

## STANDARD PARTS

### Product Overview



### MADE IN GERMANY

We have been serving customers in industry and retail as a reliable and proficient partner for more than 85 years. The latest chapters in the success story of this family-owned-and-operated business are now written by the family's third generation. Never wavering from its original mission statement, the company has remained in charge of the entire process chain – from development to production to global distribution.

Remaining true to the company's original calling as instilled by our founder, we still strive to offer our customers products and service of unrivalled quality.

### OUR RANGE OF SERVICES

We bring our innovative staff, machinery and methods into play to help you satisfy all your manufacturing needs - whether you produce custom or standard parts, need to complete simple installation jobs or manufacture complex assemblies.

Design development	Procurement	Component installation
Surface engineering	Inspection	Manufacturing



### CONVINCING REASONS FOR CHOOSING ERWIN HALDER KG

#### DELIVERY CAPABILITY

Almost 90% of our total assortment is in stock and therefore available for you at short notice. For orders placed before 4 pm, the goods leave the warehouse on the same day.

#### ADHERENCE TO DELIVERY DATES

98.4% of our deliveries will reach you on the previously confirmed date.

#### DEVELOPMENT EXPERTISE

We work every day to make existing solutions better and to develop something new. This is impressively underlined by a large number of patented in-house developments.

#### SERVICE AND CONSULTING

Whether by phone or video conference, on our premises or directly at your site, our technical customer advisers are at your disposal as desired in order to offer you the best customer service possible.

#### MANUFACTURING EXPERTISE

Because we develop and produce ourselves, we are always able to assist you with advice and support. Should you require certain adjustments, such as dimensional changes or other material properties, please contact us. As a manufacturer, we are able to implement such requests together with you.

#### CONSTRUCTION OF FIXTURES

Do you have difficulties clamping certain workpieces? No problem! Contact us and we will make an appointment with us on site. In our fully equipped workshop, we will find the optimal solution for your workpiece together.

#### MOBILE SHOWROOM

Regardless of whether you work at a large corporation or a small business - we will come to you. True to the motto "Precision at your fingertips", we will gladly introduce you to our complete range of services in our "mobile showroom".

### ECOLOGICAL SUSTAINABILITY



Operation of a combined **heat and power plant** to generate heat and electricity



**Energy-efficient** machine cooling with ground water



Integration of **rainwater cisterns**



Ongoing projects for **saving energy**



Preparation of **waste balances and waste management concepts**



Promotion of e-mobility by providing **charging stations** for guests, employees and fleet vehicles



Central machine extraction system with **heat recovery**



**Proprietary photovoltaic** installation including battery storage



**Energy consumption** controlling



**Separation of recyclable materials** in all areas



Lighting of all buildings with **LED technology**



Reg.-Nr. 2460



Reg.-Nr. 2460



Reg.-Nr. 2460



Spring Plungers



Index Plungers / Index Bolts



Lateral Spring Plungers



Locking Elements



Washers



Ball Lock Connectors



Lifting Pins



Threaded Lifting Pins



Ball Lock Pins



Threaded Lock Pins



Grub Screws / Thrust Pads



Mounting Pads / Fulcrum Screws



Support Legs



Locating / Seating Elements



Ball Elements / Push Elements



Self-Aligning Pads



Ball Casters



Retrieval Systems



Expander® Sealing Plugs



Swing Bolts



Rod Ends



# CLAMPING ELEMENTS



Nuts for T-Slots



Clamping Screws



Spherical / Plain Washers



Clamping Nuts



Precision Slot Nuts



Positioning Clamping Elements



Positioning Bushings



Clamps



Straight Clamps, slotted



Clamping Element Systems



Horizontal Clamping Elements



Supporting Elements



Floating Clamps



Push-Pull Clamps



Eccentric Clamping Elements



Down-Thrust Clamps



Toggle Clamps



Compact Clamps



Centering Clamping Elements



Shaft Clamps



Clamping Plates



# OPERATING ELEMENTS



Retaining Latches

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U-Handles

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Tubular Handles

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Crank Handles

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Gear Lever Handles

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Adjustable Clamping Levers

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Tension Levers

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Tapered Levers / Clamping Nuts

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Rotating Handles

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Knurled Nuts / Knurled Thumb Screws

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Tommy Nuts / Tommy Screws

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Handles

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Knobs

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Star Grips / Star Grip Screws

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Palm Grips / Palm Grip Screws

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Torque Handles

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Handwheels

## MACHINE ELEMENTS

## BASIC ELEMENTS



Initiator Elements

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Tapered Shaft Elements

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Set Collars

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Locking Nuts

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Quick Plug Couplings

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Levelling Feet

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Damping Elements

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Hinges

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Clamping Angles

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Clamping Cubes

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Base Plates



## MODULAR FIXTURE SYSTEMS

### THE RIGHT SOLUTION FOR ANY PURPOSE

Two systems that are effortlessly interchangeable allow you to perfectly adapt the fixture to the specific requirements at hand. The systems can be selected based on workpieces and production process and offer maximum flexibility thanks to their modular design.

#### T-SLOT SYSTEMS

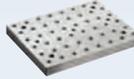
Tempered base plates are fitted with a T-slot system. This feature makes it possible to fix system components in place and clamp them at the same time. A particularly good choice for machining complex workpieces.

#### HOLE AND DOWEL SYSTEMS

The base plates with hole and dowel system allow operators to quickly set up and precisely machine workpieces with simple geometries. Hole and dowel systems can reach the same level of flexibility achieved by the T-slot system thanks to mounted combo parts.



T-Slot Systems



Hole and Dowel Systems



Standard Parts for Fixture Systems

### PERSONALISED CUSTOMER SERVICE

In an effort to furnish you with the resources you need to perfectly plan and implement your projects - especially in the area of modular fixture systems - we are offering you the following services:

- Sample design of fixtures.
- Mobile Showroom for on-site demonstrations.
- Introductory seminars and user seminars.
- Training courses for customers at our training centre.



## MULTIPLE CLAMPING SYSTEMS



Components

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Clamping Units

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Standard Ranges

## MULTI-VICES



Multi-Vices MS 125

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Accessories for Multi-Vice MS 125

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Conventional Clamping

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Gripp Clamping

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Pull-Down Clamping

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Five-Sided Machining

## ZERO-POINT CLAMPING SYSTEMS



Connecting Elements / Connecting Rings

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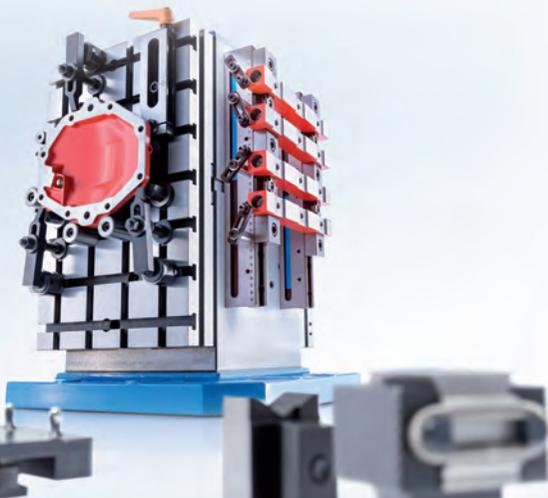


Base Plates / Supporting Plates

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Accessories for Zero-Point Clamping Systems



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