



JW WINCO
A Ganter Company

Standard Parts.
Winco.

Product Overview Catalog 2018



Get quote >>

Angic Global Solutions

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The Right Answer for Every Application

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Standard machine components in inch and metric, made of aluminum, steel, stainless steel, and plastic are part of our product range, which consistently evolves through the research and development of new products.

The Leading Partner for Standard Parts

Strength in Standard Parts

Founded in 1978, JW Winco is built on the belief that TRUE strength comes from our relationships with our customers, business partners, and employees. We are dedicated to providing our customers with the most comprehensive and highest quality line of standard machine components and assembly hardware available in the world.

For over 35 years, Ganter, a global leader in manufacturing of standard parts since 1894, formed a synergistic partnership with JW Winco that has since provided world-class business solutions to all of our customers. In 2009, JW Winco officially became part of A Ganter Company, which expanded our capabilities and solidified our resources globally.

When we say **JW Winco, A Ganter Company** we mean unmatched strength in market innovation and solutions. Our combined technical knowledge, customer service, design engineering, manufacturing, stocking, and distribution capabilities are our strengths and solutions we offer to you.

Our North American headquarters is located in New Berlin, Wisconsin, USA with sales locations in Canada and Mexico.

The information presented in this catalog is believed complete and accurate, but the purchaser of any product advertised herein has the ultimate responsibility to evaluate the accuracy, the completeness, utility and/or validity of any information herein before relying on it. Products presented in this catalog may be out of stock, or may be discontinued without notice. With this catalog, all prior catalogs will be non-valid. We reserve the right to make future design changes without notice.



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J.W. Winco is headquartered in New Berlin, WI USA

Global Presence

Our sister company, J.W. Winco Canada, Inc., opened in 2011 to serve customers in Canada directly from Ontario. J.W. Winco also began sales operations in Mexico in 2014.

One-Stop Source

A vast metal and plastic product range provides our customers with a one-stop shopping experience. From where the raw material enters the machine shop, to the final hand operating component being mounted on the equipment, there are products in our range suited for your application requirements.

Naturally, J.W. Winco Inc. is also certified according to the quality assurance standard ISO 9001.

Quick and Direct.

Our constant goal is to provide our customers with the most comprehensive selection of quality metal and plastic, metric and inch size standard machine parts and assembly hardware available in our marketplace.

Winco is capable of delivering standard parts in the shortest possible time – anywhere in North America.

Special Labeling and Packaging

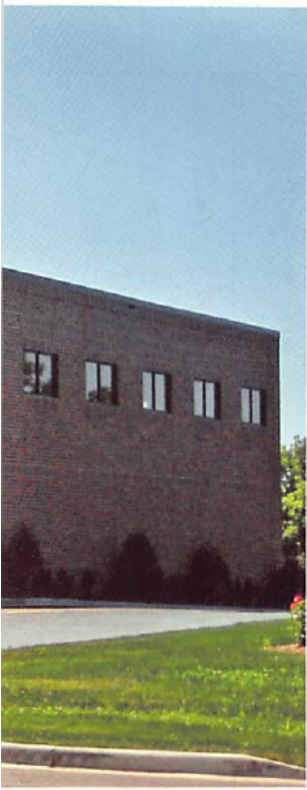
We offer bar code, UPC code labeling and kit packaging to meet your special labeling and packaging requirements.

Our Product Line

In addition to products we manufacture ourselves, we are a wholesale distributor of products from a number of quality manufacturers in the United States and abroad. These suppliers include, among others:

- Eles S.p.A.
- Blickle Räder+Rollen GmbH & Co KG
- Andreas Maier GmbH & Co KG (AMF)
- Misati, S.L.
- S&W Manufacturing Company, Inc.
- Gamm Srl





60,000

Sku's in stock.

Quick Turnaround

We ship the majority of orders received within 24 hours.

ISO 9001

J.W. Winco, Inc. Certified Quality and Service.

1 Goal

Helping you to design it faster, build it better and deliver it more quickly than your competition can.



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Ordering and Information



Always up to date: New standard parts and range extensions at a glance

Standard Parts in Real Time

All new products and specifications are immediately available Online: Our website is accessible from any computer, tablet, and / or smart phone. The JW Winco website allows customers the ability to select parts, view product information, select parts, place Online orders, view company information, and much more!

www.jwwinco.com

Dialog-based The dialogue based selection function takes you to the proper product quickly and reliably.

Product Details available Online including dimensions, material details, stock availability, price and other specifications are shown on each product page – viewable from any computer, tablet, or phone.

CAD Models Available to Download: The entire range of our standard parts are available in all common 2D and 3D formats.

Ordering Online:

Order your product easily and conveniently from Winco's Online store. Select your parts in a few easy steps and manage your selections in an individual list of favorites. Past order history is easily retrieved and can again be put into the shopping cart.



Stainless Steel Standard Parts

Standard parts made of Corrosion resistance stainless steel have been designed for use in the food sector, in the chemical industry, for aggressive ambient conditions or for outdoor use.



Corrosion Resistance

When it comes to corrosion resistance, stainless steel is the first choice. Corrosion resistance has become an ever more important requirement in many different areas that include the food sector, shipbuilding, pharmaceutical and medical industries. Stainless steel is gaining in importance because the material not only safeguards hygiene standards, but also ensures a long service life, low or no maintenance and therefore makes for safe investments.



Hygienic Design

Hygienic Design includes the design principles for the avoidance of design weaknesses, which could favor hygiene-related hazards. The cleaning capability of materials, surfaces and structural elements are regarded as the central points of Hygienic Design.

No dirt of any kind may accumulate or be permanently deposited, or must be easily removed.

The Hygienic Design Product Family

Standard parts from the JW Winco product range which are suitable for use in hygienic design applications are indicated with the "Hygienic Design" icon on the relevant product pages.

All of these standard parts feature sealed mounting surfaces, mounting without dead spaces and a high quality finish as well as impermeable exterior surfaces. This design prevents adhesion of dirt or generally facilitates cleaning.



Color Options

Some of JW Winco's standard parts are available in a variety of colored powder coated finishes and colored plastics. Look for the Color Options icon next to a product, then proceed to our website to see the various colored versions available.



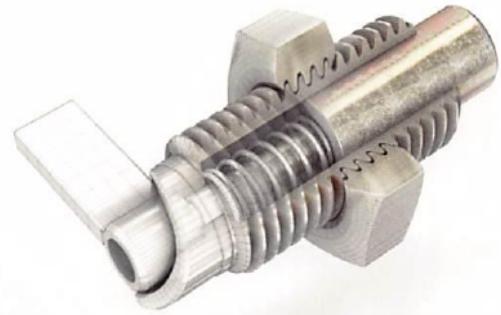
Industrial Colors and Powder Coating

Designing machinery may not be the most artistic pursuit in the world, but sometimes the issue of color can be essential even in industrial design. A number of our metal parts can be produced in a variety of colors using a powder coating process.

If you require further information on colors or finishes, or need specific colors for parts, contact our Technical Sales Associates at 800-877-8351.



From Idea to Solution



Through our manufacturing partner Ganter and because, JW Winco has its own in-house machining facility, this provides an advantage for our customers to take an idea and create a unique customized solution through the choice of using one of our standard parts. The requirements for either modifying or altering our products is carried out by a reliable and competent team of technical sales and engineering people.



Winco develops and produces not only customized solutions, but will offer stocking on demand if required.

New or Modified

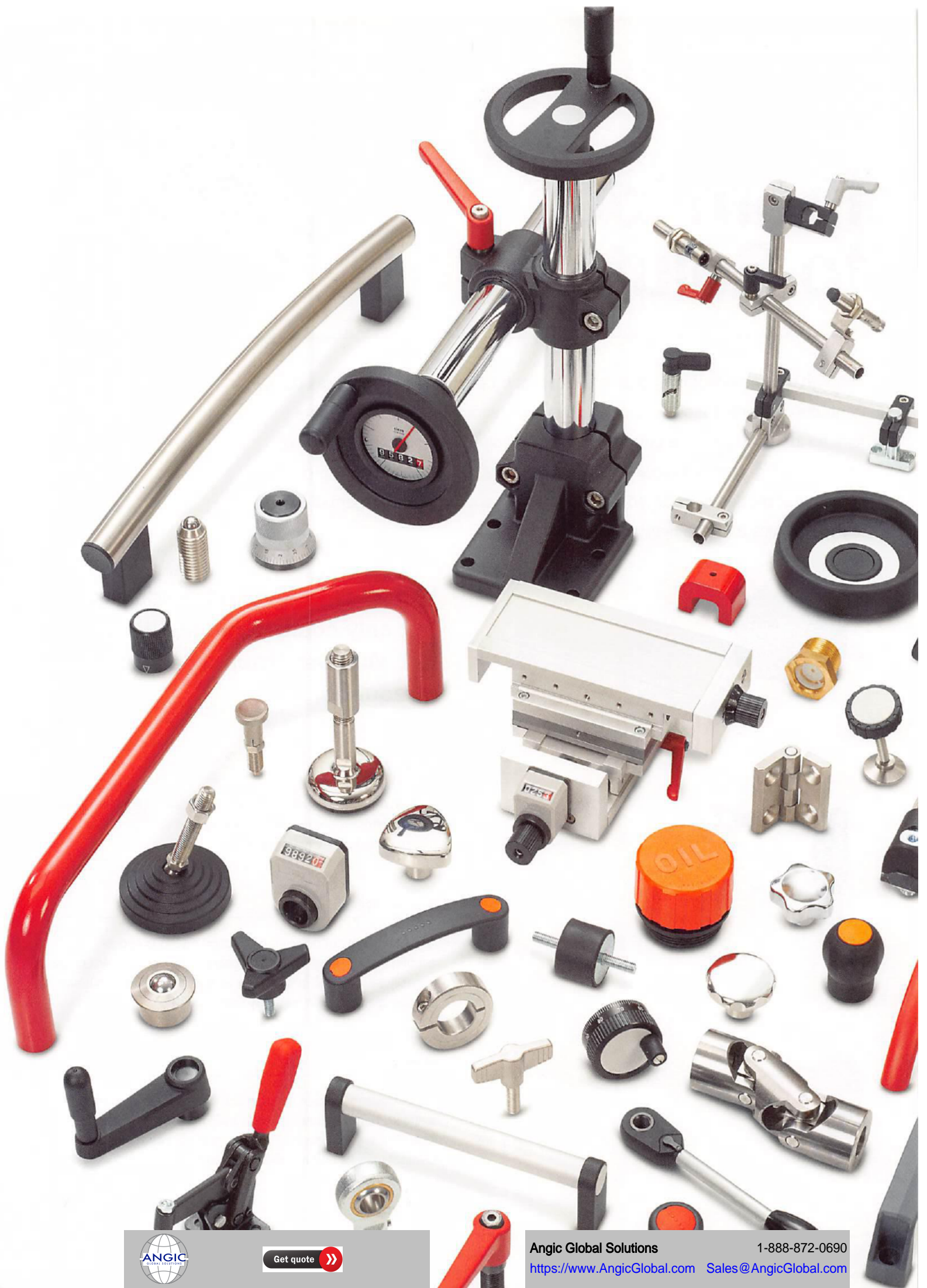
Depending on requirements, customized components are made by cost-effectively adapting an existing standard part, or by means of an entirely new design.

Small Quantities

A unique variety of different production methods and an adaptable, customer-driven approach, allow our standard parts to easily be modified in quantities as low as one piece, but can also be customized in relatively small quantities.

All-Round Service

Winco does more than develop and manufacture customized standard parts. If required, Winco will manage on-call inventories, guaranteeing economical lot or batch sizes, favorable prices and a high level of supply availability.



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New product groups

Only those who change, remain true to themselves. We revised the product groups to make product selection more intuitive and efficient for you.

- 1.1
- 1.2
- 1.3
- 1.4

Operating Parts



1.1 Operating with Handles and Knobs

- Revolving Handles
- Fixed Handles
- Retractable Handles
- Knobs
- Gear Lever Handles
- T-Handles

Page 16



1.2 Operating by Using Machine and Device Handles

- Cabinet "U" Handles
- Arched Handles
- Finger Handles · Folding Handles
- Tubular Handles
- Ledge Handles · Gripping Trays

Page 22



1.3 Adjusting with Handwheels and Cranks

- Spoked Handwheels
- Disk Handwheels
- Handwheels with Retractable Handle
- Safety Handwheels
- Control Handwheels
- Crank Handles
- Crank Handles with Retractable Handle
- Indexing Cranked Handles

page 30



1.4 Adjusting, Positioning, Locking with and without Position Indication

- Rulers
- Levels
- Scale Rings
- Control Knobs
- Indexing Mechanisms
- Position Indicators
- Accessories

page 36



2.1 Tensioning, Clamping, Switching with Levers

Adjustable Hand Levers / Tension Levers
 Safety Hand Levers / Tension Levers
 Ratchet Spanners
 Clamping Levers / Tension Levers
 Control Levers

Page 42



2.2 Tensioning, Clamping with Knobs

Star Knobs / Hand Knobs
 Three-Lobe Knobs
 Wing Screws / Nuts
 Knurled Knobs
 Knurled Screws / Nuts

Page 50



2.3 Tensioning with Eccentric Cams and Wedge Clamps

Clamping Levers with Eccentric Cam
 Cam Point Levers
 Wedge Clamps
 Centering Bore Clamps

page 62



2.4 Tensioning with Clamping Mechanisms

Toggle Clamps
 Accessories
 Pneumatically Operated Clamps
 Hook Clamps

page 66

2.1

2.2

2.3

2.4

Clamping Parts



3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

Indexing Plungers
Cam Action Indexing Plungers
Spring Plungers
Rapid Release Pins

Page 74



3.2 Mounting, Positioning, Leveling with Screws, Clamping, and Supporting Elements

Swing Bolts / Shoulder Screws / Thrust Bolts
Thrust Pads, Nuts, Washers
Positioning Elements / Clamping Pads
Leveling Sets, Set Collars
Nuts / Bolts for T-Slots

Page 84



3.3 Hinging, Latching, Locking of Doors and Covers

Latches with/without Clamping Function
Hook-Type Latches
Latches with Indexing Function
Accessories
Hinges: Adjustable, Lockable, with Adjustable Friction, Detachable
Hinges with Electrical Switching Function
Edge Protection Profiles

Page 94



3.4 Installing, Lifting, Dampening with Leveling Feet, Lifting Gear and Rubber Elements

Leveling Feet
Lifting Eye Bolts / Lifting Eye Nuts
Accessories
Load Rings / Lifting Points
Shackles
Lifting Pins
Vibration Shock Absorption Mounts

Page 102



3.5 Controlling, Venting, Sealing of Liquids and Gases

- Oil Sight Glasses
- Oil Level Indicators
- Threaded Plugs / Sealing Plugs
- Oil Drain Valves
- Breather Filters / Breather Valves
- Accessories
- O-Rings and Seals

Page 110



3.6 Moving, Transferring, Connecting with Shafts and Joints

- Universal Joints, Universal Joint Shafts
- Rod Ends
- Fork Joints / Fork Heads
- Angled Ball Joints & Ball Joints
- Quick-Fit Couplings

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Machine Parts

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10



3.7 Connecting, Assembling, with Clamping and Connecting Elements

- Tube Clamp Connectors
- Conveyor Clamps, Knobs & Block Accessories
- Conveyor Brackets & Mounts & Bases
- Tube Expander Fittings
- Flange and Pillow Block Bearings
- Clamp Mountings (Aluminum)
- Other Connecting Elements
- Tubes / Rods

Page 120



3.8 Adjusting, Moving with Guides, Spindles and Ball Rollers

- Linear Slides
- Linear Guide Rail Systems
- Adjustable Slide Units
- Linear Actuators / Linear Actuator Connectors
- Roller Rail Assemblies
- Ball Transfer Units / Guide Rollers

Page 128



3.9 Holding with Magnets

Retaining Magnets, Disk-Shaped
Retaining Magnets, Rod-Shaped
Button-Type Magnets / U-Magnets
Magnets
Screws with Retaining Magnet
Raw Magnets
Accessories

Page 134

3.10 Rolling, Transporting with Casters and Wheels

Casters
Wheels

Page 138

Machine Parts

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10



4.1 Tightening, Loosening and Adjusting with Hand Tools

- Hook Spanners and Spanner Wrenches
- T-Handle and Screwdriver Grip Hexagon Keys
- L-Handle Hexagon Keys
- T-Handle and Screwdriver Grip Torx Keys
- T-Handle Wrenches and Socket Keys
- Open End Wrenches, T-Slot Scrapers & Dead Blow Hammers

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1.1 Operating with Handles and Knobs

- Revolving Handles
- Fixed Handles
- Retractable Handles
- Knobs
- Gear Lever Handles
- T-Handles



Revolving Handles



GN 798
**Plastic or Aluminum
Revolving Handles, Steel
Stem**



SS Stainless Steel
GN 798.1
**Plastic Stepped Cylindrical
Revolving Handles,
Stainless Steel Stem**



SS Stainless Steel
GN 798.1
**Stainless Steel Revolving
Handles, Stainless Steel
Stem**



GN 798.2
**Plastic or Aluminum
Revolving Handles, Tapped
Type**



SS Stainless Steel
EN 598.2
**Phenolic Plastic
Cylindrical Revolving
Handles, with or without
Threaded Stud**



GN 598
**Plastic and Steel
Cylindrical Revolving
Handles, Steel Stem**



SS Stainless Steel
GN 598.1
**Plastic Revolving Handles,
Stainless Steel Stem**



MCG
**Phenolic Plastic
Cylindrical Revolving
Handles, Steel Stem**



SS Stainless Steel
GN 599.5
**Plastic Revolving
Cylindrical Handles,
Stainless Steel Stem**



EN 595
**Plastic Revolving Knobs,
with Steel Spindle**



GN 319.2
**Phenolic Plastic Revolving
Ball Knobs, Long Shoulder
Type, with Steel Threaded
Spindle or Tapped**



SS Stainless Steel
GN 319.5
**Phenolic Plastic Revolving
Ball Knobs, Long Shoulder
Type, with Stainless Steel
Threaded Spindle or Tapped**

Series beginning with the "EN" title represent **elera** Original Design Products

1.1 Operating with Handles and Knobs



PB/GE
Phenolic Plastic Revolving Ball Knobs, Short Shoulder Type, with Steel Threaded Spindle



EN 596
Technopolymer Plastic Revolving Ball Knobs, Steel Stem



EN 597.1
Softline Plastic Revolving Mushroom Shaped Knobs, Steel Stem



DIN 98
Aluminum, Steel or Plastic Revolving Handles, Steel Stem

Fixed Handles



DIN 39
Plastic or Steel Fixed Handles, Steel Stem



SS Stainless Steel
DIN 39
Stainless Steel Fixed Handle, Stainless Steel Stem



EN 539
Plastic Fixed Cylindrical Handles, Steel Stem



GN 203
Phenolic Plastic Fixed Tapered Handles, Steel Stem

Retractable Handles



GN 798.3
Plastic Stepped Locking Retractable Handles, with Steel Locking Mechanism



SS Stainless Steel
GN 798.5
Plastic Stepped Retractable Handles, with Stainless Steel Locking Mechanism



GN 798.7
Technopolymer Plastic Retractable Safety Handles, Steel Automatic Fold-Down Mechanism



GN 598.3
Plastic Locking Retractable Handles, with Steel Locking Mechanism



SS Stainless Steel
GN 598.5
Plastic Retractable Handles, with Stainless Steel Locking Mechanism



GN 598.7
Phenolic Plastic Retractable Safety Handles, Automatic Fold-Down Type



MGR
Phenolic Plastic Locking Retractable Handles, with Steel Locking Mechanism and Securing Pin



PGR
Nylon Plastic Locking Retractable Handles, with Steel Locking Mechanism and Securing Pin



MRS
Nylon Plastic Fold-Down Revolving Handles, with Steel Locking Mechanism and Securing Pin

Series beginning with the "EN" title represent **elera** Original Design Products.

1.1

Knobs



DIN 319
Phenolic or
Technopolymer Plastic
Ball Knobs, Tapped Hole or
Tapped Insert Type



DIN 319
Phenolic or
Technopolymer Red
Plastic Ball Knobs, Tapped
Insert Type



DIN 319
Phenolic Plastic Ball
Knobs, Tapped Brass Insert
Type



SS Stainless
Steel
DIN 319
Steel, Stainless Steel, or
Aluminum Ball Knobs,
Tapped or Plain Bore



PBH
Phenolic Plastic Ball
Knobs, with Tapped Insert
or Molded-in Threads



WD 595
Thermoplastic Ball Knobs,
with Tapped Insert



BK
Brass or Steel Ball Knobs,
Tapped Type



DIN 319
Plastic Ball Knobs,
Press-On Type



EN 319.1
Phenolic Plastic Ball
knobs, Press-on Type



EN 719
Phenolic Domed Gear
Knobs, Press-on Type



EN 719.1
Phenolic Domed Gear
Knobs, Press-on Type



Color Options
EN 719.2
Technopolymer Plastic
Domed Gear Lever Knobs,
Tapped or Press-on Type



EN 719.2
Cleanline Technopolymer
Plastic Domed Gear Lever
Knobs, Tapped or
Press-On Type



TAK
Phenolic Plastic Tapered
Knobs, Thru Hole



GN 419
Phenolic Plastic Tapered
Knobs, with Molded-In
Thread



EN 518
Technopolymer Plastic
Tapered Knob, for
Positioning Symbols, Press
on Type



EN 517.1
Self-Adhesive Vinyl Film
Positioning Symbols, for
Tapered Knobs



EN 219
Phenolic Plastic Tapered
Knob



GN 201
Phenolic Plastic Elliptical
Shaped Knobs, with
Molded-In Thread



EN 519
Phenolic Plastic
Cylindrical Handles, with
Molded-In Thread

Series beginning with the "EN" title represent **elera** Original Design Products

1.1 Operating with Handles and Knobs



EN 519.2
Technopolymer Cylindrical Handle



EN 519.1
Technopolymer Plastic Cylindrical Handles, Press-on Type



EN 519.6
Softline Cylindrical Handles, with Molded-In Thread



MC
Phenolic Plastic Cylindrical Handles, with Molded-In Thread



MVP
PVC Cylindrical Handles, Press-Fit Type



MVP-CON
PVC Conical Handles, Press-Fit Type



EN 819
Softline Cylindrical Handles, Press-On Type



EN 675
Ergostyle® Technopolymer Plastic Soft Knobs, Tapped Insert or Molded-In Thread



EN 675.1
Plastic Ergostyle® Soft Knobs, with Tapped Insert and Removable Cap



GN 675
Ergostyle® Technopolymer Plastic Soft Knobs, with Steel Stem



EN 718.1
Soft Plastic Mushroom Shaped Knobs, Plain Blind Bore



EN 77
Plastic Mushroom Shaped Knobs



GN 76
Phenolic Plastic Mushroom Shaped Knobs, Tapped Insert and Threaded Stud Type



GN 75
Steel Waist Shaped Knobs, Tapped and Threaded Stud Type



SS Stainless Steel
GN 75.5
Stainless Steel Waist Shaped Knobs, Tapped and Threaded Stud Type



SS Stainless Steel
GN 75.6
Stainless Steel Waist Shaped Knobs, Type D with Female Thread



SS Stainless Steel
GN 75.6
Stainless Steel Waist Shaped Knobs, Type E with Threaded Stud



EN 676
Ergostyle® Technopolymer Plastic Knurled Knobs, with Tapped Insert



EN 676
Ergostyle® Technopolymer Plastic Knurled Knobs, with Threaded Stud



GN 676.1
Steel Push/Pull Knobs, with Tapped Blind Hole, Plain or Knurled Rim

Series beginning with the "EN" title represent **eles** Original Design Products

1.1 Knobs
Continued



SS Stainless Steel
GN 676.5
Stainless Steel Push/Pull Knobs, with Tapped Blind Hole, Plain or Knurled Rim

Gear Lever Handles



GN 310
Zinc Plated Steel Gear Lever Handles, with Threaded Stem



GN 310
Blackended Steel Gear Lever Handles, with Threaded Stem



SS Stainless Steel
GN 310
Stainless Steel Gear Lever Handles, with Threaded Stem

T-Handles



GN 563.2
Aluminium T-Handles, Tapped



EN 563
Technopolymer Plastic T-Handles, Tapped Brass Insert or Modled-in Thread



EN 563.1
Technopolymer Plastic T-Handles, with Threaded Stud



TIR
Nylon Plastic T-Bar Knobs, Tapped, with Molded-in Thread



TH
Polypropylene Plastic T-Bar Knobs, with Tapped Insert



TBK
Nylon Plastic T-Bar Knobs, with Tapped Insert

For complete technical information, CAD models and online buying, visit www.jwwinco.com

Series beginning with the "EN" title represent **elesa** Original Design Products



Revolving Handles GN 798 → Page 16

Revolving Handles with Stainless Steel Stem GN 798.1 → Page 16

Retractable Handles GN 798.3 → Page 17

Retractable Handles with Stainless Steel Locking Mechanism GN 798.5 → Page 17



















1.2

1.2 Operating by Using Machine and Device Handles



Cabinet "U" Handles
Arched Handles
Finger Handles · Folding Handles
Tubular Handles
Ledge Handles · Gripping Trays

Cabinet "U" Handles

  Color Options GN 565 Aluminum Cabinet "U" Handles, with Tapped Holes	  Color Options GN 565.1 Aluminum Cabinet "U" handles, with Counterbored Mounting Holes	  Stainless Steel GN 565.5 Stainless Steel Cabinet "U" Handles, with Tapped Holes	 GN 564 Polyurethane Foam Rubber Cabinet "U" Handles, with Steel Core and Tapped Holes
 EN 725 Technopolymer Plastic Cabinet „U“ Handles, with Tapped Inserts	 EN 725 Technopolymer Plastic High Temperature Cabinet "U" Handles, with Tapped Inserts	 EN 725.1 Technopolymer Plastic Cabinet "U" Handles, with Counterbored Mounting Holes	 GN 565.2 Aluminum Angled Cabinet "U" Handles, with Tapped Holes
  Stainless Steel GN 565.7 Stainless Steel Angled Cabinet "U" Handles, with Tapped Holes	  Color Options EN 630.1 Ergostyle® Technopolymer Plastic Off-Set Open "U" Handles	  Color Options EN 625 Technopolymer Plastic Cabinet "U" Handles, with Tapped Inserts	 EN 625 Cleanline Technopolymer Plastic Cabinet "U" Handles, with Tapped Inserts

Series beginning with the "EN" title represent **elera** Original Design Products.



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1.2 Operating by Using Machine and Device Handles



EN 525
Plastic Cabinet "U"
Handles, with Tapped
Inserts



MT
Nylon Plastic Cabinet
"U" Handles, with Tapped
Inserts



MF
Nylon Plastic Cabinet "U"
Handles, with Counterbored
Mounting Holes



MFE
Polypropylene Plastic
Cabinet "U" Handles, with
Counterbored Mounting
Holes



EN 528
Technopolymer Plastic
Cabinet "U" Handles, with
Counterbored Mounting
Holes



MFB
Nylon Plastic Cabinet
"U" Handles, with Tapped
Inserts



MFP
Nylon Plastic Cabinet "U"
Handles, with Threaded
Studs



EN 528.1
Technopolymer Plastic
Cabinet "U" Handles, with
Tapped Inserts



EN 528.2
Technopolymer Plastic
Cabinet "U" Handles, with
Countersunk Mounting
Holes



EN 528.3
Technopolymer Plastic
Cabinet "U" Handles,
countersunk for Mounting
with Hexagon Head Screws



MS
Phenolic Plastic Cabinet
"U" Handles, with Tapped
Inserts



GN 728
"Economical" Aluminum
Cabinet "U" Handles,
Tapped or Thru Hole



GN 728.5
"Economical" Stainless
Steel Cabinet U-Handles,
with Tapped or Thru Holes



GN 565.3
Aluminum Cabinet "U"
Handles, with Tapped or
Countersunk Thru Holes



GN 559
Aluminum Cabinet / Door
Handle, with Tapped Holes



GN 668
Aluminum Cabinet "U"
Handles, with Tapped Holes
or Top Mount Plates



EN 628
Technopolymer Plastic
Ergostyle® Bridge
Handles, with Counterbored
Mounting Holes



EN 628.2
Technopolymer Plastic
Spacers, for EN 628 /
EN 628.3 Cabinet Bridge
Handles



EN 628.1
Technopolymer Plastic
Antimicrobial Ergostyle®
Bridge Handles, with
Counterbored Mounting
Holes



EN 628.3
Technopolymer Plastic
Flexible Ergostyle® Bridge
Handles, with
Tapped Inserts

1.2

Cabinet "U" Handles

Continued



EN 628.4
Technopolymer Plastic Safety Cabinet "U" Handles, with Cable



EN 628.4
Technopolymer Plastic Safeth Cabinet "U" Handles, with Connector



GN 225
Cast Iron Cabinet "U" Handles, with Tapped Holes



GN 423
Aluminum Rack Handles, with Self Tapping Holes



EN 627
Technopolymer Plastic Cabinet "U" Handles, with Tapped Insearts



GN 427
Aluminum Cabinet "U" Handles, with Tapped Holes



SS Stainless Steel
GN 427.5
Stainless Steel Cabinet "U" Handles, with Tapped Holes



GN 425
Steel Round Cabinet "U" Handles, with Tapped Holes



Color Options
GN 425
Aluminum Round Cabinet "U" Handles, with Tapped Holes



SS Stainless Steel
GN 425
Stainless Steel Round Cabinet "U" Handles, with Tapped Holes



GN 425.3
Weldable Blank Steel Cabinet "U" Handles, No Mounting Threads



SS Stainless Steel
GN 425.3
Weldable Blank Stainless Steel Cabinet "U" Handles, No Mounting Threads



GN 425.1
Steel Offset Round Cabinet "U" Handles, with Tapped Holes



SS Stainless Steel
GN 425.1
Stainless Steel Offset Round Cabinet "U" Handles, with Tapped Holes



EN 425.7
Steel / Plastic Cabinet "U" Handles, with Plastic Insulation



GN 426
Round Aluminum Cabinet "U" Handles, with Tapped Holes



SS Stainless Steel
GN 426.5
Stainless Steel Cabinet "U" Handles, with Back-to-Back Mounting Capability



HD
SS Stainless Steel
GN 429
Stainless Steel Cabinet "U" Handles, Hygienic Design, with Tapped Holes



GN 426.1
Offset Round Aluminum Cabinet "U" Handles, with Tapped Holes



SS Stainless Steel
GN 426.6
Stainless Steel Cabinet "U" Handles, with Tapped Holes

1.2 Operating by Using Machine and Device Handles



GN 426.3
Weldable Steel Cabinet "U" Handles, no Mounting Threads



GN 428
Aluminum Cabinet "U" Handles, with Tapped or Thru Holes and Mounting Hardware



GN 181
Zinc Die Cast Fastening Sets, for Cabinet "U" Handles

Arched Handles



GN 565.4
Aluminum Arch Handles, with Tapped or Thru Holes



GN 565.9
Stainless Steel Arched Pull Handles, with Tapped or Thru Holes



GN 665
Aluminum Powder Coated Arched Pull Handles, with Tapped Holes



GN 424.1
Steel Arched Pull Handles, with Tapped Holes



GN 424.5
Stainless Steel Arched Pull Handles, with Tapped Holes



EN 365
Plastic Cabinet "U" Handles, with Counterbored Mounting Holes

Finger Handles



GN 224.1
Steel Finger Grip Handles, with Tapped Holes



GN 224.5
Stainless Steel Finger Grip Handles, with Tapped Holes

Folding Handles



GN 425.2
Steel Folding Handles, with Threaded Stems



GN 425.2
Stainless Steel Folding Handles, with Threaded Stems



GN 425.5
Steel Folding Handles, with Thru Holes



GN 425.5
Stainless Steel Folding Handles, with Thru Holes

1.2

Folding Handles

Continued



SS Stainless Steel
GN 425.8
Steel or Stainless Steel Folding Cabinet "U" Handles, with Recessed Tray



EN 825.2
Plastic Folding Handles, with Recessed Tray



EN 825.1
Plastic Folding Handles

Tubular Handles



GN 333.1
Straight Tubular Grip Handles, with Tapped Holes



GN 333.3
Aluminum Tubular Grip Handles, with Straight Movable Legs, with Tapped Holes



GN 331
Aluminum Tubular Handles, with Power Switching Function, with Tapped Holes



SS Stainless Steel
GN 333.5
Straight Stainless Steel Tubular Grip Handles, with Tapped Holes



GN 333.8
Angled Handle Legs, for Tubular Handles, with Tapped Holes



GN 333.9
Straight Handle Legs, for Tubular Handles, with Tapped Holes



GN 333
Offset Aluminum Tubular Handles, with Tapped Holes



GN 333.2
Aluminum Tubular Grip Handles, with Angled Movable Legs, with Tapped Holes



GN 332
Aluminum Tubular handles, with Power Switching Function, with Tapped Holes



SS Stainless Steel
GN 667
Aluminum / Stainless Steel Tubular Grip Handles, with Socket Head Cap Screws



SS Stainless Steel
GN 667.2
Aluminum / Stainless Steel Tubular Grip Handles, with Tapped Inserts



Color Options
EN 767
Aluminum Ergostyle® Tubular Handles, with Thru Holes for Mounting



EN 767.1
Aluminum Tubular Grip Handles, with Thru Holes



GN 334
Aluminum Oval Tubular Handles, with Thru Holes



GN 334.1
Aluminum or Stainless Aluminum Oval Tubular Handles, With Thru Holes



GN 669
Aluminum System Handles, with Back to Back Mounting Capability

1.2 Operating by Using Machine and Device Handles

1.2

Operating by Using Machine and Device Handles



SS Stainless Steel

GN 666
Aluminum or Stainless Steel Tubular Grip Handles, with Tapped Inserts for Mounting



SS Stainless Steel

GN 666.1
Aluminum or Stainless Steel Tubular Grip Handles, with Socket Head Cap Screws For Mounting



SS Stainless Steel

GN 666.4
Aluminum or Stainless Steel Tubular Arch Handles, with Tapped Holes for Mounting



SS Stainless Steel

GN 666.5
Stainless Steel Tubular Grip Handles, with Tapped Holes for Mounting



SS Stainless Steel

GN 666.7
Stainless Steel Tubular Grip Handles, for Mounting from the Operator's Side



GN 366
Aluminum Oval Tubular Handles, with Tapped Inserts for Mounting



GN 930
Extruded Aluminum Handle Tubes, with Screw Channel



GN 481
Aluminum Edge Handles, with Thru Holes for Mounting

Ledge Handles



GN 430
Aluminum Ledge Handles, with Screw Channel For Mounting



GN 430.1
Aluminum Ledge Handles, with Lettering Block, with Screw Channel For Mounting



GN 730
Extruded Aluminum Grip Handles, with Tapped Holes



SS Stainless Steel

GN 730.5
Stainless Steel Ledge Handle, with Tapped Holes



EN 130
Plastic Ledge Handles, with Brass Tapped Inserts



 Color Options

EN 630
Technopolymer Plastic Ergostyle® Off-Set Enclosed Safety "U" Handles with Thru Holes



 Color Options

EN 630.2
Technopolymer Plastic Ergostyle® Safety "U" Handles, with Guard Safety Handles



MFA
Safety-Closed Angled Nylon Plastic Pull Handles, With Thru Holes

Gripping Trays



EN 731
Plastic Gripping Trays, Clip-in Type



EN 731
Cleanline Plastic Gripping Trays, Clip-in Type



 Color Options

EN 733
Plastic Gripping trays, Screw-in Type



 Color Options

EN 731.1
Cabinet "U" Handles, Plastic Gripping Trays Clip-in Type

Gripping Trays

Continued

1.2



EN 739
Plastic Gripping Trays



EN 739
Cleanline Plastic Gripping
Trays

For complete technical information, CAD models and online buying, visit www.jwwinco.com



Aluminum Cabinet "U" Handles
GN 565 → Page 20
GN 565.1 → Page 20
GN 565.2 → Page 20
GN 565.4 → Page 25

1.3 Adjusting with Handwheels and Cranks

- Spoked Handwheels
- Disk Handwheels
- Handwheels with Retractable Handle
- Safety Handwheels
- Control Handwheels
- Crank Handles
- Crank Handles with Retractable Handle
- Indexing Cranked Handles



Spoked Handwheels



GN 924
Aluminum Flat-Faced Spoked Handwheels, with or without Revolving Handle



GN 322
Aluminum Two Spoked Handwheels, with or without Revolving Handle



GN 324
Aluminum Two Spoked Handwheels, with or without Revolving Handle



EN 522
Technopolymer Plastic Two Spoked Handwheels, with or without Revolving Handle



SS Stainless Steel
EN 522.5
Technopolymer Plastic Two Spoked Handwheels, with Revolving Handle and Stainless Steel Hub



V3RA
Glass Filled Nylon Plastic Three Spoked Handwheels, with or without Revolving Handle



VRAF
Fiber Reinforced Phenolic Plastic Three Spoked Handwheels, with or without Revolving Handle



EN 940
Phenolic Plastic Three Spoked Handwheels, with or without Revolving Handle



GN 555
Phenolic Plastic Three Spoked Handwheels, with or without Revolving Handle, Blank Hub Type



DIN 950
Cast Iron / Aluminum Spoked Handwheels, with or without Revolving Handle



GN 950.1
Cast Iron Spoked Handwheels with Large Hub, with or without Revolving Handle



SS Stainless Steel
GN 950.6
Stainless Steel Spoked Handwheels, with or without Fixed Handle

Series beginning with the "EN" title represent **elera** Original Design Products.

1.3 Adjusting with Handwheels and Cranks

1.3

Adjusting with Handwheels and Cranks

Disk Handwheels



SS Stainless Steel
GN 949
Stainless Steel Three Spoked Handwheels, with or without Revolving Handle



SS Stainless Steel
GN 227.2
Stainless Steel Spoked Handwheels, with or without Revolving Handle



SS Stainless Steel
GN 227.4
A4 Stainless Steel Spoked Handwheels, with or without Revolving Handle



GN 227.1
Steel, Spoked Handwheels, with Round or Square Bore



GN 923
Aluminum Flat-Faced Solid Disk Handwheels, with or without Revolving Handle



GN 321
Aluminum Solid Disk Handwheels, with or without Revolving Handle



GN 323
Black Powder Coated Solid Disk Aluminum Handwheels, with or without Revolving Handle



DIN 3670
Aluminum Solid Disk Handwheels



SHA
Nylon Plastic Solid Disk Handwheels, with or without Revolving Handle



EN 521
Technopolymer Plastic Solid Disk Handwheels, with or without Revolving Handle



SS Stainless Steel
EN 521.5
Technopolymer Plastic Solid Disk Handwheels, with Stainless Steel Hub, with or without Revolving Handle



EN 524
Technopolymer Plastic Solid Disk Handwheels, with or without Revolving Handle



SS Stainless Steel
EN 520.6
Reinforced Phenolic Plastic Solid Disk Handwheels, with Stainless Steel Hub, with or without Revolving Handle



EN 520
Reinforced Phenolic Plastic Solid Disk Handwheels, with or without Revolving Handle



VPRA
Phenolic Plastic Solid Disk Handwheels, with or without Revolving Handle



VPRA-MS
Phenolic Plastic Solid Disk Handwheels, with Stainless Steel Hub and Revolving Handle



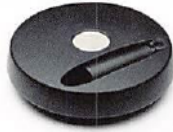
EN 520.1
Reinforced Phenolic Plastic Solid Disk Handwheels, with Revolving Handle

Series beginning with the "EN" title represent **elesa** Original Design Products



Handwheels
with Retractable
Handle

1.3



EN 521.3
Technopolymer Plastic Solid Disk Handwheels, with Locking Retractable Handle



SS Stainless Steel
EN 521.6
Technopolymer Plastic Solid Disk Handwheels, with Stainless Steel Hub and Locking Retractable Handle



EN 521.7
Technopolymer Plastic Solid Disk Handwheels, with Safety Fold-Away Handle



SHA-MRP
Nylon Plastic Solid Disk Handwheels, with Locking Retractable Handle



VPRA-MR
Phenolic Plastic Solid Disk Handwheels, with Locking Retractable Handle



GN 321.7
Solid Disk Aluminum Handwheels, with Safety Retractable Handle



GN 923.3
Aluminum Flat-Faced Solid Disk Handwheels, with Recessed Locking Retractable Handle



GN 923.7
Aluminum Flat-Faced Solid Disk Handwheels, with Recessed Safety Retractable Handle



EN 520.4
Reinforced Phenolic Plastic Solid Disk Handwheels, with Locking Retractable Handle



EN 520.3
Reinforced Phenolic Plastic Solid Disk Handwheels, with Locking Retractable Handle



EN 524.3
Technopolymer Plastic Solid Disk Handwheels, with Locking Retractable Handle



GN 924.3
Aluminum Flat-Faced Spoked Handwheels, with Recessed Locking Retractable Handle



GN 924.7
Aluminum Flat-Faced Spoked Handwheels, with Recessed Safety Retractable Handle



GN 322.3
Aluminum Two Spoked Handwheels, with Locking Retractable Handle



GN 322.7
Aluminum Two Spoked Handwheels, with Safety Retractable Handle



EN 522.3
Technopolymer Plastic Two Spoked Handwheels, with Locking Retractable Handle



SS Stainless Steel
EN 522.6
Technopolymer Plastic Two Spoked Handwheels, with Stainless Steel Hub and Retractable Handle



V3RA-MRE
Glass Filled Nylon Plastic Three Spoked Handwheels, with Locking Retractable Handle



VRAF-MR
Fiber Reinforced Phenolic Plastic Three Spoked Handwheels, with Locking Retractable Handle

Series beginning with the "EN" title represent **elera** Original Design Products.

1.3 Adjusting with Handwheels and Cranks

Safety Handwheels



GN 321.4
Solid Disk Aluminum Safety Clutch Handwheels, with Friction Bearing Mechanism



GN 321.5
Solid Disk Aluminum Safety Clutch Handwheels, with Needle Bearing Mechanism



GN 323.4
Black Coated Solid Disk Aluminum Safety Clutch Handwheels, with Friction Bearing Mechanism



GN 323.5
Black Coated Solid Disk Aluminum Safety Clutch Handwheels, with Needle Bearing Mechanism



GN 322.4
Two Spoked Aluminum Safety Clutch Handwheels, with Friction Bearing Mechanism



GN 322.5
Two Spoked Aluminum Safety Clutch Handwheels, with Needle Bearing Mechanism



GN 000.4
Steel Safety Clutch Assemblies, with Friction Bearing



GN 000.5
Steel Safety Clutch Assemblies, with Needle Bearing



GN 321.6
Aluminum Solid Disk Safety Clutch Handwheels, with or without Steel Revolving Handle



GN 327
Solid Disk Aluminum Safety Handwheels, with Fixed Bearing Flange

Control Handwheels



GN 736
Aluminum Knurled Control Knobs, with or without Revolving Handle



GN 736.1
Aluminum Knurled Control Knobs, with disposition for scale, with or without Revolving Handle



GN 736.1
Aluminum Knurled Control Knobs with standard scale, with or without Revolving Handle



ALCK
Aluminum Control Knobs, with or without Fixed Handle



SSCK
Stainless Steel Control Knobs, with or without Fixed Handle



EN 735
Plastic Knurled Control Handwheels, with Revolving Handle



GN 226
Nylon Plastic Knurled Control Handles, Blank, Threaded and Through Bore Type



GN 226.1
Aluminum Cover Disks, with or without Symbol

Series beginning with the "EN" title represent **elesa** Original Design Products

Control Handwheels

Continued

1.3



EN 527
Reinforced Phenolic Plastic Six-Lobed Control Knobs, Blank, Through Bored or Tapped Thru Inserts



EN 527.2
Reinforced Phenolic Plastic Six-Lobed Control Knobs, with Revolving Handle



VU
Phenolic Plastic Five-Lobed Control Knobs, with Steel Hub



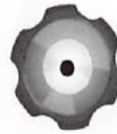
VUA
Phenolic Plastic Five-Lobed Control Knobs, with Through Steel Hub



VUM
Phenolic Plastic Five-Lobed Control Knobs, with Revolving Handle



LMA
Nylon Plastic Six-Lobed Control Knobs, with Through Steel Hub



LMAQ
Nylon Plastic Quick Release Six-Lobed Hand Knobs



GN 227
Pressed Steel Valve Handwheels

Crank Handles



GN 471
Aluminum Crank Handles, with Through Round or Square Bore



GN 471.1
Zinc Die-Cast Crank Handles, with Through Round or Square Bore



MV-M
Nylon Plastic Crank Handles, with Pilot Bore



MV-PM
Nylon Plastic Crank Handles, with Stainless Steel Hub



MH-MEP
"Economical" Nylon Plastic Crank Handles, with Pilot Bore



WRHC
Nylon Plastic Retractable Hand Cranks, with Blind Bore



EN 570
Technopolymer Plastic Crank Handles, with Revolving Handle



EN 570
Technopolymer Plastic Crank Handles, with Revolving Handle and Pilot Hole



EN 570.1
Technopolymer Plastic Crank Handles, with Revolving Handle and Square Bore



EN 570.2
Technopolymer Plastic Crank Handles, with Revolving Handle



EN 670
Technopolymer Plastic Ergostyle® Crank Handles, with Blind Bore



DIN 468
Cast Iron Off-Set Crank Handles, with Fixed or Revolving Handle and Round or Square Bores

Series beginning with the "EN" title represent **elera** Original Design Products

1.3 Adjusting with Handwheels and Cranks



DIN 469
Cast Iron Straight Crank Handles, with Fixed or Revolving Handle and Round or Square Bores



SS Stainless Steel
GN 269
Stainless Steel Straight Crank Handles, with Round or Square Bores



GN 369
Steel Commercial Crank Handles, with Revolving Handle



LR 318
Steel Ratcheting Crank Handles, with Revolving Handle and Through Square



EN 670.2
Technopolymer Plastic Ergostyle® Crank Handles, with Revolving Handle



EN 510
Phenolic Plastic Control Handles, with Blind Bore



GN 112.1
Zinc Die-Cast Control Handwheels, with Blind Bore



GN 10
Steel Tri-Ball Handles, with Through Bore

Crank Handles with Retractable Handle



GN 471.3
Aluminum Crank Handles, with Locking Retractable Handle



GN 472.3
Aluminum Crank Handles, with Recessed Locking Retractable Handle



MV-MR
Nylon Plastic Crank Handles, with Locking Retractable Handle



MH-PGR
"Economical" Nylon Plastic Crank Handles, with Locking Retractable Handle



MH-MRS
"Economical" Nylon Plastic Crank Handles, with Locking Retractable Handle



EN 570.3
Technopolymer Plastic Crank Handles, with Locking Retractable Handle



EN 570.6
Technopolymer Plastic Crank Handles, with Locking Retractable Handle

Indexing Crank Handles



GN 558
Cast Iron Indexing Crank Handles, with Plain Through Bore or Through Bore with Keyway

Series beginning with the "EN" title represent **elen** Original Design Products

1.3

Adjusting with Handwheels and Cranks

1.4

1.4 Adjusting, Positioning, Locking

with and without Position
Indication

- Rulers
- Levels
- Scale Rings
- Control Knobs
- Indexing Mechanisms
- Position Indicators
- Accessories



Rulers

 SS Stainless Steel GN 711 Inch Plastic or Stainless Steel Self-Adhesive Rulers	 SS Stainless Steel GN 711 Metric Plastic or Stainless Steel Self-Adhesive Rulers	 SS Stainless Steel GN 711.1 Plastic or Stainless Steel Self-Adhesive Indicator Arrows, for Rulers	 GN 711.2 Aluminum Rulers, with 3.3 mm Mounting Holes
--	--	---	--


GN 711.3
Aluminum Indicator Arrows With Mounting Holes, for Use With Rulers

Levels

 GN 2277 Aluminum Bull's Eye Levels, with Mounting Flange	 SS Stainless Steel GN 2277.1 Adjustment Plates, for Bull's Eye Levels GN 2277	 GN 2278 Aluminum Bull's Eye Levels, for Insertion into Bore Holes	 GN 2279 Aluminum Bull's Eye Levels, for Surface Mounting
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GN 2280
Aluminum Bull's Eye Levels, with Mounting Threads



GN 2281
Aluminum or Plastic Bull's Eye Levels, for Installation in Recessed Bore Holes and Housings



GN 2282
Brass Screw-on Levels, for Mounting with Screws

1.4

Scale Rings



GN 164
Steel Scale Rings, Blank, No Scale



GN 164
Steel Scale Rings, Matte Chrome Plated, with Scale



GN 264
Steel Scale Rings, Blank, no Scale



GN 264
Steel Scale Rings, Matte Chrome Plated, with Scale



GN 268
Steel Collar Bushings, for GN 264 Scale Rings



GN 374
Flat Springs, for GN 264 Scale Rings

Control Knobs



EN 526
Technopolymer Plastic Control Knobs, with Steel Insert



EN 526.1
Aluminum Control Knob Flanges, with Pointer, Calibrated Scale, or Blank



EN 626
Technopolymer Plastic Scale Knobs, with Scale



GN 726
Aluminum Knurled Control Knobs, Plain Bore or Collet Type



GN 726.1
Aluminum Knurled Control Knobs, Straight Shoulder Type



GN 726.2
Aluminum Knurled Control Knobs, Plain Bore or Collet Type



SS Stainless Steel
GN 436
Stainless Steel Knurled Control Knobs



SS Stainless Steel
GN 436.1
Stainless Steel Knurled Control Knobs, with Extended Hub for Graduation Scale

Adjusting, Positioning, Locking with and without Position Indication



Control Knobs

Continued



GN 723.4
Aluminum Knurled Control Knobs, with Socket Set Screw



GN 723.3
Aluminum Control Knob Flanges with Location Point, for Control Knobs GN 723.4



EN 624
Technopolymer Plastic Ergostyle® Soft Grip Knobs



Stainless Steel



EN 624.5
Technopolymer Plastic Ergostyle® Soft Grip Knobs, with Stainless Steel Hub



GN 826
Clamping Elements, for Adjustable Spindles



VBI
Phenolic Plastic Six-Lobed Skirted Control Knobs, with Skirt and Pointer



EN 5338
Plastic Control Knobs, with Pointer, with or without Skirt



MRI
Phenolic Plastic Pointer Knobs, Blind Bore Type with Set Screw



GN 729
Aluminum Control Knobs, Black Adonized



GN 727
Steel Control Knobs with Adjustable Spindle, with Graduations

Indexing Mechanisms



GN 200
Steel Indexing Mechanisms



Stainless Steel

GN 200
Stainless Steel Indexing Mechanisms



GN 700
Steel Indexing Knobs, with Stepless Positioning



GN 215
Steel Indexing Levers, with or without Serrations

Position Indicators



EN 9053
Electronic Position Indicators, with LCD-Display, 6 Digits



EN 9054
Electronic Position Indicators, with LCD-Display, 5 Digits



EN 000.8
Technopolymer Plastic Position Indicators, for GN 323.8 Handwheels



EN 000.3
Technopolymer Plastic Position Indicators

1.4





EN 5348
Technopolymer Plastic Hand Knobs, with Position Indicator, Integrated Pendulum System and Analog Indication



EN 5343
Technopolymer Plastic Hand Knobs, with Position Indicator, Integrated Pendulum System and Analog Indication



EN 534.8
Technopolymer Plastic Hand Knob, for Position Indicators EN 000.8 / 000.3



EN 526.8
Technopolymer Plastic Knurled Hand Knobs, for Position Indicators EN 000.8 / 000.3



EN 577.8
Technopolymer Plastic Handwheels, for Position Indicators EN 000.8 / 000.3



SS Stainless Steel
EN 577.8
Technopolymer Plastic Handwheels, for Position Indicators EN 000.8 / 000.3, with Stainless Steel Bushing



EN 522.8
Technopolymer Plastic Two Spoked Handwheels, for Position Indicators EN 000.8 / 000.3



EN 521.8
Technopolymer Plastic Solid Disk Handwheels, with Revolving Handle, for Position Indicators EN 000.8 / 000.3



GN 323.8
Aluminum Solid Disk Handwheels, with Revolving Handle, for Position Indicators EN 000.8 / 000.3



EN 000.9
Technopolymer Plastic Position Indicators, for EN 577.9 Handwheels



EN 000.13
Technopolymer Plastic Position Indicators, with Digital / Analog Indication



EN 534.9
Plastic Hand Knobs, for Position Indicators EN 000.9 / 000.13



EN 577.9
Plastic Handwheels, for Positive Drive Position Indicators EN 000.9 / 000.13



GN 323.9
Aluminum Solid Disk Handwheels, with or without Revolving Handle for Position Indicators EN 000.9 / 000.13



EN 520.9
Fiber Reinforced Phenolic Plastic Solid Disk Handwheels, with Revolving Handle for Position Indicators EN 000.9 / 000.13



EN 953
Plastic Digital Position Indicators, 5 Digit Display



EN 954
Plastic Digital Position Indicators, 4 Digit Display



EN 955
Plastic Mini Digital Position Indicators, 3 Digit Display

1.4

Adjusting, Positioning, Locking with and without Position Indication



Accessories



GN 953.1
Spacer Plates, for Position Indicators EN 953



EN 954.1
Spacer Plates, for Position Indicators EN 954



EN 952.1
Mounting Adaptors, for Position Indicators EN 953 / 954



SS Stainless Steel
EN 952.1
Stainless Steel Mounting Adaptors, for Position Indicators EN 953 / 954



GN 957
Aluminum Control Knobs, for Position Indicators



EN 954.3
Technopolymer Plastic Control Knobs, for Position Indicator EN 954



GN 953.6
Clamping Plates, for Position Indicator EN 953



GN 954.6
Clamping Plates, for Position Indicator EN 954



EN 576
Technopolymer Plastic Cover Disks, for Control Knobs / Handwheels without Position Indicator

For complete technical information, CAD models and online buying, visit www.jwwinco.com

1.4



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- Control Knobs GN 726.1 → Page 37
- Control Knobs GN 726.2 → Page 37
- Control Knobs, with disposition for scale GN 736.1 → Page 37
- Stainless Steel Control Knobs GN 436 → Page 37
- Stainless Steel Control Knobs GN 436.1 → Page 37
- Control Knobs GN 723.4 → Page 38





























2.1

2.1 Tensioning, Clamping, Switching with Levers



Adjustable Hand Levers / Tension Levers
Safety Hand Levers / Tension Levers
Ratchet Spanners
Clamping Levers / Tension Levers
Control Levers

Adjustable Hand Levers / Tension Levers

 <p> Color Options GN 300 Zinc Die-Cast Adjustable Levers, Tapped or Blind Bore Type with Steel Components</p>	 <p> Color Options GN 300 Zinc Die-Cast Adjustable Levers, Threaded Stud Type With Steel Components</p>	 <p> Color Options WN 300 Nylon Plastic Adjustable Levers, Tapped or Blind Bore Type with Steel Components</p>	 <p> Color Options WN 300 Nylon Plastic Adjustable Levers, Threaded Stud Type with Steel Components</p>
 <p> SS Stainless Steel  Color Options GN 300.1 Zinc Die-Cast Adjustable Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options GN 300.1 Zinc Die-Cast Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options WN 300.1 Nylon Plastic Adjustable Levers, Tapped or Blind Bore Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options WN 300.1 Nylon Plastic Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>
 <p> SS Stainless Steel GN 300.5 Stainless Steel Adjustable Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel GN 300.5 Stainless Steel Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>	 <p> SS Stainless Steel GN 300.6 Polished Stainless Steel Adjustable Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel GN 300.6 Polished Stainless Steel Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>

2.1 Tensioning, Clamping, Switching with Levers



SS Stainless Steel

GN 305
Stainless Steel Adjustable Levers, Tapped Insert Type, Hygienic Design



SS Stainless Steel

GN 305
Stainless Steel Adjustable Levers, Threaded Stud Type, Hygienic Design



Color Options

GN 303
Zinc Die-Cast Adjustable Levers with Push Button, Tapped or Blind Bore Type with Steel Components



Color Options

GN 303
Zinc Die-Cast Adjustable Levers with Push Button, Threaded Stud Type with Steel Components



Color Options

WN 303
Nylon Plastic Adjustable Levers with Push Button, Tapped or Blind Bore Type with Steel Components



Color Options

WN 303
Nylon Plastic Adjustable Levers with Push Button, Threaded Stud Type with Steel Components



SS Stainless Steel **Color Options**

GN 303.1
Zinc Die-Cast Adjustable Levers with Push Button, Tapped Type with Stainless Steel Components



SS Stainless Steel **Color Options**

GN 303.1
Zinc Die-Cast Adjustable Levers with Push Button, Threaded Stud Type with Stainless Steel Components



SS Stainless Steel **Color Options**

WN 303.1
Nylon Plastic Adjustable Levers with Push Button, Tapped or Blind Bore Type with Stainless Steel Components



SS Stainless Steel **Color Options**

WN 303.1
Nylon Plastic Adjustable Levers with Push Button, Threaded Stud Type with Stainless Steel Components



Color Options

GN 300.4
Zinc Die-Cast Adjustable Levers with Secure Clamping Force, Tapped Type with Steel Components



Color Options

GN 300.4
Zinc Die-Cast Adjustable Levers with Secure Clamping Force, Threaded Stud Type with Steel Components



Color Options

GN 304
Straight Zinc Die-Cast Adjustable Levers with Push Button, Tapped or Blind Bore Type with Steel Components



Color Options

GN 304
Straight Zinc Die-Cast Adjustable Levers with Push Button, Threaded Stud Type with Steel Components



Color Options

WN 304
Straight Nylon Plastic Adjustable Levers with Push Button, Tapped or Blind Bore Type with Steel Components



Color Options

WN 304
Straight Nylon Plastic Adjustable Levers with Push Button, Threaded Stud Type with Steel Components



SS Stainless Steel **Color Options**

GN 304.1
Straight Zinc Die-Cast Adjustable Levers with Push Button, Tapped or Blind Bore Type with Stainless Steel Components



SS Stainless Steel **Color Options**

GN 304.1
Straight Zinc Die-Cast Adjustable Levers with Push Button, Threaded Stud Type with Stainless Steel Components



SS Stainless Steel **Color Options**

WN 304.1
Straight Nylon Plastic Adjustable Levers with Push Button, Tapped or Blind Bore Type with Stainless Steel Components



SS Stainless Steel **Color Options**

WN 304.1
Straight Nylon Plastic Adjustable Levers with Push Button, Threaded Stud Type with Stainless Steel Components

















































2.1

Tensioning, Clamping, Switching with Levers

Adjustable
Hand Levers /
Tension Levers

Continued

2.1

 <p> Color Options</p> <p>GN 302 Straight Zinc Die-Cast Adjustable Levers, Tapped or Blind Bore Type with Steel Components</p>	 <p> Color Options</p> <p>GN 302 Straight Zinc Die-Cast Adjustable Levers, Threaded Stud Type with Steel Components</p>	 <p> Color Options</p> <p>WN 302 Straight Nylon Plastic Adjustable Levers, Tapped or Blind Bore Type with Steel Components</p>	 <p> Color Options</p> <p>WN 302 Straight Nylon Plastic Adjustable Levers, Threaded Stud Type with Steel Components</p>
 <p> SS Stainless Steel  Color Options</p> <p>GN 302.1 Straight Zinc Die-Cast Adjustable Levers, Tapped or Blind Bore Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>GN 302.1 Straight Zinc Die-Cast Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>WN 302.1 Straight Nylon Plastic Adjustable Levers, Tapped or Blind Bore Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>WN 302.1 Straight Nylon Plastic Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>
 <p> Color Options</p> <p>GN 101 Adjustable Clamping Levers, Tapped Type with Steel Components</p>	 <p> Color Options</p> <p>GN 101 Adjustable Clamping Levers, Threaded Stud Type with Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>GN 101.1 Adjustable Clamping Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>GN 101.1 Adjustable Clamping Levers, Threaded Stud Type with Stainless Steel Components</p>
 <p> Color Options</p> <p>EN 602 Ergostyle® Zinc Die-Cast Adjustable Levers, Tapped Type with Steel Components</p>	 <p> Color Options</p> <p>EN 602 Ergostyle® Zinc Die-Cast Adjustable Levers, Threaded Stud Type with Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>EN 602.1 Ergostyle® Zinc Die-Cast Adjustable Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>EN 602.1 Ergostyle® Zinc Die-Cast Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>
 <p> Color Options</p> <p>EN 603 Technopolymer Ergostyle® Push Button Adjustable Levers, Tapped Type</p>	 <p> Color Options</p> <p>EN 603 Technopolymer Ergostyle® Adjustable Levers, Threaded Stud Type</p>	 <p> SS Stainless Steel  Color Options</p> <p>EN 603.1 Technopolymer Ergostyle® Adjustable Levers, Tapped Type with Stainless Steel Components</p>	 <p> SS Stainless Steel  Color Options</p> <p>EN 603.1 Technopolymer Ergostyle® Adjustable Levers, Threaded Stud Type with Stainless Steel Components</p>

2.1 Tensioning, Clamping, Switching with Levers



EN 600
Technopolymer Ergostyle® Flat Push Button Adjustable Levers, with Tapped Insert



EN 600
Technopolymer Ergostyle® Flat Push Button Adjustable Levers, with Threaded Stud



EN 500
Technopolymer Plastic Adjustable Levers, with Tapped Insert



EN 500
Technopolymer Plastic Adjustable Levers, with Threaded Stud



EN 503
Technopolymer Plastic Push Button Adjustable Levers, with Tapped Insert and Disengaging Locking Mechanism



EN 503
Technopolymer Plastic Push Button Adjustable Levers, with Threaded Stud and Disengaging Locking Mechanism



SS Stainless Steel
EN 503.1
Technopolymer Plastic Push Button Adjustable Levers, with Stainless Steel Tapped Insert and Disengaging Locking Mechanism



SS Stainless Steel
EN 503.1
Technopolymer Plastic Push Button Adjustable Levers, with Stainless Steel Threaded Stud and Disengaging Locking Mechanism



GN 212.3
Steel Heavy Duty Adjustable Levers, Tapped Type



GN 212.3
Steel Heavy Duty Adjustable Levers, Threaded Stud Type



SS Stainless Steel
GN 212.5
Stainless Steel Heavy Duty Adjustable Levers, Tapped Type



SS Stainless Steel
GN 212.5
Stainless Steel Heavy Duty Adjustable Levers, Threaded Stud Type



GN 125
Steel Flat Adjustable Levers, Tapped Type



GN 125
Steel Flat Adjustable Levers, Threaded Stud Type



SS Stainless Steel
GN 125.5
Stainless Steel Flat Adjustable Levers, Tapped Type



SS Stainless Steel
GN 125.5
Stainless Steel Flat Adjustable Levers, Threaded Stud Type



GN 99.2
Steel Adjustable Clamping Levers, Tapped Type, Push to Disengage



GN 99.2
Steel Adjustable Clamping Levers, Threaded Stud Type, Push to Disengage



GN 6337.3
Steel Adjustable Ball Levers, Tapped Type



GN 6337.3
Steel Adjustable Ball Levers, Threaded Stud Type

Series beginning with the "EN" title represent  Original Design Products

Safety Hand Levers / Tension Levers



GN 312
Steel Safety Adjustable Levers, Tapped Type, Push to Engage



GN 312
Steel Safety Adjustable Levers, Threaded Stud Type, Push to Engage

2.1

Ratchet Spanners



GN 316
Steel Interchangeable Insert Ratchet Wrenches, with Reversing Lever

Clamping Levers / Tension Levers



DIN 99
Steel Clamping Levers, Tapped or Through Bore Type



SS Stainless Steel
DIN 99
Stainless Steel Clamping Levers, Tapped or Through Bore Type



GN 204
Steel Short Clamping Levers, Tapped or Through Bore Type



DIN 6337
Steel Ball Levers, Tapped or Through Bore Type



Color Options
WN 400
Plastic Fixed Clamping Levers, with Tapped Steel Insert



Color Options
WN 400
Plastic Fixed Clamping Levers, with Steel Threaded Stud



EN 601
Plastic Clamping Levers, with Plain Bore, Square Bore, or Tapped Insert



EN 601
Plastic Clamping Levers, Threaded Stud Type



GN 99.5
Steel Clamp Nuts, with Tapped Through Holes



SS Stainless Steel
GN 99.6
Stainless Steel Clamp Nuts, with Tapped Through Holes



SS Stainless Steel
GN 99.6
Stainless Steel AISI 316L (A4) Clamp Nuts, with Tapped Through Holes



GN 99.7
Steel Double Arm Clamp Nuts, with Tapped Through Holes

Series beginning with the "EN" title represent **elen** Original Design Products.

2.1 Tensioning, Clamping, Switching with Levers



SS Stainless Steel

GN 99.8
Stainless Steel AISI 316L (A4) Double Arm Clamp Nuts, with Tapped Through Holes



SS Stainless Steel

GN 99.8
Stainless Steel Double Arm Clamp Nuts, with Tapped Through Holes



GN 206
Malleable Iron Clamp Nuts, with Tapped Through Holes



SS Stainless Steel

GN 206
Stainless Steel Clamp Nuts, with Tapped Through Holes



GN 206.1
Malleable Iron Double Arm Clamp Nuts, with Tapped Through Holes



SS Stainless Steel

GN 206.1
Stainless Steel Double Arm Clamp Nuts, with Tapped Through Holes



DIN 6305
Steel Tommy Nuts, Tapped Type with Fixed Bar



DIN 6307
Steel Tommy Nuts, Tapped Type with Movable Bar



DIN 6304
Steel Tommy Screws, Stud Type with Fixed Bar



GN 6306
Steel Tommy Screws, Stud Type with Removable Bar



GN 6305.1
Steel Quick Release Toggle Nuts



GN 212
Steel Tension Levers, with Tapped or Plain Blind Bore



SS Stainless Steel

GN 212
Stainless Steel Tension Levers, with Tapped Blind Bore

Control Levers



GN 750
Steel Control Levers, with Through Bore



LM
Economical Nylon Plastic Control Levers, with Pilot Bore



EN 512
Technopolymer Plastic Control Levers, with Plain Through Bore



 Color Options

EN 623
Technopolymer Plastic Control Levers, with Round or Square Through Bore, or Bore with Keyway

Series beginning with the "EN" title represent  Original Design Products.

Control Levers

Continued



SS Stainless Steel  Color Options
EN 623.5
Technopolymer Plastic Control Levers, Stainless Steel Hub with Round or Square Through Bore, or Bore with Keyway



GN 223
Steel Control Levers, with Round or Square Through Bore, or Bore with Keyway



GN 211
Steel Control Levers, with Plain Through Bore



GN 213
Steel Four Arm Turret Levers, with Through Bore



GN 150
Sintered Steel Split Hubs, for Gear Lever Handles



SS Stainless Steel
GN 150.5
Stainless Steel Split Hubs, for Gear Lever Handles

2.1

For complete technical information, CAD models and online buying, visit www.jwwinco.com

Series beginning with the "EN" title represent **elesa** Original Design Products.



Adjustable Levers GN 300 → Page 42
Adjustable Levers with Stainless Steel Components GN 300.1 → Page 42
Adjustable Levers GN 302 → Page 44
Stainless Steel Adjustable Levers GN 300.5 → Page 42

2.2 Tensioning, clamping with Knobs

2.2

Star Knobs / Hand Knobs
Three-Lobe Knobs
Wing Screws / Nuts
Knurled Knobs
Knurled Screws / Nuts



Star Knobs / Hand Knobs

Five or More Lobes



DIN 6336
Cast Iron Hand Knobs,
Tapped or Blind Bore Type



DIN 6336
Aluminum Hand Knobs,
Blind Bores, Tapped Blind
or Tapped Thru Bores



DIN 6336
**Cast Iron / Aluminum
Hand Knobs,** Blank Type



SS Stainless Steel
DIN 6336
**Stainless Steel Hand
Knobs,** Tapped Thru or
Blind Tapped Type



SS Stainless Steel
DIN 6336
**Stainless Steel Hand
Knobs,** Blank Type



GN 6336.4
Cast Iron Hand Knobs,
with Steel Threaded Stud



SS Stainless Steel
GN 6336.5
Aluminum Hand Knobs,
with Stainless Steel
Threaded Stud



SS Stainless Steel
GN 6336.5
**Stainless Steel Hand
Knobs,** with Stainless Steel
Threaded Stud



SS Stainless Steel
GN 6336.5
Plastic Hand Knobs, with
Stainless Steel Threaded
Stud



DIN 6336
Plastic Hand Knobs, with
Steel Tapped Insert or
Tapped Through Bore



SS Stainless Steel
DIN 6336
**Technopolymer Hand
Knobs,** with Stainless Steel
Insert



DIN 6336
Plastic Hand Knobs, with
Brass Insert

2.2 Tensioning, Clamping with Knobs



GN 6336.4
Plastic Hand Knobs, with
Steel Threaded Stud



GN 6336.1
Phenolic Plastic Hand
Knobs, with Protruding
Steel Hub



GN 6336.2
Technopolymer Hand
Knobs, with Protruding
Steel Hub



SS Stainless
Steel
GN 6336.1
Phenolic Plastic Hand
Knobs, with Protruding
Stainless Steel Hub



SS Stainless
Steel
GN 6336.2
Technopolymer Hand
Knobs, with Protruding
Stainless Steel Hub



GN 6336.4
Plastic Hand Knobs, with
Protruding Steel Hub



SS Stainless
Steel
GN 6336.10
Nylon Plastic Hand
Knobs, with Stainless Steel
Threaded Stud with Brass or
Nylon Tip



SS Stainless
Steel
GN 6336.11
Nylon Plastic Hand Knobs,
with Stainless Steel
Threaded Stud with Ball End



SS Stainless
Steel
GN 6336.12
Nylon Plastic Hand Knobs,
with Stainless Steel
Threaded Stud and Toggle
Thrust Pad



GN 6336.3
Nylon Plastic Quick
Release Hand Knobs, With
Steel Hub



SS Stainless
Steel
GN 6336.3
Nylon Plastic Quick
Release Hand Knobs, With
Stainless Steel Hub



GN 6336.13
Nylon Plastic Hand Knobs
with Loss Protection,
Tapped Type



GN 6336.13
Nylon Plastic Hand Knobs
with Loss Protection,
Threaded Stud Type



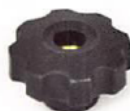
SS Stainless
Steel
LBX
Nylon Plastic Six Lobed
Knobs, with Stainless Steel
Tapped Insert



SS Stainless
Steel
LPX
Nylon Plastic Six Lobed
Knobs, with Stainless Steel
Threaded Stud



VBA
Nylon Plastic Eight Lobed
Knobs, with Tapped Insert



VBA-FP
Nylon Plastic Eight Lobed
Knobs, with Tapped
Through Insert



VPA
Nylon Plastic Eight Lobed
Knobs, with Threaded Stud



FKBH
Polypropylene Plastic
Fluted Hand Knobs, with
Through Hole



FKTH
Polypropylene Plastic
Fluted Hand Knobs, with
Through Hole

2.2

Tensioning, Clamping with Knobs

Star Knobs /
Hand Knobs

Five or More Lobes

Continued



FKZS
Polypropylene Plastic
Fluted Hand Knobs, with
Threaded Stud



VB
Solid Phenolic Plastic Six
Lobed Knobs, with Tapped
Insert



VB-FP
Solid Phenolic Plastic Six
Lobed Knobs, with Tapped
Through Hole Insert



VP
Solid Phenolic Plastic Six
Lobed Knobs, with
Threaded Stud



VB-FP-H
Phenolic Plastic Hollow
Six Lobed Knobs, with
Tapped Through Hole Insert



VP-H
Phenolic Plastic Hollow
Type Six Lobed Knobs,
with Threaded Stud



EN 5332
Technopolymer Plastic Six
Lobed Knobs with
Extended Hub, with Tapped
Insert



EN 5332
Technopolymer Plastic Six
Lobed Knobs with
Extended Hub, with
Threaded Stud



 Color
Options
EN 636
Technopolymer Plastic
Ergostyle® Lobed Knobs,
Tapped Thru or Plain Blind
Bore Insert



 Color
Options
EN 636.4
Technopolymer Plastic
Ergostyle® Lobed Knobs,
with Threaded Stud



EN 5337
Solid Phenolic Plastic Five
Lobed Knobs, with
Threaded Blind Bore or
Threaded Through Bore



 **SS** Stainless
Steel
EN 5337.5
Solid Phenolic Plastic Five
Lobed Knobs, with
Stainless Steel Tapped
Insert



 **SS** Stainless
Steel
EN 5337.5
Solid Phenolic Plastic Five
Lobed Knobs, with
Stainless Steel Threaded
Stud



EN 5333
Solid Phenolic Plastic Five
Lobed Knobs, with Square
Through Hole



EN 5331
Technopolymer Plastic
Five Lobed Knobs, with
Square or Tapped Through
Insert with or without cap



EN 5337.2
Technopolymer Star
Knobs, Self-Extinguishing,
Blind Tapped or Plain Blind
Bore Types



EN 5337.2
Technopolymer Plastic
Five Lobed Knobs, Blind
Tapped or Plain Blind Bore
Types



EN 5337.2
Technopolymer Plastic
Five Lobed Knobs, Tapped
Through Insert



EN 5337.2
Technopolymer Plastic
Five Lobed Knobs, with
Threaded Stud



 **SS** Stainless
Steel
EN 5337.4
Solid Technopolymer
Plastic Five Lobed Knobs,
with Stainless Steel or Brass
Insert

2.2 Tensioning, Clamping with Knobs



SS Stainless Steel
EN 5337.4
Cleanline Solid Technopolymer Five Lobed Knobs, with Stainless Steel Tapped Insert



EN 5337.4
Solid Technopolymer Five Lobed Knobs, Chrome Plated with Brass Tapped Insert



EN 5337.4
Solid Technopolymer Plastic Five Lobed Knobs, with Threaded Stud



EN 5337.6
Technopolymer Plastic Softline Star Knobs, with Tapped Brass Insert



EN 5337.6
Technopolymer Plastic Softline Star Knobs, with Threaded Stud



EN 5337.8
Technopolymer Plastic Safety Star Knobs with Key, with Tapped Brass Insert



EN 5337.8
Plastic Key for Safety Star Knobs



EN 5337.9
Technopolymer Plastic Lockable Safety Five Lobed Knobs, with Tapped Brass Insert



EN 5337.9
Technopolymer Plastic Lockable Safety Five Lobed Knobs, with Threaded Stud



HK
Phenolic Plastic Knurled Five Lobed Husky Knobs, with Brass Tapped Insert



FSK
Nylon Plastic Five Lobed Knobs, with Steel Tapped Through Hole Insert



GN 5337.3
Technopolymer Plastic Safety Five Lobed Knobs, with Steel Tapped Insert



GN 5337.3
Technopolymer Plastic Safety Five Lobed Knobs, with Steel Threaded Stud



GN 5337.13
Technopolymer Plastic Lobed Knobs with Loss Protection, with Steel Tapped Insert



GN 5337.13
Technopolymer Plastic Five Lobed Knobs with Loss Protection, with Steel Threaded Stud



GN 5336
Aluminum Hand Knobs, Tapped or Blind Bore



GN 5336
Aluminum Hand Knobs, Blank Type



SS Stainless Steel
GN 5334
Stainless Steel Hand Knobs, Tapped or Blind Bore



SS Stainless Steel
GN 5334.4
Stainless Steel Hand Knobs, AISI 316L (A4) Tapped or Blind Bore



SS Stainless Steel
GN 5334
Stainless Steel Hand Knobs, Threaded Stud Type

2.2

Tensioning, Clamping with Knobs

Series beginning with the "EN" title represent **elera** Original Design Products

Star Knobs / Hand Knobs

Five or More Lobes
Continued



SS Stainless Steel
GN 5334.4
Stainless Steel Hand Knobs, with Threaded Bolt
AISI 316L (A4)



SS Stainless Steel
GN 5335
Stainless Steel Matte Shot-Blasted Hand Knobs,
Tapped or Blind Bore



SS Stainless Steel
GN 5335
Stainless Steel Highly Polished Finish Hand Knobs,
Tapped or Blind Bore



SS Stainless Steel
GN 5335.4
Stainless Steel Hand Knobs, AISI 316L (A4)
Tapped or Blind Bore Type



SS Stainless Steel
GN 5335
Stainless Steel Matte Shot-Blasted Hand Knobs,
Blank Type



SS Stainless Steel
GN 5335.4
Stainless Steel Hand Knobs AISI 316L (A4),
Blank Type



SS Stainless Steel
GN 5435
Stainless Steel Hand Knobs, Tapped Type,
Hygienic Design



SS Stainless Steel
GN 5335
Stainless Steel Hand Knobs, with Threaded Stud



SS Stainless Steel
WN 5335.5
Stainless Steel Quick Release Nine Lobed Hand Knobs

Star Knobs / Hand Knobs

Four Lobes



DIN 6335
Aluminum Star Knobs,
Tapped, Tapped Through Hole, or Blind Bore



DIN 6335
Cast Iron Star Knobs, with Tapped, Tapped Through Hole, or Blind Bore



SS Stainless Steel
DIN 6335
Stainless Steel Star Knobs, Tapped Through or Blind Tapped Type



DIN 6335
Star Knobs, Blank, Casting Only



SS Stainless Steel
DIN 6335
Stainless Steel Star Knobs, Blank Type



GN 6335.4
Cast Iron Star Knobs, with Steel Threaded Stud



GN 6335.5
Aluminum Star Knobs, with Stainless Steel Threaded Stud



SS Stainless Steel
GN 6335.5
Stainless Steel Star Knobs, with Stainless Steel Threaded Stud

Series beginning with the "EN" title represent **elesa** Original Design Products

2.2 Tensioning, Clamping with Knobs



CKS
Aluminum Extruded
Four-Prong Clamping
Knobs, Tapped, Tapped
Through Hole, or Blind Bore



CKS
Aluminum Extruded
Four-Prong Clamping
Knobs, Blank Type



CKS
Aluminum Extruded
Four-Prong Clamping
Knobs, with Threaded Stud



CKSQ
Aluminum Quick Release
Four-Prong Hand Knobs



DIN 6335
Phenolic Plastic Star
Knobs, with Tapped Insert



DIN 6335
Nylon Plastic Star
Knobs, with Tapped Insert



GN 6335.4
Phenolic Plastic Star
Knobs, with Steel Threaded
Stud



SS Stainless Steel
GN 6335.5
Plastic Star Knobs, with
Stainless Steel Threaded
Stud



GN 6335.1
Phenolic Plastic Star
Knobs, with Steel Hub,
Tapped, or Blind Bore Type



GN 6335.2
Nylon Plastic Star Knobs,
with Protruding Steel Hub



SS Stainless Steel
GN 6335.2
Nylon Plastic Star Knobs,
with Protruding Stainless
Steel Hub



GN 6335.4
Nylon Plastic Star Knobs,
with Protruding Steel
Hub and Steel Threaded
Stud



FPK
Phenolic Plastic
Four-Prong Knobs, with
Tapped Insert



FPKS
Phenolic Plastic
Four-Prong Knobs, with
Threaded Stud



GN 6335.9
Nylon Plastic Star Knobs,
with Thrust Bearing, Tapped
Type

Three-Lobe Knobs



EN 5339
Technopolymer Plastic
Triangular Knobs, with
Brass Tapped Through
Insert



EN 5339
Technopolymer Plastic
Triangular Knobs,
Threaded Stud Type



EN 5341
Technopolymer Plastic
Hand Knobs, with Threaded
or Square Through Bore



SS Stainless Steel
GN 5339.5
Stainless Steel Triangular
Knobs, Threaded Blind
Bore Type

Series beginning with the "EN" title represent **elera** Original Design Products.

Three-Lobe Knobs

Continued

2.2

 <p>SS Stainless Steel GN 5345 Stainless Steel Three Lobe Knobs, Blind Tapped, Blind Bore, or Tapped Through</p>	 <p>SS Stainless Steel GN 5345 Stainless Steel Three Lobe Knobs, Blank Type</p>	 <p>SS Stainless Steel GN 5345.4 Stainless Steel Three Lobe Knobs AISI 316L (A4), Blank Type</p>	 <p>SS Stainless Steel GN 5345.4 Stainless Steel Three Lobe Knobs AISI 316L (A4), Blind Tapped, Blind Bore, or Tapped Through</p>
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 <p>SS Stainless Steel GN 5445 Stainless Steel Three Lobe Knobs, Tapped Type, Hygienic Design</p>	 <p>EN 5330 Technopolymer Plastic Three-Arm Knobs, Blind Tapped, Tapped Through, or Plain Blind Bore</p>	 <p>SS Stainless Steel EN 5330.5 Technopolymer Plastic Three-Arm Knobs, with Tapped Stainless Steel Insert</p>	 <p>EN 5330 Plastic Three-Arm Knobs, with Threaded Stud</p>
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 <p>3P-A Heavy Duty Phenolic Plastic Three Lobed Knobs, with Solid Steel Insert</p>	 <p>V3-B Thermoplastic Three Lobed Knobs, with Tapped Insert</p>	 <p>V3-B-FP Thermoplastic Three Lobed Knobs, with Tapped Through Insert</p>	 <p>V3-B-P Thermoplastic Three Lobed Knobs, with Threaded Stud</p>
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 <p>3P-B Phenolic Plastic Three Lobed Knobs, with Tapped Insert</p>	 <p>3P-P Phenolic Plastic Three Lobed Knobs, with Threaded Stud</p>	 <p>TPK Phenolic Plastic Three Lobed Knobs, with Tapped Insert</p>	 <p>TPKS Phenolic Plastic Three Lobed Knobs, with Threaded Stud</p>
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Wing Screws / Nuts

 <p> Color Options EN 634 Technopolymer Plastic Ergostyle® Wing Nuts, with Brass Tapped Insert</p>	 <p>EN 634 Plastic Ergostyle® Wing Nuts, with Tapped Through Insert without Cap</p>	 <p>SS Stainless Steel  Color Options EN 634.1 Technopolymer Plastic Ergostyle® Wing Nuts, with Stainless Steel Tapped Insert</p>	 <p>SS Stainless Steel EN 634.1 Technopolymer Plastic Ergostyle® Wing Nuts, with Stainless Steel Tapped Through Insert without Cap</p>
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Some designs with the "EN" title represent  Original Design Products

2.2 Tensioning, Clamping with Knobs



EN 635
Technopolymer Plastic Ergostyle® Single Wing Nuts, with Tapped Insert



EN 633
Technopolymer Plastic Ergostyle® Wing Screws, with Steel Threaded Stud



EN 633.1
Technopolymer Plastic Ergostyle® Wing Screws, with Stainless Steel Threaded Stud



EN 633.10
Wing Nuts, with Stainless Steel threaded Stud and Nylon Plastic Tip



EN 640
Technopolymer Plastic Ergostyle® Small Wing Screws, with Brass Tapped Insert



EN 639
Technopolymer Plastic Ergostyle® Small Wing Nuts, with Steel Threaded Stud



EN 532
Technopolymer Plastic Wing Knobs, with Blind Tapped or Tapped Through Insert



EN 531
Technopolymer Plastic Wing Screws, with Threaded Stud



EN 531
Technopolymer Plastic Wing Screws, with Stainless Steel Threaded Stud



EN 532.1
Technopolymer Plastic Wing Nuts, with Protruding Hub and Tapped Insert



EN 531.1
Technopolymer Plastic Wing Nuts, with Protruding Hub and Steel Threaded Stud



GB
Nylon Plastic Wing Nuts, with Tapped Insert



GB-FP
Nylon Plastic Wing Nuts, with Tapped Through Insert



GB1
Nylon Plastic Wing Nuts, with Tapped Insert



GP
Nylon Plastic Wing Screws, with Threaded Stud



GP1
Nylon Plastic Wing Screws, Threaded Stud Type



GPX
Nylon Plastic Win Screws, with Stainless Steel Threaded Stud



GS
Nylon Plastic Wing Screws, with Threaded Stud



FKS
Nylon Plastic T-Clamping Knobs, Tapped Insert Type



FTK
Phenolic Plastic T-Clamping Knobs, Tapped Insert Type

2.2

Tensioning, Clamping with Knobs

Series beginning with the "EN" title represent **elera** Original Design Products

Wing Screws / Nuts

Continued



WK
Nylon Plastic Wing Nuts, Tapped Insert Type



SLTSK
Plastic Shear-Loc Thumb Screw Knobs, Press-On Type



SS Stainless Steel
GN 834
Stainless Steel Wing Nuts, Tapped and Tapped Through Versions



SS Stainless Steel
GN 835
Stainless Steel Wing Screws, Threaded Stud Type



SS Stainless Steel
GN 434
Stainless Steel Wing Nuts, Tapped Type



SS Stainless Steel
GN 433
Stainless Steel Wing Screws, Threaded Stud Type



SS Stainless Steel
GN 432
Stainless Steel Wing Nuts, Tapped Type



SS Stainless Steel
GN 431
Stainless Steel Wing Screws, Threaded Stud Type

2.2

Knurled Knobs



EN 534
Technopolymer Plastic Diamond Cut Knurled Knobs, Tapped or Plain Blind Bore Insert



EN 534
Technopolymer Plastic Diamond Cut Knurled Knobs, with Steel Threaded Stud



EN 4534
Technopolymer Plastic Softline Knurled Knobs, with Tapped Insert



EN 4535
Technopolymer Plastic Softline Knurled Knobs, with Steel Threaded Stud



SS Stainless Steel
GN 7336
Glass Fiber Reinforced Plastic Hollow Knurled Knobs, with Steel or Stainless Steel Tapped Insert



SS Stainless Steel
GN 7336
Glass Fiber Reinforced Plastic Hollow Knurled Knobs, with Steel or Stainless Steel Threaded Stud



GN 7336.5
Glass Fiber Reinforced Plastic Hollow Knurled Knobs, with Steel Threaded Stud with Brass, Plastic, or Spherical Tip



GN 3663
Aluminum Torque Limiting Knurled Knobs, with Steel Tapped Insert



GN 3663
Aluminum Torque Limiting Knurled Knobs, with Steel Threaded Stud

Series beginning with the "EN" title represent **elera** Original Design Products

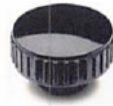
2.2 Tensioning, Clamping with Knobs

Knurled Screws / Nuts

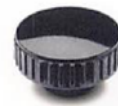


SS Stainless Steel

EN 530.1 Phenolic Plastic Cleanline Knurled Nuts, with Stainless Steel Tapped Insert



EN 530 Phenolic Plastic Knurled Nuts, with Brass Tapped Insert



SS Stainless Steel

EN 530.5 Phenolic Plastic Knurled Nuts, with Stainless Steel Tapped Insert



EN 529 Plastic Knurled Screws, With Steel Threaded Stud



SS Stainless Steel

EN 529.5 Phenolic Plastic Knurled Screws, with Stainless Steel Threaded Stud



VBZ Phenolic Plastic Knurled Rim Knobs, with Steel Tapped Insert



VPZ Phenolic Plastic Knurled Knobs, with Zinc Plated Steel Threaded Stud



VBZ-FP Phenolic Plastic Knurled Rim Knobs, with Tapped Through Hole



KKBH Polypropylene Plastic Knurled Knobs, with Tapped Insert



ZP Nylon Plastic Knurled Knobs, with Steel Threaded Stud



SS Stainless Steel

ZPX Nylon Plastic Knurled Knobs, with Stainless Steel Threaded Stud



ZB Nylon Plastic Knurled Knobs, with Tapped or Blind Bore



ZB-FP Nylon Plastic Knurled Knobs, with Tapped Through Insert



EN 590 Technopolymer Plastic Fluted Grip Knobs, with Blind Tapped or Tapped Through Insert



EN 590 Technopolymer Plastic Antistatic Fluted Grip Knobs, with Blind Tapped or Tapped Through Insert



EN 591 Technopolymer Plastic Fluted Grip Knobs, with Threaded Stud



EN 591 Technopolymer Plastic Antistatic Fluted Grip Knobs, with Threaded Stud



SS Stainless Steel

EN 590.5 Technopolymer Plastic Knurled Nuts, with Stainless Steel Tapped Insert



SS Stainless Steel

EN 591.5 Technopolymer Plastic Fluted Grip Knobs, with Stainless Steel Threaded Stud



GN 420 Nylon Plastic Hollow Knurled Knobs, with Steel Tapped Through Insert

2.2

Tensioning, Clamping with Knobs

Series beginning with the "EN" title represent **elera** Original Design Products

Knurled
Screws / Nuts

Continued

2.2



SS Stainless Steel
GN 420
Nylon Plastic Hollow Knurled Nuts, with Stainless Steel Tapped Through Insert



GN 421
Nylon Plastic Hollow Knurled Knobs, with Zinc Plated Steel Threaded Stud



SS Stainless Steel
GN 421
Nylon Plastic Hollow Knurled Knobs, with Stainless Steel Threaded Stud



SS Stainless Steel
GN 421.10
Technopolymer Plastic Hollow Knurled Knobs, with Stainless Steel Threaded Stud and Brass or Nylon Plastic Tip



SS Stainless Steel
GN 421.11
Technopolymer Plastic Hollow Knurled Knobs, with Stainless Steel Threaded Stud and Ball End



SS Stainless Steel
GN 421.12
Technopolymer Plastic Hollow Knurled Knobs, with Stainless Steel Threaded Stud, with Ball End and Swivel Thrust Pad



VEG
Textured Nylon Plastic Ergonomic Hand Knobs, with Tapped Insert



VEGS
Textured Nylon Plastic Ergonomic Hand Knobs, with Threaded Stud



SS Stainless Steel
GN 536
Stainless Steel Knurled Nuts, Tapped Type



SS Stainless Steel
GN 535
Stainless Steel Knurled Screws, with Threaded Stud



SS Stainless Steel
KRSK
Steel or Stainless Steel Knurled Knobs, with Tapped or Blind Bore



SS Stainless Steel
KRSK
Steel or Stainless Steel Knurled Knobs, with Threaded Stud



SS Stainless Steel
KRSK
Steel or Stainless Steel Knurled Knobs, with Tapped Through Hole



DIN 6303
Steel Knurled Nuts, with Tapped Through Hole or Plain Through Hole



SS Stainless Steel
DIN 6303
Stainless Steel Knurled Nuts, with Tapped Through Hole



DIN 466
Steel Knurled Nuts, with Tapped Through Hole



SS Stainless Steel
DIN 466
Stainless Steel Knurled Nuts, with Tapped Through Hole



DIN 464
Steel Knurled Thumb Screws, Threaded Stud Type



SS Stainless Steel
DIN 464
Stainless Steel Knurled Thumb Screws, Threaded Stud Type



DIN 467
Steel Flat Knurled Nuts, with Tapped Through Holes

2.2 Tensioning, Clamping with Knobs



SS Stainless Steel
DIN 467
Stainless Steel Flat Knurled Nuts, with Tapped Through Holes



DIN 653
Steel Flat Knurled Thumb Screws



SS Stainless Steel
DIN 653
Stainless Steel Flat Knurled Thumb Screws



SS Stainless Steel
GN 653.10
Stainless Steel Flat Knurled Screws, with Brass or Nylon Plastic Tip



GN 653.10
Steel Flat Knurled Thumb Screws, with Brass or Nylon Plastic Tip



GN 653.2
Steel Knurled Screws, with Recessed Stud for Loss Prevention



SS Stainless Steel
GN 653.2
Stainless Steel Knurled Screws, with Recessed Stud for Loss Protection



GN 6303.1
Steel Quick Release Knurled Nuts



SS Stainless Steel
KHS
Steel and Stainless Steel Knurled Thumb Screws



DPHS
Steel Knurled Thumb Screws, with Dog Point



SLCKA
Shear-Loc Knob Assortment Kit

For complete technical information, CAD models and online buying, visit www.jwwinco.com

















2.3 Tensioning with Eccentric Cams and Wedge Clamps



2.3

Clamping Levers with Eccentric Cam
Cam Point Levers
Wedge Clamps
Centering Bore Clamps

Clamping Levers with Eccentric Cam

 <p> Color Options</p> <p>GN 927 Zinc Die Cast Clamping Levers with Eccentric Cam, Tapped Type with Steel Components</p>	 <p> Color Options</p> <p>GN 927 Zinc Die Cast Clamping Levers with Eccentric Cam, Threaded Stud Type with Steel Components</p>	 <p>GN 927.3 Steel Clamping Levers with Eccentric Cam, Tapped Type with Steel Components</p>	 <p>GN 927.3 Steel Clamping Levers with Eccentric Cam, Threaded Stud Type with Steel Components</p>
 <p>SS Stainless Steel  Color Options</p> <p>GN 927.4 Zinc Die Cast Clamping Levers with Eccentric Cam, Threaded Stud Type with Stainless Steel Components</p>	 <p>SS Stainless Steel  Color Options</p> <p>GN 927.4 Zinc Die Cast Clamping Levers with Eccentric Cam, Threaded Stud Type with Stainless Steel Components</p>	 <p>SS Stainless Steel</p> <p>GN 927.5 Stainless Steel Clamping Levers with Eccentric Cam, Tapped Type with Plastic Contact Plate</p>	 <p>SS Stainless Steel</p> <p>GN 927.5 Stainless Steel Clamping Levers with Eccentric Cam, Threaded Stud Type with Plastic Contact Plate</p>
 <p>SS Stainless Steel</p> <p>GN 927.7 Stainless Steel Clamping Levers with Eccentric Cam, Tapped Type with Stainless Steel Contact Plate</p>	 <p>SS Stainless Steel</p> <p>GN 927.7 Stainless Steel Clamping Levers with Eccentric Cam, Threaded Stud Type with Stainless Steel Contact Plate</p>	 <p>EN 926 Plastic Clamping Levers with Eccentric Cam, Tapped Type with Steel Components</p>	 <p>EN 926 Plastic Clamping Levers with Eccentric Cam, Threaded Stud Type with Steel Components</p>

2.3 Tensioning with Eccentric Cams and Wedge Clamps



SS Stainless Steel
EN 926.1
Plastic Clamping Levers with Eccentric Cam, Tapped Type with Stainless Steel Components



SS Stainless Steel
EN 926.1
Plastic Clamping Levers with Eccentric Cam, Threaded Stud Type with Stainless Steel Components

Cam Point Levers



GN 918
Steel Eccentric Cam Units, Ball Lever or Hexagon Type



SS Stainless Steel
GN 918.5
Stainless Steel Eccentric Cam Units, Ball Lever or Hexagon Type



GN 918.1
Steel Bottom Clamping Cam Units, Ball Lever or Hexagon Type



SS Stainless Steel
GN 918.6
Stainless Steel Bottom Clamping Cam Units, Ball Lever or Hexagon Type



GN 918.2
Steel Top Clamping Cam Units, Ball Lever or Hexagon Type



SS Stainless Steel
GN 918.7
Stainless Steel Top Clamping Cam Units, Ball Lever or Hexagon Type



GN 418.2
Steel Cam Point Screws



GN 919
Steel Hubs with Eccentric Cam

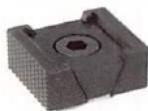


GN 917
Steel Double Cam Levers



SS Stainless Steel
GN 917.1
Stainless Steel Double Cam Levers

Wedge Clamps



GN 920.1
Steel Wedge Clamps



GN 920.2
Steel Pull-Down Plates, for GN 920.1 Wedge Clamps



GN 928
Steel Shaft Clamping Units, for Round Shafts or Tubes



GN 928.1
Assembly tool for GN 928 Shaft Clamping Units

Tensioning with Eccentric Cams and Wedge Clamps

2.3

Wedge Clamps

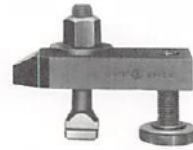
Continued



NO. 6430
Atlas Screw Jacks, with
Jam Nut



DIN 6314
Plain Clamps



NO. 6314 V
Adjustable Plain Clamps
with Adjusting Screw, with
or without T-Slot Bolt



NO. 6314 Z
Step Clamps



DIN 6315B
Forked Clamps Tapered



DIN 6315C
Forked Clamps, with Pin
End



NO. 6315 GN
Steel Forked Clamps, with
Shoe End



DIN 6316
Goose Neck Clamps



NO. 6316 V
Steel Adjustable Goose
Neck Clamps with
Adjusting Screw, with or
without T-Slot Bolt



NO. 6317
Steel Double Ended Goose
Neck Clamps



NO. 6312 VI
Crocodile Clamps, with
Adjustable Holders and
Stud Bolt

Centering Bore
Clamps



GN 411.2
Steel Centering Bore
Clamps

For complete technical information, CAD models and online buying, visit www.jwwinco.com



Eccentric Cam Units GN 918 → Page 63
Eccentric Cam Units GN 918.1 → Page 63

2.4 Tensioning with Clamping Mechanisms

Toggle Clamps
Accessories
Pneumatically Operated Clamps
Hook Clamps

2.4



Toggle Clamps



GN 810
Steel Vertical Acting Toggle Clamps, with Horizontal Mounting Base

SS
Stainless Steel



GN 810
Stainless Steel Vertical Acting Toggle Clamps, with Horizontal Mounting Base



13005
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



10247
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



101-A
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



12050
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



12130
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



12265
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



101-J
Vertical Acting Toggle Clamps, with Horizontal Mounting Base



6800-S
Steel Vertical Acting Toggle Clamps, with Safety Interlock and Horizontal Mounting Base

SS
Stainless Steel



6800
Stainless Steel Vertical Acting Toggle Clamps, with Horizontal Mounting Base



GN 810.1
Steel Vertical Acting Toggle Clamps, with Vertical Mounting Base

2.4 Tensioning with Clamping Mechanisms



2.4

Tensioning with Clamping Mechanisms

Toggle Clamps

Continued



GN 820.2
Steel Horizontal Acting Toggle Clamps, with Vertical Mounting Base



SS Stainless Steel
GN 820.2
Stainless Steel Horizontal Acting Toggle Clamps, with Vertical Mounting Base



GN 820.3
Steel Horizontal Acting Toggle Clamps, with Safety Hook Latch and Horizontal Mounting Base



SS Stainless Steel
GN 820.3
Stainless Steel Horizontal Acting Toggle Clamps, with Safety Hook Latch and Horizontal Mounting Base



6830-S
Steel Horizontal Acting Toggle Clamps, with Safety Interlock and Horizontal Mounting Base



GN 820.4
Steel Horizontal Acting Toggle Clamps, with Safety Hook Latch and Vertical Mounting Base



SS Stainless Steel
GN 820.4
Stainless Steel Horizontal Acting Toggle Clamps, with Safety Hook Latch and Vertical Mounting Base



201
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



201-B
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



22100
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



204-G
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



225-D
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



20235
Horizontal Acting Toggle Clamps, with Horizontal Mounting Base



202-F
Horizontal Acting Toggle Clamps, with Vertical Mounting Base



20820
Horizontal Acting Toggle Clamps, with Dual Flange Mounting Base



GN 840
Steel Push-Pull Type Toggle Clamps



GN 844
Brass or Steel Heavy Duty Push-Pull Type Toggle Clamps



GN 841
Steel Push-Pull Type Toggle Clamps



GN 842
Steel Heavy Duty Push-Pull Type Toggle Clamps



GN 843.1
Steel Push-Pull Type Toggle Clamps, with Mounting Base

2.4 Tensioning with Clamping Mechanisms



SS Stainless Steel
GN 843.1
Stainless Steel Push-Pull Type Toggle Clamps, with Mounting Bracket



SS Stainless Steel
6841
Stainless Steel Push-Pull Type Toggle Clamps, with Mounting Bracket



301-A / 302-B
Cam Action Toggle Clamps, with Horizontal Mounting Base



302-F
Inch Size Push-Pull Toggle Clamps, with Horizontal Mounting Base



36092
Push-Pull Toggle Clamps, with Horizontal Mounting Base



36003
Push-Pull Toggle Clamps, with Horizontal Mounting Base



36010 / 36012
Push-Pull Toggle Clamps, with Horizontal Mounting Base



30670
Push-Pull Toggle Clamps, with Horizontal Mounting Base



36202
Push-Pull Toggle Clamps



36070
Reverse Action Push-Pull Toggle Clamps, with Horizontal Mounting Base



302-D / 30282
Reverse Action Push-Pull Toggle Clamps, with Horizontal Mounting Base



36330
Push-Pull Toggle Clamps



304 / 305
Push-Pull Toggle Clamps



GN 850
Steel Hook Type Toggle Clamps, with Horizontal Mounting Base



GN 851
Steel Horizontal Latch Type Toggle Clamps, with Horizontal Mounting Base



SS Stainless Steel
GN 851
Stainless Steel Horizontal Latch Type Toggle Clamps



SS Stainless Steel
6848-H
Stainless Steel Horizontal Acting Latch Type Toggle Clamps, with Horizontal Mounting Base



GN 851.3
Steel Horizontal Latch Type Toggle Clamps, with Safety Hook and Pulling Action



SS Stainless Steel
GN 851.3
Stainless Steel Horizontal Latch Type Toggle Clamps, with Safety Hook and Pulling Action



GN 851.1
Steel Vertical Latch Type Toggle Clamps, Horizontal Mounting Base with Vertical Clamping Arm

2.4

Tensioning with Clamping Mechanisms

Toggle Clamps

Continued



SS Stainless Steel
GN 851.1
Stainless Steel Vertical Latch Type Toggle Clamps, Horizontal Mounting Base with Vertical Clamping Arm



GN 851.2
Steel Latch Type Toggle Clamps, Vertical Support Base with Horizontal Clamping Arm



GN 852
Steel Latch Type Toggle Clamps, Heavy Duty



SS Stainless Steel
GN 852
Stainless Steel Latch Type Toggle Clamps, Heavy Duty



GN 852.3
Steel Latch Type Toggle Clamps, Heavy Duty with Safety Hook



SS Stainless Steel
GN 852.3
Stainless Steel Latch Type Toggle Clamps, Heavy Duty with Safety Hook



GN 852.1
Vertical Hook Type Toggle Clamps, Heavy Duty



40324
Steel Latch Type Toggle Clamps, with Horizontal Mounting Base with Vertical Clamping Arm



GN 951.1
Steel Square U-Bolts, for GN 851 / GN 851.1 / GN 851.2 / GN 851.3 Latch Type Toggle Clamps



SS Stainless Steel
GN 951.1
Stainless Steel Pulling Latch, for GN 851 / GN 851.1 / GN 851.2 / GN 851.3 Latch Type Toggle Clamps



GN 951.2
Steel Square U-Bolts, for GN 852 / GN 852.1 / GN 852.3 Latch Type Toggle Clamps



SS Stainless Steel
GN 951.2
Stainless Steel Square U-Bolts, for GN 852 / GN 852.1 / GN 852.3 Latch Type Toggle Clamps



GN 853
Steel Latch Type Toggle Clamps, with Locking Mechanism



SS Stainless Steel
GN 853
Stainless Steel Latch Type Toggle Clamps, with Locking Mechanism



GN 854
Steel Latch Type Toggle Clamps, with Bore for Handle or with Fixed Clamping Arm



GN 855
Steel C-Clamps



80325
Cam Action Toggle Clamps



GN 50350 / 50360 / 50380 / 50405
Toggle Pliers



GN 858
Steel Latch Type Toggle Clamps, with Locking Mechanism



40370
Steel Latch Type Toggle Clamps, with Horizontal Mounting Base

2.4 Tensioning with Clamping Mechanisms



40380
Steel Latch Type Toggle Clamps, with Horizontal Mounting Base



431
Steel Latch Type Toggle Clamps, with Horizontal Mounting Base



451
Steel Hook Type Toggle Clamps, with Horizontal Mounting Base



43101
Steel Hook Type Toggle Clamps, with Horizontal Mounting Base

Accessories



GN 804
Steel Toggle Clamp Spindle Assemblies, with Adjustable Spring Loaded Thrust Pad



GN 807
Steel Toggle Clamps Spindle Assemblies, with or without Push-On Protective Cap



SS Stainless Steel
GN 807
Stainless Steel Toggle Clamp Spindle Assemblies, with or without Protective Neoprene Cap



GN 708.1
Steel Toggle Clamp Spindle Assemblies, with Protective Neoprene Cap



SS Stainless Steel
GN 708.1
Stainless Steel Toggle Clamp Spindle Assemblies, with Protective Neoprene Cap



JW 708
Steel Toggle Clamp Assemblies, with Neoprene Pad



GN 802
Steel Toggle Clamp Spindle Assemblies, with Swivel Thrust Pad



GN 903
Steel Toggle Clamp Spindle Assemblies, with Swivel Thrust Pad



SS Stainless Steel
GN 903
Stainless Steel Toggle Clamp Assemblies, with Swivel Thrust Pad



GN 801
Steel Clamp Mounts, for Toggle Clamps with Forked Clamping Arm



GN 809
Steel Clamp Mounts, for Toggle Clamps with Solid Clamping Arm

Pneumatically Operated Clamps



GN 860
Steel Pneumatic Toggle Clamps, with Horizontal Mounting Base



GN 860
Steel Pneumatic Toggle Clamps, with Horizontal Mounting Base and Magnetic Piston



GN 861
Steel Heavy Duty Pneumatic Toggle Clamps, with Horizontal Mounting Base and Magnetic Piston



GN 862
Steel Pneumatic Toggle Clamps, with Vertical Mounting Base

2.4

Tensioning with Clamping Mechanisms

Pneumatically Operated Clamps

Continued



GN 862
Steel Pneumatically Operated Clamps, with Vertical Mounting Base and Magnetic Piston



GN 862.1
Steel Pneumatic Toggle Clamps, with Additional Manual Operation and Magnetic Piston



GN 862.1
Steel Pneumatic Toggle Clamps, with Vertical Mounting Base and Additional Manual Operation



GN 863
Steel Heavy Duty Pneumatic Lock-Down Toggle Clamp, with Vertical Mounting Base and Magnetic Piston



GN 890
Steel Pneumatic Push-Pull Toggle Clamps, with Horizontal Mounting Base and Magnetic Piston



GN 890
Steel Pneumatic Push-Pull Toggle Clamps, with Horizontal Mounting Base, without Magnetic Piston



GN 896.1
Proximity Switches with Mounting Bracket, for Pneumatic Toggle Clamps



GN 896.2
Proximity Switches with Mounting Bracket, for Pneumatic Toggle Clamps



GN 896.3
Proximity Switches, for Heavy Duty Pneumatic Toggle Clamps



GN 864
Pneumatic Fastening Clamps



GN 865
Pneumatic Fastening Clamps



GN 866
Pneumatic Fastening Clamps, for Centered Clamping



GN 867
Single Post Coupling / Y-Coupling Accessories, for Pneumatic Fastening Clamps



GN 867.1
Single Post Bracket / Bracket Accessories, for Pneumatic Fastening Clamps



GN 868
Steel T-Coupling / Double Post Coupling Accessories, for Pneumatic Fastening Clamps GN 864 / GN 865 / GN 866



GN 868.1
Bracket / Double Post Bracket Accessories, for Pneumatic Fastening Clamps



GN 869.1
Steel Single Post Bracket / Y-Bracket Accessories, for Clamping Bolts for Pneumatic Clamps GN 865



GN 869.2
Steel T-Bracket / Double Post Bracket Accessories, for Clamping Bolts for Pneumatic Clamps GN 865



GN 872
Jaw Block Accessories, for Pneumatic Fastening Clamps



GN 871
Steel Shim Kit Accessories

2.4 Tensioning with Clamping Mechanisms



GN 873
Clamp Mounting Bracket
Accessories for Pneumatic
Fastening Clamps



GN 870
Steel Centering Guide
Bushing Accessories for
Pneumatic Fastening
Clamps



GN 893.1
Proximity Switch for
Pneumatic Fastening
Clamps Size 20, Inductive
Sensor



GN 893.2
Proximity Switch for
Pneumatic Fastening
Clamps Size 32, Inductive
Sensor



GN 893.3
Proximity Switch for
Pneumatic Fastening
Clamps Size 40, Inductive
Sensor



GN 893.4
Proximity Switch for
Pneumatic Fastening
Clamps Size 50, Inductive
Sensor

Hook Clamps



GN 8330
Steel Hook Clamps



SS Stainless Steel
GN 8330
Stainless Steel Hook
Clamps



GN 821
Steel Toggle Latches, with
Adjustable Grip



SS Stainless Steel
GN 831
Steel / Stainless Steel
Toggle Latches, with
Adjustable Grip



SS Stainless Steel
GN 831.1
Steel / Stainless Steel
Toggle Latches, without
Safety Catch



SS Stainless Steel
GN 831.2
Steel / Stainless Steel
Toggle Latches, with
Safety Catch and Adjustable
Grip



SS Stainless Steel
GN 832
Steel / Stainless Steel
Toggle Latches, with Catch



SS Stainless Steel
GN 832.1
Steel / Stainless Steel
Toggle Latches, with Catch



SS Stainless Steel
GN 832.2
Steel / Stainless Steel
Toggle Latches, with Catch



SS Stainless Steel
GN 832.3
Steel / Stainless Steel
Toggle Latches, with Catch



SS Stainless Steel
GN 832.4
Steel / Stainless Steel
Toggle Latches, with Catch



SS Stainless Steel
GN 833
Steel / Stainless Steel
Toggle Hook Latches

2.4

Tensioning with Clamping Mechanisms



3.1 Indexing, Locking, Blocking

with Pins and Ball-Shaped Elements

Indexing Plungers
Cam Action Indexing Plungers
Spring Plungers
Rapid Release Pins



3.1

Indexing Plungers



GN 617
Steel / Plastic Knob Indexing Plunger, Non Lock-Out



SS Stainless Steel
GN 617
Stainless Steel / Plastic Knob Indexing Plungers, Non Lock-Out



SS Stainless Steel
GN 617
Stainless Steel / Stainless Steel Knob Indexing Plungers, Non Lock-Out



GN 617.1
Steel / Plastic Knob Indexing Plungers, Lock-Out



SS Stainless Steel
GN 617.1
Stainless Steel / Plastic Knob Indexing Plungers, Lock-Out



SS Stainless Steel
GN 617.1
Stainless Steel / Stainless Steel Knob Indexing Plungers, Lock-Out



GN 613
Steel / Plastic Knob Indexing Plungers, Lock-Out with Fully Threaded Body



SS Stainless Steel
GN 613
Stainless Steel / Plastic Knob Indexing Plungers, Non Lock-Out with Fully Threaded Body



SS Stainless Steel
GN 613
Stainless Steel / Stainless Steel Knob Indexing Plungers, Non Lock-Out with Fully Threaded Body



GN 613.1
Mounting Tool, for GN 613



LRSP
Steel Hand Retractable Spring Plungers, Lock-Out with Knurled Handle



SS Stainless Steel
LRSS
Stainless Steel Hand Retractable Spring Plungers, Lock-Out with Knurled Handle



3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements



HRSP
Steel Hand Retractable Spring Plungers, Non Lock-Out with Knurled Handle



SS Stainless Steel
HRSS
Stainless Steel Hand Retractable Spring Plungers, Non Lock-Out with Knurled Knobs



GN 618
Steel Indexing Plungers, Plain Unthreaded Weldable Body



EN 617.2
Plastic Indexing Plungers, Steel Pin, Black Knob, Lock-Out and Non Lock-Out



EN 617.2
Plastic Indexing Plungers, Steel Pin, Red Knob, Lock-Out and Non Lock-Out



SS Stainless Steel
EN 617.2
Plastic Indexing Plungers, Stainless Steel Pin, Black Knob, Lock-Out and Non Lock-Out



SS Stainless Steel
EN 617.2
Plastic Indexing Plungers, Stainless Steel Pin, Red Knob, Lock-Out and Non Lock-Out



GN 817
Steel Indexing Plungers, Lock-Out or Non Lock-Out with Multiple Pin Lengths



GN 817
Steel Indexing Plungers, Lock-Out or Non Lock-Out with Multiple Pin Lengths, Red Knob



SS Stainless Steel
GN 817
Stainless Steel Indexing Plungers, Lock-Out or Non Lock-Out with Multiple Pin Lengths



SS Stainless Steel
GN 817
Stainless Steel Indexing Plungers, Lock-Out or Non Lock-Out with Multiple Pin Lengths, Red Knob



GN 817.8
Steel Indexing Plungers, Lock-Out or Non Lock-Out with Removable Pin



SS Stainless Steel
GN 817.8
Stainless Steel Indexing Plungers, Lock-Out or Non Lock-Out with Removable Pin



GN 817.2
Steel Indexing Plungers, Lock-Out or Non Lock-Out with Long Plastic Knob



SS Stainless Steel
GN 817.2
Stainless Steel Indexing Plungers, Lock-Out or Non Lock-Out with Long Plastic Knob



GN 817.4
Steel Indexing Plungers, Lock-Out and Non Lock-Out with T-Handle Knob



SS Stainless Steel
GN 817.4
Stainless Steel Indexing Plungers, Lock-Out and Non Lock-Out with T-Handle Knob



GN 817.1
Steel Indexing Plungers, Lock-Out or Non Lock-Out with Plate Mount



GN 817.1
Steel Indexing Plungers, Red plastic Knob, Lock-out or non Lock-Out, with Plate Mount



GN 817.9
Steel / Plastic Knob Indexing Plungers, Lock-Out or Non Lock-Out with Plate Mount

Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

3.1

Indexing
Plungers

Continued



GN 717
Steel Indexing Plungers,
with Knob, Lock-Out and
Non Lock-Out



SS Stainless
Steel
GN 717
Stainless Steel Indexing
Plungers, with Knob,
Lock-Out and Non Lock-Out



SS Stainless
Steel
GN 717
Steel and Stainless Steel
Indexing plungers, with
Pull Ring



GN 413
Steel Indexing Plungers,
Blackened



SS Stainless
Steel
GN 413
Stainless Steel Indexing
Plungers



GN 607
Steel / Plastic Knob Short
Indexing Plungers, Non
Lock-Out



SS Stainless
Steel
GN 607
Stainless Steel / Plastic
Knob Short Indexing
Plungers, Non Lock-Out



GN 607.1
Steel / Plastic Knob Short
Indexing Plungers,
Lock-Out



SS Stainless
Steel
GN 607.1
Stainless Steel / Plastic
Knob Short Indexing
Plungers, Lock-Out



GN 607.2
Steel Short Indexing
Plungers, Non Lock-Out for
Sheet Metal



GN 607.3
Steel Short Indexing
Plungers, Lock-Out for
Sheet Metal



GN 607.9
Double Ring Spanner
Assembly Tool



GN 607.4
Steel Indexing Plungers,
Non Lock-Out for Welding



GN 607.5
Steel Indexing Plungers,
Lock-Out for Welding



GN 608
Indexing Plungers with
Steel Plunger Pin, Non
Lock-Out with Plate Mount



SS Stainless
Steel
GN 608.5
Indexing Plungers with
Stainless Steel Plunger
Pin, Non Locking with Plate
Mount



GN 608.1
Indexing Plungers with
Steel Plunger Pin,
Lock-Out with Plate Mount



SS Stainless
Steel
GN 608.6
Indexing Plungers with
Stainless Steel Plunger
Pin, Lock-Out with Plate
Mount



SS Stainless
Steel
GN 822
Steel / Stainless Steel Mini
Indexing Plungers,
Lock-Out and Non Lock-Out



SS Stainless
Steel
GN 822
Steel / Stainless Steel Mini
Indexing Plungers,
Lock-Out and Non Lock-
Out, Red Knob

3.1

3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements



SS Stainless Steel
GN 822.1
Steel / Stainless Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Open Lock Mechanism



SS Stainless Steel
GN 822.1
Steel / Stainless Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Open Lock Mechanism, Red Knob



822.6
Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Hidden Lock Mechanism



SS Stainless Steel
GN 822.7
Stainless Steel / Plastic Knob Mini Indexing Plungers, Lock-Out and Non Lock-Out with Hidden Lock Mechanism



SS Stainless Steel
GN 822.7
Stainless Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Hidden Lock Mechanisms



GN 822.8
Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Plate Mount



SS Stainless Steel
GN 822.9
Stainless Steel Mini Indexing Plungers, Lock-Out and Non Lock-Out with Plate Mount



GN 412
Steel Indexing Plungers, with Screw-On Flange



GN 416
Spring Latches, with Flange for Surface Mounting



GN 416.1
Steel Pin Locators, for Indexing Plungers GN 416



GN 417
Zinc Die-Cast Indexing Plunger Latch Mechanisms, Non Lock-Out



GN 417.1
Steel Pin Locators, for Indexing Plungers GN 417



GN 417
Zinc Die-Cast Indexing Plunger Latch Mechanisms, Lock-Out



SPRP
Steel Stubby Hand Retractable Spring Plungers, Non Lock-Out with Pull Ring



SS Stainless Steel
WN 717.10
Stainless Steel Stubby Hand Retractable Spring Plungers, Non Lock-Out with Pull Ring



PRP
Steel Hand Retractable Spring Plungers, Lock-Out with Pull Ring



SS Stainless Steel
GN 7017
Stainless Steel L Handle Indexing plungers, Lock-Out and Non Lock-Out Type



LHRP / LRH
Steel L Handle Retractable Spring Plungers, Lock-Out and Non Lock-Out Type



SS Stainless Steel
LRHS
Stainless Steel L Handle Retractable Spring Plungers, Lock-Out Type



GN 817.3
Steel Indexing Plungers, with Plate Mount for Precision Locating

Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

3.1

Indexing
Plungers

Continued



GN 817.5
Steel Indexing Plungers,
with Plate Mount and
Conical Plunger for
Precision Locating



SS Stainless
Steel
GN 414
Steel and Stainless Steel
Safety Indexing Plungers,
Unlocking with Push Button



SS Stainless
Steel
414.1
Steel and Stainless Steel
Safety Indexing Plungers,
with Push Button Click-Type
Lock



GN 816
Steel Locking Plungers,
Plunger Pin Protruded in
Normal Position



GN 816.1
Steel Locking Plungers,
Plunger Pin Retracted in
Normal Position



GN 816 / GN 816.1
Key for Locking Plungers



GN 514
Steel Locking Plungers,
with Push-Push Locking
Mechanism



GN 313
Steel / Plastic Knob Spring
Bolts, Plunger Retracted in
Normal Position



SS Stainless
Steel
GN 313
Stainless Steel / Plastic
Knob Spring Bolts, Plunger
Retracted in Normal Position



GN 7336.7
Glass Fiber Reinforced
Plastic Clamping Knobs,
with Indexing Plunger



GN 7336.8
Glass Fiber Reinforced
Plastic Clamping Knobs,
with Indexing Plunger and
Safety Function



GN 609
Steel Spacer Bushings, for
Indexing Plungers



SS Stainless
Steel
GN 609.5
Stainless Steel Spacer
Bushings, for Indexing
Plungers



GN 909
Steel Thin Hexagon Nuts,
for Indexing Plungers / Cam
Action Plungers



SS Stainless
Steel
GN 909.5
Stainless Steel Thin
Hexagon Nuts, for Indexing
Plungers / Cam Action
Plungers



GN 412.2
Steel Locating Bushings,
for Indexing Plungers / Cam
Action Indexing Plungers



GN 412.3
Steel Locating Bushings,
with Cone for Indexing
Plungers



GN 412.1
Zinc Die-Cast Mounting
Blocks, for Indexing Plung-
ers / Cam Action Indexing
Plungers / Positioning
Bushings



GN 612.1
Steel Mounting Blocks, for
Indexing Plunges



SS Stainless
Steel
GN 612.1
Stainless Steel
Mounting Blocks, for
Indexing Plungers

3.1

3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

Cam Action Indexing Plungers



GN 612
Steel Cam Action Indexing Plungers, with Lock-Out Function



SS Stainless Steel
GN 612
Stainless Steel Cam Action Indexing Plungers, without Locking Function



GN 612.8
Zinc Die-Cast Cam Action Indexing Plungers, with Lock-Out Function



GN 721
Steel Cam Action Indexing Plunger, with Limit Stop, without Locking Function



GN 721.1
Steel Cam Action Indexing Plungers, with Limit Stop, with Lock-Out Function



SS Stainless Steel
GN 721.5
Stainless Steel Cam Action Indexing Plunger, with Limit Stop, without Locking Function



SS Stainless Steel
GN 721.6
Stainless Steel Cam Action Indexing Plungers, with Limit Stop, Lock-Out Function



EN 672
Cam Action Indexing Plungers, with Plastic Guide, with Lock-Out Function



GN 712
Steel Cam Action Indexing Plungers, Plunger in Normal Position Protruded



GN 712.1
Steel Cam Action Indexing Plungers, Plunger in Normal Position Retracted



GN 612.2
Steel Cam Action Indexing Plungers, with Mounting Flange for Surface Mounting



GN 612.9
Zinc Die-Cast Cam Action Indexing Plungers, with Mounting Flange for Surface Mounting



GN 722.1
Steel Square Spring Latches, with Flange for Surface Mounting



SS Stainless Steel
GN 722.1
Stainless Steel Square Weldable Spring Latches, for Welding



GN 722.2
Steel Cam Action Indexing Plungers, with Flange for Surface Mounting



SS Stainless Steel
GN 722.2
Stainless Steel Square Spring Latches, with Flange for Surface Mounting



GN 722.3
Steel Square Spring Latches, with Flange for Surface Mounting



SS Stainless Steel
GN 722.3
Stainless Steel Square Spring Latches, with Flange for Surface Mounting



GN 612.10
Steel Cam Action Indexing Plungers, with Flange for Surface Mounting



GN 612.3
Steel Square Weldable Cam Action Indexing Plungers

Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

3.1

Cam Action
Indexing
Plungers

Continued



SS Stainless Steel
GN 612.3
Stainless Steel Square Weldable Cam Action Indexing Plungers

Spring Plungers



SS Stainless Steel
GN 615
Steel / Stainless Steel Ball Plungers, Threaded Body Type with Ball and Slot



SS Stainless Steel
GN 615.3
Steel / Stainless Steel Ball Plungers, Threaded Body Type with Hexagon Socket Drive



SS Stainless Steel
GN 615.3
Steel / Stainless Steel Ball Plungers, with Thread Locking, Ball, and Internal Hexagon



GN 615.2
Derlin Ball Plungers, Threaded Body Type with Stainless Steel or Derlin Ball



BP
Steel Ball Plungers, Threaded Body Type, with Ball and Slot



SS Stainless Steel
SBP
Stainless Steel Ball Plungers, Threaded Body Type with Nylon Ball



SS Stainless Steel
SBPNB
Stainless Steel Ball Plungers, Threaded Body Type with Nylon Ball



GN 815
Steel Ball Plungers, with Slotted Head



SS Stainless Steel
GN 815
Stainless Steel Ball Plungers, with Slotted Head



SS Stainless Steel
GN 614
Stainless Steel, Derlin, and Brass Short Press-Fit Ball Plungers



GN 614.5
Plastic Push-Fit Short Spring Plungers, with Ball



SS Stainless Steel
PBP
Steel or Stainless Steel Press-Fit Ball Plungers



GN 614.2
Brass Double Ended Press-Fit Ball Plungers



SS Stainless Steel
GN 614.3
Stainless Steel Headless Unthreaded Ball Plungers



GN 610
Spring Loaded Shells



GN 249
Ball Buttons, for Spring Plungers

3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements



GN 250
Steel Positioning Blocks,
for Spring Plungers



SS Stainless Steel
GN 615.1
Steel / Stainless Steel
Short Spring Plungers,
with Standard and Heavy
Spring Loads



SS Stainless Steel
GN 615.4
Steel or Stainless Steel
Short Spring Plungers,
with Nose Pin and Hexagon
Socket Drive



GN 616
Steel or Derlin Spring
Plungers, with Nose Pin
and Internal Hexagon



SS Stainless Steel
GN 616
Stainless Steel Spring
Plungers, with Stainless
Steel or Derlin Nose Pins
and Internal Hexagon



GN 616.5
Steel Screwdrivers, for
Installing Spring Plungers
GN 616



SS Stainless Steel
GN 614.4
Stainless Steel Spring
Plungers, Long Body,
Press-Fit Type



GN 611
Steel Long Stroke Spring
Plungers



GN 611.5
Steel Screwdrivers, for
Installing Spring Plungers
GN 611



SPNL
Steel Short Spring
Plungers, Threaded Body
with Steel Nose Pin



SS Stainless Steel
SPSNL
Stainless Steel Short
Spring Plungers, Threaded
Body with Stainless Steel
Nose Pin



SPDN
Steel Short Spring
Plungers, Slotted Threaded
Body with Derlin Nose Pin



SS Stainless Steel
SPSDN
Stainless Steel Short
Spring Plungers, Slotted
Threaded Body with Derlin
Nose Pin



DNSP
Steel Spring Plungers, with
Derlin Nose Pin



SPNLE
Steel Spring Plungers, with
Plastic Nose Pin



SPNLE
Steel Spring Plungers, with
Steel Nose Pin



SS Stainless Steel
SPSSNL
Stainless Steel Spring
Plungers, with Stainless
Steel Nose Pin



SS Stainless Steel
SPSSDN
Stainless Steel Spring
Plungers, with Derlin Nose
Pin



GN 513
Steel Spring Loaded
Positioning Elements



GN 615.7
Steel Spring Plungers, with
Limit Switch

Spring Plungers

Continued



GN 614.1
Zinc Die Cast Holding Blocks, for Spring Plungers GN 614



GN 614.1
Zinc Die Cast Holding Blocks, with Spring Plungers GN 614



GN 716
Cylindrical Side Thrust Pins, Press-On Type



GN 715
Press-Fit Side Thrust Pins



GN 715.1
Mounting Tools, for GN 715 / GN 714



GN 714
Press-Fit Side Thrust Pins, Tapped without Pin



GN 713
Zinc-Plated Steel Side Thrust Pins, with Threaded Body



GN 713.1
Mounting Tools, for GN 713



GN 715.2
Steel Eccentric Bushings, for Side Thrust Pins

3.1

Rapid Release Pins



SS Stainless Steel
GN 113.3
Stainless Steel Self-Locking Rapid Release Pins



SS Stainless Steel
GN 113.4
Stainless Steel AISI 630, Heavy Duty Self-Locking Rapid Release Pins



SS Stainless Steel
GN 113.5
Rapid Release Pins, with Stainless Steel Shank AISI 303



SS Stainless Steel
GN 113.6
Plastic Heavy Duty Self-Locking Rapid Release Pins, with Stainless Steel Shank 1.4542



SS Stainless Steel
GN 113.7
Ball Lock Pins, with Plastic T-Handle, Stainless Steel AISI 303 European Standard 1.4305



SS Stainless Steel
GN 113.8
Stainless Steel AISI 630 Heavy Duty Ball Lock Pins, with Plastic T-Handle, European Standard 1.4542



SS Stainless Steel
GN 114.2
Steel Rapid Release Pins, Steel Shank and Stainless Steel Securing Pins



SS Stainless Steel
GN 114.3
Stainless Steel Shank and Securing Pins, Rapid Release Pins

3.1 Indexing, Locking, Blocking with Pins and Ball-Shaped Elements



SS Stainless Steel
GN 114.6
Stainless Steel Rapid Release Pins, with Axial Lock (pawl)



GN 214.2
Steel Locking Pins, with Axial Lock (pawl)



SS Stainless Steel
GN 214.3
Stainless Steel Shank and Securing Pins Rapid Release Pins, Plastic Push Button and Lifting Ring



SS Stainless Steel
GN 214.6
Stainless Steel Rapid Release Pins, with Axial Lock



RP 200
Rapid Release Pins, with Steel Shank



SS Stainless Steel
RP 200.1
Rapid Release Pins, with Stainless Steel Shank



RP 100
T-Handle Rapid Release Pins, with Steel Shank



SS Stainless Steel
RP 100.1
T-Handle Rapid Release Pins, with Stainless Steel Shank



SS Stainless Steel
GN 124
Stainless Steel Shank Quick Release Pins, with Axial Lock (ball retainer)



SS Stainless Steel
GN 124.2
Stainless Steel Locking Pins, with Axial Lock (ball retainer)



SS Stainless Steel
GN 124.1
Stainless Steel Locking Pins, with Axial Lock (Magnetic)



SS Stainless Steel
GN 113.1
Plastic Three-Prong Self-Locking Rapid Release Pins, with Stainless Steel Shank



SS Stainless Steel
GN 2342
Stainless Steel Assembly Pins



SS Stainless Steel
GN 2344
Stainless Steel Retaining Washer

Indexing, Locking, Blocking with Pins and Ball-Shaped Elements

3.1

For complete technical information, CAD models and online buying, visit www.jwwinco.com

3.2 Mounting, Positioning, Leveling

with Screws, Clamping, and Supporting Elements

Swing Bolts / Shoulder Screws / Thrust Bolts
Thrust Pads
Nuts
Washers
Positioning Elements / Clamping Pads
Leveling Sets
Set Collars
Nuts / Bolts for T-Slots



Swing Bolts / Shoulder Screws / Thrust Bolts

3.2



DIN 444
Steel Swing Bolts



SS Stainless Steel
DIN 444
Stainless Steel Swing Bolts



GN 1524
Steel Swing Bolts, with Extended Thread Length



SS Stainless Steel
GN 1524
Stainless Steel Swing Bolts, with Extended Thread Length



SEB
Steel Swing Bolts, Blank



SEB
Steel Swing Bolts



LB
Steel Latch Bolts



GN 913.3
Steel Set Screws, with Brass or Nylon Tip



SS Stainless Steel
GN 913.5
Stainless Steel Set Screws, with Brass or Nylon Tip



GN 913.2
Steel Set Screws, with Hardened Spherical or Pointed Tip




SS Stainless Steel
GN 933.5
Stainless Steel Hexagon Head Screws, with Brass Tip, Nylon Tip, or Spherical Pivot



GN 605
Steel Socket Set Screws, with Full, Flat, and Serrated Ball Point Ends



 <p>SS Stainless Steel GN 605 Stainless Steel Set Screws, with Full, Flat, and Serrated Ball Point Ends</p>	 <p>GN 605.6 Steel Socket Set Screws, with Serrated Flat Ball Ends with Nut and Washer</p>	 <p>GN 606 Steel Socket Head Cap Screws, with Full, Flat and Serrated Ball Point Ends</p>	 <p>SS Stainless Steel GN 606 Stainless Steel Socket Head Cap Screws, with Full, Flat, and Serrated Ball Point Ends</p>
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 <p>GN 732 Steel Cylinder Head Shoulder Bolts</p>	 <p>ISO 7379 Hardened Steel Shoulder Screws, with Collar</p>	 <p>SS Stainless Steel ISO 7379 Stainless Steel Shoulder Screws, with Collar</p>	 <p>GN 252 Steel Threaded Plugs</p>
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 <p>SS Stainless Steel GN 252.5 Stainless Steel Threaded Plugs</p>			
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Thrust Pads

 <p>DIN 6332 Steel Grub Screws, with Hardened or Unhardened Tips</p>	 <p>DIN 6332 Steel Zinc Plated Grub Screws, with Unhardened Tips</p>	 <p>DIN 6311 Steel Thrust Pads</p>	 <p>GN 6311.1 Steel Thrust Pads, Plain Base or with Plastic Cover</p>
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 <p>GN 6311.3 Base Plates</p>	 <p>GN 632.1 Steel Grub Screws</p>	 <p>SS Stainless Steel GN 632.5 Stainless Steel Grub Screws</p>	 <p>GN 631 Plastic Thrust Pads</p>
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Mounting, Positioning, Leveling with Screws, Clamping, and Supporting Elements

3.2



Thrust Pads

Continued



SS Stainless Steel
GN 631.5
Stainless Steel Thrust Pads



KHTS
Knurled Toggle Clamp Screws



TS
Swivel Screw Clamps



TSP
Steel Toggle Pads



SS Stainless Steel
TSPS
Stainless Steel Toggle Pads



SS Stainless Steel
STP
Steel or Stainless Steel Serrated Toggle Pads



GN 346
Steel Ball Joint Thrust Pads



GN 347
Steel Swivel Hexagon Nuts, with Tapped Through Socket

Nuts

3.2



DIN 934
Steel, Zinc Plated, or Stainless Steel Hex Nuts



DIN 1804
Steel Slotted Spanner Nuts



SS Stainless Steel
DIN 1804
Stainless Steel Slotted Spanner Nuts



GN 1804.1
Steel Slotted Spanner Lock Nuts, with Polyamide Insert



GN 1804.2
Slotted Locknuts, with Threaded Locking



KM
Steel Bearing Lock Nuts



MB
Spring Steel Bearing Lock Washers



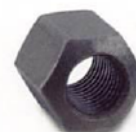
GN 706.3
Steel Threaded Set Collars



SS Stainless Steel
GN 706.3
Stainless Steel Threaded Set Collars



GN 444.2
Steel Eye Nuts



DIN 6330
Steel Fixture Nuts



SS Stainless Steel
DIN 6330
Stainless Steel Fixture Nuts, with Spherical End



DIN 6330
Steel Fixture Nuts, Old DIN Standard



DIN 6331
Steel Hexagon Collar Nuts



No. 6334
Steel Extension Nuts



CN
Steel Check Nuts



KN
Steel Knurled Fixture Nuts

Washers



DIN 9021B
Zinc Plated Steel Washers



GN 6341
Steel Washers



SS Stainless Steel
GN 6341
Stainless Steel Washers



SS Stainless Steel
GN 6343
Stainless Steel Washers / Leveling Disks



GN 6339
Steel Heavy Duty Washers, High Type



GN 6339
Steel Heavy Duty Washers, Low Type



GN 184
Steel Countersunk Washers



SS Stainless Steel
GN 184.5
Stainless Steel Countersunk Washers



SS Stainless Steel
GN 185
Stainless Steel Countersunk Washers, with Plastic Cover Disk



DIN 6340
Steel Heavy Duty Flat Washers



SS Stainless Steel
FWS
Steel or Stainless Steel Heavy Duty Flat Washers



GN 338
Steel Disks, with Cover Cap

Washers

Continued



DIN 6319
Steel Spherical Washers, Seat and Dished Type



SS Stainless Steel
DIN 6319
Stainless Steel Spherical Washers, Seat and Dished Type



SS Stainless Steel
TPSWS
Steel or Stainless Steel Two-Piece Spherical Washers



GN 6319.1
Steel Spherical Washers, Seat and Dished Combined Type



SS Stainless Steel
GN 6319.1
Stainless Steel Spherical Washers, Seat and Dished Combined Type



GN 350.3
Steel Spherical Leveling Washers



SS Stainless Steel
GN 350.3
Stainless Steel Spherical Leveling Washers



GN 6342
Steel Washers, with Axial Friction Bearing



SS Stainless Steel
GN 6342
Stainless Steel Washers, with Axial Friction Bearing



GN 6344
Washer Rings, with Axial Ball Bearing



GN 187.4
Sintered Steel Serrated Locking Plates



SS Stainless Steel
GN 187.4
Stainless Steel Serrated Locking Plates



GN 187.1
Steel Guide Housing



SS Stainless Steel
GN 187.1
Stainless Steel Guide Housing



SS Stainless Steel
GN 187.2
Stainless Steel Conical Thrust Springs



DIN 6371
Steel Captive C-Washers



SCW
Steel Swing C-Washers



GN 183
Steel C-Washers



HDCW
Steel Heavy Duty C-Washers

Positioning Elements / Clamping Pads



DIN 172
Steel Drill Bushings, with Collar



DIN 179
Steel Drill Bushings, without Collar



GN 172.1
Guide Bushings, with Collar and Conical Bore



GN 179.1
Steel Guide Bushings, without collar, with conical bore



GN 771.1
Steel Locating Pins



GN 230
Steel Tenon Nuts



DIN 6321
Steel Locating / Seating Pins



GN 6322
Steel Workholding Pins



GN 409.1
Steel Positioning Elements, with Threaded Stem



GN 409.2
Steel Positioning Elements, Tapped



GN 251
Steel Clamping Screws, with Hex Head, Hardened



GN 251
Steel Clamping Screws, with Polyurethane Disc



GN 251.2
Steel Stop Bolts, with Limit Switch



GN 6321.1
Steel Seating Pins



DIN 6320
Steel Jig Feet



DIN 6885
Steel Keys



SS Stainless Steel
DIN 6885
Stainless Steel Keys



GN 709.1
Steel Clamping Pads, with Threaded Stem



SS Stainless Steel
GN 709.15
Stainless Steel Clamping Pads, with Threaded Stem



GN 709.2
Steel Clamping Pads, with Tapped Body

Mounting, Positioning, Leveling with Screws, Clamping, and Supporting Elements

3.2

Positioning
Elements /
Clamping Pads

Continued



SS Stainless Steel
GN 709.25
Stainless Steel Clamping Pads, with Tapped Body



GN 709.3
Steel Clamping Pads, with Height Adjustment



SS Stainless Steel
GN 709.35
Stainless Steel Clamping Pads, with Height Adjustment



GN 709.6
Steel Clamping Pads, Adjustable



GN 709.7
Steel Clamping Pads, with O-Ring



GN 709.8
Steel Clamping Pads, Adjustable and with O-Ring

Leveling Sets



SS Stainless Steel
GN 350
Steel or Stainless Steel Leveling Sets, Long Model



SS Stainless Steel
GN 350.1
Steel or Stainless Steel Leveling Sets, Short Model



SS Stainless Steel
GN 350.2
Steel or Stainless Steel Leveling Sets, with Spherical Washer



SS Stainless Steel
GN 350.5
Steel or Stainless Steel Leveling Sets, with Spherical Washer and Locknut



GN 355
Steel Leveling Elements



SS Stainless Steel
GN 355
Stainless Steel Leveling Elements



GN 355.1
Steel Assembly Tools, for GN 355 Leveling Elements

Set Collars



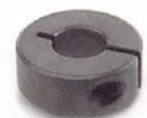
GN 705
Steel Set Collars, Zinc Plated



GN 705
Steel Set Collars, Blackened Finish



SS Stainless Steel
GN 705
Stainless Steel Set Collars



GN 706.2
Steel or Aluminum Semi-Split Set Collars



SS Stainless Steel
GN 706.2
Stainless Steel Semi-Split Set Collars



GN 707.2
Steel Aluminum Two-Piece Split Set Collars



SS Stainless Steel
GN 707.2
Stainless Steel Two-Piece Split Set Collars



EN 707.5
Plastic Split Set Collars



GN 706.4
Steel or Aluminum Split Set Collars, with Adjustable Hand Lever



SS Stainless Steel
GN 706.4
Stainless Steel Split Set Collars, with Adjustable Hand Lever



GN 704
Aluminum Quick Release Set Collars

Nuts / Bolts for T-Slots



DIN 508
Steel T-Slot Nuts



DIN 508
Steel T-Slot Nuts, without Threads



SS Stainless Steel
DIN 508
Stainless Steel T-Slot Nuts



SS Stainless Steel
DIN 508
Stainless Steel T-Slot Nuts, without Threads



No. 508R
Steel T-Slot Nuts, Semi-Finished



GN 508.2
Steel Slip Proof T-Nuts



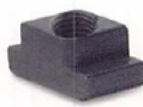
No. 508F
Steel T-Slot Nuts, with Spring



STN
Steel Standard T-Slot Nuts



No. 508L
Extended T-Slot Nuts



GN 508.1
Steel Rhombus T-Nuts



No. 510
Steel Rhombus T-Removable Nuts



No. 797
Steel Rhombus T-Slot Bolts

Mounting, Positioning, Leveling with Screws, Clamping, and Supporting Elements

3.2

Series beginning with the "EN" title represent **elera** Original Design Products





Nuts / Bolts for T-Slots

Continued



DIN 6379
Steel Double Ended Threaded Studs



DIN 787
Steel T-Slot Bolts



WN 787
Steel T-Slot Bolts



GN 505.4
Steel Serrated T-Slot Bolts, for Aluminum Extrusions



SS Stainless Steel
GN 505.5
Stainless Steel Serrated T-Slot Bolts, for Aluminum Extrusions



GN 505
Steel Serrated Quarter-Turn T-Nuts, for Aluminum Extrusions



GN 506
Steel Roll-In T-Nuts, for Aluminum Extrusions



GN 506.1
Steel T-Nuts, without Guide Step, for Aluminum Extrusions



SS Stainless Steel
GN 506.2
Stainless Steel T-Nuts, without Guide Step, for Aluminum Extrusions



GN 506.2
Steel T-Nuts, with Spring Washer, for Aluminum Extrusions



GN 507
Steel T-Nuts, for Aluminum Extrusions



GN 965
Steel T-Nut Assemblies, For 30/40 mm Aluminum T-Slot Profile Systems



GN 968
Steel T-Nut Assemblies, for 30/40/45 mm Aluminum T-Slot Profile Systems

Retaining Cables



GN 111
Nickel Plated Brass Ball Chains, with Two Key Rings



SS Stainless Steel
GN 111.5
Stainless Steel Ball Chains, with Two Key Rings



SS Stainless Steel
GN 111.3
Stainless Steel Key Rings



SS Stainless Steel
GN 111.2
Stainless Steel Retaining Cables, with One Key Ring and One Mounting Tab, or with Two Key Rings



SS Stainless Steel
GN 111.2
Stainless Steel Retaining Cables, with or without Two Mounting Tabs



GN 111.4
Plastic Spiral Retaining Cables, with Stainless Steel Connecting Rings



SS Stainless Steel
GN 111.6
Stainless Steel Retaining Rings



SS Stainless Steel
FR 100.2
Stainless Steel Flanged Receptables, for Rapid Release Pins



LY 100
Lanyards, for Rapid Release Pins



GN 1024
Steel Spring Cotter Pins



SS Stainless Steel
GN 1024
Stainless Steel Spring Cotter Pins

For complete technical information, CAD models and online buying, visit www.jwwinco.com



3.3 Hinging, Latching, Locking of Doors and Covers

Latches with/without Clamping Function
Hook-Type Latches
Latches with Indexing Function
Accessories
Hinges: Adjustable, Lockable, with Adjustable Friction, Detachable
Hinges with Electrical Switching Function
Edge Protection Profiles



Latches without Clamping Function



GN 115
Chrome Plated Latches,
Non Lockable with Locating Ring



GN 115
Zinc Die Cast Latches,
with Operating Elements and Black Locating Ring



GN 115
Chrome Plated Latches,
with Key and Locating Ring



GN 115
Zinc Die Cast Latches,
with Black Locating Ring and Operation with Key



GN 115
Chrome Plated Latches,
Operation with Key



GN 115
Black Plastic Coated Latches,
Operation with Key



SS Stainless Steel
GN 115
Stainless Steel Latches,
Operation with Key or Handle



SS Stainless Steel
GN 115
Stainless Steel Latches,
Operation with Key



SS Stainless Steel
GN 115
Stainless Steel Latches,
Lockable



SS Stainless Steel
GN 115
Stainless Steel Hygienic Latches



GN 115.1
Zinc Die Cast Mini-Latches,
Operation with Key



SS Stainless Steel
GN 115.6
Stainless Steel Mini-Latches,
Operation with Key

3.3

3.3 Hinging, Latching, Locking of Doors and Covers



EN 115.3
Plastic Door Latches, Non Lockable, Operation with Key or Handle



EN 115.5
Plastic Latches, for Snap-In Mounting, Operation with Key



GN 115.5
Dismantling Sheet Metal Plate



GN 217
Zinc Plated Steel Door Locking Mechanisms, Lockable or Non Lockable



GN 623.1
Latches, Lockable, with Handle



GN 115.7
Zinc Die Cast Door Handles, Non Lockable, with Latch Mechanism, Operation with Key



GN 115.10
Zinc Die Cast Latches, Non Lockable, with Gripping Tray, Operation with Key



GN 115.10
Zinc Die Cast Latches, Lockable, with Gripping Tray



EN 731.2
Latches, with Gripping Tray and Steel Key Bolt



SS Stainless Steel
EN 731.5
Latches, with Gripping Tray and Stainless Steel Key Bolt

Hinging, Latching, Locking of Doors and Covers

3.3

Latches with Clamping Function



GN 116.1
Zinc Die Cast Adjustable Door Locking Mechanisms, with Spring Loaded Latch



GN 516
Zinc Die Cast Compression Latches



SS Stainless Steel
GN 516.5
Stainless Steel Compression Latches



GN 516.1
Zinc Die Cast Compression Latches, with Continuously Adjustable Latch Distance



GN 117
Zinc Plated Steel Door Latching Mechanisms, with Cam



GN 119
Zinc Die Cast Door Latching Mechanisms, with Cam



SS Stainless Steel
GN 119
Stainless Steel Door Latching Mechanisms, with Cam



GN 218
Sintered Metal Cam Latches, Left or Right Hand Type

Series beginning with the "EN" title represent **elera** Original Design Products

Latches with Clamping Function

Continued



EN 118
Spring Loaded Door Latching Mechanisms, with Cam



EN 118.1
Guide Bushings, for Latches EN 118



GN 119.3
Door Latching Mechanisms, with Cabinet "U" Handles

Hook-Type Latches



GN 115.8
Zinc Die Cast Hook-Type Latches, Non Lockable, Operation with Various Components



GN 115.8
Zinc Die Cast Hook-Type Latches, Operation with Key



GN 115.8
Zinc Die Cast Hook-Type Latches, Lockable

Latches with Indexing Function



GN 315
Snap Locks, with Adjustable Locking Distance



GN 315.1
Snap Locks, with Fixed Locking Distance



EN 449
Spring-Bolt Door Latches



EN 932
Technopolymer Plastic Ledge Handles with Lock

3.3



EN 450
Plastic Ball Shaped Door Catches



EN 450.1
Plastic Spacers, for Ball Shaped Door Catches



GN 702
Zinc Die Cast Stop Locks, with Four Indexing Positions



GN 720
Zinc Die Cast Stop Locks

Accessories



GN 119.2
Keys for Latches



GN 123
Steel Sheet Metal Punches, for Door Locks



GN 120
Plastic Protective Caps, for Door Locks



GN 120.1
Handles for Opening Latches

Codes beginning with the "EN" title represent: **elera** Original Design Products

3.3 Hinging, Latching, Locking of Doors and Covers



GN 120.2
Protective Guide Plates,
for Latches GN 115 / GN
115.7 / GN 115.10

Hinges



GN 237
Zinc Die Cast Hinges, with
Countersunk Thru Holes or
Threaded Stud Type



SS Stainless
Steel
GN 237
Stainless Steel Hinges,
with Countersunk Thru
Holes or Threaded Stud
Type



SS Stainless
Steel
GN 237.2
Stainless Steel Plates, with
Tapped Holes



SS Stainless
Steel
GN 2370
**Stainless Steel Spacer
Plates,** for Hinges



GN 2374
Rubber Bumper Stops, for
Hinges



SS Stainless
Steel
GN 237
**Zinc Die Cast or
Stainless Steel Hinges** with
Extended Hinge Wing, with
Countersunk Thru Holes, or
Threaded Stud Type



GN 237.1
Plastic Hinges, with
Countersunk Thru Holes,
Socket Head Thru Holes,
Threaded Studs, or
Combination Types



GN 237.1
Plastic Cleanline Hinges,
with Countersunk Thru
Holes



GN 136
Steel Sheet Metal Hinges,
with Bores for Cylinder
Head Screws or
Countersunk Screws



SS Stainless
Steel
GN 136
**Stainless Steel Sheet
Metal Hinges,** with Bores
for Cylinder Head Screws or
Countersunk Screws



GN 138
Zinc Die Cast Hinges, with
2 x 2 Threaded Blind Holes



EN 154
Plastic Hinges, with Thru
Holes, Tapped or Threaded
Studs



EN 155
Plastic Hinges, with Thru
Holes, Tapped or Threaded
Studs



EN 157
**Technopolymer Plastic
Hinges,** with Counter-bored
Holes



EN 158
Plastic Hinges, with Thru
Holes, Tapped or Threaded
Studs



C
Plastic Hinges, with Thru
Holes, Tapped, or Threaded
Stud

Hinges

Continued



EN 151
Plastic Hinges, with Thru Holes, Tapped or Threaded Studs



EN 151.1
Plastic Hinges, 90° Swivelling Range, with Thru Holes, Tapped or Threaded Studs



EN 151.3
Technopolymer Plastic Hinges, with Countersunk Screw Mounting Holes and Cover Plates



EN 159
Plastic Hinges, Used with Profile Systems



EN 159.1
Plastic Double Rings, Used with Profile Systems



EN 161
Zinc Die Cast Hinges, Used with Aluminum Profiles



GN 129
Zinc-Plated Steel Hinges, Two-Part Lift-Off and Three-Part Solid



SS Stainless Steel
GN 129.5
Stainless Steel Hinges, Consisting of Three Parts



GN 129.2
Steel Hinges, Consisting of Three Parts



SS Stainless Steel
GN 129.2
Stainless Steel Hinges, Consisting of Three Parts



GN 129.3
Steel Hinges, Consisting of Three Parts

3.3

Hinges, Adjustable



GN 238
Zinc Die Cast Adjustable Alignment Hinges, with Cover Caps



GN 127
Zinc Die Cast Adjustable Hinges, with Alignment Bushings



EN 236
Plastic Adjustable Hinges, with Alignment Bushings



EN 151.4
Technopolymer Plastic Hinges, with Slotted Holes

Hinges, Lockable



EN 151.2
Plastic Lockable Hinges, with Countersunk Screw Holes



EN 222
Technopolymer Plastic Hinges, with Four Indexing Positions



EN 122.1
Plastic Hinges, with Indexing Positions



EN 122.2
Plastic Hinges, without Indexing Positions

Series beginning with the "EN" title represent **elera** Original Design Products

3.3 Hinging, Latching, Locking of Doors and Covers

Hinges with Adjustable Friction



GN 437
Zinc Die Cast Adjustable Friction Hinges



EN 233
Technopolymer Plastic Adjustable Friction Hinges



EN 233
Technopolymer Plastic Adjustable Friction Hinges, Cleanline

Hinges, Detachable



GN 337
Zinc Die Cast Lift-Off Hinges, with Countersunk Thru Holes



SS Stainless Steel
GN 337
Stainless Steel Lift-Off Hinges, with Countersunk Thru Holes



EN 337.1
Plastic Lift-Off Hinges, with Countersunk Thru Holes



GN 161.1
Zinc Die Cast Lift-Off Hinges, with Tapped Holes



GN 161.2
Zinc Die Cast Lift-Off Hinges, with Tapped Holes



EN 160
Technopolymer Plastic Lift-Off Hinges, with Eccentric Pin



EN 160.1
Zinc Die Cast Hinge, with Eccentric Pin



GN 128
Weldable Steel Hinges



GN 128.2
Weldable Aluminum Hinges



SS Stainless Steel
GN 128.2
Weldable Stainless Steel Hinges

Hinges with Electrical Switching Function



EN 239.3
Plastic Hinges, without Integrated Switch, for Use With Hinges EN 239.4 with Integrated Switch



EN 239.7
Plastic Hinges, without Safety Switch, for Use With Hinges EN 239.6 with Safety Switch



GN 139.2
Zinc Die Cast Hinges, without Safety Switches



SS Stainless Steel
GN 139.6
Stainless Steel Hinges, without Safety Switches

Hinges with Electrical Switching Function

Continued



GN 139.1
Zinc Die Cast Hinges, with Electrical Switching Function, Safety Switch, and Connector Cable



GN 139.1
Zinc Die Cast Hinges, with Electrical Switching Function, Safety Switch, and Connector Plug



GN 139.3
Zinc Die Cast Flat Mounting Plates, for Hinges GN 139.1 / GN 139.2



GN 139.4
Zinc Die Cast Angled Mounting Plates, for Hinges GN 139.1 / GN 139.2



SS Stainless Steel
GN 139.5
Stainless Steel Hinges, with Electrical Switching Function, Safety Switch, and Connector Cable



SS Stainless Steel
GN 139.5
Stainless Steel Hinges, with Safety Switch and Connector Plug



GN 239.6
Technopolymer Plastic Hinges, with Integrated Safety Switch and Connector Plug



GN 239.6
Technopolymer Plastic Hinges, with Integrated Safety Switch and Cable



EN 239.8
Technopolymer Plastic Flat Mounting Plates, for Hinges EN 239.6 / EN 239.7



EN 239.4
Plastic Hinges, with Integrated Switch and Connector Cable



EN 239.4
Plastic Hinges, with Integrated Switch and Connector Plug (M12 x 1)



GN 330
Cables, with Connector Coupling (M12 x 1), for Use With Handles GN 331 / GN 332 / EN 628.4 and Hinges GN 139.1 / EN 239.4

3.3

Edge Protection Profiles



GN 2180
Edge Protection Seal Profiles



GN 2182
Edge Protection Seal Profiles



GN 2184
Edge Protection Profiles

For complete technical information, CAD models and online buying, visit www.jwwinco.com

Series beginning with the "EN" title represent **elera** Original Design Products

3.3 Hinging, Latching, Locking of Doors and Covers



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Zinc Die Cast Latches, Lockable, GN 115.10 → Page 95
Zinc Die Cast Door Handles, Lockable, GN 115.7 → Page 95
Latches, Lockable, EN 731.2 → Page 95
Stainless Steel Latches, Lockable, EN 731.5 → Page 95







Series beginning with the "EN" title represent  Original Design Products

3.4 Installing, Lifting, Dampening with Leveling Feet, Lifting Gear and Rubber Elements

- Leveling Feet
- Lifting Eye Bolts / Lifting Eye Nuts
- Accessories
- Load Rings / Lifting Points
- Shackles
- Lifting Pins
- Vibration / Shock Absorption Mounts



Leveling Feet

 <p>SS Stainless Steel GN 20 Stainless Steel Leveling Feet, Hygienic Design, with Mounting Holes</p>	 <p>SS Stainless Steel GN 20 Stainless Steel Leveling Feet, Hygienic Design, without Mounting Holes</p>	 <p>GN 7600 Sealing Rings, Hygienic Design</p>	 <p>SS Stainless Steel GN 1580 Stainless Steel Nuts, Hygienic Design</p>
 <p>SS Stainless Steel GN 1580 Stainless Steel Screws, Hygienic Design</p>	 <p>LPSO "LEVEL-IT" Leveling Mounts, Steel Tapped Socket Type</p>	 <p>LPST "LEVEL-IT" Leveling Mounts, Steel Threaded Stud Type</p>	 <p>SS Stainless Steel LPSO "LEVEL-IT" Leveling Mounts, Stainless Steel Tapped Socket Type</p>
 <p>SS Stainless Steel LPST "LEVEL-IT" Leveling Mounts, Stainless Steel Threaded Stud Type</p>	 <p>MLPSO "LEVEL-IT" Leveling Mounts, Steel Tapped Socket Type</p>	 <p>MLPST "LEVEL-IT" Leveling Mounts, Steel Threaded Stud Type</p>	 <p>SS Stainless Steel MLPSO "LEVEL-IT" Leveling Mounts, Stainless Steel Tapped Socket Type</p>

3.4



SS Stainless Steel
MLPST
"LEVEL-IT™" Leveling Mounts, Stainless Steel Threaded Stud Type



GN 343.1
Tapped Type Steel Base Leveling Mounts, with or without Plastic Rubber Cup



GN 343.2
Stud Type Steel Base Leveling Mounts, with or without Plastic Rubber Cup



SS Stainless Steel
GN 343.5
Tapped Type Stainless Steel Base Leveling Mounts, with or without Plastic Rubber Cup



SS Stainless Steel
GN 343.6
Stud Type Stainless Steel Base Leveling Mounts, with or without Plastic Rubber Cup



TNSM
Steel Snap-Lock™ Non-Skid Leveling Mounts, Tapped Socket Type



SNSM
Steel Snap-Lock™ Non-Skid Leveling Mounts, Threaded Stud Type



SS Stainless Steel
TNSM
Stainless Steel Snap-Lock™ Non-Skid Leveling Mounts, Tapped Socket Type



SS Stainless Steel
SNSM
Stainless Steel Snap-Lock™ Non-Skid Leveling Mounts, Threaded Stud Type



GN 342.1
Steel Leveling Feet, Tapped Type with Vibration Dampening Pad



GN 342.2
Steel Leveling Feet, Threaded Stud Type with Vibration Dampening Pad



AVLM
"ANTI-VIBE™" Anti-Vibration Leveling Mounts, Tapped Socket Type



AVM
"ANTI-VIBE™" Anti-Vibration Leveling Mounts, Threaded Stud Type



MAVLM
"ANTI-VIBE™" Anti-Vibration Leveling Mounts, Tapped Socket Type



MAVM
"ANTI-VIBE™" Anti-Vibration Leveling Mounts, Threaded Stud Type



LP 100
Zinc Plated Steel Low Profile Leveling Mounts, Threaded Stud Type



SS Stainless Steel
LP 100.1
Stainless Steel Low Profile Leveling Mounts, Threaded Stud Type



GN 6311.4
Steel Leveling Feet, with or without Plastic Base Cap



GN 40
Steel Leveling Feet, Threaded Stud or Tapped, Plain or with Plastic Cup or Rubber Pad



SS Stainless Steel
GN 42
Steel Leveling Feet with Fixing Lug, Threaded Stud or Tapped, Plain Base or with Plastic Cup or Rubber Pad

Leveling Feet

Continued



SS Stainless Steel
GN 41
Stainless Steel Leveling Feet, Threaded Stud or Tapped, Plain or with Plastic Cup or Rubber Pad, Multiple Versions



SS Stainless Steel
GN 41
Stainless Steel Leveling Feet, Threaded Stud or Tapped, Plain or with Plastic Cup or Rubber Pad, Multiple Versions



SS Stainless Steel
GN 43
Stainless Steel Leveling Feet with Fixing Lug, Threaded Stud, Plain or with Plastic Cup or Rubber Pad, Multiple Versions



SS Stainless Steel
GN 43
Stainless Steel Leveling Feet with Fixing Lug, Threaded Stud or Tapped, Plain or with Plastic Cup or Rubber Pad, Multiple Versions



GN 30
Steel Leveling Mounts, with Tapped Socket or Threaded Stud and Rubber Pad



SS Stainless Steel
GN 31
Stainless Steel Leveling Feet, with Rubber Inlay / for Sanitary Applications, Multiple Versions



SS Stainless Steel
GN 31
Stainless Steel Leveling Feet, with Rubber Inlay / for Sanitary Applications, Multiple Versions



GN 32
Steel Leveling Mounts, with Threaded Stud, Lag Bolt and Rubber Pad



SS Stainless Steel
GN 33
Stainless Steel Leveling Mounts, with Lag Bolt Lug and Rubber Pad Inlay, Multiple Versions



SS Stainless Steel
GN 33
Stainless Steel Leveling Mounts, with Lag Bolt Lug and Rubber Pad Inlay, Multiple Versions



SS Stainless Steel
GN 21
Stainless Steel Leveling Feet, with Turned Base, without Mounting Bores, Multiple Versions



SS Stainless Steel
GN 23
Stainless Steel Leveling Feet, with Turned Base and Mounting Bores, Multiple Versions



GN 638
Steel Grub Screw and Plastic Thrust Pad Assemblies



SS Stainless Steel
GN 638
Stainless Steel Grub Screws, with Plastic or Stainless Steel Thrust Pad Assemblies



GN 343.3
Steel Tapped Type Technopolymer Plastic Base Leveling Mounts, with or without Rubber Pad



GN 343.4
Steel Stud Type Technopolymer Plastic Base Leveling Mounts, with or without Rubber Pad



SS Stainless Steel
GN 343.7
Stainless Steel Tapped Type Technopolymer Plastic Base Leveling Mounts, with or without Rubber Pad



SS Stainless Steel
GN 343.8
Stainless Steel Stud Type Technopolymer Plastic Base Leveling Mounts, with or without Rubber Pad



PM 200
Steel PolyMount™ Leveling Mounts, Threaded Stud Type



WN 9000
Steel Tapped Type "NY-LEV®" Nylon Base Leveling Mounts, with Lag Bolt Holes



WN 9000
Steel Stud Type
"NY-LEV®" Nylon Base
Leveling Mounts, with Lag
Bolt Holes



SS Stainless Steel
WN 9000.1
Stainless Steel Tapped
Type "NY-LEV®" Nylon
Base Leveling Mounts,
with Lag Bolt Holes



SS Stainless Steel
WN 9000.1
Stainless Steel Stud Type
"NY-LEV®" Nylon Base
Leveling Mounts, with Lag
Bolt Holes



WN 9100
Steel Tapped Type
"NY-LEV®" Nylon Base
Leveling Mounts, without
Lag Bolt Holes



WN 91000
Steel Stud Type
"NY-LEV®" Nylon Base
Leveling Mounts, without
Lag Bolt Holes



SS Stainless Steel
WN 9100.1
Stainless Steel Tapped
Type "NY-LEV®" Base
Leveling Mounts, without
Lag Bolt Holes



SS Stainless Steel
WN 9100.1
Stainless Steel Stud Type
"NY-LEV®" Nylon Base
Leveling Mounts, without
Lag Bolt Holes



PM 500
Steel PolyMount™
Leveling Mounts, Tapped
Type



PM 500
Steel PolyMount™
Leveling Mounts, Threaded
Stud Type



SS Stainless Steel
PM 500.1
Stainless Steel
PolyMount™ Leveling
Mounts, Tapped Type



SS Stainless Steel
PM 500.1
Stainless Steel
PolyMount™ Leveling
Mounts, Threaded Stud
Type



PM 600
Steel Teardrop
PolyMount™ Leveling
Mounts, Threaded Stud
Type



SS Stainless Steel
PM 600.1
Stainless Steel Teardrop
PolyMount™ Leveling
Mounts, Threaded Stud
Type



EN 244
Steel Stud Type
Technopolymer Plastic
Base Leveling Mounts, with
or without Rubber Pad



GN 839
Steel Leveling Feet, Plastic
Base and Threaded Stud



SS Stainless Steel
GN 839.5
Stainless Steel Leveling
Feet, Plastic Base and
Threaded Stud



GN 339
Steel Leveling Mounts,
with Gliding or Non-Skid
Plastic Pad



SS Stainless Steel
GN 339
Stainless Steel Leveling
Mounts, with Gliding or
Non-Skid Plastic Pad



IIG
Steel Glide-Rite™
Industrial Glides, Threaded
Stud Type with Nylon Pad



IIG-EL
Steel Glide-Rite™
Industrial Glides, Threaded
Stud with Elastomer Pad

Leveling Feet

Continued



MIG
Steel Glide-Rite™
Industrial Glides, Threaded
Stud Type with Nylon Pad



MIG-EL
Steel Glide-Rite™
Industrial Glides, Threaded
Stud Type with Elastomer
Pad



SN 946
Steel Willi Glide Leveling
Mounts, Threaded Stud
Type with Elastomer Pad



SN 974
Steel Rattle Mounts,
Threaded Stud with Optional
Slot



SN 949
Steel Hex Leveler Bolts,
Threaded Stud



EN 248
Steel Stud Type Leveling
Feet, with Vibration
Dampening Pad



MM 110
"Mighty Mount™" Heavy
Duty Vibration Mounts,
Threaded Stud Type



GN 148
Threaded Insert Type
Leveling Feet, with
Vibration Dampening Pad



GN 148.2
Rubber Pads, for GN 148
Leveling Feet

3.4

Accessories



GN 349
Steel Threaded Mounting
Plates, for Leveling Mounts



GN 992
Aluminum Threaded Tube
Inserts, Round or Square
Type



SS Stainless Steel
GN 992.5
Stainless Steel Threaded
Tube Inserts, Round or
Square Types



EN 348
Plastic Threaded Tube
Ends, Square Fit Type with
Press-Fit Insert



EN 458
Plastic Threaded Tube
Ends, Round Type with
Molded-In Insert



EN 448S
Plastic Threaded Tube
Ends, Square Type with
Molded-In Insert



EN 448R
Plastic Threaded Tube
Ends, Round Type with
Molded-In Insert



SN 992
Polyglass Filled Nylon
Threaded Tube Ends, for
Square Tubes

Series beginning with the "EN" title represent **elesa** Original Design Products



SN 993
Polyglass Filled Nylon
Threaded Tube Ends, for
Round Tubes

Lifting Eye
Bolts / Lifting
Eye Nuts



DIN 580
Steel Lifting Eye Bolts



SS Stainless Steel
DIN 580
A2 Stainless Steel Lifting
Eye Bolts



SS Stainless Steel
DIN 580
A4 Stainless Steel Lifting
Eye Bolts



WN 580
Steel Lifting Eye Bolts



DIN 582
Steel Lifting Eyes



SS Stainless Steel
DIN 582
A2 Stainless Steel Lifting
Eyes



SS Stainless Steel
DIN 582
A4 Stainless Steel Lifting
Eye Bolts



WN 583
Steel Lifting Eye Nuts



GN 581
Steel Safety Swivel Lifting
Eye Bolts



SS Stainless Steel
GN 581.5
Stainless Steel Safety
Swivel Lifting Eye Bolts



GN 583
Steel Safety Swivel Lifting
Eye Nuts



GN 5860
Steel Safety Swivel Load
Rings

Load Rings /
Lifting Pins



GN 586
Steel Safety Swivel Load
Rings



GN 587
Steel Weldable Load Rings



GN 589
Steel Weldable Lifting
Points



GN 588
Steel Thread Adapters,
for Safety Swivel GN 581,
Lifting Eye Bolts, and GN
586 Load Rings

Shackles



GN 584
Steel D Shackles



GN 585
Steel Bow Shackles

Lifting Pins



GN 1130
Steel Lifting Pins



SS Stainless Steel
GN 1130
Stainless Steel Lifting Pins



GN 1132
Stainless Steel Holding Bushings, for GN 1130 Lifting Pins

Vibration / Shock Absorption Mounts



GN 351.1
Vibration Isolation Mounts, Cylindrical Type with Steel Components



GN 351.2
Vibration Isolation Mounts, Cylindrical Type with Steel Components



GN 351.3
Vibration Isolation Mounts, Cylindrical Type with Steel Components



GN 351
Vibration Isolation Mounts, Cylindrical Type with Steel Components



SS Stainless Steel
GN 451.1
Vibration Isolation Mounts, Cylindrical Type with Stainless Steel Components



SS Stainless Steel
GN 451.2
Vibration Isolation Mounts, Cylindrical Type with Stainless Steel Components



SS Stainless Steel
GN 451.3
Vibration Isolation Mounts, Cylindrical Type with Stainless Steel Components



SS Stainless Steel
GN 451
Vibration Isolation Mounts, Cylindrical Type with Stainless Steel Components



SS Stainless Steel
GN 352.1
Vibration / Shock Absorption Mounts, Cylindrical Type with Steel Components



SS Stainless Steel
GN 352.2
Vibration / Shock Absorption Mounts, Cylindrical Type with Steel Components



GN 352
Vibration / Shock Absorption Mounts, Cylindrical Type with Steel Components



GN 452.1
Vibration / Shock Absorption Mounts, Cylindrical Type with Steel Components



SS Stainless Steel
GN 452.2
Vibration / Shock Absorption Mounts,
 Cylindrical Type with Stainless Steel Components



SS Stainless Steel
GN 452
Vibration / Shock Absorption Mounts,
 Cylindrical Type with Stainless Steel Components



GN 353.1
Vibration / Shock Absorption Mounts,
 Conical Type with Steel Components



GN 353.2
Vibration / Shock Absorption Mounts,
 Conical Type with Steel Components



GN 353
Vibration / Shock Absorption Mounts,
 Conical Type with Steel Components



SS Stainless Steel
GN 453.1
Vibration / Shock Absorption Mounts,
 Conical Type with Stainless Steel Components



SS Stainless Steel
GN 453.2
Vibration / Shock Absorption Mounts,
 Conical Type with Stainless Steel Components



SS Stainless Steel
GN 453
Vibration / Shock Absorption Mounts,
 Conical Type with Stainless Steel Components



SS Stainless Steel
GN 454
Rubber Buffers, with Stainless Steel Retaining Washer



GN 253
Vibration / Shock Absorption Mounts,
 Conical Type with Flat End, with Steel Components, Tapped Hole



GN 253
Vibration / Shock Absorption Mounts,
 Conical Type with Flat End, with Steel Components, Threaded Stud



SS Stainless Steel
GN 254
Vibration / Shock Absorption Mounts,
 Conical Type with Flat End, with Stainless Steel Components, Tapped Hole



SS Stainless Steel
GN 254
Vibration / Shock Absorption Mounts,
 Conical Type with Flat End, with Stainless Steel Components, Threaded Stud



SS Stainless Steel
GN 256
Silicone Buffers, Conical Type with Flat End, with Stainless Steel Components, Tapped Hole



SS Stainless Steel
GN 256
Silicone Buffers, Conical Type with Flat End, with Stainless Steel Components, Threaded Stud



GN 806
Protective Caps, for Hex Cap Screws or with Hex Tapped Insert

For complete technical information, CAD models and online buying, visit www.jwwinco.com

3.5 Controlling, Venting, Sealing of Liquids and Gases

- Oil Sight Glasses
- Oil Level Indicators
- Threaded Plugs / Sealing Plugs
- Oil Drain Valves
- Breather Filters / Breather Valves
- Accessories
- O-Rings and Seals



Oil Sight Glasses



GN 743
Aluminum Fluid Level Sight Glasses, with Natural Glass and Resistant up to 212° F (100° C)



GN 743
Aluminum Fluid Level Sight Glasses, Black Anodized, with ESG Glass and Resistant up to 356° F (180° C)



GN 743.1
Aluminum Fluid Level Sight Glasses, with ESG Glass and Resistant up to 356° F (180° C)



GN 743.1
Aluminum Fluid Level Sight Glasses, Black Anodized, with ESG Glass and Resistant up to 356° F (180° C)



GN 743.2
Brass Fluid Level Sight Glasses, with Natural Glass, Resistant up to 212 degrees F (100 Degrees C)



GN 743.3
Brass Fluid Level Sight Glasses, with ESG Glass, Resistant up to 356° F (180° C)



SS Stainless Steel
GN 743.4
Stainless Steel Fluid Level Sight Glasses, with Natural Glass, Resistant up to 212 degrees F (100 degrees C)



SS Stainless Steel
GN 743.5
Stainless Steel Fluid Level Sight Glasses, with ESG Glass Resistant up to 356° F (180° C)



GN 743.6
Aluminum / ESG Glass Fluid Level Sight Glasses, ATEX Explosion Protection



GN 743.7
Brass Fluid Level Sight Glasses, with Natural Glass and, BSPT, or NPT Threads



GN 743.8
Brass Fluid Level Sight Glasses, with ESG Glass and BSPT, or NPT Threads



GN 744
Aluminum Fluid Level Sight Glasses, with Prismatic Reflector

3.5

3.5 Controlling, Venting, Sealing of Liquids and Gases



TLT
Plastic Oil Level Sight Glasses, with Synthetic Rubber Gasket Seal



EN 541
Crystal-Clear Plastic Fluid Level Sight Glasses, with or without Reflector



EN 541.2
Plastic Prismatic Fluid Level Sight Glasses, with sealing Ring



GN 541.3
Crystal Clear Plastic Prismatic Oil Level Sight Glasses, with recessed Sealing Ring



EN 546
Technopolymer Plastic Dome-Shaped Fluid Level Sight Glasses, Resistant up to 212° F (100° C)



EN 546.1
Technopolymer Plastic Dome-Shaped Fluid Level Sight Glasses, Resistant up to 212° F (100° C)



EN 543.2
Plastic Fluid Level Sight Glasses, with and without Contrast Screen



EN 543.3
Plastic Fluid Level Sight Glasses, with Prismatic Reflector



EN 543.4
Plastic Fluid Level Sight Glasses, with Prismatic Reflector and Resistant up to 284° F (140° C)



EN 542
Plastic Fluid Level Sight Glasses, Press-Fit



EN 545.2
Plastic Fluid Level Sight Glasses, Press-Fit



GN 537
Aluminum Fluid Level Sight Glasses, with Limit Indicator



GN 537.1
Pin Keys, for Installation of GN 537



EN 546.6
Dome Shaped Plastic Fluid Level Sight Glasses, ATEX Explosion Protection



EN 543.6
Plastic Fluid Level Sight Glasses, with and without Contrast Screen, ATEX Explosion Protection

Controlling, Venting, Sealing of Liquids and Gases

3.5

Oil Level Indicators



EN 650
Plastic Column Fluid Level Indicators, Alcohol Resistant



EN 650
Plastic Column Fluid Level Indicators



EN 650.1
Plastic Column Level Indicators



EN 650.2
Fluid Level Indicators, with Protective Housing

Series beginning with the "EN" #1's represent **elera** Original Design Products

Oil Level Indicators

Continued



EN 650.4
Plastic Narrow Shape Fluid Level Indicators



EN 650.3
Oil Level Indicators, with Electrical Oil Leveling Monitoring



EN 650.6
Oil Level Indicators, with Electrical Temperature Monitoring



EN 652
Oil Level Indicators, MIN Level and MAX Temperature



EN 650.5
Plastic Fluid Level Indicators, with Electrical Oil Level and Temperature Monitoring



EN 650.8
Plastic Fluid Level Indicators, with Temperature Sensor



EN 654
Fluid Level Indicators



EN 654.1
Plastic Fluid Level Indicators, with High Chemical Resistance



EN 654.2
Assembly Sets, for Electrical Oil Level Control



EN 651
Plastic Oil Level Indicators, Long Version



EN 848
Plastic Float Switches, for Liquid Level Monitoring

Threaded Plugs/ Sealing Plugs

3.5



EN 745
Plastic Oil Plugs, with Flat NBR Seal



EN 745.2
Plastic Oil Plugs, with O-Ring



EN 745.1
Aluminum Plain Label Disks, for Oil Plugs



EN 747.1
Aluminum Label Disks, with Refill Symbol



EN 740.1
Aluminum Label Disks, with Drain Symbol



EN 745.6
Plastic ATEX-Threaded Plugs



EN 740
Red Plastic Oil Drain Plugs, with "DIN" Drain Symbol



EN 747
Plastic Oil Fill Plugs, with or without Dipstick

Swiss engineering with the "EN" title represent **elesa** Original Design Products

3.5 Controlling, Venting, Sealing of Liquids and Gases



GN 741
Aluminum Fill / Drain
Plugs, with "DIN" Fill and
Drain Symbols and NBR
Seal



GN 741
Aluminum Threaded Plugs,
with and without Symbols
and Resistant up to 212° F
(100° C), Black Anodized



GN 742
Aluminum Fill / Drain
Plugs, with "DIN" Fill and
Drain Symbols, Viton Seal



GN 742
Threaded Plugs, with and
without Symbols, Viton Seal,
Aluminum and Resistant up
to 356° F (180° C), Black
Adonized



GN 738
Aluminum Magnetic
Threaded Plugs, with NBR
Seal



GN 738
Aluminum Magnetic
Threaded Plugs, NBR
Sealing and Resistant up
to 212° F (100° C), Black
Adonized



GN 738.1
Aluminum Magnetic
Threaded Plugs, with Viton
Seal



GN 738.1
Aluminum Magnetic Plugs,
Viton Sealing and Resistant
up to 356° F (180° C), Black
Adonized



EN 554
Aluminum Magnetic Plugs



GN 749
Steel Threaded Pipe Plugs,
Zinc Plated with NBR
Synthetic Rubber Seal



DIN 906
Steel Threaded Plugs, with
Tapered Thread



SS Stainless
Steel
DIN 906
Stainless Steel Threaded
Plugs, with Tapered Thread



DIN 908
Steel Zinc Plated
Threaded Pipe Plugs, with
or without Copper or
Aluminum Sealing Washers



DIN 7603
Copper or Aluminum
Sealing Washers, for Use
With DIN 908 Threaded
Plugs



EN 746
Technopolymer Plastic
Hexagon Socket
Threaded Pipe Plugs, with
NBR Synthetic Rubber Seal



GN 441
Aluminum Threaded Plugs,
with Finger Grip and NBR
Seal



GN 442
Aluminum Threaded Plugs,
with Finger Grip and Viton
Seal



EN 548.2
Plastic Plugs



EN 548.1
Plastic Oil Plugs, with or
without Dipstick



TAO / TCA
Nylon Plastic Oil Plugs,
with Dipstick

Controlling, Venting, Sealing of Liquids and Gases

3.5

Series beginning with the "EN" title represent **elera** Original Design Products.

Threaded
Plugs/ Sealing
Plugs

Continued



EN 556
Breather Caps, with Open / Close Breather / Ventilation Function



EN 748
Push-Fit Plastic Oil Plugs, with or without Dipstick

Oil Drain Valves



GN 880.1
Connector Pieces, for GN 880 Oil Drain Valves



GN 880.1
Connector Pieces, for GN 880 Oil Drain Valves



GN 880
Steel or Brass Oil Drain Valves

Breather Filters
/ Breather
Valves



EN 552
Plastic Filler Breathers, with or without Splash Guard



EN 552.6
Plastic Filler Breather Caps, with or without Dipstick, ATEX Explosion Protection



EN 552.1
Plastic Filler Breathers, with Sealing Washer



EN 663
Filler Breathers, with or without Splash Guard and Dipstick



EN 774
Plastic Filler Breathers, with or without Dipstick



EN 774.1
Plastic Filler Breather Caps, with Membrane



TA1-2
Plastic Oil Plug, with Breather



TA3-7
Plastic Filler Breathers



EN 775
Plastic Filler Breather Caps, Vandalism Proof



EN 764
Steel, Chrome Plated, Filler Breather Caps, with Filter and Double Valve



GN 881
Brass Breather Valves



GN 883
Brass Breather Valves

Series beginning with the "EN" title represent **elera** Original Design Products.

3.5 Controlling, Venting, Sealing of Liquids and Gases



GN 882
Brass Breather Filters



GN 884
Brass Breather Filters



GN 7403
Aluminum Breather Strainers, with Stainless Steel Mesh



SS Stainless Steel
GN 7403
Stainless Steel Breather Strainers, with Stainless Steel Mesh



SS Stainless Steel
GN 7405
Stainless Steel Strainer Fittings



SS Stainless Steel
GN 7403.1
Stainless Steel Strainers



GN 543.1
Brass Thin Hex Nuts, for Oil Level Sight Glasses



GN 7490
Steel Weld Bushings, with or without Collar

Accessories

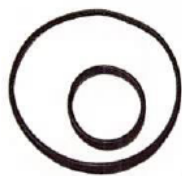


EN 664.1
Side Installation Filler Strainer Units, with or without Bayonet



EN 664
Vertical Installation Filler Strainer Units, with or without Bayonet

O-Rings and Seals



OR 638
Nitrile-Butadiene-Rubber O-Rings



V-Rings
Metric V-Rings



Oil Seals
Metric Oil Seals, with or without Dust Lip

For complete technical information, CAD models and online buying, visit www.jwwinco.com

3.6 Moving, Transferring, Connecting with Shafts and Joints

- Universal Joints
- Universal Joint Shafts
- Rod Ends
- Fork Joints / Fork Heads
- Angled Ball Joints
- Ball Joints
- Quick-Fit Couplings



Universal Joints



DIN 808
Steel Universal Joints, with Friction Bearing, Single or Double Jointed



SS Stainless Steel
DIN 808
Stainless Steel Universal Joints, with Friction Bearing, Single or Double Jointed



DIN 808
Steel Universal Joints, with Needle Bearing, Single or Double Jointed



GN 9080
Steel Universal Joints, Light duty, Friction Bearing, Single or Double Jointed



GN 808.1
Neoprene Rubber or Elastomer Plastic Bellows, for Universal Joints

Universal Joint Shafts



GN 808.2
Steel Universal Joint Shafts, with Friction Bearing



GN 808.3
Steel Universal Joint Shafts, with Needle Bearing

3.6

3.6 Moving, Transferring, Connecting with Shafts and Joints

Rod Ends



GN 648.1 / GN 648.2
Steel Rod End Bearings,
Tapped Type or Threaded
Stem



WN 648
**Steel Self-Lubricating Rod
End Bearings,** with
Threaded Stem



WN 648
**Steel Self-Lubricating Rod
End Bearings,** Tapped Type



SS Stainless
Steel
GN 648.5 / GN 648.6
**Stainless Steel Rod End
Bearings,** Tapped Type or
Threaded Stem



GXSW
**Steel Spherical Plain Bear-
ings,** Series "K"



SS Stainless
Steel
GLRSW
**Stainless Steel Spherical
Plain Bearings,** Series "K"

Fork Joints / Fork Heads



GN 751
Steel Clevis Fork Joints,
with Circlip or Snap-On
Securing Collar



DIN 71752
Steel Clevis Fork Joints,
Plain Fork Type



SS Stainless
Steel
GN 751
**Stainless Steel Clevis Fork
Joints,** with Safety Retain-
ing Ring



SS Stainless
Steel
DIN 71752
**Stainless Steel Clevis Fork
Joint,** Plain Fork Joint



WN 751
Steel Clevis Fork Joints,
with Snap-On Spring Pin



SS Stainless
Steel
WN 751
**Stainless Steel Clevis Fork
Joints,** with Safety
Retaining Ring



GN 751
**Aluminum Clevis Fork
Joints,** with Pin and Safety
Retaining Clip



DIN 71752
**Aluminum Clevis Fork
Joints,** without Pin



GN 751.1
Fork Joints, with Revolving
Pin



GN 752
Steel Joint Pieces, Used
with Fork Heads DIN 71752
and Fork Joints GN 751



SS Stainless
Steel
GN 752
**Stainless Steel Joint
Pieces,** Use with Fork
Heads DIN 71752 and Fork
Joints GN 751

Angled Ball Joints



DIN 71802
Angled Ball Joints, with Threaded Ball Shank



DIN 71802
Angled Ball Joints, with Rivet Ball Shank



SS Stainless Steel
DIN 71802
Stainless Steel Angled Ball Joints, with Threaded Ball Shank



GN 710
Dust Caps, for Angled Ball Joints DIN 71802

Ball Joints



GN 782
Steel Axial Ball Joints, with Tapped Holes or Threaded Studs for Mounting



GN 784
Aluminum Mounting Clamps, with Swivel Ball Joint



SS Stainless Steel
GN 784.1
Stainless Steel Flanges, for GN 784 Mounting Clamps with Swivel Ball Joint

Quick-Fit Couplings



GN 240
Steel Quick-Fit Couplings, with Radial Off-Set Compensation



GN 240.1
Steel Quick-Fit Couplings, with Radial Off-Set Compensation



GN 240.2
Steel Quick-Fit Couplings, with Angle- and Radial Off-Set Compensation

For complete technical information, CAD models and online buying, visit www.jwwinco.com



Steel Universal Joints, with Friction Bearing DIN 808 → Page 116
Stainless Steel Universal Joints, with Friction Bearing DIN 808 → Page 116
Steel Universal Joints, with Needle Bearing DIN 808 → Page 116
Steel Light duty Universal Joints, with Friction Bearing GN 9080 → Page 116
Neoprene Rubber or Elastomer Plastic Bellows, for Universal Joints GN 808.1 → Page 116

3.7 Connecting, Assembling with Clamping and Connecting Elements

- Tube Clamp Connectors
- Conveyor Clamps, Knobs & Block Accessories
- Conveyor Brackets, Mounts & Bases
- Tube Expander Fittings
- Flange and Pillow Block Bearings
- Clamp Mountings (Aluminum)
- Other Connecting Elements
- Tubes / Rods



Tube Clamp Connectors



GN 131
Aluminum Two-Way
Connector Clamps



SS Stainless Steel
GN 131
Stainless Steel Two-Way
Connector Clamps



GN 132
Aluminum Two-Way
Connector Clamps



SS Stainless Steel
GN 132.5
Stainless Steel Two-Way
Connector Clamps



GN 133
Aluminum Two-Way
Connector Clamps



GN 134
Aluminum Split
Assembly Two-Way
Connector Clamps, with
Round or Square Bore



GN 135
Aluminum Multi-Part
Assembly Two-Way
Connector Clamps, with
Unequal Bore Dimensions



GN 141
Aluminum Multi-Part
Assembly Flanger
Two-Way Connector
Clamps, with Round or
Square Bore



GN 145
Aluminum Flanged
Connector Clamps



SS Stainless Steel
GN 145
Stainless Steel Flanged
Connector Clamps



GN 146
Aluminum Flanged
Connector Clamps



GN 146.3
Aluminum Flanged
Connector Clamps

3.7 Connecting, Assembling with Clamping and Connecting Elements



SS Stainless Steel
GN 146.5
Stainless Steel Flanged Connector Clamps, with Four Mounting Holes



SS Stainless Steel
GN 146.6
Stainless Steel Flanged Connector Clamps, with Two Mounting Holes



GN 147
Aluminum Split Assembly Flanged Connector Clamps, with Round or Square Bore



GN 162
Aluminum Base Plate Connector Clamps



SS Stainless Steel
GN 162
Stainless Steel Base Plate Connector Clamps



GN 162.3
Aluminum Base Plate Connector Clamps



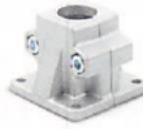
SS Stainless Steel
GN 162.3
Stainless Steel Base Plate Connector Clamps



GN 163
Aluminum Base Plate Connector Clamps



SS Stainless Steel
GN 163.5
Stainless Steel Base Plate Connector Clamps



GN 165
Aluminum Base Plate Connector Clamps



GN 166
Aluminum Off-Set Base Plate Connector Clamps



GN 167
Aluminum Split Assembly Wide Base Plate Connector Clamps



GN 171
Aluminum Split Assembly Flanged Base Plate Connector Clamps



GN 191
Aluminum T-Angle Connector Clamps



SS Stainless Steel
GN 191
Stainless Steel T-Angle Connector Clamps



GN 192
Aluminum T-Angle Connector Clamps



SS Stainless Steel
GN 192.5
Stainless Steel T-Angle Connector Clamps



GN 193
Aluminum Split Assembly T-Angle Connector Clamps



GN 194
Aluminum Multi-Part Assembly T-Angle Connector Clamps



GN 195
Aluminum Multi-Part Assembly T-Angle Connector Clamps

Tube Clamp
Connectors

Continued



GN 196
Aluminum Angle
Connector Clamps



GN 231
Aluminum Split Assembly
Tube Supports



GN 241
Aluminum Split Assembly
Tube Connector Joints



GN 242
Aluminum Tube
Connectors



GN 271
Aluminum Swivel Clamp
Connector Bases



GN 272
Aluminum Swivel Clamp
Connector Bases



GN 273
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 274
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 275
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 276
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 277
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 278
Aluminum Swivel Clamp
Connectors, Round Bore
Type



GN 279
Aluminum Split Assembly
Swivel Clamp Connectors,
Round Bore Type



GN 281
Aluminum Swivel Clamp
Connector Joints



GN 282
Aluminum Swivel Clamp
Connector Joints



GN 283
Aluminum Swivel Clamp
Connector Joints



GN 284
Aluminum Swivel Clamp
Connector Joints



GN 285
Aluminum Swivel Clamp
Connector Joints



GN 286
Aluminum Swivel Clamp
Connector Joints



GN 287
Aluminum Swivel Clamp
Connector Joints

3.7

3.7 Connecting, Assembling with Clamping and Connecting Elements



GN 288
Aluminum Swivel
Clamp Connector Joints



GN 289
Aluminum Split Assembly
Swivel Clamp Connector
Joints



GN 271.4
Aluminum Sensor Holders



GN 272.4
Aluminum Sensor Holders



GN 273.4
Aluminum Sensor Holders



GN 911
Adjustable Clamping Lever
Kits



SS Stainless
Steel
GN 911.3
Stainless Steel Adjustable
Lever Clamping Kits, for
Connector Clamps

Conveyor Clamps, Knobs & Block Accessories



WN 600
Plastic Cross Blocks, for
Square or Round Tubes,
with or without Adjustable
Levers



AN 700
Plastic Cross Blocks, Base
Style



AN 605
Plastic Clamps, for
Photocell



AN 600
Plastic Clamps, for
Photocell or Reflector



SS Stainless
Steel
WN 760
Stainless Steel Adjusting
Rods, Blank Type



SS Stainless
Steel
WN 761
Stainless Steel Adjusting
Rods, with Groove



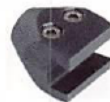
SS Stainless
Steel
WN 762
Stainless Steel Adjusting
Rods, Tapped and Milled
Flats Type



SS Stainless
Steel
WN 764
Stainless Steel Adjusting
Rods, Milled Flats Type



AN 505
Plastic Single Clamps, with
Adjusting Rod for Conical
Side Guide Rails



AN 500
Plastic Single Clamps, for
Conical Side Guide Rails



AN 520
Plastic Double Guide Rail
Clamps



AN 522
Plastic Double Guide Rail
Clamps

Conveyor
Clamps, Knobs
& Block
Accessories

Continued



AN 524
**Plastic Double Guide Rail
Clamps**



AN 5662
**Plastic Star Knob, with
Nickel Plated Brass
Hexagon Hub, Tapped Type**



AN 5662
**Plastic Star Knob, with
Nickel Plated Brass
Hexagon Hub, Stud Type**



AN 5670
**Plastic Clamping Heads,
with Threaded Eye Bolt
Top Side**



AN 5671
**Plastic Clamping Heads,
with Threaded Eye Bolt
Bottom Side**



SS Stainless Steel
AN 5672
**Nickel-Plated Brass or
Stainless Steel Clamping
Heads, for Clamping Knob
or Screw**

Conveyor
Brackets,
Mounts &
Bases



AN 400
Plastic Side Brackets



AN 410
**Plastic Adjustable Side
Brackets, with Four-Prong
Knob**



AN 420
**Plastic Adjustable Side
Brackets, with Four-Prong
Knob**



AN 425
**Plastic Adjustable Side
Brackets, with Four-Prong
Knob, with or without
Positioning Lip**



AN 310
**Plastic Support Heads,
Square Base**



AN 315
**Plastic Support Heads,
Square Support Base**



AN 300
**Plastic Support Heads,
Rectangular Base**



AN 305
**Plastic Support Heads,
Square Base**



AN 210
**Plastic Side Mount
Brackets**



AN 200
**Plastic Side Mount
Brackets**



AN 205
**Plastic Side Mount
Brackets**



AN 250
Plastic Connection Joints

3.7 Connecting, Assembling with Clamping and Connecting Elements



Tube Expander Fittings



Flange and Pillow Block Bearings



Clamp Mountings (Aluminum)



GN 473
Aluminum Two-Way Base Connector Mini-Clamps



GN 477
Aluminum Mini-Clamp Mounting Blocks



GN 474
Aluminum Two-Way Connector Mini-Clamps



GN 474.1
Aluminum Parallel Clamp Mountings



GN 475
Aluminum Adjustable Two-Way Connector Mini-Clamps



GN 476
Aluminum T-Clamp Mountings



GN 478
Aluminum Connector Mini-Clamps, for Sensor Brackets



GN 480
Steel Flanged Bolts



GN 490
Aluminum Adjustable Two-Way Clamping Joints



GN 485
Aluminum Swivel Clamp Connector Bases



GN 482
Aluminum Swivel Clamp Joints



GN 483
Aluminum T-Swivel Clamps Mountings



GN 484
Aluminum Attachment Clamp Mountings



SS Stainless Steel
GN 480.7
Stainless Steel Hose Adapters



GN 480.8
Thread Adapters



GN 511
Adjustable Clamping Lever Kits, for Mini-Clamps



GN 511.1
Adjustable Clamping Lever Kits, for Swivel Clamp Joints, Metric Size



SS Stainless Steel
GN 479
Stainless Steel Sensor Brackets



SS Stainless Steel
GN 479.1
Stainless Steel Plain L-Shaped Mounting Brackets

3.7 Connecting, Assembling with Clamping and Connecting Elements

Other Connecting Elements



EN 561
Plastic Angle Brackets



EN 561
Plastic Angle Brackets



GN 961
Aluminum Angle Brackets, for Aluminum Profile Systems 30 / 40



GN 960
Aluminum Angle Brackets, for Aluminum Profile Systems 30 / 40 / 45



GN 963
Cover Caps, for Angle Brackets for Aluminum Profile Systems



GN 967
Steel Flat and Angled Connecting Brackets



GN 970
Steel Angled Connecting Brackets, Equal Sides



GN 970
Steel Angled Connecting Brackets, Unequal Sides



GN 3490
Steel Threaded Flanges, for Profile Systems



EN 649
Plastic Panel Support Clamp



EN 649.1
Adapter Kits, for Panel Support Clamps GN 649 to be Mounted to Round Tubes

Tubes / Rods



GN 480.1
Aluminum Hollow Square Tubing



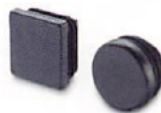
SS Stainless Steel
GN 480.1
Stainless Steel Solid Round Shafts and Hollow Round Tubing



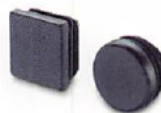
GN 990
Aluminum or Steel Round or Square Construction Tubings, for Tube Clamp Connectors



SS Stainless Steel
GN 990
Stainless Steel Round or Square Construction Tubings, for Tube Clamp Connectors



GN 991
Round or Square Tube End Plugs, for Construction Tubings



WN 991
Round or Square Tube End Plugs, for Construction Tubings

3.8 Adjusting, Moving

with Guides, Spindles and
Ball Rollers

Linear Slides
Linear Guide Rail Systems
Adjustable Slide Units
Linear Actuators / Linear Actuator Connectors
Roller Rail Assemblies
Ball Transfer Units / Guide Rollers



Linear Slides



GN 2402
Steel Linear Slides, with no
Extension



GN 2404
Steel Telescopic Linear
Slides, with Partial
Extension



GN 2406
Steel Telescopic Linear
Slides, S-Shaped with One
Slide Extension



GN 2408
Steel Telescopic Linear
Slides, with H-Shaped Rail



GN 2410
Steel Telescopic Linear
Slides, Dual Configuration
with Full Extension

3.8 Linear Guide Rail Systems



GN 2422
Steel Cam Roller Linear
Guide Rails, for C-Profile
Cam Roller Linear Guide
Systems



GN 2424
Aluminum or Steel Cam
Roller Carriages, for GN
2422 Cam Roller Guide
Rails



GN 2424.1
Open-end Wrenches, for
Cam Roller Carriages



GN 2426
Steel Cam Rollers, for GN
2422 Cam Roller Linear
Guide Rails and Cam Roller
Carriages

3.8 Adjusting, Moving with Guides, Spindles and Ball Rollers



GN 2428
Wipers for Linear Guide
Rails, for GN 2422 Cam
Roller Guide Rail

Adjustable Slide Units



GN 900
Aluminum Adjustable Slide
Units



GN 900.1
Aluminum Fastening Units



GN 900.2
Aluminum Connecting
Sets X-Y



GN 900.3
Aluminum Connecting
Sets X-Z



GN 900.4
Aluminum Mounting Plates



GN 900.5
Aluminum Rotary Plates



GN 900.6
Steel Rotary Tables

Linear Actuators / Linear Actuator Connectors



SS Stainless Steel
GN 291
Stainless Steel Linear
Actuators, with Left or
Right Hand Thread



GN 292
Steel Linear Actuators,
with Left or Right Hand
Thread



SS Stainless Steel
GN 293
Steel or Stainless Steel
Linear Actuators, with Two
Separate Threaded Shafts



GN 131.1
Aluminum Linear Actuator
Two-Way Connector
Clamps, for Single Linear
Actuator System



SS Stainless Steel
GN 131.1
Stainless Steel Linear
Actuator Two-Way
Connector Clamps, for
Single Linear Actuator
System



GN 131.2
Aluminum Linear Actuator
Two-Way Connector
Clamps, for Two-Way
Linear Actuator System



SS Stainless Steel
GN 131.2
Stainless Steel Linear
Actuator Two-Way
Connector Clamps, for
Two-Way Linear Actuator
System



GN 132.1
Aluminum Linear Actuator
Two-Way Connector
Clamps, for Single Linear
Actuator System

Adjusting, Moving with Guides, Spindles and Ball Rollers

Linear Actuators / Linear Actuator Connectors

Continued



GN 132.2
Aluminum Linear Actuator Two-Way Connector Clamps, for Two-Way Linear Actuator System



GN 145.1
Aluminum Flanged Linear Actuator Connectors



SS Stainless Steel
GN 145.1
Stainless Steel Flanged Linear Actuator Connectors



GN 146.1
Aluminum Flanged Linear Actuator Connectors



GN 162.1
Aluminum Base Plate Linear Actuator Connectors



SS Stainless Steel
GN 162.1
Stainless Steel Base Plate Linear Actuator Connectors



GN 163.1
Aluminum Base Plate Linear Actuator Connectors



GN 191.1
Aluminum T-Angle Linear Actuator Connectors



SS Stainless Steel
GN 191.1
Stainless Steel T-Angle Linear Actuator Connectors



GN 192.1
Aluminum T-Angle Linear Actuator Connectors



GN 273.1
Aluminum Swivel Clamp Linear Actuator Connectors



GN 274.1
Aluminum Swivel Clamp Linear Actuator Connectors



GN 291.1
Steel Square Linear Actuators, with Left or Right Hand Thread



GN 134.1
Aluminum Linear Actuator Connectors, Split Assembly



GN 135.1
Aluminum Linear Actuator Connectors



GN 147.1
Aluminum Linear Actuator Connectors



GN 165.1
Aluminum Linear Actuator Connectors, Split Assembly



GN 923.18 / GN 923.30 / GN 923.40
Aluminum Flat-Faced Solid Disk Handwheels, for Linear Actuators / Transfer Units



GN 924.40 / GN 924.50 / GN 924.60
Aluminum Flat-Faced Spoked Handwheels, for Linear Actuators / Transfer Units



GN 295
Installation Kits, for Position Indicators used on Linear Actuators

3.8 Adjusting, Moving with Guides, Spindles and Ball Rollers



GN 296
Square Linear Actuator Installation Kits,
 for Position Indicators Used
 on GN 291.1



SS Stainless Steel
GN 391
Steel or Stainless Steel Drive / Transfer Units



GN 297
Steel Bevel-Gear Wheels,
 with Spiral Bevel for Linear
 Actuators / Transfer Units



GN 298
Aluminum Housings, for
 Angular / T-Gears



GN 299
Longitudinal Scales, for
 Linear Actuators



GN 491
Steel Double Tube Linear Actuators, with Right Hand
 Thread, Single Slider



GN 492
Steel Double Tube Linear Actuators, with Right Hand
 Thread, Double Slider



GN 491.1
Steel Installation Kits, for
 Position Indicators used on
 Linear Actuators GN 491 /
 GN 492

Roller Rail Assemblies



AN 813
Roller Guide Adjusting Rods



AN 815
45 mm Roller Guides



AN 817
70 mm Roller Guides



AN 819
96 mm Roller Guides



AN 821
120 mm Roller Guides

Ball Transfer Units / Guide Rollers



SS Stainless Steel
GN 509
Steel and Stainless Steel Ball Transfer Units



SS Stainless Steel
GN 509.1
Steel and Stainless Steel Heavy Duty Ball Transfer Units



SS Stainless Steel
GN 509.3
Spring Retainers, for Ball
 Transfer Units



GN 509.4
Steel Heavy Duty Ball Transfer Units, without
 Flange

Adjusting, Moving with Guides, Spindles and Ball Rollers

Ball Transfer
Units / Guide
Rollers

Continued



GN 753
Guide Rollers, with and
without Threaded Stem

For complete technical information, CAD models and online
buying, visit www.jwwinco.com



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Steel Linear Actuators GN 292 → Page 129
Steel or Stainless Linear Actuators GN 293 → Page 129
Longitudinal Scales, for Linear Actuators GN 299 → Page 131
Stainless Steel Flanged Linear Actuator Connectors GN 145.1 → Page 130
Aluminum Flanged Linear Actuator Connectors GN 146.1 → Page 130

3.9 Holding with Magnets

Retaining Magnets, Disk-Shaped
Retaining Magnets, Rod-Shaped
Button-Type Magnets / U-Magnets
Magnets
Screws with Retaining Magnet
Raw Magnets
Accessories



Retaining Magnets, Disk-Shaped



GN 50.1
Retaining Magnets, without Thread



GN 50.3
Retaining Magnets, with Threaded Stud



GN 50.2
Retaining Magnets, with Female Thread



GN 50.6
Retaining Magnets, with Hook / With Eyelet



SS Stainless Steel
GN 50.25
Stainless Steel Retaining Magnets, with Female Thread



GN 50.4
Retaining Magnets, with Bore



GN 50.4
Retaining Magnets, with Female Thread



SS Stainless Steel
GN 50.45
Stainless Steel Retaining Magnets, with Bore



GN 50.5
Steel Retaining Magnets, with Female Thread



GN 58
Pot Magnets, with Bore



GN 51.5
Retaining Magnets, with Female Thread and Rubber Jacket



GN 51.4
Retaining Magnets, with Bore and Rubber Jacket

3.9 Holding with Magnets



GN 51.2
Retaining Magnets, with Female Thread and Rubber Jacket



GN 51.6
Retaining Magnets, with Two Female Threads and Rubber Jacket



GN 51.3
Retaining Magnets, with Threaded Stud and Rubber Jacket

Retaining Magnets, Rod-Shaped



GN 54.1
Brass Retaining Magnets, Smooth Finish



GN 52.1
Retaining Magnets, Smooth Finish



GN 52.2
Retaining Magnets, with Female Thread



GN 52.3
Retaining Magnets, with Female Thread



GN 52.4
Retaining Magnets, with Stud



GN 52.5
Stainless Steel Retaining Magnets, with Protective Rubber Cover

Button-Type Magnets / U-Magnets



GN 60
Button-Type Magnets, with Bore



GN 62
U-Magnets, with Bore

Magnets



GN 53.1
Magnets, with Plastic Housing



GN 51.7
Magnets, with Rubber Jacket and Ball Knob / Key Ring

Screws with Retaining Magnet



GN 251.6
Steel Setting Bolts, with Retaining Magnet



GN 913.6
Steel Set Screws, with Retaining Magnet

Raw Magnets



GN 55.1
Disk-Shaped Raw Magnets, with Bore or Countersunk Hole



GN 55.2
Disk-Shaped Raw Magnets



GN 55.3
Rod-Shaped Raw Magnets



GN 55.4
Block-Shaped Raw Magnets

Accessories



GN 56
Retaining Magnets, for Profile Systems



GN 70
Steel Magnet Holding Disks, for Retaining Magnets



SS Stainless Steel
GN 70
Stainless Steel Magnet Holding Disks, for Retaining Magnets



GN 70.1
Steel Adhesive Disks, Self-Adhesive

For complete technical information, CAD models and online buying, visit www.jwwinco.com



Retaining Magnets, Disc-Shaped → Page 134
Retaining Magnets, Rod-Shaped → Page 134

3.10 Rolling, Transporting with Casters and Wheels

Steel Bracket
Stainless Steel Bracket
Wheels
Custom Application



Steel Bracket



LER-TPA
Zinc Plated Steel Swivel Caster, with Thermoplastic Rubber Wheel and Bolt Hole Mounting, Light Duty Bracket Series



LRA-TPA
Zinc Plated Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels and Bolt Hole Mounting, Light Duty Bracket Series



LKRA-TPA
Zinc Plated Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels and Bolt Hole Mounting, Light Duty Bracket Series



LPA-TPA
Zinc Plated Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels with Mounting Plate, Light Duty Bracket Series



LKPA-TPA
Zinc Plated Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels with Mounting Plate, Light Duty Bracket Series



LMDA-TPA
Steel Light Duty Twin Wheel Swivel Casters, with Thermoplastic Rubber Wheels and Bolt Hole Mounting, Light Duty Bracket Series



LDA-TPA
Zinc Plated Steel Light Duty Twin Wheel Swivel Casters, with Thermoplastic Rubber Wheel with Mounting Plate, Light Duty Bracket Series



LRA-VPA
Zinc Plated Steel Swivel Casters, with Gray Rubber Wheel and Bolt Hole Mounting, Light Duty Bracket Series



LKRA-VPA
Zinc Plated Steel Light Duty Swivel Casters, with Gray Rubber Wheel and Bolt Hole or Threaded Stud Mounting, Light Duty Bracket Series



LPA-VPA
Zinc Plated Steel Light Duty Swivel Casters, with Gray Rubber Wheel and Plate Mounting, Light Duty Bracket Series



LKPA-VPA
Zinc Plated Steel Light Duty Swivel Casters, with Gray Rubber Wheel with Mounting Plate, Light Duty Bracket Series



LMDA-VPA
Zinc Plated Steel Medium Duty Twin Wheel Swivel Casters, with Gray Rubber Wheels and Bolt Hole Mounting, Light Duty Bracket Series

3.10

3.10 Rolling, Transporting with Casters and Wheels



LDA-VPA
Zinc Plated Steel Twin Wheel Swivel Casters, with Gray Rubber Wheels with Mounting Plate, Light Duty Bracket Series



LRA-POA
Zinc Plated Steel Swivel Casters, with Black Nylon Wheel and Bolt Hole or Threaded Stud Mounting, Light Duty Bracket Series



LKRA-POA
Zinc Plated Steel Swivel Casters, with Black Nylon Wheel and Bolt Hole Mounting, Light Duty Bracket Series



LPA-POA
Zinc Plated Steel Swivel Casters, with Black Nylon Wheel and Plate Mounting, Light Duty Bracket Series



LMDA-POA
Zinc Plated Steel Twin Wheel Swivel Casters, with Black Nylon Wheels and Bolt Hole Mounting, Light Duty Bracket Series



LDA-POA
Zinc Plated Steel Twin Wheel Swivel Casters, with Black Nylon Wheels with Mounting Plate, Light Duty Bracket Series



LRA-VSTH
Zinc Plated Steel Light Duty Swivel Caster, with Extrathane® Wheel and Bolt Hole Mounting, Light Duty Bracket Series



B-RD
Zinc Plated Steel Medium Duty Fixed Casters, with Black Rubber Wheel with Mounting Plate, Medium Duty Bracket Series



L-RD
Zinc Plated Heavy Pressed Steel Medium Duty Swivel Casters, with Black Rubber Wheel with Mounting Plate, Medium Duty Bracket Series



B-PO
Zinc Plated Steel Medium Duty Fixed Casters, with Nylon Wheel and Mounting Plate, Medium Duty Bracket Series



L-PO
Zinc Plated Steel Medium Duty Swivel Casters, with Nylon Wheel with Mounting Plate, Medium Duty Bracket Series



B-POEV
Zinc Plated Pressed Steel Medium Duty Fixed Casters, with Rubber Wheel with Mounting Plate, Medium Duty Bracket Series



L-POEV
Zinc Plated Steel Medium Duty Swivel Casters, with Rubber Wheel with Mounting Plate, Medium Duty Bracket Series



B-PATH
Zinc Plated Steel Medium Duty Fixed Casters, with Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



BH-POTH
Zinc Plated Steel Medium Duty Casters, with Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



BK-POTH
Zinc Plated Steel Medium Duty Fixed Casters, with Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



LE-PATH
Zinc Plated Steel Medium Duty Swivel Casters, with Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



LER-PATH
Zinc Plated Steel Medium Duty Swivel Casters, with Polyurethane Wheel and Bolt Hole Mounting, Medium Duty Bracket Series



LK-POTH
Zinc Plated Steel Medium Duty Swivel Casters, with Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



B-POW
Zinc Plated Pressed Steel Fixed Casters, with Nylon Wheel with Mounting Plate, Medium Duty Bracket Series

Rolling, Transporting with Casters and Wheels

3.10

Steel Bracket

Continued



LER-POW
Zinc Plated Pressed Steel Swivel Casters, with Nylon Wheel and Bolt Hole Mounting, Medium Duty Bracket Series



L-POW
Zinc Plated Pressed Steel Swivel Casters, with Nylon Wheel with Mounting Plate, Medium Duty Bracket Series



B-ALST
Pressed Aluminum Fixed Casters, with Softhane® Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



BH-ALST
Pressed Steel Fixed Casters, with Softhane® Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



BK-ALST
Pressed Steel Fixed Casters, with Softhane® Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



L-ALST
Pressed Aluminum Swivel Casters, with Softhane® Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



LK-ALST
Pressed Steel Swivel Casters, with Softhane® Polyurethane Wheel with Mounting Plate, Medium Heavy Duty Bracket Series



B-ALTH
Steel Medium Duty Fixed Casters, with Extrathane® Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



L-ALTH
Steel Medium Duty Swivel Casters, with Extrathane® Polyurethane Wheel with Mounting Plate, Medium Duty Bracket Series



LH-ALTH
Steel Heavy Duty Swivel Casters, with Extrathane® Polyurethane Wheel with Mounting Plate, Heavy Duty Bracket Series



L-G
Zinc Plated Steel Medium Duty Swivel Casters, with Cast Iron Wheel and Mounting Plate, Medium Duty Bracket Series



LH-ALEV
Zinc Plated Steel Heavy Duty Swivel Casters, with Rubber Wheel with Mounting Plate, Heavy Duty Bracket Series



LH-SPO
Heavy Duty Swivel Casters, with White Nylon Wheel and Mounting Plate, Heavy Duty Bracket Series



LS-SPO
Steel Heavy Duty Swivel Casters, with White Nylon Wheel with Mounting Plate, Heavy Duty Bracket Series



LH-GSPO
Steel Medium Duty Swivel Casters, with Cast Nylon Wheel and Plate Mounting, Heavy Duty Bracket Series

Stainless Steel Bracket



SS Stainless Steel
LKRXA-TPA
Stainless Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels and Bolt Hole Mounting, Light Duty Bracket Series



SS Stainless Steel
LKRXA-PATH
Stainless Steel Swivel Casters, with Thermoplastic Polyurethane Wheel and Bolt Hole Mounting, Light Duty Bracket Series



SS Stainless Steel
LKPXA-TPA
Stainless Steel Light Duty Swivel Casters, with Thermoplastic Rubber Wheels with Mounting Plate, Light Duty Bracket Series



SS Stainless Steel
LEX-PO
Stainless Steel Swivel Casters, with Nylon Wheel with Mounting Plate, Medium Duty Bracket Series

3.10 Rolling, Transporting with Casters and Wheels



SS Stainless Steel
LEX-POTH
Stainless Steel Swivel Casters, with Polyurethane Treaded Wheel, with Mounting Plate, Medium Duty Bracket Series



SS Stainless Steel
LKX-SPO
Stainless Steel Heavy Duty Swivel Casters, with Nylon Wheel with Mounting Plate, Heavy Duty Bracket Series

Wheels



P
Pneumatic Wheels, with Rubber Tread



SPO
Heavy Duty Wheels, with Nylon Tread



HPO
Pallet Truck Rollers, with Nylon Tread



ALST
Heavy Duty Wheels, with Softhane® Polyurethane Tread



HTH
Heavy Duty Wheels, with Extrathane® Polyurethane Tread



GTH
Pallet Truck Rollers, with Extrathane® Polyurethane Tread



SPK
Heavy Duty Cast Iron Flanged Wheels



DPSK
Heavy Duty Steel Double Flanged Wheels

Custom Application



LWG-TPA
WAVE Synthetic Swivel Casters, with Thermoplastic Rubber Wheels, Bolt Hole Mounting, Steel Components



SS Stainless Steel
LWGX-TPA
WAVE Synthetic Swivel Casters, with Thermoplastic Rubber Wheels, Bolt Hole Mounting, Stainless Steel Components



LKDG-PUA
Zinc Die Cast Twin Wheel Swivel Casters, Nylon Rim and Polyurethane Wheel tread, with Threaded Stem



LS-GTH
Zinc Plated Steel Heavy Duty Swivel Casters, with Extrathane® Wheel and Mounting Plate, Welded Construction Series



LS-GSPO
Zinc Plated Steel Heavy Duty Swivel Casters, with Cast Nylon Wheel with Mounting Plate, Welded Construction Series



B-PHN
Zinc Plated Steel Heat-Resistant Medium Duty Fixed Phenolic Wheel Casters, with Phenolic Wheel with Mounting Plate, Medium Duty Bracket Series



LI-PHN
Zinc Plated Steel Heat-Resistant Medium Duty Swivel Casters, with Phenolic Wheel with Mounting Plate, Medium Duty Bracket Series



HRSP-POA
Steel Leveling Caster, with Integrated Truck Lock and Top Plate for Mounting

Rolling, Transporting with Casters and Wheels

3.10

Custom
Application

Continued



HRP-POA
Steel Leveling Casters,
with Integrated Truck Lock
and Top Plate for Mounting



HRLK-ALTH
Zinc Plated Steel Heavy
Duty Leveling Casters, with
Extrathane® Wheel, Swivel
Head with Mounting Plate,
Heavy Duty Bracket Series

For complete technical information, CAD models and online
buying, visit www.jwwinco.com



Casters
Wheels → Page 141

4.1 Tightening, Loosening and Adjusting with Hand Tools

Hook Spanners and Spanner Wrenches
T-Handle and Screwdriver Grip Hexagon Keys
L-Handle Hexagon Keys
T-Handle and Screwdriver Grip Torx Keys
T-Handle Wrenches and Socket Keys
Open Ended Wrenches
T-Slot Scrapers
Dead Blow Hammers



Hook Spanners and Spanner Wrenches



DIN 1810
Steel Hook Wrenches, with
Nose End, for Slotted Nuts
DIN 1804



No. 771C
**Steel Adjustable Hook
Spanners**, with Nose End



No. 775 C / No. 775 D
**Steel Hinge-Type Hook
Spanners**, with Nose End



SS Stainless
Steel
No. 775-NI
**Stainless Steel Hinge-Type
Hook Spanners**, with Nose
End



No. 776C
**Steel Hinge-Type Hook
Spanners**, with Fixed Pin



No. 758
**Steel Adjustable Pin-Type
Face Spanners**



No. 764
**Steel Hinge-Type Pin-Face
Spanners**



DIN 3116C
**Steel Off-Set Pin-Type
Face Spanner Wrenches**

T-Handle and Screwdriver Grip Hexagon Keys



No. 906 QE
T-Handle Hexagon Keys,
with Comfortable Ergonomic
Grip



No. 906 Q
**"HANDY" T-Handle
Hexagon Keys**



No. 906
Hexagon Keys, with Flat
Handle Grip



No. 906 QGE
**T-Handle Ball-Ended
Hexagon Keys**, with
Comfortable Ergonomic
Grip

4.1 Tightening, Loosening and Adjusting with Hand Tools



No. 966 QGE
Double Ball-Ended Hexagon Keys, with Comfortable Ergonomic Grip



No. 906 GE
Ball-Ended Hexagon Keys, with Screwdriver Grip

L-Handle Hexagon Keys



ISO 2936 / DIN 911
Hexagon Keys, Blued or Nickel Plated



DIN 6911
Hexagon Keys, with Pilot



No. 908
L-Shaped Keys, for Torx® Screws



ISO 2936L / DIN 911 L
Long Hexagon Keys



No. 911 LG
Long Hexagon Keys, with Ball End



No. 911 LG - H100F
Inch & Metric Size Long Hexagon Key Sets, with Ball End



No. 909 EG7
Tool-Boys® Ball-Ended Hex Key Set

T-Handle and Screwdriver Grip Torx Keys



No. 907 LE
Torx® Keys, with Comfortable Ergonomic Grip



No. 907 Q
T-Handle Keys, for Torx® Screws

T-Handle Wrenches and Socket Keys



No. 914 Q
Square Socket T-Handle Wrenches



DIN 7417
Square Socket Keys

Open Ended
Wrenches



DIN 894
Steel Single Open Ended
Wrenches

T-Slot Scrapers



No. 6485
T-Slot Scrapers

Dead Blow
Hammers



RFM
Dead-Blow Hammers and
Replacement Faces

For complete technical information, CAD models and online buying, visit www.jwwinco.com



No. 911 LG - H100F Inch & Metric Size Long Hexagon Key Sets, with Ball End → Page 145

Terms and conditions

Delivery: J.W. Winco, Inc. ("J.W. Winco") will make every effort to meet or exceed the time frames shown. However, unforeseen circumstances may cause temporary delays. Normal parcel shipments will be received by a reputable commercial freight carrier within 3 business days of shipment date. If Buyer requires a shorter delivery service, a variety of carrier options are available. Under no circumstances will J.W. Winco be responsible for or incur any liability for damages, costs or expenses of any nature (whether general, consequential, as a penalty or as liquidated damages or otherwise) due to any delays in delivery, or failure to make delivery at an agreed or specified time, which result from circumstances beyond J.W. Winco's reasonable control. Acceptance by Buyer of the items when received waives any claim for loss or damage resulting from a delay, regardless of the cause of the delay. If Buyer delays or suspends the shipment, Buyer will pay the invoice price for the items as per the payment terms, together with our handling and storage charges in effect. For shipments requiring LTL Collect, we will not be held responsible for items lost or damaged while under the care of carriers. All other export or overseas shipments will be routed per Buyer's request and expense. Same day delivery is available, upon request, depending on the time of the day and the destination. There is a \$35.00 service charge for same day delivery, in addition to the regular freight charge. Customers wanting to use their collect number for UPS shipping charges are required to provide said collect number in writing on a purchase order. If a customer provides an incorrect number, said customer accepts liability for reimbursement to J.W. Winco, Inc. for carrier's correction fee and associated shipping charges. In order to prevent any possible fraudulent claims and losses due to misuse, customers' UPS collect numbers will not be stored at J.W. Winco, Inc., and therefore will need to be provided in writing by the customer on each occasion of use.

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International orders: International orders are defined as requiring both a "bill to" and "ship to" address outside the United States, excluding Canada, Mexico and Puerto Rico. Minimum purchase order amount is \$25.00. Orders under \$350.00 will include a \$25.00 international processing fee. Prices are quoted in U.S. Dollars, EX-Works Origin New Berlin, Wisconsin and risk of loss passes to Buyer upon delivery to the shipper. Shipping and handling charges are prepaid and added to commercial invoice. Orders may be shipped collect with customer's preferred carrier. Payments must be made in U.S. Dollars in advance. Buyer is responsible for all brokerage fees, taxes and duties.

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country, including Mexico and Canada, J.W. Winco will not be responsible for any brokerage fees and dut fees regardless of reason for return. Modified and special order items cannot be cancelled or returned.

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Pricing Information: All prices are subject to change without notice. Prices on scheduled shipments will be based upon the quantity purchased for each shipment, unless a blanket order price is agreed upon.

Minimum purchase: No minimum purchase for U.S., U.S. territories, and Canada. A \$9 processing fee will be added to orders below \$50.

Payment terms: Visa, MasterCard and American Express accepted. For businesses with approved credit ratings -1%/10 net 30 days. All other U.S. businesses - C.O.D. until proper credit has been established. A \$35 fee will be charged for checks returned unpaid for insufficient or uncollected funds. Individuals are welcome to order from J.W. Winco; however, payment must be made by Visa, MasterCard, American Express or C.O.D. All past due accounts will be subject to a 1.5% per month service charge or 18% per annum. Foreign Buyers may pay with Visa, MasterCard, American Express, wire transfer of funds, U.S. Cashier's Check or Letter of Credit. Any bank fees under a wire transfer are the sole responsibility of the Buyer.

Backorders: Items temporarily out of stock may be backordered. The balance of Buyer's order will be shipped within 24 hours from the time J.W. Winco has received Buyer's backordered parts.

Cancellation policy: All standard stocked components can be cancelled at no charge before shipping, provided total order value is less than \$5,000.00, if greater than \$5,000 there will be a minimum 25% cancellation fee. Before shipping, all blanket orders on standard components are subject to a minimum 25% cancellation charge.

Special order items: Special order items of non-stock or modified parts are subject to a +/- 10% quantity shipping variance unless quoted otherwise. All special order items of non-stock or modified parts cannot be cancelled or returned.

Specifications: All specifications are subject to change without notice.

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or explain any terms used in these Terms and Conditions.

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Limited Warranty: All products sold, are warranted by J.W. Winco, Inc. only to purchasers for resale or for use in business or original equipment manufacture, against defects in workmanship or materials under normal use for 90 days after date of purchase from J.W. Winco, Inc. Any part which is determined by J.W. Winco to be defective in material or workmanship and returned to J.W. Winco, shipping costs prepaid, will be, as the exclusive remedy, repaired or replaced. At J.W. Winco's option the purchase price may be refunded. All returns must be pre-approved by an authorized J.W. Winco sales associate prior to return. All returns must reference the invoice number and return authorization number marked on the exterior of the package. Any damage or tampering to products resulting from improper packaging or handling will void any warranty or refunds at J.W. Winco's option.

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