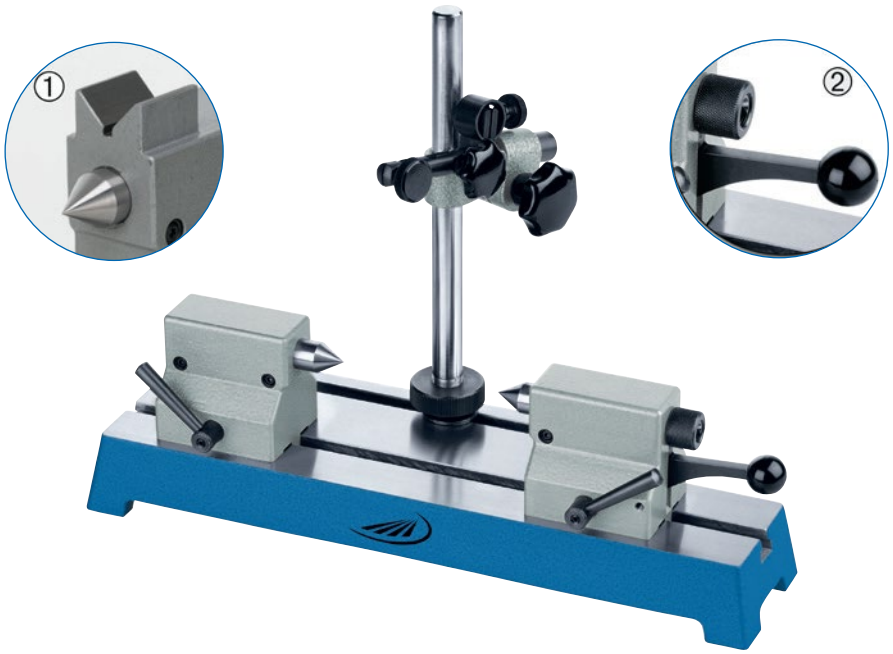
0780 Bench centres



Model

- Finely ground surface, flatness tolerance according to
- DIN 876-2
- With two adjustable tailstocks
- Left tailstock with fixed centre
- Right tailstock with retractable spring mounted centre, free lift appr. 10 mm
- Tailstocks can be clamped via an eccentric clamp
- Tailstock height 75 mm with integrated V-groove support
- Quick-clamping device by clamping lever
- With T-groove and support column
- With mounting hole for dial gauges Ø 8mm

Delivery

- Cardboard box

⋈		Height of centers mm	Workpiece load p.tailstock max.kg	Distance between centres mm	Center dia. mm	T-groove width mm	Base mm	Order no.
		50	5	200	16	10H7	350 x 110	0780 101
		50	5	350	16	10H7	500 x 110	0780 102
		75	5	200	16	10H7	350 x 110	0780 104*
		75	5	350	16	10H7	500 x 110	0780 105*
	•	100	20	450	22	12H7	700 x 180	0780 107
	•	150	20	450	22	12H7	700 x 180	0780 108

* With integrated V-groove support on the tailstocks for ø 6 - 24 mm

Accessories	Order no.
Replacement centre, retractable, ø 16 mm (50 - 75 mm)	0780 174
Replacement centre, fixed, ø 16 mm (50 - 75 mm)	0780 175
Replacement centre, retractable, ø 22 mm (100 - 150 mm)	0780 177
Replacement centre, fixed, ø 22 mm (100 - 150 mm)	0780 178

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0780 Bench centres with roller supports

Specification

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two roller supports
- Concentricity tolerance of the rolls 0.005 mm
- Quick-clamping device by clamping lever
- With T-groove and support column
- With mounting hole for dial gauges Ø 8mm
- Fine adjustment

Delivery

- Cardboard box

⋈		Height of roller supports mm	T-groove width mm	Base mm	Contact surface mm	Order no.
		65	10H7	350 x 110	3 - 30	0780 201
		65	10H7	500 x 110	3 - 30	0780 202
		100	12H7	700 x 180	4 - 60	0780 206

Marked ▪ = excess length/excess weight

Marked ▪ = includes a F.O.C. calibration certificate, traceable to national standards

0780 Bench centres with V-groove supports

Specification

- Finely ground surface, flatness tolerance according to DIN 876-2
With two V-supports
Quick-clamping device by clamping leve
- Prismatic contact surface 90°
V-groove surfaces made of hardened steel (replaceable)
With T- groove and support column
With mounting hole for dial gauges Ø 8mm
Fine adjustment

Delivery

- Cardboard box

		Height of V-supports mm	T-groove width mm	Base mm	Contact surface mm	Order no.
		65	10H7	350 x 110	5 - 25	0780 301
		65	10H7	500 x 110	5 - 25	0780 302
		100	10H7	700 x 180	5 - 50	0780 306

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0780 Bench centres for heavy workpieces

Model

- Finely ground surface, flatness tolerance according to DIN 876-2
- With two adjustable tailstocks
- Left tailstock with fixed centre
- Right heavy tailstock with moveable, spring mounted centre, free lift appr. 10 mm
- Tighten by hand crank
- Tailstock can be clamped via an eccentric clamp
- Base made of cast iron with
- T-groove
- Measuring stand with mounting hole for dial gauges Ø 8 mm

Delivery

- Cardboard box

⋈		Height of centers mm	Workpiece load p.tailstock max.kg	Distance between centres mm	Centering tip dia. mm	T-groove width mm	Base mm	Order no.
	•	100	40	450	22	12	700x180	0780 141
	•	150	40	450	22	12	700x180	0780 142

0780 Pair of v-support inserts

Model

- V-support inserts to place in and for testing of shafts without centrebores
- V-support inserts are exchanged for the pointed alignment centre of the tailstocks

⋈		For height of centers mm	Max. workpiece dia. mm	Contact surface mm	Order no.
		50/75	15	3 - 15	0780 021
		100	45	8 - 45	0780 023

0780 Replacement support column

Model

- Column is moving and can be clamped in the T-groove
- Mounting for indicator:
  shaft mounting @ 8 mm for dial test indicators
- Integrated fine adjustment

⋈		For height of centers mm	Projection mm	T-groove width	Column height mm	Column dia. mm	Arm dia. mm	Order no.
		50/75	105	10	200	18	14	0780 072
		100	105	12	240	18	14	0780 073
		150	105	12	440	18	14	0780 074

Marked ▪ = excess length/excess weight Marked ▪ = includes a F.O.C. calibration certificate, traceable to national standards

0780 Left tailstocks with a rotating collet chuck

Model

- The left tailstock can be changed because of this specification with a collet chuck
- The collet chuck is rotatable for runout testing
- T-grooves bearing
- Eccentric clamp

Height of centers mm	T-groove width mm	Order no.
For collet chucks type F10 (Ø 1 - 7 mm)		
50	10	0780 001
75	10	0780 002
For collet chucks type F14 (Ø 1 - 10 mm)		
100	12	0780 003

- Collet chucks F10 from 1-7 mm are available upon request
- Collet chucks F14 from 1-10 mm are available upon request

Pair of replacement tailstocks for 0780

Model

- Included in base model 0780 75 mm with intergrated V-groove support
- For heavy workpieces with load up to 40 kg on request

Height of centers mm	Workpiece load p.tailstock max.kg	T-groove width mm	Order no.
50	5	10	0780 091
75	5	10	0780 092
100	20	12	0780 093
150	20	12	0780 094

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Pair of V-groove supports for 0780

Model

- For workpieces without centering
- Functional test through applying on e.g. plain lateral surface
- Recognition of form errors
- For exchange of centre supports
- Prismatic contact surface 90°
- V-groove surfaces made of hardened steel (replaceable)
- T-grooves bearing
- Eccentric clamp

Height of centres* mm	Height of V-supports mm	T-groove width	Contact surface mm	Order no.
65	65	10	5 - 25	0780 032
100	100	12	5 - 50	0780 033

* based on the center of an axis of a shaft Ø 10 mm

Pair of roller supports for 0780

Model

- For exchange of centre supports
- Ball bearing rollers for easy turning of the workpieces
- Concentricity tolerance 0.005 mm

Height of roller supports* mm	T-groove width mm	Contact surface mm	Order no.
65	10	3 - 30	0780 042
100	12	4 - 60	0780 043

* based on the center of an axis of a shaft Ø 10 mm

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