 30 H7



21923
Position indicators,
freely programmable,
hollow shaft Ø 14 H7



21924
Position indicator,
plastic, electronic
IO link interface



21924-01
Magnetic sensors,
passive sensors,
miniature design
IO link interface



21940
Reducer sleeves,
steel, for position
indicators



21942
Intermediate plates



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Systems and components for machine and plant construction



21944
Mounting brackets for position indicators



21725
Magnetic tape scale with incremental coding, 5 mm pole length



21030
Dovetail slides



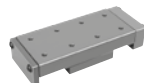
21050
Guide rails for cross rollers



21952
Adjusting knobs with position indicator digital display



21730
Hollow shaft sensors with magnetic scanning



21031
Dovetail slides with end plates



21052
Roller cages for guide rails



21962
Position indicators for handwheels analogue-digital display



21740
Reducer sleeves stainless steel



21032
Dovetail slides with micrometer spindle



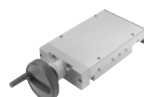
21054
Guide rails Teflon-coated



21972
Handwheels for position indicators



21000
Dovetail slides with micrometer spindle



21033
Dovetail slides with micrometer spindle and handwheel



21060
Dovetail slides with location holes



21975
Cycle counter, mechanical square design



21000
Straps



21034
Precision slides roller mounted



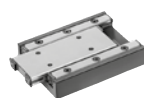
21061
Dovetail slides with end plates and location holes



21700
Position indicator quasi-absolute, mains-independent, indicator accuracy 10 µm, small design



21000
Fastening screws for cross table mounting



21035
Slides mini roller mounted



21062
Dovetail slides with micrometer spindle and location holes



21702
Position indicator quasi-absolute, mains-independent, indicator accuracy 10 µm



21010
Dovetail slides with micrometer spindle and location holes



21038
Precision slides roller mounted with end plates



21064
Precision slides roller mounted with location holes



21720
Magnetic sensors passive sensors, miniature design



21010-01
Mounting brackets, aluminium, for carriage guides



21040
Precision slides roller mounted with micrometer spindle



21068
Precision slides roller mounted with end plates and location holes

norelemmoves

Systems and components for machine and plant construction

21070

Precision slides
roller mounted with
micrometer spindle
and location holes



21132

Cross stages, short
with position
indicators



21141

Vertical stages with
mechanical position
indicator



21161-20

Counter bearing for
rotary positioning
stage



21100

Positioning stages,
short



21133

Cross slides, short
with electronic
position indicator



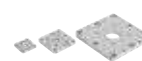
21142

Vertical stages
with electronic
position indicator



21161-30

Adapter plate for
positioning system



21102

Positioning stages,
short
with position indicator



21134

Cross stages, long



21150

Rotary discs



21162

Swivel angles



21104

Positioning stages,
short
with electronic
position indicator



21136

Cross stages, long
with position
indicators



21160

Rotary positioning
stages



21170

Pivot heads
swivel angle 30°



21120

Positioning stages,
long



21137

Cross slides, long
with electronic
position indicator



21160

Rotary positioning
stages



21180

Baseplates



21122

Positioning stages,
long
with position indicator



21138

Vertical bracket
short



21161

Rotary positioning
stages with position
indicators



21190

Angle plates



21124

Positioning stages,
long
with electronic
position indicator



21139

Vertical bracket
long



21161-10

Rotary stages with
electronic position
indicator



21080

Positioning stages
short
with coaxial electric
drive



21130

Cross stages, short



21140

Vertical stages



21161-10

Rotary stages with
electronic position
indicator



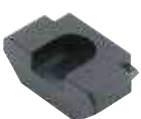
21081

Positioning stages
short with lateral
electric drive



norelem moves

Systems and components for machine and plant construction

 21082 Positioning stages long with coaxial electric drive	 21093 Sensor holder	 21322 Roller carriages aluminium	+  21324 Miniature roller guide rails, width 30 mm, parallel rollers
 21083 Positioning stages long with lateral electric drive	 21094 Sensor holder	 21322 Roller guide rails, steel, track hardened and ground	+  21324-01 Miniature roller guide carriage for width 30 mm, parallel rollers
 21085 Positioning stages rotary with coaxial electric drive	 21250 Double tube linear actuators with trapezoidal screw drive	+  21323 Miniature roller guide rails, width 13 mm, vertical rollers	+  21325 Miniature roller guide rails, width 25 mm, Dual X
 21085-01 Rotary stages with coaxial electric drive medium load	 21250-01 Double tube linear actuator with mounting bracket	+  21323-01 Miniature roller guide carriage for 13 mm width, rollers vertical	+  21325-01 Miniature roller guide carriage for 25 mm width, Dual X
+  21085-02 Rotary positioning stages for high loading with coaxial electric drive	 21320 Roller carriages compact and heavy-duty version	+  21323-03 End caps for width 13 mm, vertical rollers	 21325-03 End caps for width 25 mm, Dual X
+  21085-10 Rotary positioning stages with toothed belt drive	 21320 Roller guide rails, steel	+  21323-10 Miniature roller guide rails, width 20 mm, rollers vertical	+  21325-10 Miniature roller guide rails, width 32 mm, Dual X
 21090 Mounting plates horizontal	 21322 Roller carriages steel	+  21323-11 Miniature roller guide carriage for 20 mm width, rollers vertical	+  21325-11 Miniature roller guide carriage for 32 mm width, Dual X
 21091 Mounting plates vertical	 21322 Roller guide carriages, steel, with lateral sealing lips	+  21323-13 End caps for width 20 mm, vertical rollers	+  21329 Linear ball bearing with internal race, aluminum, load capacity up to 5 kg

norelem moves

Systems and components for machine and plant construction



21329-40

Linear ball bearing with internal race, stainless steel, load capacity up to 24 kg



21404

Carriages compact



21420

Miniature carriages stainless steel



21505

Linear ball bearings with steel cage



21330

Linear ball bearing with internal race, steel, load capacity up to 3,959 kg



21406

Carriages compact, short



21425

Miniature profile guide rails stainless steel



21505-01

Linear ball bearings stainless steel



21350

Roller carriage for straight linear guide rails



21410

Profile guide rails



21427

Adapter plates for clamping elements



21510

Linear ball bearings self-aligning



21351

Roller carriage for linear guide rails



21411

Carriage, steel, standard, with recirculating ball guide for profile guide rails



21427

Clamping elements for profile guide rails



21511

Miniature linear ball bearing



21355

Linear guide rails straight



21411-05

Carriages with flange



21427-01

Clamping elements for miniature profile guide rails



21511-01

Linear ball bearing, plastic, compact, self-aligning



21356

Linear guide rails curved



21411-10

Carriages compact



21495-01

Linear plain bearings



21511-02

Linear ball bearing, steel, compact



21400

Carriage, steel, standard, with recirculating ball guide for profile guide rails



21411-15

Carriages compact, short



21500

Linear ball bearings with plastic cage



21515

Linear ball bearings self-aligning, high load rating



21402

Carriages with flange



21411-20

Profile guide rails



21500-10

Tandem linear ball bearings, steel with plastic cage



21516

Recirculating ball bushes steel



norelemmoves

Systems and components for machine and plant construction

**21516-10**
Ball guides steel**21812**Tubular bubble levels
with frame to screw
on**21516-15**
Ball cages brass**21597**
Guide columns steel
with centring collar**21800**
Bullseye levels
in frame, to screw on**21597-05**
Guide columns steel
without centring
collar**21802**
Bullseye levels
in plastic frame**21597-10**
Guide pins with collar,
steel**21804**
Bullseye levels
with bead-edged
frame**21597-15**
Ball guide pins steel**21806**
Bullseye levels
in round frame**21597-20**
Ejecting pins steel**21808**
Bullseye level body**21597-25**
Inclined columns
steel with tapered
collar**21810**
Bullseye level body
plastic

22000



STANDARD COMPONENTS



Toothed belts, toothed belt pulleys

V-belts, V-belt pulleys

Spur gears, racks

Bevel gears

Chains, sprockets

Worm screws, worm wheels

Transmission

norelem moves

Systems and components for machine and plant construction



22002
Toothed belt pulleys
T profile



22008
Splined shafts
AT profile



22062
Toothed belt
profile HTD 8M



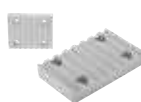
22400
Spur gears in steel,
module 8
toothing milled,
straight teeth,
engagement angle
20°



22003
Toothed belt pulleys
AT profile



22012
Clamp plates for
toothed belts
profile T and AT



22100
Belt tension meter



22400
Spur gears in steel,
module 6
toothing milled,
straight teeth,
engagement angle
20°



22004
Toothed belt pulleys
profile HTD 3M



22052
Toothed belts
T profile



22101
Line laser



22400
Spur gears in steel,
module 1
toothing milled,
straight teeth,
engagement angle
20°



22004
Toothed pulleys
profile HTD 5M



22054
Toothed belts by the
meter
T profile



22102
Tension pulleys



22400
Spur gears in steel,
module 2
toothing milled,
straight teeth,
engagement angle
20°



22004
Toothed pulleys
profile HTD 8M



22057
Toothed belts
AT profile



22070
V-belt pulleys, grey
cast iron
for mounting with
taper clamping
bushes



22400
Spur gears in steel,
module 1.5
toothing milled,
straight teeth,
engagement angle
20°



22005
Toothed pulleys
profile HTD 5M, for
assembly with taper
clamping bushes



22059
Toothed belts by the
meter
AT profile



22071
V-belts DIN 2215



22400
Spur gears in steel,
module 2.5
toothing milled,
straight teeth,
engagement angle
20°



22005
Toothed pulleys
profile HTD 8M, for
assembly with taper
clamping bushes



22062
Toothed belts
profile HTD 3M



22071-02
V-belts DIN 7753



22400
Spur gears in steel,
module 4
toothing milled,
straight teeth,
engagement angle
20°



22007
Splined shafts
T profile



22062
Toothed belt
profile HTD 5M



22400
Spur gears in steel,
module 5
toothing milled,
straight teeth,
engagement angle
20°



22400
Spur gears in steel,
module 3
toothing milled,
straight teeth,
engagement angle
20°



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Systems and components for machine and plant construction



22400-20
Spur gears stainless steel, module 1
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 3
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 1.5
injection moulded,
straight teeth,
engagement angle 20°



22422
Gear racks, plastic
injection moulded,
straight teeth,
engagement angle 20°



22400-20
Spur gears stainless steel, module 1.5
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 4
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 3
injection moulded,
straight teeth,
engagement angle 20°



22425
Gear racks in steel
toothing milled,
straight teeth,
engagement angle 20°



22400-20
Spur gears stainless steel, module 2
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 5
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 1.25
injection moulded,
straight teeth, engagement angle 20°



22425-20
Gear racks round, stainless steel
toothing milled,
straight teeth,
engagement angle 20°



22400-20
Spur gears stainless steel, module 2.5
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 6
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 0.5
injection moulded,
straight teeth,
engagement angle 20°



22430
Bevel gears in steel,
ratio 1:1
toothing milled,
straight teeth,
engagement angle 20°



22400-20
Spur gears stainless steel, module 3
toothing milled,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 1
injection moulded,
straight teeth,
engagement angle 20°



22420
Gear racks in steel
toothing milled,
straight teeth,
engagement angle 20°



22430
Bevel gears in steel,
ratio 1:2
toothing milled,
straight teeth,
engagement angle 20°



22400-20
Spur gears stainless steel, module 4
toothing milled,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 2.5
injection moulded,
straight teeth,
engagement angle 20°



22420-20
Gear racks stainless steel
toothing milled,
straight teeth,
engagement angle 20°



22430
Bevel gears in steel,
ratio 1:3
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 2
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 2
injection moulded,
straight teeth,
engagement angle 20°



22421
Gear racks steel
toothing hardened,
straight teeth,
engagement angle 20°



22430
Bevel gears in steel,
ratio 1:4
toothing milled,
straight teeth,
engagement angle 20°



22401
Spur gears steel,
module 2.5
toothing hardened,
straight teeth,
engagement angle 20°



22402
Spur gears, plastic,
module 0.7
injection moulded,
straight teeth,
engagement angle 20°



22421
Gear racks steel
toothing hardened,
straight teeth,
engagement angle 20°



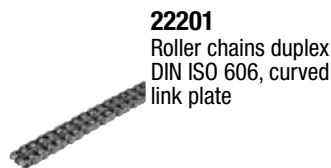
22432
Bevel gears, plastic,
ratio 1:1
injection-moulded,
straight teeth,
engagement angle 20°

norelem moves

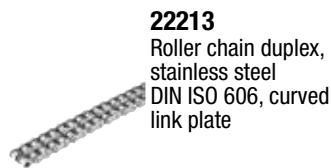
Systems and components for machine and plant construction



22432
Bevel gears, plastic,
ratio 1:1.5
injection moulded,
straight teeth,
engagement angle
20°



22201
Roller chains duplex
DIN ISO 606, curved
link plate



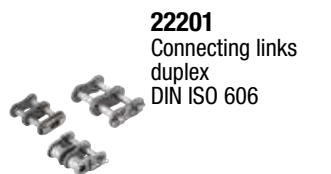
22213
Roller chain duplex,
stainless steel
DIN ISO 606, curved
link plate



22252
Sprockets single
3/8" x 7/32",
DIN ISO 606



22432
Bevel gears, plastic,
ratio 1:2
injection moulded,
straight teeth,
engagement angle
20°



22201
Connecting links
duplex
DIN ISO 606



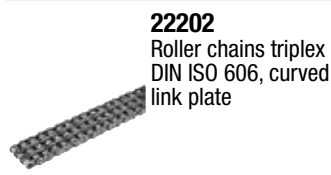
22213
Connecting links
duplex, stainless steel
DIN ISO 606



22252
Sprockets single
1/2" x 5/16",
DIN ISO 606



22432
Bevel gears, plastic,
ratio 1:3
injection moulded,
straight teeth,
engagement angle
20°



22202
Roller chains triplex
DIN ISO 606, curved
link plate



22250
Sprockets single
3/8" x 7/32",
DIN ISO 606, ready to
install



22252
Sprockets single
5/8" x 3/8",
DIN ISO 606



22432
Bevel gears, plastic,
ratio 1:4
injection-moulded,
straight teeth,
engagement angle
20°



22202
Connecting links
triplex
DIN ISO 606



22250
Sprockets single
1/2" x 5/16",
DIN ISO 606, ready to
install



22252
Sprockets single
3/4" x 7/16",
DIN ISO 606



22432
Bevel gears, plastic,
ratio 1:5
injection moulded,
straight teeth,
engagement angle
20°



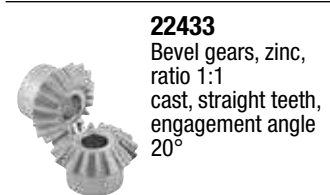
22208
Roller chains single
DIN ISO 606, straight
link plate



22250
Sprockets single
5/8" x 3/8",
DIN ISO 606, ready to
install



22252
Sprockets single
1" x 17.02 mm,
DIN ISO 606



22433
Bevel gears, zinc,
ratio 1:1
cast, straight teeth,
engagement angle
20°



22208
Links
DIN ISO 606



22250
Sprockets single
3/4" x 7/16",
DIN ISO 606, ready to
install



22252
Sprockets single
1 1/4" x 3/4",
DIN ISO 606



22200
Roller chains single
DIN ISO 606, curved
link plate



22212
Roller chains single
stainless steel
DIN ISO 606, curved
link plate



22250
Sprockets single
1" x 17.02 mm,
DIN ISO 606, ready to
install



22252
Sprockets single
1 1/2" x 1",
DIN ISO 606



22200
Links
DIN ISO 606



22212
Links stainless steel
DIN ISO 606



22252
Sprockets single
8.0 mm x 3.0 mm,
DIN ISO 606



22253
Sprockets duplex
3/8" x 7/32",
DIN ISO 606

norelem moves

Systems and components for machine and plant construction



22253
Sprockets duplex
1/2" x 5/16",
DIN ISO 606



22254
Sprockets triplex
5/8" x 3/8",
DIN ISO 606



22264
Sprockets single
3/8" x 7/32",
DIN ISO 606



22265
Sprockets, duplex
5/8" x 3/8",
DIN ISO 606



22253
Sprockets duplex
5/8" x 3/8",
DIN ISO 606



22254
Sprockets triplex
1" x 17,02 mm,
DIN ISO 606



22264
Sprockets single
1/2" x 5/16",
DIN ISO 606



22265
Sprockets duplex
3/4" x 7/16",
DIN ISO 606



22253
Sprockets duplex
3/4" x 7/16",
DIN ISO 606



22255
Sprockets single
3/8" x 7/32" stainless
steel, DIN ISO 606



22264
Sprockets single
5/8" x 3/8",
DIN ISO 606



22265
Sprockets duplex
1" x 17,02 mm,
DIN ISO 606



22253
Sprockets duplex
1" x 17,02 mm,
DIN ISO 606



22255
Sprockets single
1/2" x 5/16" stainless
steel, DIN ISO 606



22264
Sprockets single
3/4" x 7/16",
DIN ISO 606



22265
Sprockets duplex
1 1/2" x 1",
DIN ISO 606



22253
Sprockets duplex
1 1/4" x 3/4",
DIN ISO 606



22255
Sprockets single
5/8" x 3/8" stainless
steel, DIN ISO 606



22264
Sprockets single
1" x 17,02 mm,
DIN ISO 606



22266
Sprockets triplex
1/2" x 5/16",
DIN ISO 606



22253
Sprockets duplex
1 1/2" x 1",
DIN ISO 606



22255
Sprockets single
3/4" x 7/16" stainless
steel, DIN ISO 606



22264
Sprockets single
1 1/4" x 3/4",
DIN ISO 606



22266
Sprockets triplex
5/8" x 3/8",
DIN ISO 606



22254
Sprockets triplex
3/8" x 7/32",
DIN ISO 606



22255
Sprockets single
1" x 17,02 mm
stainless steel,
DIN ISO 606



22264
Sprockets single
1 1/2" x 1",
DIN ISO 606



22266
Sprockets triplex
3/4" x 7/16",
DIN ISO 606



22254
Sprockets triplex
1/2" x 5/16",
DIN ISO 606



22264
Sprockets single
8,0 mm x 3,0 mm,
DIN ISO 606



22265
Sprockets duplex
1/2" x 5/16",
DIN ISO 606



22266
Sprockets triplex
1" x 17,02 mm,
DIN ISO 606

norelem moves

Systems and components for machine and plant construction

22280

Idler sprockets with ball bearing



22281-16

Clamping elements with front fastening



22281-90

Angle brackets for chain tensioner



22500

Worm gears, right-hand centre distance 25 mm



22280

Mounting screws for idler sprockets



22281-18

Clamping elements, double



22282

Glide rails PE-UHMW for roller chains DIN ISO 606



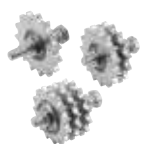
22500

Worm gears, right-hand centre distance 31 mm



22281

Sprocket sets



22281-20

Angle bracket for clamping elements



22282-05

Glide rails PE-UHMW for roller chains DIN ISO 606 for C profiles



22500

Worm gears, right-hand centre distance 33 mm



22281-01

Chain tensioner sets



22281-52

Chain tensioner TS with arched or elliptical profile



22282-10

C profiles steel or stainless steel for glide rails



22500

Worm gears, right-hand centre distance 35 mm



22281-02

Chain tensioner sets, stainless steel



22281-53

Chain tensioner TS, stainless steel with arched profile



22283

Assembly tool for roller chains



22500

Worm gears, right-hand centre distance 40 mm



22281-03

Chain tensioners, plastic



22281-56

Chain tensioner size 0 with semicircular profile



22283-05

Pin extractors for roller chains



22500

Worm gears, right-hand centre distance 50 mm



22281-10

Clamping elements



22281-58

Chain tensioner size 1 with arched profile



22500

Worm gears, right-hand centre distance 17 mm



22500

Worm gears, right-hand centre distance 53 mm



22281-14

Clamping elements stainless steel



22281-59

Chain tensioner size 1, stainless steel with arched profile



22500

Worm gears, right-hand centre distance 22.62 mm



22500

Worm gears, right-hand centre distance 63 mm



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Systems and components for machine and plant construction



22500
Worm gears, right-hand
centre distance
65 mm



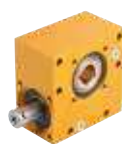
22715
Bevel gear drive with
plastic bevel gears



22500
Worm gears, right-hand
centre distance
80 mm



22750
Planetary gearing
for stepper motors



22700
Worm drives,
aluminium housing



22700-10
Worm drives, die-cast
zinc housing



22700-12
Worm drive
compact



22710
Bevel gears
plastic housing



22712
Bevel gears



22714
Bevel gear drive, die-cast
zinc housing

23000



Couplings

Shrink discs

Cardan joints

Quick plug couplings

Plain bearings

Rolling bearings

Seals

Clamping sets (shaft-hub)

norelem moves

Systems and components for machine and plant construction



23000
Metal bellows couplings with radial clamping hub



23003
Metal bellows couplings, mini with grub screw



23021
Elastomer dog couplings with conical hub and clamping ring (similar to DIN 69002)



23023
Elastomer dog couplings clamping with grub screw



23001
Metal bellows couplings with clamp hubs



23003-05
Metal bellows couplings, mini with clamp hubs



23021-10
Elastomer dog couplings with clamping taper



23023-10
Elastomer dog couplings with grub screw



23001-01
Metal bellows couplings with clamp hubs, stainless steel



23003-06
Metal bellows couplings, mini with clamp hubs, stainless steel



23022
Elastomer dog couplings with radial clamping hub



23023-11
Elastomer dog couplings with grub screw, stainless steel



23001-03
Metal bellows couplings, short type with clamp hubs



23003-08
Metal bellows couplings, mini with removeable clamp hubs



23022-10
Elastomer dog couplings with clamp hubs



23023-90
Spiders, play-free for elastomer dog couplings



23001-04
Metal bellows couplings, short type, for high torques with clamp hubs



23010-01
Beam couplings aluminium with clamping hubs



23022-11
Elastomer dog couplings with clamp hubs, stainless steel



23030
Oldham-type couplings with radial clamping hub



23001-05
Metal bellows couplings with removeable clamp hubs



23010-05
Beam couplings stainless steel with clamping hubs



23022-15
Elastomer dog couplings, short type with clamp hubs



23032
Oldham-type couplings clamping with grub screw



23001-08
Metal bellows couplings, short type with removeable clamp hubs



23012-01
Beam couplings aluminium with detachable clamp hubs



23022-20
Elastomer dog couplings with removable clamp hubs



23049
Rigid couplings clamped via grub screw



23002
Metal bellows couplings clamping with grub screw



23012-05
Beam couplings stainless steel with detachable clamp hubs



23022-25
Elastomer dog couplings, short type with removable clamp hubs



23050
Rigid couplings one-piece

norelem moves

Systems and components for machine and plant construction

23052Rigid couplings
two-piece**23406**Universal joints single
with needle bearing,
DIN 808**23452**Quick-fit couplings
with radial offset
compensation and
mounting flange**23681**Guide bushes
DIN 9834 / ISO 9448,
bronze, maintenance-
free with collar**23380**

Shrink discs Form A

**23407**Universal joints
double
with needle bearing,
DIN 808**23454**Quick-fit couplings
with angular
and radial offset
compensation**23681-05**Guide bushes
with collar bronze,
maintenance-free**23380-01**Shrink discs stainless
steel Form A**23409**Universal joints single
with plain bearing,
robust version
DIN 808**23500**igubal® pillow block
bearings**23682**Retaining clips
DIN 9832**23382**

Shrink discs Form B

**23410**Universal joints
double
with plain bearing,
robust version
DIN 808**23678**

Guide tubes steel

**23710**Plain bearings
plastic**23403**Universal joints single
with plain bearing,
DIN 808**23412**Cardan shafts
telescopic**23678-10**Guide bushes steel
with centring collar**23715**Thrust washers
plastic**23403-01**Cardan single joints,
stainless steel, with
plain bearing,
similar to DIN 808**23414**Protective rubber
sleeves
for universal and
cardan joints (single)**23678-20**Guide bushes steel or
bronze**23730**Plain bearings
cylindrical**23404**Universal joints
double
with plain bearing,
DIN 808**23415**Protective rubber
sleeves
for universal and
cardan joints (double)**23679**Guide bushes,
ceramic**23731**Plain bearings
with collar**23404-01**Cardan double joints,
stainless steel, with
plain bearing,
similar to DIN 808**23450**Quick-fit couplings
with radial offset
compensation**23680**Guide bushes
bronze, maintenance-
free**23732**

Thrust washers



norelem moves

Systems and components for machine and plant construction



23760
Plain bearing sintered
bronze cylindrical



23805
Angular contact ball
bearing FAG
single-row



23831-05
Cross-roller bearing,
steel, compact



23350
Keyless locking
couplings Form A
for thin walled hubs



23761
Plain bearing sintered
bronze
with collar



23806
Axial angular contact
ball bearing, steel
double-row



23831-10
Cross-roller bearing,
steel, with fastening
holes



23350-01
Keyless locking
couplings Form A
stainless steel



23765
Glide plate bronze or
steel, maintenance-
free



23806-01
Axial angular contact
ball bearing, steel
double-row, with
flange



23900
O-rings



23351
Keyless locking
couplings Form B



23765-01
Glide plate bronze,
maintenance-free



23815
Spherical roller
bearing FAG
cylindrical bore



23900-05
O-ring EPDM



23352
Keyless locking
couplings Form C
with axial ring



23800
Deep groove ball
bearing FAG
single row



23820
Cylinder roller bearing
FAG
with cage



23900-10
O-ring FKM



23354
Keyless locking
couplings Form D
compact design



23800-01
Deep groove ball
bearings, stainless
steel



23825
Tapered roller bearing
FAG
single row



23901
Sealing washers DIN
7603
copper or aluminium



23354-01
Keyless locking
couplings, Form D
stainless steel



23800-03
Ceramic ball bearings
ZrO₂



23830
Axial ball bearing FAG
single direction



23915
Rotary shaft lip seals
DIN 3760



23356
Keyless locking
couplings Form E
short version



23800-04
Ceramic ball bearings
Si₃N₄



23831
Cross-roller bearing,
steel



23200
Taper clamping
bushes



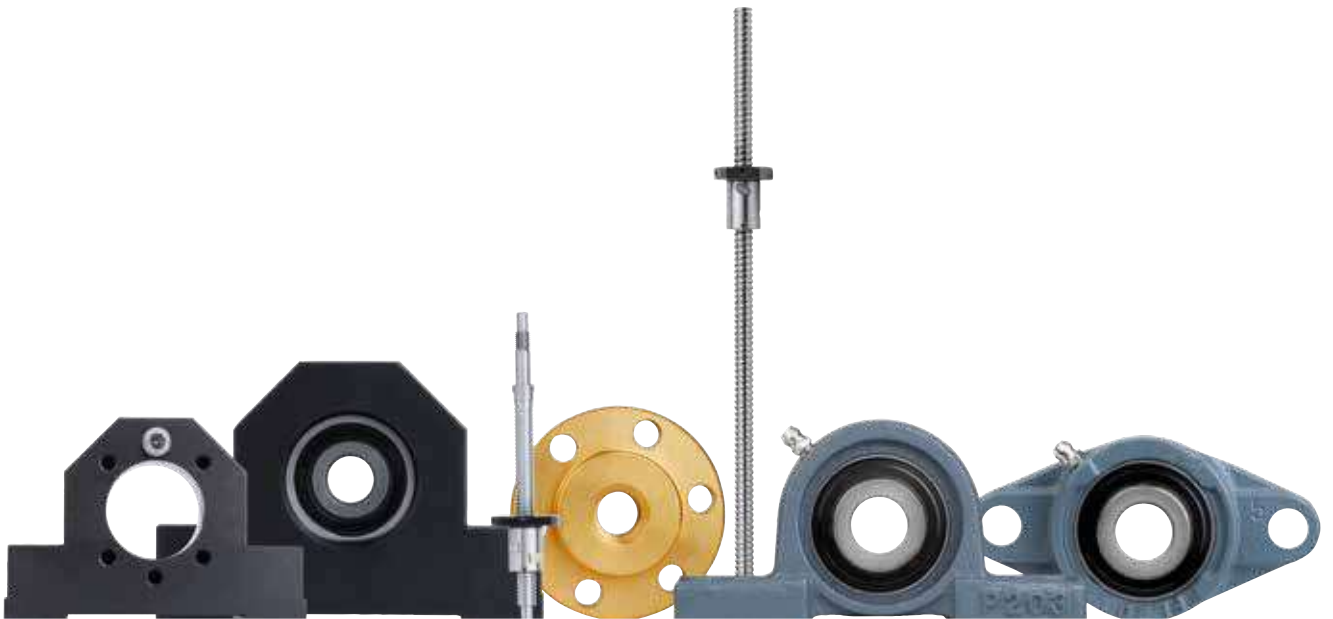
23358
Keyless locking
couplings Form F
short version with
axial ring

norelem moves

Systems and components for machine and plant construction

**23360**Keyless locking
couplings Form G
increased tolerance
range**23360-01**Keyless locking
couplings Form G
stainless steel**23362**Keyless locking
couplings Form H
for high torques**23368**Keyless locking
couplings with central
nut**23370**Shaft-hub clamping
sets
stainless steel

24000



Trapezoidal thread spindles, trapezoidal thread nuts

Splined shafts, splined hubs

Pillow block bearings

Bearing units

Ball screws

norelem moves

Systems and components for machine and plant construction

24000Trapezoidal thread
spindles
single-start, RH or LH
thread**24010**Splined shafts
similar to DIN ISO 14**24225**Pillow block bearing
pedestal type BPP**24244**Pillow block bearing
flange type MUCF
2-hole stainless steel**24001**Trapezoidal thread
spindles
double-start, RH
thread**24011**Splined hubs round
similar to DIN ISO 14**24230**

Insert bearing UC

**24244-01**Pillow block bearing,
flange type 2-hole,
stainless steel
housing**24003**Trapezoidal thread
nuts, round
single-start, RH or LH
thread**24011-01**Splined hubs with
flange
similar to DIN ISO 14**24235**

Insert bearing B

**24248**Insert bearing MUC
stainless steel**24004**Trapezoidal thread
nuts, round
double-start, RH
thread**24011-05**Shaft collars for DIN
ISO 14 splined hubs**24240**Pillow block bearing
pedestal
stainless steel**24262-01**Pillow block bearing,
pedestal type, plastic
housing**24005**Trapezoidal thread
flange nuts
single-start, RH or LH
thread**24200**Pillow block bearing
pedestal type UCP**24240-01**Pillow block bearing,
pedestal type SP,
stainless steel
housing**24264-01**Pillow block bearing,
flange type, plastic
housing**24006**Trapezoidal thread
nuts with flange
double-start, RH
thread**24210**Pillow block bearing
flange type UCF**24241-01**Pillow block bearing,
pedestal type SPA,
stainless steel
housing**24266-01**Pillow block bearing,
flange type 2-hole,
plastic housing**24006-10**Cardan adapter for
trapezoidal thread
nuts with flange**24212**Pillow block bearing
flange type UCFC
with centring hub**24242**Pillow block bearing
flange type MUCF
stainless steel**24070**Housings
for flange nuts**24007**Trapezoidal thread
nuts, hexagon
single-start, RH or LH
thread**24215**Pillow block bearing
flange type UCFL
2-hole**24242-01**Pillow block bearing,
flange type, stainless
steel housing**24071**Pedestal bearing,
aluminum

norelemmoves

Systems and components for machine and plant construction

24072

Fixed bearing units

**24055**Ball screws rolled,
with flange nut
DIN 69051 Part 5**24074**

Floating bearing units

**24060**Ball screws rolled,
with screw-in
cylinder nut**24076**Fixed bearing units,
steel block version,
type BK**24100**Miniature ball screws
ground, with flange
nut**24078**Floating bearing units
block version, type EF**24105**Miniature ball screws
ground, with screw-in
cylinder nut**24078-01**Fixed bearing units,
steel, block version
type EK**24078-02**Floating bearing units
block version, type EF**24080**Fixed bearing units
flange version**24082**Floating bearing units
flange version

26000



Springs

Elastomer buffers

Accessories for springs

Rubber buffers

Damping plates

Profile damper

Gas springs

Shock absorbers

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Systems and components for machine and plant construction

26000

Compression springs
ISO 10243, light load



26095-02

Guide pins with
thread, steel



26102

Rubber buffers steel
or stainless steel
type B cylindrical with
external thread and
internal thread



26106-01

Rubber buffers
stainless steel type D
cylindrical with
external thread, grey



26001

Compression springs
ISO 10243, moderate
load



26095-05

Discs, steel



26102-01

Rubber buffers
stainless steel type B
cylindrical with
external thread and
internal thread, grey



26106-02

Rubber buffers
stainless steel type D
cylindrical with
external thread
FDA conform blue



26002

Compression springs
ISO 10243, heavy
load



26095-08

Washers, steel for
helical springs



26103

Rubber buffers type E
cylindrical with
internal thread



26107

Rubber buffers
type DS suction foot
with external thread



26003

Compression springs
ISO 10243, very
heavy load



26095-12

Spring discs, brass
for elastomer buffers



26103-01

Rubber buffers
stainless steel type E
cylindrical with
internal thread, grey



26108

Rubber impact
buffers type TP door
buffer



26090

Elastomer buffers
Shore 70A



26095-15

Threaded discs, steel
for helical springs



26104

Rubber buffers steel
or stainless steel,
type C cylindrical with
internal thread both
sides



26110

Rubber buffers
type KP parabolic with
external thread



26091

Elastomer buffers
Shore 80A



26095-18

Threaded discs, steel
for elastomer buffers



26104-01

Rubber buffers
stainless steel type C
cylindrical with
internal thread both
sides, grey



26112

Rubber buffers type K
conical with external
thread



26092

Elastomer buffers
Shore 90A



26100

Rubber buffers steel
or stainless steel,
type A cylindrical with
external thread both
sides



26105

Rubber buffers steel
type CT tapered with
internal thread both
sides



26112-01

Rubber buffers
stainless steel type K
conical with external
thread, grey



26095

Spacer tubes, steel



26101

Rubber buffers
type AT waisted with
external thread both
sides



26106

Rubber buffers steel
or stainless steel
type D cylindrical with
external thread



26112-02

Rubber buffers
stainless steel type K
conical with external
thread
FDA conform blue



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Systems and components for machine and plant construction

26113

Rubber buffers, steel, type EK conical with internal thread



26130

O-shaped mounts steel with external thread both sides



26200

Gas springs steel



26330

Rotation dampers, steel rotation right, left or both directions



26113-01

Rubber buffers, stainless steel, type EK conical with internal thread, grey



26131

Vibration absorbers, neoprene, two-piece



26201

Gas springs stainless steel



26113-02

Rubber buffers stainless steel, type EK conical with internal thread, FDA, conform blue



26132

Rubber-metal overhead element



26300

Industrial shock absorbers adjustable



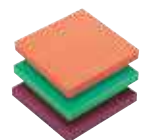
26115

Rubber buffers type KE spherical with internal thread



26150

Damping plates polyether urethane



26301

Industrial shock absorbers adjustable, stainless steel



26116

Rubber buffers, steel type KRA spherical with external thread



26180

Profile dampers axial damping



26310

Shock absorber for linear modules, pneumatic



26117

Rubber buffers, steel, type KV square with external thread



26182

Profile damper axial damping, soft version



26320

Mounting flange



26117-01

Rubber buffers stainless steel type KV rectangular with external thread, grey



26184

Profile damper radial damping



26320-10

Mounting brackets stainless steel



26120

Rubber impact buffer rails steel



26186

Profile damper radial damping, hard version



26320-20

Stop nuts stainless steel



27000



Clevis joints

Rod ends

Angle joints

Axial joints

Levelling sets

Levelling wedges

Hinges

Functional hinges

Spring hinges

Concealed hinges

Piano hinges

Weldable hinges

Hinges with electric switching
function

Connections for gas springs
(brackets)

Levelling feet, swivel feet,
machine feet

Threaded spindles for levelling
feet

Levelling feet accessories

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Systems and components for machine and plant construction

27614

Clevis joints for rod ends

**27624**Clevis joints, steel
DIN 71752**27627-01**Rod ends with plain bearing
external thread, steel,
DIN ISO 12240-1
maintenance-free**27630**Rod ends with plain bearing
internal thread,
stainless steel,
DIN ISO 12240-4**27615**Clevis joints for rod ends
stainless steel**27624-04**Clevises, steel or
stainless steel
DIN 71752**27627-02**Rod ends with plain bearing
external thread, steel,
DIN ISO 12240-1 can
be re-lubricated**27630-01**Rod ends with plain bearing
internal thread,
stainless steel,
DIN ISO 12240-1
maintenance-free**27620**Clevis joints, steel
with snap-in pin
DIN 71752**27624-05**Clevis, steel or
stainless steel
with external thread**27628**Rod ends with plain bearing
internal thread,
DIN ISO 12240-4**27631**Rod ends with plain bearing
external thread,
narrow version,
DIN ISO 12240-4**27621**Snap-in pins, steel for
clevis
DIN 71752**27624-10**Clevis tang, steel or
stainless steel**27628**Rod ends igubal®
with plain bearing
internal thread,
similar to
DIN ISO 12240-4**27631-01**Rod ends with plain bearing
external thread,
narrow head,
DIN ISO 12240-1
maintenance-free**27621-01**Pin with circlip groove
suitable for clevis
joints**27625**Rod ends with ball bearing
external thread,
DIN ISO 12240-4**27628-01**Rod ends with plain bearing
internal thread, steel,
DIN ISO 12240-1
maintenance-free**27632**Rod ends with plain bearing
internal thread,
narrow version,
DIN ISO 12240-4**27621-02**Pin with circlip groove
suitable for clevis
joints**27626**Rod ends with ball bearing
internal thread,
DIN ISO 12240-4**27628-02**Rod ends with plain bearing
internal thread, steel,
DIN ISO 12240-1 can
be re-lubricated**27632-01**Rod ends with plain bearing
internal thread,
narrow head,
DIN ISO 12240-1
maintenance-free**27621-03**Pin with hole for split
pin
suitable for clevis
joints**27627**Rod ends with plain bearing
external thread,
DIN ISO 12240-4**27629**Rod ends with plain bearing
external thread,
stainless steel,
DIN ISO 12240-4**27632-02**Spherical bearings
K/E series
DIN ISO 12240-1**27622**Clevis joints stainless
steel
DIN 71752**27627**Rod ends igubal®
with plain bearing
external thread,
similar to
DIN ISO 12240-4**27629-01**Rod ends with plain bearing
external thread,
stainless steel,
DIN ISO 12240-1
maintenance-free**27650**Angle joints
DIN 71802

norelem moves

Systems and components for machine and plant construction



27650
Angle joints stainless steel like DIN 71802, Form CS with sealing cap



27702
Levelling sets low version



27710
Levelling wedges, steel free-standing



27850
Hinges plastic, lift-off, right



27655
Ball seats for angle joints DIN 71805



27703
Levelling sets low version with locknut



27710-05
Levelling wedges, steel with non-slip insulating layer, free-standing



27851
Hinges plastic, separable, dismountable



27656
Ball studs DIN 71803 for DIN 71802 angle joints



27705
Levelling sets, steel or stainless steel, with spherical levelling washer, low version



27710-10
Levelling wedges with adhesive anchor



27852
Hinges plastic



27660
Circlips for ball seats DIN 71805



27706
Levelling sets, steel or stainless steel with spherical washer and lock nut, low version



27710-15
Levelling wedges, steel, free-standing, with nitrile rubber contact face



27854
Hinges plastic, with elongated holes



27665
Axial joints similar to DIN 71802



27707
Levelling sets, steel or stainless steel with spherical washer



27710-20
Levelling wedges, aluminium with adhesive anchor



27855
Hinges plastic with fastening holes



27670
Axial joints for tractive forces adjustable



27708
Levelling sets, steel or stainless steel with spherical washer and locknut



27710-25
Levelling wedges, aluminium with non-slip insulating layer, free-standing



27856
Hinges plastic, lift-off, with guide tabs



27700
Levelling sets, steel or stainless steel



27709
Levelling sets



27710-30
Spacer washers, steel or stainless steel



27865
Hinges die-cast zinc, with elongated holes



27701
Levelling sets with locknut



27709-10
Levelling sets with spherical compensation plate



27850
Hinges plastic, lift-off, left



27868-10
Hinges die-cast zinc

norelem moves

Systems and components for machine and plant construction



27868-15
Hinges die-cast zinc
adjustable



27870
Hinges
aluminium, lift-off,
right



27875-10
Hinges, stainless steel
with fastening screws



27876-10
Hinges, stainless
steel 1.4301,
polished or abrasive
blasted, fastening
holes concealed



27868-20
Hinges die-cast zinc
with fastening screws



27870-01
Hinges, stainless
steel
lift-off, left



27875-89
Hinges
lift-off, stainless steel



27876-11
Hinges, stainless
steel
with fastening screws



27869
Hinges
aluminium, in-frame,
with step



27870-01
Hinges, stainless
steel
lift-off, right



27875-90
Hinges, stainless
steel 1.4401,
polished, square type



27877
Hinges
sheet steel or sheet
stainless steel



27869-05
Hinge halves
aluminium, in-frame



27872
Hinges
aluminium



27875-95
Hinges stainless steel
adjustable



27877-01
Butt hinges
stainless steel



27869-06
Hinge halves
aluminium, on-frame



27875
Hinges, stainless
steel 1.4401,
polished



27876
Hinges, stainless
steel 1.4401,
polished or abrasive
blasted, square type



27877-02
Hinges, stainless
steel



27869-15
Pins stainless steel
for hinge halves



27875-01
Hinges, stainless
steel, high-gloss
polished, rounded
style



27876-01
Single leaf hinges
adjustable, stainless
steel



27880
Hinges
plastic with bushes



27869-20
End caps plastic
for hinge halves



27875-03
Hinges, stainless
steel 1.4401, hinge
pin concealed



27876-02
Hinges, stainless
steel, satin finish
polished, for flush-
mounted designs



27882
Hinges
plastic with fastening
screws



27870
Hinges
aluminium, lift-off,
left



27875-04
Hinges stainless
steel, separable,
dismantlable



27876-05
Strap hinges,
steel or stainless
steel



27884
Hinges
plastic with bush and
fastening screws

norelem moves

Systems and components for machine and plant construction

27884-90

Hinge pins, plastic



27904-83

Spring hinges, stainless steel, 0.7 Nm



27861

Hinge aluminium, with detent



27904-86

Spring hinges, stainless steel, 1.3 Nm



27886-03

In-line hinge stainless steel lift-off, screw-on



27904-86

Spring hinges, stainless steel, 1.3 Nm



27862

Hinges aluminium, with detent



27900

Spring hinges steel, stainless steel or aluminium, 50 mm



27890

Hinges, steel or stainless steel, square with fastening nut



27853

Hinges plastic, with locking lever



27868

Hinges die-cast zinc, with locking lever



27901

Spring hinges steel or stainless steel, 75 mm



27890-02

Hinges, stainless steel 1.4305, polished, square with fastening nut



27857

Hinges plastic, detent



27902

Spring hinges steel, stainless steel or aluminium, 120 mm



27903

Spring hinges steel or stainless steel, 180 mm



27891

Block hinges with fastening nuts, long version



27858

Hinges plastic, with adjustable friction



27908

Spring hinges aluminium profile tension spring hinges, 1.3 Nm



27904

Spring hinges steel or stainless steel, 240 mm



27892

Block hinges with counterbore, long version



27859

Hinge aluminium, with adjustable friction



27905

Spring hinges, aluminium profile, 0.2 Nm



27904-30

Spring assisted piano hinges, stainless steel



27898

Hinges steel, maintenance-free



27860

Hinges aluminium, with adjustable friction



27904-81

Spring hinges, stainless steel, 0.35 Nm



27906

Spring hinges aluminium profile, 0.35 Nm



27904-81

Spring hinges, stainless steel, 0.35 Nm



27860-01

Hinges, stainless steel with preset friction



27904-83

Spring hinges, stainless steel, 0.7 Nm



27906-01

Spring hinges, aluminium profile, 0.5 Nm



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Systems and components for machine and plant construction



27907
Spring hinges
aluminium profile
tension spring hinges,
0.7 Nm



27878-06
Concealed hinges
steel or stainless
steel, folded edge up
to 24 mm



27885
Hinges, steel, bright,
weldable lift-off
hinges



27618
Rod-end eyes



27907-01
Spring hinges
aluminium profile,
0.7 Nm, long version



27878-08
Concealed hinges
die-cast zinc, steel or
stainless steel with
lock, folded edge
23 mm



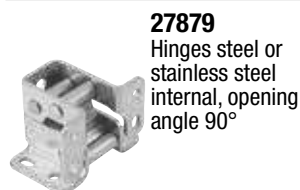
27886
Hinges, stainless
steel 1.4305, bright,
weldable lift-off
hinges



27657
Angle brackets



27907-02
Spring hinges
aluminium profile,
0.9 Nm, long version



27879
Hinges steel or
stainless steel
internal, opening
angle 90°



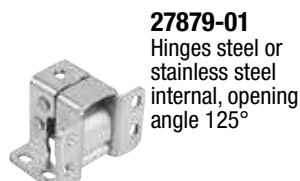
27886-01
Hinges, stainless
steel 1.4404,
polished, weldable
lift-off hinges



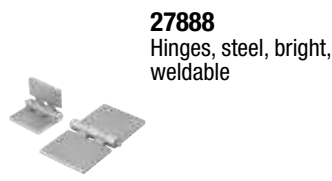
27658
Side brackets



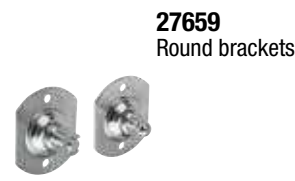
27909
Spring hinges
aluminium profile,
3.8 Nm



27879-01
Hinges steel or
stainless steel
internal, opening
angle 125°



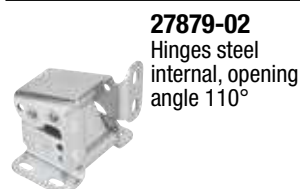
27888
Hinges, steel, bright,
weldable



27659
Round brackets



27910
Spring hinges
aluminium profile
with damping



27879-02
Hinges steel
internal, opening
angle 110°



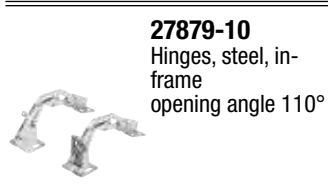
27888-02
Hinges steel or
stainless steel
weldable



27750
Cup elements
type H2



27878
Concealed hinges
steel or stainless
steel, folded edge up
to 20 mm



27879-10
Hinges, steel, in-
frame
opening angle 110°



27950
Security hinge
switches



27760
Machine feet



27878-02
Concealed hinges
steel or stainless
steel, folded edge
23 mm



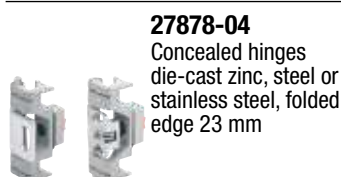
27877-30
Piano hinges, steel,
stainless steel or
aluminium



27951
Security hinge
switches, long
version



27761
Machine feet,
aluminium with
vibration absorption
screw-on



27878-04
Concealed hinges
die-cast zinc, steel or
stainless steel, folded
edge 23 mm



27877-40
Piano hinges,
stainless steel
with stop



27616
Hinge plates



27790
Levelling feet steel or
stainless steel

norelem moves

Systems and components for machine and plant construction



27790-10
Levelling feet
stainless steel
FDA conform



27794
Levelling feet round



27799-15
Adjustment plugs,
plastic with felt glide
surface
for round and square
tubes



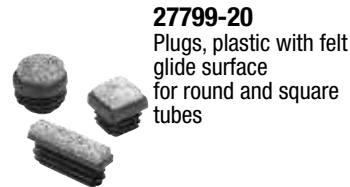
27804
Plates for swivel
feet, with vibration
absorption, 15 ball



27791
Levelling feet
stainless steel for
sterile areas



27795
Levelling feet round
with hex. collar



27799-20
Plugs, plastic with felt
glide surface
for round and square
tubes



27806
Swivel feet
with vibration
absorption



27791-05
Levelling feet
in Hygienic DESIGN



27796
Levelling feet
with hex. base



27800
Swivel feet plates
plastic



27807
Swivel screws, steel
or stainless steel



27792
Swivel feet
steel



27797
Levelling feet
with knurled base



27800
Plates for swivel feet,
antistatic, 15 ball



27808
Machine feet
with vibration
absorption



27792-10
Levelling feet
stainless steel



27798
Levelling feet



27801
Swivel feet plates
die-cast zinc or
stainless steel



27815
Levelling feet plates
plastic



27793
Levelling feet, steel
with hollow screw



27799
Levelling feet caps



27802
Plates with extension
for swivel feet,
die-cast zinc, 15 ball



27816
Levelling feet plates
plastic, heavy-duty
version



27793-04
Levelling feet plates
steel



27799-05
Adjustment plugs,
plastic without inserts
for round and square
tubes



27803
Plates for swivel
feet, stainless steel,
15 ball



27817
Levelling feet plates
die-cast zinc or
stainless steel



27793-10
Hollow screws for
steel levelling feet



27799-10
Adjustment plugs,
plastic with non-slip
inserts
for round and square
tubes



27803-10
Swivel feet plates,
plastic



27818
Levelling feet plates
extended
die-cast zinc

norelem moves

Systems and components for machine and plant construction

27830

Levelling feet plates
ECO
die-cast zinc,
stainless steel or
plastic



27835-05

Plugs with tapped
hole, plastic
for square tubes



27833

Duck feet



27836

Tube inserts round
with tapped bush



27810

Swivel feet threaded
spindles
steel or stainless
steel



27836-05

Plugs with tapped
hole, plastic
for round tubes



27811

Ball head with
internal thread,
15 ball



27840

Levelling feet
for aluminium profiles



27828

Levelling feet
threaded spindles
steel or stainless
steel



27841

Levelling feet



27832

Levelling feet ECO
threaded spindles
steel or stainless
steel



27791-10

Thread cover,
stainless steel
in Hygienic DESIGN



27835

Tube inserts square
with tapped bush



28000



Oil level sight glasses

Screw plugs, press-in plugs

Filler necks, vent screws

Oil level gauges

Sealing plugs

norelem moves

Systems and components for machine and plant construction

28004

Oil level sight glasses



28013

Screw plugs with hexagon socket DIN 906, tapered thread



28027

Screw plugs aluminium



28038

Vent screws with check valve



28006

Oil level sight glasses press-in



28014

Screw plugs with collar and hexagon socket DIN 908



28028

Screw plugs



28040

Vent screws brass



28008

Oil level sight glasses domed



28016

Screw plugs hex head with collar DIN 910



28029

Screw plugs with dipstick



28042

Vent screws brass with check valve



28010

Oil level sight glasses aluminium



28020

Screw plugs



28030

Plugs fill only knurled cap



28054

Vent screws with dipstick



28012

Oil level sight glasses aluminium, glass window



28021

Screw plugs with hexagon socket



28048

Press-in plugs with dipstick



28058

Vent screws with check valve and dipstick



28012-05

Oil level sight glass, brass with safety glass



28022

Press-in plugs



28032

Caps for filler necks



28070

Filler necks, plastic with fastening nut



28012-10

Oil level sight glass, brass, round with safety glass



28024

Screw plugs with magnet



28034

Vent screws



28071

Filler necks steel with mounting flange



28012-15

Oil level sight glass, stainless steel with safety glass



28026

Screw plugs aluminium with magnet



28036

Vent screws with splash guard



28072

Filler necks, plastic with mounting flange



norelem moves

Systems and components for machine and plant construction



28000
Oil level gauges,
polyamide



28001-12
Oil level gauges
with electronic oil
level and temperature
monitoring, long
version



28000
Oil level gauges,
polyamide with steel
housing



28060
Dipsticks



28000-10
Oil level gauges
with electronic oil
level monitoring



28080
Sealing plug sleeve
steel, ball steel



28000-11
Oil level gauges
with electronic
temperature
monitoring



28080-01
Sealing plug sleeve
stainless steel, ball
steel



28000-12
Oil level gauges
with electronic oil
level and temperature
monitoring



28080-02
Sealing plug sleeve
stainless steel, ball
stainless steel



28001
Oil level gauges
long version



28080-90
Insertion pin for
sealing plugs



28001-10
Oil level gauges
with electronic oil
level monitoring, long
version



28001-11
Oil level gauges
with electronic
temperature
monitoring, long
version

29000



Column system

Monitor brackets

Tubular connection system

Round tubes, square tubes

Linear actuators

Workpiece supports

Components for conveyor systems

norelem moves

Systems and components for machine and plant construction

 29200 Column bases single	 29180 Monitor bracket, double	 29002 Cross tube clamps, aluminium, multi-part for square tubes	 29008 T-angle tube clamps, plastic, multi-part for square tubes
 29205 Column bases double	 29180 Monitor bracket with double ball joint, swivelling	 29004 Cross tube clamps, plastic, multi-part for round square tubes	 29008 T-angle tube clamps, aluminium, multi-part for square tubes
 29207 Column clamps double	 29180 Smartphone holder	 29004 Cross tube clamps, aluminium, multi-part for round and square tubes	 29008 Tube clamps, right-angle, plastic
 29210 Adjustment units	 29000 Cross tube clamps, plastic, one-piece for round tubes	 29006 T-angle tube clamps, plastic, one-piece for round tubes	 29008 Tube clamps right-angle, aluminium
 29215 Column shaft collars	 29000 Cross tube clamps, aluminium, one-piece for round tubes	 29006 Tube clamps T-angle, plastic with ball joint	 29010 Tube clamp foot, plastic, one-piece, for round tubes
 29240 Rods stainless steel	 29000 Cross tube clamps, aluminium, multi-piece for round tubes	 29006 T-angle tube clamps, aluminium, one-piece for round tubes	 29010 Tube clamps base, plastic with ball joint
 29180-05 Monitor brackets, aluminium, height adjustable 4 or 5 axis	 29000 Tube clamps, cross, stainless steel	 29006 Tube clamps T-angle, aluminium with ball joint	 29010 Tube clamp foot, aluminium, one-piece, for round tubes
 29180 Monitor bracket with mounting bracket	 29002 Cross tube clamps, plastic, multi-part for square tubes	 29006 Tube clamps T-angle, stainless steel	 29010 Tube clamps base, aluminium, with ball joint

norelem moves

Systems and components for machine and plant construction



29010
Tube clamps, base,
stainless steel



29016
Tube clamp flange,
aluminium, multi-
piece, for square
tubes



29024
Tube clamp swivel
half, aluminium,
straight with sunken
teeth, for round tubes



29032
Tube clamp joint,
aluminium, T-piece,
for round tubes



29012
Tube clamp foot,
plastic, multi-piece,
for square tubes



29018
Tube clamps straight
plastic



29026
Tube clamps, swivel
half, raised teeth,
plastic



29034
Tube clamp joints,
plastic, straight, for
round tubes



29012
Tube clamp foot,
aluminium, multi-
piece, for square
tubes



29022
Tube clamps straight,
plastic



29026
Tube clamps, swivel
half, aluminium, with
raised teeth



29034
Tube clamps swivel,
plastic
with ball joint



29014
Tube clamp flange,
plastic, one-piece, for
round tubes



29022
Tube clamps straight,
plastic
with ball joint



29028
Tube clamp swivel
half, plastic, T-piece,
sunken teeth, for
round tubes



29034
Tube clamp joint,
aluminium, straight,
for round tubes



29014
Tube clamp flange,
aluminium, one-
piece, for round tubes



29022
Tube clamps, straight,
aluminium



29028
Tube clamp swivel
half, aluminium,
T-piece with sunken
teeth, for round tubes



29034
Tube clamps swivel,
aluminium
with ball joint



29014
Tube clamp flange,
aluminium, multi-
piece, for round tubes



29022
Tube clamps straight,
aluminium, with ball
joint



29030
Tube clamps
swivel base, sunken
teeth, plastic



29036
Tube clamps
swivel base, plastic



29014
Tube clamps
flange, stainless steel



29022
Tube clamps straight,
aluminium, with
double ball joint



29030
Tube clamps
swivel base
aluminium, with
sunken teeth



29036
Tube clamps
swivel base,
aluminium



29016
Tube clamp flange,
plastic, multi-piece,
for square tubes



29024
Tube clamp swivel
half, plastic, straight,
sunken teeth, for
round tubes



29032
Tube clamp joint,
plastic, T-piece, for
round tubes



29040
Reducer sleeves
square

norelem moves

Systems and components for machine and plant construction

29042

Reducer sleeves
round



29104-11

Flange clamps,
aluminium, for square
linear actuators



29130

Linear actuator
connector clamps
flange



29352

Tube clamps, plastic
with lateral support
bracket, for round
tubes



29050

Round and square
tubes



29104-13

Flange clamps,
aluminium, for square
linear actuators



29130

Linear actuator
connector clamps,
stainless steel
flange



29352-02

Tube clamps, support
head, plastic, for
round tubes



29050-05

Round aluminium
tubes
with slots



29105

Linear actuators with
steel trapezoidal
thread spindle, with
plain or ball bearings



29135

Linear actuator
connector clamps
base



29300

Lateral guide holder,
plastic, with palm
grip



29050-06

Rotation locks
plastic for tube
clamps



29105

Linear actuators,
stainless steel



29135

Linear actuator
connector clamps,
stainless steel
base



29300-05

Lateral guide holder,
plastic, adjustable
with palm grip



29056

Tube end plugs,
plastic
for round and square
tubes



29105-11

Flange clamps,
aluminium, for linear
actuators



29350

Tube clamp feet for
round tubes
three-leg



29301

Single clamps,
plastic, for lateral
guides with conical
holding profile



29056-05

Protective caps,
plastic
for round tubes



29120

Tube clamp cross
piece, aluminium, for
linear actuator, for
round tubes



29350-01

Tube clamp feet,
plastic, for round
tubes
two-leg



29301-02

Single clamps,
plastic, for round
lateral guides



29056-06

Protective caps,
plastic
for square tubes



29120

Linear actuator
connector clamps,
stainless steel
cross



29350-02

Tube clamp base,
plastic, for round
tubes
two-leg with cross
connector



29301-10

Pin, stainless steel,
for plastic single
clamps



29104

Linear actuators,
aluminium, square



29125

Linear actuator cross
connector clamps,
aluminium, for round
and square tubes



29351

Tube clamps, plastic
T-angle for round
tubes, multi-part



29302

Single clamps,
plastic, for flat bars
for lateral guides with
conical holding profile



norelem moves

Systems and components for machine and plant construction



29302-02

Single clamps,
plastic, for flat bars
for round lateral
guides



29305-02

lateral guides, plastic,
flat
with conical holding
profile



29302-10

Pin, stainless steel
for plastic single
clamps for flat bars



29303

Double clamps,
plastic
for lateral guides with
conical holding profile



29303-02

Double clamps,
plastic
for round lateral
guides



29303-10

Pin, stainless steel
for plastic double
clamps



29304

Double clamps,
plastic with stainless
steel pins
for lateral guides with
conical holding profile



29304-02

Double clamps,
plastic with stainless
steel pins
for round lateral
guides



29305

Lateral guides, plastic
round
with conical holding
profile

31000



Inspection tables, instrument holders

Gauge stands

Accessories for gauge stands

norelem measures

Measuring and testing components

31000

Inspection tables



31130

Dial gauge arms



31020

Inspection blocks with column



31140

Dial gauge holders



31090

Support cylinders for workpieces with collar



31141

Dial gauge holders with fine adjustment



31100

Gauge holders articulated arm with central hydraulic lock



31150

Joint blocks



31100-10

3D dial gauge stand, high-strength micro-precise with mechanical and progressive clamping



31152

Joint blocks, steel, length 36 mm



31102

Gauge stands magnetic



31154

Joint blocks, steel, length 48 mm



31120

Magnetic stands with On/Off switch



31156

Clamping joints

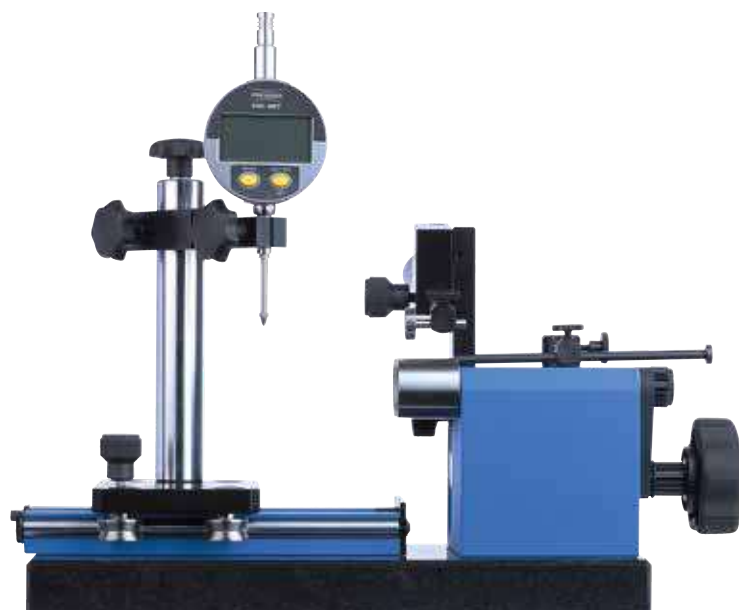


31125

Magnetic stands



32000



Concentricity gauges

Dial gauges

norelem measures

Measuring and testing components

32500Concentricity gauges
for diameters up to
32 mm**32501**Concentricity gauges
max. Ø 35 mm**32506**Concentricity gauges
max. Ø 80 mm**32501**Accessories
for concentricity
gauges**32540**

Dial gauges DIN 878

**32542**

Dial gauges digital



33000



Holders of dial gauges

Inserts for dial gauges

Deflection dial gauge holders

Measurement technology accessories

norelem measures

Measuring and testing components



33000
Dial gauge collets
for Ø8 shafts



33024
Probe
with reduced flat face



33044
Probe inserts
knife point



33070
Deflection dial gauge
holders 90°



33010
Dial gauge holders
sliding



33026
Probe
with reduced domed
point



33046
Probe inserts
with flat face



33072
Deflection dial gauge
holders 90°
probe lever with
thread



33012
Dial gauge holders
short version with
thread



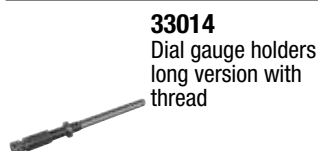
33028
Probe knife point



33048
Probe inserts
with domed face



33074
Deflection dial gauge
holders 90°
probe lever with hole



33014
Dial gauge holders
long version with
thread



33029
Probe knife point
offset



33050
Probe inserts
with enlarged flat
face



33076
Deflection dial gauge
holders 180°
probe lever with hole



33016
Dial gauge holders
short version with
smooth shaft



33032
Extension
for probe inserts



33052
Extensions
for probe inserts



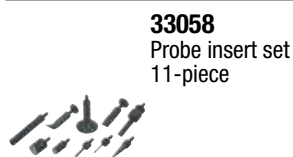
33078
Deflection dial gauge
holders 90°
probe lever with
thread



33018
Dial gauge holders
for measuring frame



33035
Probe knife point
offset, for fixed stop



33058
Probe insert set
11-piece



33080
Deflection dial gauge
holders 180°
probe lever with
thread



33020
Probe
with flat face



33040
Probe inserts
with domed point



33058
Probe inserts
hardened steel
thread M2.5



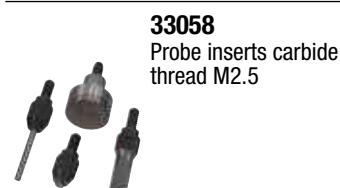
33060
Protection frames
for dial gauges



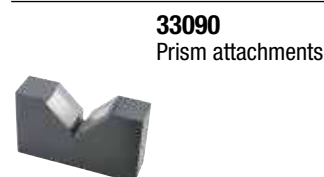
33022
Probe
with flat point



33042
Probe inserts
with ball point



33058
Probe inserts carbide
thread M2.5



33090
Prism attachments

norelem measures

Measuring and testing components

33092Spacers
for prisms
attachments**33184**Adjustable holder
for fixed centres**33105**

Slotted round nuts

**33190**

Fixed centres

**33110**

Pivoting columns

**33202**Measuring element
for gear wheels**33115**

Pivoting systems

**33205**

Ball holders

**33140**

Measuring fixtures

**33250**Clamping component
set**33150**

Measuring arms

**33260**Spring clamps,
stainless steel**33180**Spring mounted
centre sleeves
with tension lever**33262**Columns, stainless
steel for spring
clamps**33182**Centre sleeves
spring mounted with
retraction cam**33263**Mounting plate
stainless steel
for columns for spring
clamps

34000



Fixation for co-ordinate measuring machines,
column principle

Fixation for co-ordinate measuring devices, module

Fixation for optical measuring processes

Fixation for measuring surfaces and contours

norelem measures

Measuring and testing components



34000
Clamping component sets for fixating for co-ordinate measuring machines, column principle



02156-02
Tapered attachment, prism attachment, flat attachment for supporting, stainless steel



34006
Basic quick-action clamp, aluminium high



33225-16
Mounting plates aluminium for precision vices



01042
Baseplates aluminium, with tapped holes



33263
Mounting plate stainless steel for columns for spring clamps



33227-10
Quick-action clamp, aluminium with angle element



33225-20
Adapter, aluminium, for precision vice



34000-10
Claw clamp aluminium



33262
Columns, stainless steel for spring clamps



34007
Quick-action clamp, aluminium with angle element, rotatable



34011
Precision three-jaw chuck manual with adapter



34000-15
Base rail aluminium



33260
Spring clamps, stainless steel



34007-02
Quick-action clamp, aluminium rotatable



33226
Precision three-jaw chuck manual operation



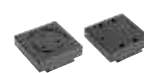
02035-01
Extension pieces stainless steel



34001
Spring clamp with support and base rail



33225
Precision vices



33226-05
Adapter, aluminium, for three-jaw chucks



02005
Self-aligning pads adjustable



34001-10
Toggle clamp, horizontal with horizontal foot, adjustable clamping spindle and support



34010
Precision centric vice



33227
Needle support



02037-01
Jack screws stainless steel



34005
Clamping component sets for fixating for co-ordinate measuring machines, module



33225-10
Precision vices stainless steel, aluminium or brass, mini



34012
Small parts clamp



02156
Supports stainless steel



33227-05
Basic quick-action clamp, aluminium



33225-15
Stainless steel jaw plates for precision vices



34013
Magnetic V-block switchable

norelem measures

Measuring and testing components



34013-05
V-blocks, aluminium,
with spring clamp /
hold-down clamp and
quick-release mount



34007
Quick-action clamp,
aluminium
with angle element,
rotatable



34012
Small parts clamp



34024-01
Centre, steel
for tailstock with
centre height 12 mm



34013-10
V-blocks steel



34007-02
Quick-action clamp,
aluminium
rotatable



34013
Magnetic V-block
switchable



34024-05
Tailstock, aluminium
with centre height
75 mm



34013-11
Spring clamp
with mounting
bracket for V-blocks



33225
Precision vices



34013-05
V-blocks, aluminium,
with spring clamp /
hold-down clamp and
quick-release mount



34024-06
Centre, steel
for tailstock with
centre height 75 mm



34020
Clamping component
set for fixating for
optical measuring
processes



34010
Precision centric vice



34013-10
V-blocks steel



34030
Clamping component
set for fixating for
surface and contour
measuring



33227-05
Basic quick-action
clamp, aluminium



34011
Precision three-jaw
chuck
manual with adapter



34013-11
Spring clamp
with mounting
bracket for V-blocks



34031
Baseplate, aluminium
with quick-action
clamp



34021
Basic quick-action
clamp, aluminium
with extension



33226
Precision three-jaw
chuck
manual operation



34023
V-block holder
aluminium



34031-05
Positioning stage
aluminium
with quick-action
clamp



34022
Quick-change pallet
system, aluminium



33226-05
Adapter, aluminium,
for three-jaw chucks



34023-02
V-blocks, aluminium
with spring clamp



34031-10
Cross table,
aluminium
with quick-action
clamp



33227-10
Quick-action clamp,
aluminium
with angle element



33227
Needle support



34024
Tailstock, aluminium
with centre height
12 mm



33227-10
Quick-action clamp,
aluminium
with angle element

norelem measures

Measuring and testing components



34007
Quick-action clamp,
aluminium
with angle element,
rotatable



34012
Small parts clamp



34007-02
Quick-action clamp,
aluminium
rotatable



34013
Magnetic V-block
switchable



33225
Precision vices



34013-05
V-blocks, aluminium,
with spring clamp /
hold-down clamp and
quick-release mount



34010
Precision centric vice



34013-10
V-blocks steel



34011
Precision three-jaw
chuck
manual with adapter



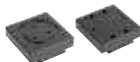
34013-11
Spring clamp
with mounting
bracket for V-blocks



33226
Precision three-jaw
chuck
manual operation



34032
Clamping plate,
aluminium
with spring clamp
and V-block



33226-05
Adapter, aluminium,
for three-jaw chucks



33227
Needle support

41000



3-axis clamping systems, 5-axis clamping systems

Centric vices

NC vices

Multiple clamping systems

Stationary chuck

norelemclamps

Clamping technology



41000
5 Axis clamping
system
for grid plates



41045
Draw-down jaws



41300
5-axis clamping
system compact
jaw plate, smooth



41335
Centre jaws
5-axis clamping
system compact



41000
3 Axis clamping
system
for grid plates



41055
Jaw adapters
for round workpieces



41060
Jaw pins



41340
Jaw plates smooth
for center jaw



41010
5 Axis clamping
system
for T-slots



41060
Jaw pins



41305
Baseplates 5-axis
clamping system
compact



41340
Jaw plates with pins
for centre jaw



41010
3 Axis clamping
system
for T-slots



41065
Extension shafts
with union nut



41320
Jaw plates smooth



41345
Seating ledges
to clip on



41020
Riser plates



41070
Stop set for 3 and
5-axis clamping
systems



41320
Jaw plates
machinable



41345
Seating ledges
screw on



41030
Seating ledges



41085
Fastening set
for T-slots



41325
Pendulum jaws
5-axis-clamping-
system compact



41350
Cylinder clamping
sets



41035
Jaw plates standard



41090
T-slot plate



41330
Jaw plates with pins
for pendulum jaw
5-axis clamping
system compact



41355
Extension shafts



41040
Jaw plates
machinable



96662-01
Torque wrench
for 5-axis clamping
system



41330
Jaw plates smooth
for pendulum jaw
5-axis clamping
system compact



41360
Adapter shafts

norelemclamps

Clamping technology

41365

Couplings for cross-clamping



41411

Centre jaw for 5-axis vice



41125

Inserts for stepped jaws



41192

Hinged stops



41370

Stop set for 5-axis vice compact



96662-01

Torque wrench for 5-axis clamping system



41165

Jaw pads for centric vice 65-80-125 mm



41180

Hold-down jaw pads with spring blade for NC vice



41375

Clamping claw sets



41101

Centric vices jaw width 65 mm



41183

Attachment step jaws for centric vice, jaw width 65 mm



41500

Clamping rails for multi-clamping system



41400

5-axis vice jaw plates smooth



41102

Centric vices jaw width 80-125 mm



41184

Prism jaw pads for centric vice, 65-80-125 mm



41500-05

Clamping rails, short for multi-clamping system



41405

Baseplates 5-axis vice



41102-10

Attachment step jaws for centric vice, jaw width 80-125 mm



41091

NC vice jaw width 125 mm



41501

Wedge clamps steel, with different jaw faces



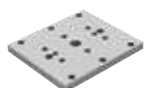
41410

Combination jaw plates smooth and with pins



41104

Baseplate for centric vice



41091-10

Angle drives for NC vice



41502

Fixed jaws ES for multi-clamping system



41410

Jaw plates with pins



41105

Attachment jaws stepped, with grip rail



41092

Attachment step jaw with gripper for NC vice



41502-05

Fixed jaws DS for multi-clamping system



41410

Jaw plates smooth carbide-coated



41106

Step jaw attachment for 5-axis machining



41092-10

Prism jaw pads for NC vice



41505

Screw-on seating ledges for multi-clamping system

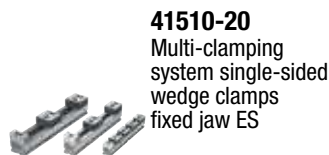


norelemclamps

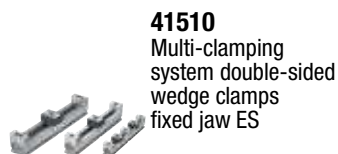
Clamping technology



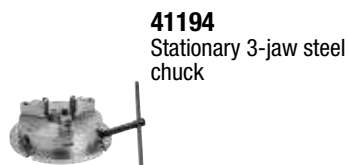
41505-17
T-slot keys
for wedge clamps



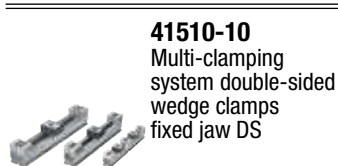
41510-20
Multi-clamping
system single-sided
wedge clamps
fixed jaw ES



41510
Multi-clamping
system double-sided
wedge clamps
fixed jaw ES



41194
Stationary 3-jaw steel
chuck



41510-10
Multi-clamping
system double-sided
wedge clamps
fixed jaw DS



41194-10
Stationary 4-jaw steel
chuck



41505-02
Attachment jaws
machinable
for fixed jaws DS
and ES



41194-15
Jaws, soft steel
for stationary chucks



41505-04
Attachment jaws with
prism
for fixed jaws DS
and ES



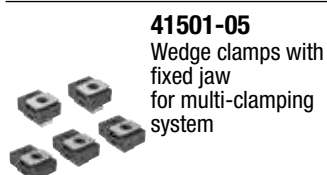
41505-15
Clamping claw sets
for multi-clamping
system



41505-10
Workpiece stops
for multi-clamping
system



41505-12
Spacers
for multi-clamping
system workpiece
stop



41501-05
Wedge clamps with
fixed jaw
for multi-clamping
system

42000



Zero-point clamping systems

5-axis module clamping system 80

5-axis module clamping system 50

norelemclamps

Clamping technology



42208
UNILOCK clamping
pin
size 80 mm



42756
UNILOCK 2x clamping
stations



42780-12
UNILOCK clamping
module
ESA 138



01857-10
Clamping towers,
grey cast iron,
3-sided, with
UNILOCK zero-point
clamping system



42208-05
UNILOCK
compensation
clamping bolt
system size 80 mm



42756
UNILOCK 4x clamping
stations



42780-15
UNILOCK clamping
module
ESM 176



01857-20
Clamping towers,
grey cast iron,
4-sided, with
UNILOCK zero-point
clamping system



42208-10
UNILOCK dovetail
clamping bolts
system size 80 mm



42756
UNILOCK 6x clamping
stations



42780-20
UNILOCK clamping
module
EFM 138



42796
UNILOCK protective
plug for clamping
module



42209
UNILOCK clamping
pin
with through hole
system size 80 mm



42756
UNILOCK 8x clamping
stations



42780-40
UNILOCK clamping
module
EGM 110-75



42796
UNILOCK protective
bolt
for clamping module



42209-10
UNILOCK reducer
adapters system size
138 mm



42756-10
UNILOCK Turn
clamping stations



42780-45
Pallet coupler
for UNILOCK clamping
module EGM 110-75



42797
Port strips for
UNILOCK clamping
stations



42751-20
UNILOCK clamping
bracket
for UNILOCK clamping
station



42779
UNILOCK clamping
module
ASM 99



42780-50
UNILOCK clamping
module risers
ESM 138-C



42200
UNILOCK 5-axis basic
module
system size 80 mm



42755
UNILOCK
interchangeable
subplates
for zero-point
clamping system



42780
UNILOCK clamping
module
ERGO 138



42784
UNILOCK manual
clamping module



42201
UNILOCK 5-axis basic
module double clamp
size 80 mm



42756
UNILOCK 1x clamping
stations



42780-10
UNILOCK clamping
module
ESM 138-C



01857
Tombstones, grey
cast iron, double-
sided, with UNILOCK
zero-point clamping
system



42201-10
UNILOCK 5-axis basic
module DUO
system size 80 mm

norelemclamps

Clamping technology



42201-15
UNILOCK 5-axis basic
module VARIO
system size 80 mm



42205
UNILOCK 5-axis face-
grip adapter
size 80 mm



42217
UNILOCK 5-axis add-
on module
system size 50 mm



42202
UNILOCK 5-axis
baseplate for general
clamping, system size
80 mm



42206
UNILOCK 5-axis
reducer adapter
size 80 mm



42218
UNILOCK 5-axis
reducer adapter
system size 50 mm



42203
UNILOCK 5-axis add-
on clamping module
size 80 mm



42206
UNILOCK 5-axis
reducer adapter
size 80 mm



42219
UNILOCK clamping
pin
system size 50 mm



42208
UNILOCK clamping
pin
size 80 mm



42210
UNILOCK 5-axis
clamping bolts
for fastening to
workpieces size
80 mm



96662
Torque wrench
for 5-axis clamping
system



42208
UNILOCK clamping
pin
with threaded pin
size 80 mm



42211
UNILOCK 5-axis T-slot
centring clamp bolt
size 80 mm



42215
UNILOCK 5-axis basic
module
system size 50 mm



42208-05
UNILOCK
compensation
clamping bolt
system size 80 mm



42212
UNILOCK 5-axis
shoulder screws
size 80 mm



42216
UNILOCK 5-axis basic
module double clamp
system size 50 mm



42208-10
UNILOCK dovetail
clamping bolts
system size 80 mm



42213
UNILOCK 5-axis
shoulder screws
for fastening to
workpieces size
80 mm



42209
UNILOCK clamping
pin
with through hole
system size 80 mm



42214
UNILOCK centring
clamping bolt
size 80 mm

80000



Connectors

Connectors with cables

Energy chains

Cable management

norelemcontrols

Electromechanics

 80100 Connectors self-assembly with screw fitting	 80161-10 Connecting coupling GST18i3 plug - GST18i3 socket	 80850-21 Connecting elements, plastic for energy chains, inner height 25 mm	 80850-91 Connecting elements, plastic for energy chains, inner height 45 mm
 80100-10 Connector for pneumatic rotary module	 80161-49 End caps for GST18i3 sockets	 80850-22 Separator, plastic for energy chains, inner height 25 mm	 80850-92 Separator, plastic for energy chains, inner height 45 mm
 80130 Connectors 8 mm bush with latch lock, unshielded	 80850 Energy chains, plastic inner height 12 mm, closed	 80850-23 Tension relief, plastic for energy chains, inner height 25 mm	 80850-93 Tension relief, plastic for energy chains, internal height 45 mm
 80150 Connectors M8x1 bush with screw lock, unshielded	 80850-01 Connecting element, plastic for energy chains, inner height 12 mm	 80850-30 Energy chains, plastic inner height 35 mm, openable along inner radius	 80855 3D energy chains, plastic
 80150-10 Connectors bush M12x1 with screw lock	 80850-10 Energy chains, plastic inner height 17 mm, openable along inner radius	 80850-31 Connecting elements, plastic for energy chains, inner height 35 mm	 80855-05 Connecting elements with tension relief
 80150-30 Connector socket M23x1, with screw lock	 80850-11 Connecting elements, plastic for energy chains, inner height 17 mm	 80850-32 Separator, plastic for energy chains, inner height 35 mm	 80855-06 Connecting elements
 80161 Main cable Schuko - GST18i3	 80850-12 Separator, plastic for energy chains, inner height 17 mm	 80850-33 Tension relief, plastic for energy chains, inner height 35 mm	 80855-08 Low-friction guides
 80161-05 Connecting cables GST18i3 plug - GST18i3 socket	 80850-20 Energy chains, plastic inner height 25 mm, openable along inner radius	 80850-90 Energy chains, plastic inner height 45 mm, openable from both sides	 80855-10 Rotary flanges

norelemcontrols

Electromechanics



80855-11
Swivel arms with
low-friction guide



80855-41
Swivel arms with
spring stop



10454
Cable clips with T-slot
key



80855-15
Protectors



80855-45
Return springs



10916
Cable tie blocks Ø30
type I



80855-16
Connection protectors



80900
Bracket with hook
and loop fastener
for screw mounting



80855-20
Adapter



80900-05
Bracket with hook
and loop fastener
for aluminium profiles



80855-21
Brackets for adapters



80901
Hook and loop
fastener on a roll
self-extinguishing



80855-25
Cable glands



80902
Hook and loop belt
with buckle plastic
self-extinguishing



80855-26
Plug



10451
Cable tie block



80855-40
Brackets with spring
stop



10453
Cable clips

81000



Emergency stop button

Push button

Selector switch

Indicator lamp

Fitted sockets

Contact elements

Surface-mounted housings

Signal towers

Signal lights

norelemcontrols

Electromechanics



81150
Emergency stop button, fitted version Ø 16.2 mm, flat pin connector



81150-21
Emergency stop button in Ø 22.3 mm housing „Minibox“ connection M12



81002-06
Push button with ring illumination, fitted version Ø 22.3 mm type, RRJ for contact elements



81050
Selector switch, installation version, Ø 22.3 mm, flat tab connector, compact



81150-04
Emergency stop button, fitted version Ø 22.3 mm, flat pin connector



81150-22
Emergency stop button with push button in Ø 22.3 mm housing „Minibox“ connection M12



81002-10
Membrane switch, fitted version Ø 22.3 mm, type RRJ, for contact elements



81050-03
Selector switch, snap-type installation version Ø 22.3 mm, tab plug connector, compact



81150-05
Emergency stop button built-in version Ø 22.3 mm, flat plug connection for hygienic areas



81000
Push button, installation version, Ø 22.3 mm flat tag connection, compact



81002-90
Blind plug, fitted version Ø 22.3 mm, type RRJ



81050-10
Lockable switch, snap-action, installation version, Ø 22.3 mm, flat tab connection, compact



81150-06
Emergency stop button built-in version Ø 22.3 mm, type RRJ for contact elements



81000-01
Push button switch, illuminated, installation version, Ø 22.3 mm flat-tag plug, compact



81039
Double push button switch, installation version, Ø 22.3 mm, with contact block, screw connection



81052
Selector switch, snap-type, installation version Ø 22.3 mm, type RRJ for contact elements



81150-08
Emergency stop button, fitted version Ø 22.3 mm with contact blocks



81000-03
Push button, tactile, installation version, Ø 22.3 mm tab plug connector, compact



81040
Button caps



81052-02
Selector switch, tactile, installation version Ø 22.3 mm, type RRJ for contact elements



81150-12
Emergency stop button in Ø 22.3 mm housing, with contact blocks, cable gland M20



81000-04
Press button, illuminated, tactile installation version, Ø 22.3 mm flat tab connection, compact



80040-10
Cap lifters



81052-04
Light selector switch, snap-type, installation version Ø 22.3 mm, type RRJ for contact elements



81150-16
Emergency stop button in Ø 22.3 mm housing with contact blocks, connection M12



81000-06
Push button with ring lamp, installation version, Ø 22.3 mm flat tab connection, compact



81040-11
Assembly key with torque limiter



81052-06
Light selector switches, tactile, installation version Ø 22.3 mm, type RRJ for contact elements



81150-20
Emergency stop button in Ø 22.3 mm housing „Minibox“ cable gland M16



81002
Push button fitted version Ø 22.3 mm type RRJ for contact elements



81040-15
Labelling tags, round



81052-10
Lockable switch, snap-action, installation version, Ø 22.3 mm, type RRJ for contact elements

norelemcontrols

Electromechanics



81052-12
Lockable switch,
tactile, installation
version Ø 22.3 mm
type RRJ for contact
elements



81180-90
Protective caps for
fitted sockets



81100-85
Lamp sockets, screw
fitting, socket L5.5k
type B



81400-30
Connecting element,
Ø 70 mm
12-230 V AC/DC



81090
Key for lockable
buttons



81100-05
Contact elements,
flat plug connection,
button function
type BZ



81100-90
LiED's with series
resistor and single-
phase rectifier, socket
L5.5k 12/24 V



81400-32
Base with Ø 25 mm
tube



81175
Indicator lamps, LED,
installation version
Ø 22.3 mm
flat tab connector,
compact



81100-06
Contact elements,
illuminable, flat plug
connection, switch
function type BZ



81200
Housing for control
and signaling devices
installation opening
Ø 22.3 mm



81400-35
Base for Ø 25 mm
tube



81175-04
Indicator lamps
installation version
Ø 22.3 mm type RRJ
for contact elements



81100-20
Contact elements,
screw connection,
button function
type BZ



81200-05
Housing for control
and signaling devices
installation opening
Ø 22.3 mm



81400-39
Tube Ø 25 mm



81175-10
Cups



81100-21
Contact element,
illuminable, screw
fitting
key function type BZ



81400-20
Signal towers, LED
green, yellow, red,
Ø 70 mm
complete unit



81400-40
Mounting bracket



81180
USB fitted sockets
Type USB-A



81100-40
Contact elements,
flat plug connection,
button function
type CT



81400-22
Light element LED,
Ø 70 mm
24 V AC/DC



81415-10
Auxiliary lamps LED,
Ø 62 mm
24 V AC/DC



81180-10
USB fitted sockets
type USB-C



81100-41
Contact elements,
illuminable, flat plug
connection, button
function type CT



81400-25
Siren element,
continuous/
alternating tone,
Ø 70 mm
24 V AC/DC



81415-13
Mounting adapter
Ø 62 mm



81180-15
RJ45 fitted socket



81100-80
Lamp sockets, flat
plug connection,
socket L5.5k type B



81400-28
Buzzer element,
continuous/pulse
tone, Ø 70 mm
24 V AC/DC



81415-15
Auxiliary lamps LED,
Ø 85 mm
12/24 V AC/DC

norelemcontrolsElectromechanics

81415-18Mounting adapter
Ø 85 mm

82000



Power supply units

Power supply equipment

norelemcontrols

Electromechanics



82100-10

Switched-mode
power supplies
for top-hat rail
mounting



82100-20

Power supply unit
24V DC, 60W, 2.5A,
input 90-264V AC
with M12 A-coded
socket



82100-21

Power supply unit
24V DC, 36W, 1.5A,
input 100-240V AC
with M12 A-coded
socket



82001

Socket strips in an
aluminium housing

83000



Inductive sensors, magnetic field sensors

Forked photoelectric sensors

Mechanical position switches

Safety switch

norelemcontrols

Electromechanics

**83000**

Inductive proximity
switches
round housing

**83450-10**

Actuator for position
switch

**83000-05**

Inductive proximity
switches
rectangular housing

**83455**

Safety switch
magnetically coded

**83000-10**

Inductive proximity
switches, threaded
housing

**83455-10**

Actuator
for magnetically
coded safety switch

**83000-15**

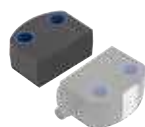
Inductive proximity
switches
round housing

**83456**

Safety switch
RFID coded

**83001**

Magnetic field sensor

**83456-10**

Actuator
for RFID coded safety
switch

**83010**

Sensor holders with
T-slot
for round cylinder

**83300**

Forked photoelectric
sensors, housing
aluminium

**83450**

Mechanical position
switch
plastic housing

84000



Cable screw connections, screw plugs

Cable glands

norelemcontrols

Electromechanics



84100
Cable glands, plastic



84100-50
Screw plugs
plastic, round



84100-05
Cable glands
nickel-plated brass



84100-51
Screw plugs
brass, round



84100-10
Cable glands
stainless steel



84102
Cable gland plates



84100-13
Cable glands,
stainless steel or
plastic
in Hygienic DESIGN



84104
Cable grommet EPDM



84100-15
Cable glands
EMC nickel-plated
brass



84100-20
Cable glands EMC
stainless steel



84100-30
Hexagon nuts
for cable glands



84100-32
Hexagon nuts
for EMC cable glands

85000



Actuators

Stepper motors

Lifting columns

Electro cylinders

Gateway, Bluetooth module

norelemcontrols

Electromechanics

**85000-50**

Actuators, stainless steel or aluminium, for linear actuators

**85325-06**

Electro cylinder size 60, IO-Link servo actuators

**85000-51**

Mounting sets, stainless steel actuators

**85325-08**

Electro cylinder size 80, IO-Link servo actuators

**85000**

Stepper motors

**85875**

Gateway

**85000-10**

Stepper motors with integrated positioning control

**85875-50**

Magnetic base for Wi-Fi antenna

**85000-15**

Accessories for stepper motors with integrated positioning control

**85875-51**

Extension cable for Wi-Fi antenna

**85300**

Lifting columns aluminium electrically adjustable

**85876**

Universal transmitter for Smart Products

**85300-10**

Controls for lifting columns

**85300-15**

Hand switch for lifting columns

86000



System lighting

Machine lamps

Accessories for lamps

noremcontrols

Electromechanics

86050

LED workplace lamps
in an aluminium
housing
230 volt, dimmable

**86090-25**

Lamp holders

**86050-02**

LED workstation
lamps in aluminium
housing, 5,600 K,
230 volt

**86091**

Dimmer operating
unit

**86050-05**

LED workstation
lamps in aluminium
housing, 5,700 K,
230 volt, dimmable

**86091-02**

Dimmer operating
unit 24 V DC with
M12 A-coded plug/
socket

**86050-10**

LED workstation
lamps in aluminium
housing,
5,200 - 5,700 K,
dimmable, 24 volt DC

**86091-20**

Motion detector PIR
sensor 24 V DC with
A-coded M12 plug/
socket

**86025**

LED machine lamps
in aluminium housing,
5,600 K, dimmable,
24 volt DC, safety
glass

**86025-10**

LED machine lamps
in aluminium housing,
5,600 K, dimmable,
24 volt DC

**86090**

Connector plates with
slots for LED lamps

**86090-20**

Mounting bracket



90000



Round flat suction cups

Bellows suction cups, round

Oval flat suction cups

Oval bellows suction cups

Suction cup accessories

Vacuum generator

norelem transports

Conveying and movement technology

90000

Flat suction cups,
round with integrated
fasteners



90100

Fasteners for suction
cups



90000-11

Bell suction cups,
round, with integrated
fasteners



90100-10

Fasteners for oval
suction cups



90012

Flat suction cups,
round, with separate
fasteners



90150

Inline ejectors



90025

Bellows suction cups,
round, 1.5 folds with
integrated fasteners



90150-04

Mini ejectors



90037

Bellows suction cups,
round, 1.5 folds with
separate fastening



90150-08

Vacuum pumps,
pneumatic



90050

Flat suction cups,
oval with integrated
fasteners



90062

Flat suction cups,
oval, with separate
fasteners



90075

Bellows suction cups,
oval 1.5 folds with
integrated fastener



95000



Wheels, castors

Bearing guide rollers

Ball transfer units

Small conveyor belts

norelem transports

Conveying and movement technology

**95010**

Appliance swivel and fixed castors with solid rubber tyres, standard version

**95024**

Steel plate swivel and fixed castors with abrasion resistant polyurethane tread, standard version

**95034**

Steel plate swivel and fixed castors with polyamide wheels, standard version

**95046-15**

Swivel and fixed equipment castors, steel with TPU tread, for aluminium profiles

**95010**

Appliance swivel and fixed castors, electrically conductive, with rubber tread, standard version

**95025**

Steel plate swivel and fixed castors with elastic solid rubber tread, medium load version

**95036**

Steel plate swivel and fixed castors with polyamide wheels, heavy duty version

**95046-16**

Swivel and fixed equipment castors, steel with TPU tread, electrically conductive for aluminium profiles

**95012**

Steel plate swivel and fixed castors with standard solid rubber tyres, heavy duty version

**95025-01**

Steel plate swivel and fixed castors with polyurethane elastomer tread, heavy duty version

**95040**

Steel plate swivel and fixed castors with polyamide wheels, heavy duty version, plain and ball bearings

**95046-17**

Swivel and fixed equipment castors, steel with TPE tread, for aluminium profiles

**95012**

Steel plate swivel and fixed castors, electrically conductive with rubber tread, heavy duty version

**95026**

Swivel and fixed castors steel plate, with soft rubber tyres

**95041**

Swivel and fixed castors, stainless steel with polyamide wheels, standard version

**95046-18**

Swivel and fixed equipment castors, steel with TPE tread, electrically conductive for aluminium profiles

**95016**

Sheet steel swivel and fixed castors with solid rubber tyres, standard version

**95026-01**

Swivel castors, steel plate, with soft rubber tyres and bolt hole

**95045**

Swivel castors compact version

**95046-19**

Swivel and fixed equipment castors, steel with elastic solid rubber tread, for aluminium profiles

**95016**

Steel plate swivel and fixed castors, electrically conductive with rubber tread, standard version

**95028**

Steel plate swivel and fixed castors with Extrathane® tread, medium load version

**95046**

Swivel and fixed castors steel plate, for sterile areas

**95050**

Wheels rubber tyres on steel plate rims

**95018**

Sheet steel swivel and fixed castors with vulcanised-on elastic solid rubber tyres, standard version

**95030**

Steel plate swivel and fixed castors with Extrathane® tread, heavy duty version

**95046-01**

Swivel and fixed castors stainless steel for sterile areas

**95050-05**

Solid rubber wheels with polyamide wheel hub

**95020**

Steel plate swivel and fixed castors with steel wire reinforced elastic solid rubber tyres, heavy duty version

**95032**

Welded steel swivel and fixed castors with Extrathane® tread, heavy-duty version

**95046-02**

Swivel castors, stainless steel, with bolt hole and polyurethane tread, for sterile areas

**95053**

Wheels rubber tyres on die-cast aluminium rims

norelem transports

Conveying and movement technology



95053-05
Elastic solid rubber
wheels with
aluminium wheel hub



95057
Guide rollers



95060-15
Heavy-duty wheels,
solid rubber with
polyamide or steel
wheel hub



95100
Guide rollers, plastic,
cylindrical with and
without stainless
steel pins



95053-06
Elastic solid rubber
wheels with
polyamide wheel hub



95058
Wheels
aluminium rims with
injection-moulded
tread



95062
Wheels polyamide



95100-05
Guide rollers, plastic,
convex with and
without stainless
steel pins



95056
Wheels
polyamide with
injection-moulded
tread



95059
Rollers heavy-load



95064
Wheels polyamide
heavy-duty version



95101
Guide rollers, plastic,
cylindrical without
pins



95056-05
Polyamid wheels with
polyurethane tread



95059-05
Heavy-duty wheel
cast polyamide



95090
Elevating castors with
foot
with bolt hole or
mounting plate



95101-05
Guide rollers, steel,
cylindrical



95056-06
Polyamide wheels,
electrically
conductive, with
polyurethane tread



95060
Wheels heavy-load
wheel body welded



95090-01
Elevating castors with
integrated locking
foot
for aluminium profiles



95101-10
Guide rollers, steel,
concave



95056-10
Polyamid wheels with
polyurethane tread,
heavy-duty version



95060-05
Heavy-duty wheels
with polyurethane
tread and aluminium
wheel hub



95092
Elevating castors
with integrated
machine foot



95101-15
Guide rollers, steel,
V-form



95056-20
Polypropylene wheels
with rubber tread



95060-06
Heavy-duty wheels
with polyurethane
tread and steel wheel
hub



95092-01
Elevating castors with
integrated machine
foot, antistatic
for aluminium profiles



95101-20
Guide rollers, steel
with flange one side



95056-21
Polypropylene
wheels, electrically
conductive, with
rubber tread



95060-10
Heavy-duty wheels
solid rubber with
polyamide wheel
hubs



95092-01
Elevating castors with
integrated machine
foot
for aluminium profiles



95101-25
Guide rollers, steel
with flange both sides

norelem transports

Conveying and movement technology

95102

Steel or stainless steel pins for guide rollers



95158

Ball transfer units with fastening holes, without housing



95150

Ball transfer units with steel housing



95160

Ball transfer units with spring clips



95152

Ball transfer units with steel housing and plastic ball



95161

Ball transfer units steel with clampable ball



95153

Ball transfer units with plastic housing



95164

Tolerance rings



95154

Ball transfer units undersprung



95180

Ball transfer units mini



95156

Ball transfer units with solid steel housing



95182-01

Ball transfer units with stud stainless steel



95156-01

Ball transfer units heavy duty stainless steel



95300

Small conveyor belts with internal drive



95156-02

Ball transfer units heavy duty stainless steel, suitable for outdoor use



96000



Coolant hoses

Magnetic labels, magnetic envelopes

Protective nets, protective mats, separators

Edge protection profiles

Sealing profiles

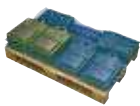
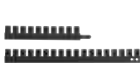
Self-adhesive profiles

Taper cleaners

Tools, workshop supplies

norelemtechnoshop

Technical accessories and equipment for the production environment

 96200 Coolant hose LOC-LINE® Flexi	 96470 Magnetic envelopes	 96521 Edge protection profiles with integrated steel wire core	 96636 Cylinder cleaners
 96202 Suction hoses LOC-LINE® Flexi 75	 96471 Magnetic envelopes with strong magnetics	 96521-05 Silicone edge protection profiles with integrated steel retaining strip FDA approved	 96382 Feeler gauge strips
 96203 Suction hoses LOC-LINE® Flexi 75 antistatic	 96500 Net sleeves	 96523 Four-lip profiles EPDM foam rubber	 96390 Ball chains
 96205 High pressure nozzles LOC-LINE®	 96500-01 Plastic protective net caps	 96523-02 Lip profiles PVC	 96610 Supercraft soft faced hammer recoilless
 96450 Magnetic labels on a roll, perforated	 96510 Net mats	 96525 Cellular rubber rectangular profiles EPDM or CR, self-adhesive	 96614 Hammer inserts for Supercraft hammers
 96455 Magnetic labels	 96512 Plastic separators for Euro containers	 96630 Taper cleaners for Morse tapers	 96650 Hook wrench with lug DIN 1810A enhanced
 96460 Magnetic tape rolls	 96520 Edge protection profiles with steel retaining strip	 96632 Taper cleaners for short tapers	 96650-02 Hinged hook hook wrench with lug
 96465 Magnetic C profiles	 96520-05 Silicone edge protection profiles with integrated steel retaining strip FDA approved	 96634 Taper cleaners for hollow shank tapers	 96650-04 Hook wrench with pin DIN 1810B

norelemtechnoshop

Technical accessories and equipment for the production environment

96651

Face pin spanner
adjustable, cranked



96651-01

Face pin spanner,
adjustable



96661-03

Combination spanner
with protective caps



96661-04

Sockets and plastic
inserts



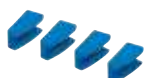
96661-15

Pliers wrench
with protective jaws



96661-16

Protective jaws
for pliers wrench



96662

Torque wrench
for 5-axis clamping
system



96662-01

Torque wrench
for 5-axis clamping
system



97000



Lubricants

Grease nipple

LOCTITE

Application equipment and grease guns

norelemtechnoshop

Technical accessories and equipment for the production environment

97900
Klüber "Quietsch-Ex"



97930
Ballistol all-purpose
oil in food industry
quality



97950
Grease nipple
assortment box, steel



97990
LOCTITE retaining
compound



97901
Klüber lubricating
paste



97940
Grease nipples
conical head
DIN 71412



97990
LOCTITE epoxy liquid
metal, 500 g tin set



97990
LOCTITE cleaner



97903
Klüber copper paste
lead-free



97940-01
Grease nipples
conical head
DIN 71412 to press in



97990
LOCTITE epoxy liquid
metal, 25 ml twin
syringe



97990
LOCTITE activators



97905
Klüber safety
lubricating grease



97940-01
Press-in tool for
DIN 71412 conical
head grease nipples



97990
LOCTITE threadlocker



97990
Application
equipment



97907
Klüber molybdenum
disulphide lubricant



97941
Grease nipple caps
for conical grease
nipples



97990
LOCTITE universal
adhesive



97990-10
Push-type grease
guns



97907-10
Lubricating greases



97942
Grease nipples
flush type, DIN 3405



97990
LOCTITE thread
sealant



97990-11
DIN 1283 grease
guns



97909
Klüber liquid chain
grease



97942-01
Grease nipples flush
type DIN 3405
to press in



97990
LOCTITE flange
sealant



97990-12
Grease guns,
one-hand operation,
similar to DIN 1283



97920
Klüber bonded
coating
UNIMOLY C 220



97944
Grease nipples
button head DIN 3404



97990
LOCTITE adhesive
and sealant



97990-13
Grease guns,
two-hand operation



norelemtechnoshop

Technical accessories and equipment for the production environment

97990-15

Grease gun
mouthpieces, steel



97990-16

Reinforced hoses
for DIN 1283 grease
guns



97990-30

Pump spray bottles



inch



Rest pads and positioning feet - inch

Workpiece supports - inch

Spring plungers - inch

Ball lock pins - inch

Indexing plungers - inch

Lateral spring plungers - inch

Clamp straps - inch

Cam levers - inch

Grips and knobs - inch

Handwheels, crank handles and
screw-in grips - inch

Clamping and tension levers - inch

Pull handles - inch

Nuts, screws, washers,
securing elements - inch

Grub screws and pressure pads - inch

Lifting rings - inch

Levelling feet, swivel feet,
machine feet - inch

Tubular connection system - inch

norelem inch

Inch parts

02110 inch

Swivel feet - inch



02270 inch

Step blocks - inch



norelem inch

Inch parts



03000 inch

Spring plungers with slot and ball, steel - inch



03026 inch

Spring plungers with hexagon socket and ball, steel - inch



03055 inch

Spring plungers with hex socket and thrust pin, stainless steel, standard spring force - inch



03089 inch

Indexing plungers, stainless steel with stainless steel mushroom grip - inch



03001 inch

Spring plungers with slot and ball, steel, with thread lock - inch



03031 inch

Spring plungers with hex socket and ball, steel, with thread lock - inch



03056 inch

Spring plungers with hex socket and thrust pin, stainless steel, standard spring force, with thread lock - inch



03089 inch

Indexing plungers, steel or stainless steel with plastic mushroom grip and extended indexing pin - inch



03010 inch

Spring plungers with slot and ball, stainless steel - inch



03035 inch

Spring plungers with hexagon socket and ball, stainless steel - inch



03058 inch

Spring plungers with hex socket and POM thrust pin, stainless steel - inch



03089 inch

Indexing plungers, steel or stainless steel, short version with plastic mushroom grip - inch



03011 inch

Spring plungers with slot and ball, stainless steel, with thread lock - inch



03036 inch

Spring plungers with hex socket and ball, stainless steel, with thread lock - inch



03058 inch

Spring plungers with hex socket and POM thrust pin, stainless steel, with thread lock - inch



03090 inch

Indexing plungers, steel or stainless steel with plastic mushroom grip and cap - inch



03020 inch

Spring plungers with slot and thrust pin, steel - inch



03040 inch

Spring plungers with hex socket and thrust pin, steel - inch



03193 inch

Ball lock pins with plastic grip and metal collar - inch



03090 inch

Indexing plungers, steel with plastic cam lever - inch



03021 inch

Spring plungers with slot and thrust pin, steel, with thread lock - inch



03041 inch

Spring plungers with hex socket and thrust pin, steel, with thread lock - inch



03194 inch

Ball lock pins with stainless steel mushroom grip - inch



03091 inch

Indexing plungers, steel with draw hook - inch



03025 inch

Spring plungers with slot and thrust pin, stainless steel - inch



03050 inch

Spring plungers with hex socket and POM thrust pin, steel - inch



03412 inch

Locking pin with magnetic axial lock - inch



03092 inch

Indexing plungers, steel or stainless steel with threaded pin - inch



03026 inch

Spring plungers with slot and thrust pin, stainless steel, with thread lock - inch



03051 inch

Spring plungers with hex socket and POM thrust pin, steel, with thread lock - inch



03089 inch

Indexing plungers, steel or stainless steel with plastic mushroom grip - inch



03093 inch

Indexing plungers, steel or stainless steel, without collar, with plastic mushroom grip - inch

norelem inch

Inch parts



03093 inch

Indexing plungers, steel or stainless steel, without collar, with plastic mushroom grip and extended indexing pin - inch



03330 inch

Lateral spring plungers with aluminium sleeve and plastic or steel thrust pin - inch



03093 inch

Indexing plungers, stainless steel, without collar, with stainless steel mushroom grip - inch



03330 inch

Eccentric bushes and assembly tools for lateral spring plungers - inch



03096 inch

Indexing plungers, steel or stainless steel without collar, with threaded pin - inch



03099 inch

Cam-action indexing plungers - inch



03099 inch

Cam-action indexing plungers stainless steel - inch



03099-11 inch

Cam-action indexing plungers - inch



03099-11 inch

Cam-action indexing plungers stainless steel - inch

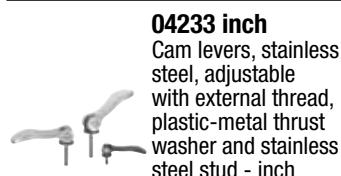
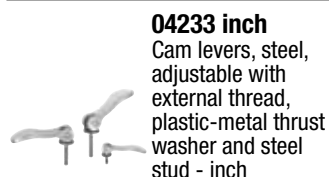
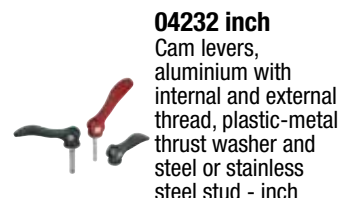


03190 inch

indexing plungers, steel with plastic five lobe grip - inch

norelem inch

Inch parts



norelem inch

Inch parts



06010 inch
Knurled nuts
DIN 6303, steel and
stainless steel - inch



06212 inch
Star grips similar to
DIN 6336, metal parts
stainless steel - inch



06245 inch
Spherical knobs -
inch



06652 inch
Wing grips tapped
through - inch



06090 inch
Knurled screws
DIN 464 high form,
steel and stainless
steel - inch



06212 inch
Star grips with safety
cable similar to
DIN 6336, metal parts
stainless steel - inch



06247 inch
Ball knobs aluminium
DIN 319 - inch



06652 inch
Wing grips with cap,
plastic, threaded
insert steel or
stainless steel - inch



06092 inch
Knurled knobs,
plastic, with cap -
inch



06220 inch
Star grips similar to
DIN 6336 - inch



06253 inch
Five lobe grips with
cap, plastic, threaded
insert steel or
stainless steel - inch



06652-10 inch
Wing grips
„Miniwing“ stainless
steel - inch



06158 inch
Palm grips stainless
steel, similar to
DIN 6335 - inch



06220 inch
Star grips with safety
cable similar to
DIN 6336 - inch



06266 inch
Knurled knobs - inch



06851 inch
Five lobe grip, plastic
(thermoset) with
internal thread,
threaded insert steel
or stainless steel -
inch



06160 inch
Palm grips grey cast
iron, DIN 6335 - inch



06224 inch
Star grips, plastic
with safety function
- inch



06267 inch
Knurled knobs metal
parts stainless steel
- inch



06851-01 inch
Five lobe grip, plastic
(thermoset) with
external thread,
threaded insert steel
or stainless steel -
inch



06194 inch
Star grips stainless
steel, similar to
DIN 6336 - inch



06240 inch
Mushroom knobs
with internal thread,
stainless steel - inch



06651 inch
Wing grips internal
thread, stainless steel
- inch



06255 inch
Handwheels 2-spoke
plastic - inch



06200 inch
Star grips grey cast
iron, DIN 6336 - inch



06241 inch
Mushroom knobs,
plastic, with internal
thread and cap - inch



06652 inch
Wing grips
„Miniwing“ tapped
through - inch



06255 inch
Handwheels 2-spoke
plastic, with folding
grip - inch



06210 inch
Star grips with
projecting steel bush
- inch



06242 inch
Mushroom knobs,
plastic, with external
thread and cap - inch



06652 inch
Wing grips
„Miniwing“ - inch



06255 inch
Handwheels 2-spoke
plastic, with revolving
grip - inch

norelem inch

Inch parts



06262 inch
Handwheels, plastic
- inch



06279 inch
Handwheels disc
similar to DIN 950,
aluminium - inch



06500 inch
Crank handles with
fold-down cylinder
grip, without keyway
- inch



06410 inch
Clamping levers,
die-cast zinc, with
internal thread, black
and silver, threaded
insert black oxidised
steel - inch



06263 inch
Handwheels with
revolving cylinder grip
- inch



06287 inch
Handwheels disc with
revolving grip - inch



06830 inch
Handwheels, plastic
(thermoset) - inch



06411 inch
Clamping levers,
die-cast zinc, with
internal thread, black
and silver, threaded
insert stainless steel
- inch



06264 inch
Handwheels with
fold-down grip
cylinder - inch



06288 inch
Handwheels disc
without grip - inch



06370 inch
Tension levers
internal thread - inch



06430 inch
Clamping levers,
die-cast zinc, with
external thread, black
and silver, threaded
insert black oxidised
steel - inch



06268 inch
Knurled knobs with
grip - inch



06316 inch
Taper grips revolving
oval - inch



06371 inch
Tension levers
internal thread,
stainless steel - inch



06431 inch
Clamping levers,
die-cast zinc, with
external thread, black
and silver, threaded
insert stainless steel
- inch



06271 inch
Handwheels DIN 950
grey cast iron - inch



06325-01 inch
Plastic cylindrical
grips, revolving - inch



06380 inch
Tension levers
external thread - inch



06440 inch
Clamping levers,
electropolished
stainless steel, with
internal thread,
threaded insert
stainless steel - inch



06273 inch
Handwheels DIN 950,
aluminium - inch



06326-01 inch
Plastic cylindrical
grips, fold-away -
inch



06381 inch
Tension levers
external thread,
stainless steel - inch



06440 inch
Clamping levers,
steel, with internal
thread, hammer tone
enamelled, threaded
insert black oxidised
steel - inch



06275 inch
Disc handwheels,
aluminium, turned
and polished - inch



06360 inch
Handles - inch



06390 inch
Tension levers flat
internal thread - inch



06441 inch
Clamping levers,
electropolished
stainless steel, with
external thread,
threaded insert
stainless steel - inch



06277 inch
2-spoke handwheels,
polished aluminium
- inch



06500 inch
Crank handles with
revolving cylinder
grip, locating hole
without slot - inch



06400 inch
Tension levers flat
external thread - inch



06441 inch
Clamping levers,
steel, with external
thread, hammer tone
enamelled, threaded
insert black oxidised
steel - inch

norelem inch

Inch parts

 06442 inch Clamping levers, steel, with internal thread, ruby red, threaded insert black oxidised steel - inch	 06450 inch Clamping levers, die-cast zinc, with internal thread, satin finish, threaded insert black oxidised steel - inch	 06454 inch Clamping levers, stainless steel with internal thread and protective cap, threaded insert stainless steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread and protective cap, pure orange satin finish, threaded insert black oxidised steel - inch
 06442 Clamping levers, steel with internal thread, threaded insert black oxidised steel - inch	 06450 inch Clamping levers, die-cast zinc with internal thread, threaded insert black oxidised steel - inch	 06454 inch Clamping levers, electropolished or abrasive blasted stainless steel, with internal thread, threaded insert stainless steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread and protective cap, threaded pin black oxidised steel - inch
 06443 inch Clamping levers, steel, with external thread, ruby red, threaded insert, black oxidised steel - inch	 06449 inch Clamping levers, die-cast zinc, with internal thread and protective cap, pure orange satin finish, threaded insert black oxidised steel - inch	 06458 inch Clamping levers, die-cast zinc, flat with external thread, threaded pin black oxidised steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread and protective cap, pure orange satin finish, threaded insert stainless steel - inch
 06443 Clamping levers, steel with external thread, threaded pin black oxidised steel - inch	 06450 Clamping levers, die-cast zinc with internal thread and protective cap, threaded insert black oxidised steel - inch	 06458 inch Clamping levers, die-cast zinc, flat with external thread, pure orange satin finish, threaded insert black oxidised steel - inch	 06461 inch Clamping levers, die-cast zinc with external thread and protective cap, threaded pin stainless steel - inch
 06448 inch Clamping levers, die-cast zinc, flat with internal thread, pure orange satin finish, threaded insert black oxidised steel - inch	 06451 inch Clamping levers, die-cast zinc, with internal thread and protective cap, pure orange satin finish, threaded insert stainless steel - inch	 06459 inch Clamping levers, die-cast zinc, flat with external thread, threaded pin stainless steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread, satin finish, threaded insert stainless steel - inch
 06448 inch Clamping levers, die-cast zinc, flat with internal thread, threaded insert black oxidised steel - inch	 06451 inch Clamping levers, die-cast zinc with internal thread and protective cap, threaded insert stainless steel - inch	 06459 inch Clamping levers, die-cast zinc, flat with external thread, pure orange satin finish, threaded insert stainless steel - inch	 06461 inch Clamping levers, die-cast zinc with external thread, threaded insert stainless steel - inch
 06449 inch Clamping levers, die-cast zinc, flat with internal thread, threaded insert stainless steel - inch	 06451 inch Clamping levers, die-cast zinc, with internal thread, satin finish, threaded insert stainless steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread, satin finish, threaded insert black oxidised steel - inch	 06464 inch Clamping levers, stainless steel with external thread and protective cap, threaded pin stainless steel - inch
 06449 inch Clamping levers, die-cast zinc, flat with internal thread, pure orange satin finish, threaded insert stainless steel - inch	 06451 inch Clamping levers, die-cast zinc with internal thread, threaded insert stainless steel - inch	 06460 inch Clamping levers, die-cast zinc with external thread, threaded insert black oxidised steel - inch	 06464 inch Clamping levers, electropolished or abrasive blasted stainless steel, with external thread, threaded insert stainless steel - inch

norelem inch

Inch parts



06600 inch

Clamping levers, plastic with internal thread and push button, threaded insert black oxidised steel - inch



06610 inch

Clamping levers, plastic with external thread and push button, threaded insert black oxidised steel - inch



06613-10 inch

Clamping levers, plastic, with internal thread and safety function, threaded insert blue passivated steel - inch



06600 inch

Clamping levers, plastic, with internal thread and zinc toothed ring, threaded insert black oxidised steel - inch



06610 inch

Clamping levers, plastic, with external thread and zinc toothed ring, threaded insert black oxidised steel - inch



06613-11 inch

Clamping levers, plastic, with external thread and safety function, threaded pin blue passivated steel - inch



06600-50 inch

Clamping levers, plastic with internal thread, threaded insert black oxidised steel - inch



06610-50 inch

Clamping levers, plastic with external thread, threaded insert black oxidised steel - inch



06614 inch

Clamping levers 2K with external thread, threaded pin black oxidised steel - inch



06601 inch

Clamping levers, plastic with internal thread and push button, threaded insert stainless steel - inch



06611 inch

Clamping levers, plastic, with external thread and zinc toothed ring, threaded insert stainless steel - inch



06615 inch

Clamping levers 2K with external thread, threaded pin stainless steel - inch



06601 inch

Clamping levers, plastic, with internal thread and zinc toothed ring, threaded insert, stainless steel, inch - inch



06611 inch

Clamping levers, plastic with external thread and push button, threaded insert stainless steel - inch



06913-10 inch

Pull handles, plastic with soft grip - inch



06601-50 inch

Clamping levers, plastic with internal thread, threaded insert stainless steel - inch



06611-50 inch

Clamping levers, plastic with external thread, threaded insert stainless steel - inch



06604 inch

Clamping levers 2K with internal thread, threaded insert black oxidised steel - inch



06613-03 inch

Clamping levers ECO, plastic with internal thread, threaded insert brass or blue passivated steel - inch



06605 inch

Clamping levers 2K with internal thread, threaded insert stainless steel - inch



06613-04 inch

Clamping levers ECO, plastic with external thread, threaded insert blue passivated steel - inch

norelem inch

Inch parts

07020-02 inch
Studs - inch



07220-01 inch
Extension nuts - inch



07730 inch
Hoist ring, steel
with U-bracket,
360 degree rotation
- inch



07041 inch
Screws for T-slots
- inch



07240-01 inch
Hexagon nuts with
collar - inch



07041-05 inch
T-screws - inch



07242-01 inch
Hexagon nuts with
rotatable collar - inch



07180-01 inch
Eye bolts - inch



07305-10 inch
Washers light version
- inch



07181-10 inch
Eye bolts with contact
face - inch



07305-11 inch
Washers heavy duty
- inch



07060-01 inch
Nuts for T-slots - inch



07310
Wedge lock washers



07210-03 inch
Hexagon nuts heavy
duty - inch



07420-01 inch
Spherical levelling
washers - inch



07210-04 inch
Hexagon nuts light
version - inch



07144 inch
Swivel feet - inch



norelem inch

Inch parts



27790 inch
Levelling feet steel
- inch



27790-05 inch
Levelling feet
stainless steel, FDA
conform - inch



27791-05 inch
Levelling feet in
Hygienic DESIGN -
inch



27806 inch
Swivel feet with
vibration absorption
- inch

norelem inch

Inch parts



29000 inch

Cross tube clamps, aluminium, multi-piece for round tubes - inch



29032 inch

Tube clamp joint, aluminium, T-piece for round tubes - inch



29000 inch

Cross tube clamps, aluminium, one-piece for round tubes - inch



29036 inch

Tube clamps swivel base aluminium - inch



29002 inch

Cross tube clamps, aluminium, multi-part for square tubes - inch



29004 inch

Cross tube clamps, aluminium, multi-part for round and square tubes - inch



29006 inch

T-angle tube clamps, aluminium, one-piece for round tubes - inch



29010 inch

Tube clamp foot, aluminium, one-piece for round tubes - inch



29010 inch

Tube clamp flange, aluminium, multi-piece for round tubes - inch



29010 inch

Tube clamp flange, aluminium, one-piece for round tubes - inch