



## Heavy Comparator Stands 824



**Precision Stand 824 NT**

Without fine adjustment



**Precision Stand 824 FT**

With fine adjustment, consisting of a strong, rigid parallel spring assembly



**Precision Stand 824 GT**

For Large Type Millimess. With fine adjustment by way of vertical movement of the mounting socket

### Features

#### Basic Units

- Sturdy, T-shaped base which is made from a special cast iron
- Extremely stable
- Fine adjustment, consisting of a strong, rigid parallel spring assembly
- Support arm has a rotation lock, height of the arm via the toothed rack is adjustable

#### Plates

- Measuring faces are hardened and lapped
- Longitudinal grooves
- Plates for sum measurements have a 8H7 mm mounting hole for Inductive Probes

## Technical Data

### Basic Unit

	Working range	Fine adjustment range	Weight	Order no.*	Order no.*	Order no.*
	mm (inch)	mm	kg	Mount dia. 8H7	Mount dia. 28H7	Mount dia. 3/8 inch
<b>824 NT</b>	0 - 210 (0 - 8.2")	—	17	<b>4442100</b>		<b>4442105</b>
<b>824 FT</b>	0 - 210 (0 - 8.2")	± 0.2	19	<b>4443100</b>		<b>4443105</b>
<b>824 GT</b>	0 - 200 (0 - 8.0")	± 1.5	18		<b>4444200</b>	

\* excludes indicating instrument, excludes plate

### Plates

	Plate size	Flatness tolerance	Mounting hole	Weight	Order no.	Remarks
	mm	μm	mm	kg		
<b>827 b 31</b>	100 x 40	1		1.2	<b>4082731</b>	for single measurement
<b>827 b 32</b>	100 x 40	1	8H7	1.0	<b>4082732</b>	for sum measurement
<b>827 b 33</b>	130 x 130	1		2.5	<b>4082733</b>	for single measurement
<b>827 b 34</b>	130 x 130	1	8H7	2.5	<b>4082734</b>	for sum measurement

## Accessories

V-Block 108° for checking small, cylindrical work pieces for out of roundness and polygon errors (for further details please refer to Page 12-9)

### Order no.

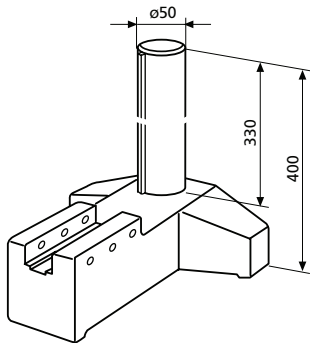
<b>107 V</b>	(Single)	<b>4229000</b>
	(Pair)	<b>4229001</b>

## Modular Units 827 for individual comparator stands

For the combination of comparator stands for special tasks, to adapt existing stands as well as the incorporation into inspection equipment for all types of length measurements.

### Base with Post

#### 827 b 5

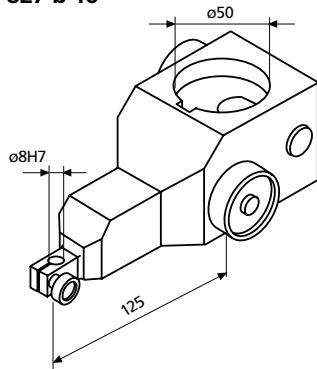


- T-shaped base which is made from a special cast iron
- Post has a chrome finish

Order no. 4082705

### Support Arms

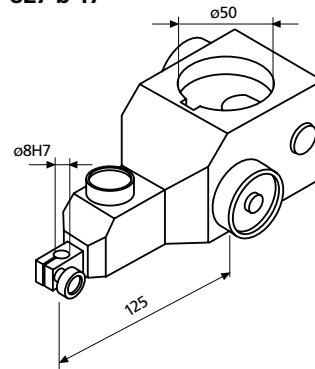
#### 827 b 16



- Mounting hole 8 mm
- Without fine adjustment

Order no. 4082716

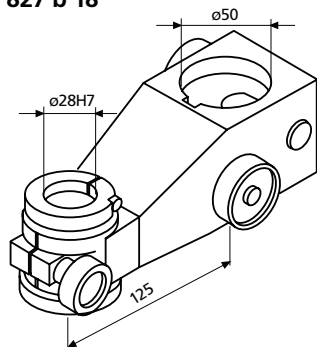
#### 827 b 17



- Mounting hole 8 mm
- Fine adjustment, consisting of a strong, rigid parallel spring assembly

Order no. 4082717

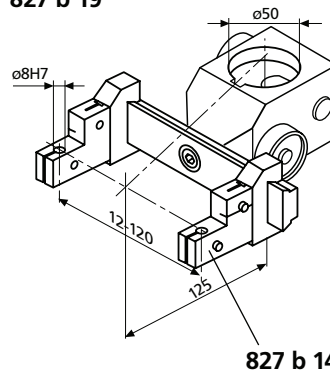
#### 827 b 18



- Mounting hole 28 mm
- With fine adjustment

Order no. 4082718

#### 827 b 19



- Support arm with dovetail guide

Order no. 4082719

#### 827 b 14

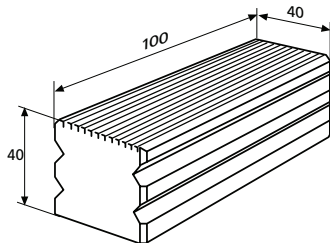
- With probe holder, mounting hole 8 mm

Order no. 4082714

## Modular Units 827 for individual comparator stands

### Plates

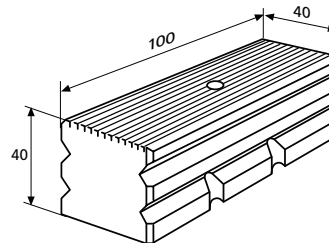
#### 827 b 31



- For single measurement
- Hardened and lapped
- Reversible
- Measuring surface has longitudinal grooves
- Flatness deviation 1 µm

Order no. 4082731

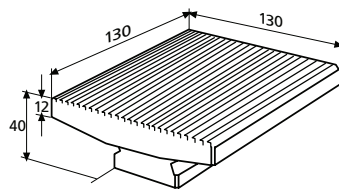
#### 827 b 32



- For sum measurement
- Measuring surface has longitudinal grooves, hardened and lapped
- With mounting hole 8H7 mm/ .375" and a clamp for inductive probes
- Flatness deviation 1 µm

Order no. 4082732

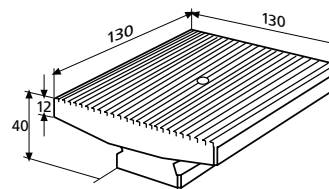
#### 827 b 33



- For single measurement
- Large measuring surfaces which have longitudinal grooves, hardened and lapped
- Flatness deviation 1 µm

Order no. 4082733

#### 827 b 34

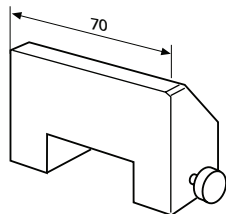


- For sum measurement
- Large measuring surfaces which have longitudinal grooves, hardened and lapped
- With mounting hole 8H7 mm/ .375" and a clamp for inductive probes
- Flatness deviation 1 µm

Order no. 4082734

### Adjustable Stop

#### 827 b 35

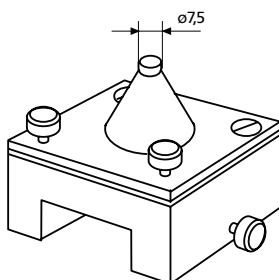


- Ensures that a work piece is correctly positioned
- To be attached to plates 827 b 31 and 827 b 32

Order no. 4082735

### Attachment Stand

#### 827 b 36



- With adjustment screws for parallel alignment of 2 plan surfaces
- Particularly suitable for mounting Pin Gages 426 M
- To be attached to plates 827 b 31 and 827 b 32

Order no. 4082736