• Ident. No. 015: Cylindrical mounting spigot, diameter 10 mm, for clamping in

ATORN^{® 3D} articulated measuring stands

model series with high-quality, light metal arm components

Application:

For clamping dial gauges, precision pointers, lever gauge probes etc.

Execution:

- Mechanical, maintenance-free central clamping
- Dovetail mount and holder Ø 8 mm
- Ident. No. 003–010: Strong adhesive magnet with prismatic base







Ident. No. 003

Ident. No. 010

Ident. No. 015

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Height (mm)	Height (mm)		300	380	200
Operation radius (mm)	Operation radius (mm)		200	280	130
Adherence strength (N)	Adherence strength (N)		750	750	-
Base size	Base size		60 x 50 x 55 mm	60 x 50 x 55 mm	-
Base Ø (mm)		-	-	-	10
34060	Ident. No.	003	005	010	015
	Price/unit, €	•	•	•	•

Prod. Gr. 3AB

ATORN[®] 3D articulated measuring stand model series with chrome-plated arm compo

model series with chrome-plated arm components

Application:

For clamping dial gauges, precision pointers, lever gauge probes etc.

Execution:

- Mechanical, maintenance-free central clamping
- Dovetail mount and holder Ø 8 mm
- Strong adhesive magnet with prismatic base



ldent. No. 027



Ident. No. 021

- Advantage:
- Simple, quick operation
- Highly flexible, exact positioning

collet chucks or drill chucks

Highly flexible, exact positioning

Simple, quick operation

Advantage:

Delivery:

Delivery:

Without dial gauge



Ident. No. 023

1

Ident. No. 025

Height (mm)		310	390	568	740
Operation radius (mm)		200	280	450	630
Adherence strength (N)		800	800	1000	1500
Base size		60 x 50 x 55 mm	60 x 50 x 55 mm	75 x 50 x 55 mm	120 x 60 x 55 mm
34060	Ident. No.	027	021	023	025
	Price/unit. €	•	•	•	•

Prod. Gr. 3AB

TORN[®] 3D articulated measuring stand µ-Line with precision adjustment and high-quality, light metal arms

Application:

in high-precision range for clamping dial gauges, precision pointers, lever gauge probes etc.

Execution:

- Mechanical, maintenance-free central clamping
- Dovetail mount and holder Ø 8 mm
- Strong adhesive magnet with prismatic base

Advantage:

- Simple, quick operation
- Highly flexible, exact positioning
- Precision adjustment with high repeat accuracy for measurements in the µ-range

Delivery:

Without precision pointer



ICON R







Ident. No. 080, 100

	Height (mm)		200	310	390	435
	Operation radius (mm)		130	200	287	330
	Adherence strength (N)		600	600	600	900
	Base size		40 x 40 x 40 mm	60 x 50 x 55 mm	60 x 50 x 55 mm	75 x 50 x 55 mm
-	34060	Ident. No.	070	080	090	100
		Price/unit, €	•	•	•	•

Prod. Gr. 3AB

Ø 3D articulated measuring stand set **n**RN

Holding system for small parts in the workshop

Application: For holding objects such as light sources, circuit boards etc.

Delivery: Articulated stand, steel base, clamp base, clamp holder with plastic jaws, extension, adapter, toping thread and open end spanner





Operation radius (mm)	Ø of the base (mm)	Max. extension (mm)	34060 Ident. N	
200	100	200	150	•
			Price/	unit, €

Prod. Gr. 3AB



Application:

Suitable for installation in any holder with a suitable thread

Execution:

990

- Mechanical, maintenance-free central clamping
- Ident. No. 100-120: Model series with highquality, light metal arm components
- Ident. No. 121-125: µ-Line model series
- Ident. No. 127-141: Model series with chromeplated arm components

Advantage:

- Simple, quick operation
- Highly flexible, exact positioning



Ident. No. 100-125



Ident. No. 127-141

Operation radius (mm)		130	200	280	204	287	330	197	
Connectio	n thread		M6	M6	M6	M6	M8	M8	M6
Connectio	n thread 2		M6	M8	M8	M8	M8	M8	M8
24075	34075 light metal	Ident. No.	100	110	120				
34075		Price/unit, €	•	•	•	-	-	-	-
34075	u-line	Ident. No.	121			122	123	125	
34075	µ-iine	Price/unit, €	•	-	-	•	•	•	-
34075	chromi-	Ident. No.						-	127
340/5	um-plated	Price/unit, €	-	-	-	-			•



Availability subject to country specific rules and regulations.

www.iconridge.com



Operation radius (mm)			288	407	453	635
Connectio	n thread		M6	M8	M8	M8
Connectio	Connection thread 2			M8	M8	M10 x 1.25
34075	light metal	Ident. No. Price/unit, €	-	-	-	-
34075	µ-line	Ident. No. Price/unit, €	-	-	-	-
34075	chromi-	Ident. No.	128	129	131	141
340/5	um-plated	Price/unit, €	•	•	•	•

Prod. Gr. 3AB



Application:

For use with a 3D articulated arm.

Execution:

Steel

- Combined holder for shaft diameter 8 mm and lever gauge probe with dovetail mount
- Ident. No. 220: For µ-line articulated measuring stands

Technical data:

Bore diameter: 8 mm



Ident. No. 200-210



Ident. No. 220

Connection thread			M6	M8
24075	Standard	Ident. No.	200	210
34075	Standard	Price/unit, €	•	•
34075	Mith fine edination	Ident. No.		220
34075	With fine adjustment	Price/unit, €	-	•

Prod. Gr. 3AB

ATORN[®] adhesive magnets/granite feet/vacuum bases

Application:

Ident. No. 300–330: For use with 3D articulated arms for optimum hold.





Ident. No. 320

Ident. No. 330

Ident. No. 340: For use with 3D articulated arms with sliding option. Ident. No. 350: For use with 3D articulated arms on hard stone bases.



Ident. No. 340



Ident. No. 350

Connection thread		M6	M8	M8	M10 x 1.25	M8	M8
Adherence strength (N)	300	750	1000	1500	-	400
Length x width x heig	ht	36 x 30 x 35 mm	60 x 50 x 55 mm	75 x 50 x 55 mm	120 x 60 x 55 mm	150 x 120 x 50 mm	-
Ø (mm)		-	-	-	-	-	88
34075	Ident. No.	300	310	320	330	340	350
	Price/unit, €	•	•	•	•	•	•

Prod. Gr. 3AB

RIO

Measuring stand With guide rail

Application:

For measuring the concentricity or parallelism of workpieces. Side surfaces can be used as a stop.

Execution:

34001...

Prod. Gr. 345

- Cast iron foot with prismatic base (fine-ground support surface and lateral faces)
- Transverse arm with fine adjustment and 8 mm diameter hole for dial gauges, precision pointers or electronic length measuring probes

Measuring column can be moved in T-groove

Delivery: Without dial gauge

Technical data: ■ Height: 335 mm

Ident. No.

- Measuring arm diameter: 16 mm
- Measuring arm length: 180 mm
- Base size: 250 x 60 x 35 mm





Supplied without dial gauge



DRION® Small measuring stand



Ideal for use with lever gauge probes and small dial gauges.

Execution:

- Round permanent magnetic base
- Chrome-plated joint system
- Holder for 8 mm shaft diameters and dovetail

mount 34130...

Prod. Gr. 3BE

Measuring stand TRO With magnet

Application: Ideal for use with lever gauge probes and small dial gauges.

Without dial gauge

Delivery:

Without dial gauge

Technical data:

Height: 155 mm

 Measuring arm diameter: 8 mm Measuring arm length: 60 mm

Adherence strength: 220 N

Diameter of contact surface: 35 mm

021

Execution:

- Switching magnet with prismatic base
- Holder for 8 mm shaft diameters and dovetail mount
- Base size: 58 x 50 x 65 mm Adherence strength: 650 N

34160..

Prod. Gr. 3BE



Application:

Ideal for use with lever gauge probes and small dial gauges.

Execution:

- · Cross joint can be rotated and swivelled through 360°
- Extremely high clamping force in the joints
- Holder for 8 mm shaft diameters and dovetail mount
- Switching magnet with prismatic base

34165...

Prod. Gr. 3AB

Measuring stand

With magnet

Application:

Ideal for use with lever gauge probes and small dial gauges.

Execution:

- Switching magnet with prismatic base
- Holder for 8 mm shaft diameters and dovetail mount
- Without dial gauge Technical data:
- Height: 285 mm Measuring arm diam
- Measuring arm length
- Base size: 70 x 46 x
- Adherence strength: 600 N



Supplied without dial gauge

34170... Prod. Gr. 345

Accessories and spare parts

for measuring stand 34170010

34172	Magnetic base 70 x 45 x 65 mm with M10 thread	ldent. No. Price/unit, €	010 ●
34173	Complete transverse helder with erece piece	Ident. No.	010
34173	Complete transverse holder with cross piece		•
Drod Cr 245			

Prod. Gr. 345





992

Delivery:

Ident. No.

Price/unit, €

Technical data:

- Height: 240 mm
- Measuring arm diameter: 12 mm
- Measuring arm length: 180 mm

Ident, No. Price/unit, €

 Micro-fine adjustment Delivery:

Without dial gauge

Height: 285 mm

Adherence strength: 600 N

Ident. No.

Deliverv:

Ident. No.

Price/unit, €

Price/unit, €

Technical data:

Measuring arm diameter: 16 mm

Measuring arm length: 180 mm Base size: 70 x 46 x 65 mm





011





eter: 16 mm	
th: 180 mm	
65 mm	
600 N	

010

010



Flexible column

Application:

For measuring in hard-to-reach places.

Execution:

- Switching magnet with prismatic base
- Holder for 8 mm shaft diameters and dovetail mount
- Central clamping using eccentric clamping lever Fine adjustment

34185...

Prod. Gr. 3AB

small measuring tables TRON

Execution:

- Hardened, ground and lapped table
- Hardened and ground column
- Mount for dial gauges and precision pointers diameter 8 mm
- No. 34250: Round table permanently mounted on cast iron base, with rigid arm, without fine adjustment
- No. 34270: Table surface with dust grooves, cross arm horizontally adjustable, without fine adjustment

010

Technical data:

Delivery: Without dial gauge

Ident No

Price/unit, €

Technical data:

Height: 380 mm

 Measuring arm diameter: 17 mm Measuring arm length: 300 mm

Base size: 70 x 46 x 65 mm

Adherence strength: 500 N

Suitable for shaft diameter: 8 mm







No. 34270

Measuring table size		-	68 x 60 x 150	115 x 98 x 150		
Measuring table Ø (mm)		50	-	-		
Max. measurement height (mm)		100	150	150		
Height (mm)		210	260	290		
Pillar Ø (mm)	Pillar Ø (mm)		22 22		22	28
Overhang (mm)	Overhang (mm)		49 90			
Flatness tolerance (µm)		2	2	4		
34250	Ident. No.	100				
34250	Price/unit, €	•	-	-		
34270	Ident. No.		100	200		
34270	Price/unit, €	-	•	•		

Prod. Gr. 3BE

small measuring table TRION with threaded spindle

Execution:

- Table adjustably mounted on 3 points, flatness tolerance of table surface 3 µm
- Hardened and ground column with thread and setting ring for exact height positioning of meas-
- uring arm Mount for dial gauges and precision pointers diameter 8 mm

-	Tec	hni	ical	l da	ta:

- Height: 300 mm
- Pillar diameter: 35 mm
- Suitable for shaft diameter: 8 mm
- Overhang: 85 mm
- Flatness tolerance: 3 µm



nt. No. 011

Measuring table size		100 x 100 x 140	95 x 95 x 150	- Ident.
Max. measurement height (mm)		140	150	ident.
34272	Ident. No.	011	021	
	Price/unit, €	•	•	
Prod. Gr. 3BE				

ATORN® Universal measuring table made from hard stone (DIN 876-1) with 3D articulated arm

Application:

- For positioning components requiring a high-precision base
- Execution:
- M8 measuring table insert nut
 - Holder for 8 mm shaft diameters and dovetail mount
 - articulated arm with operating radius of 285 mm

	Measuring table size	Adapter Ø (mm)	Overhang (mm)		
34310	400 x 250 x 50	0	285	Ident. No.	100
34310	400 X 250 X 50 8	0	200	Price/unit, €	•



ICO





Prod. Gr. 340

ATORN® precision measuring tables made from hard stone (DIN 876-1)

Application:

For positioning components requiring a high-precision base.

Execution:

- Ident. No. 110-115, 125-135:
- post made from chrome steel



Ident. No. 110

Ident, No. 115

- holder for 8 mm shaft diameter
- Ident. No. 120:
- Post made from chrome steel Holder for 8 mm shaft diameter
- Ident. No. 120, 130–135: with guick thread
- Ident. No. 135: With fine adjustment



Ident. No. 120



Ident. No. 130

		Measuring table size	Max. measurement height (mm)	Adapter Ø (mm)	Overhang (mm)		
34310	Rigid arm	200 x 100 x 50	180	8	60	Ident. No. Price/unit, €	110 ●
34310	Rigid arm	250 x 200 x 50	210	8	120	ldent. No. Price/unit, €	115 ●
34310	with rigid arm	250 x 200 x 50	210	8	120	ldent. No. Price/unit, €	120 ●
34310	movable transverse arm	250 x 200 x 50	230	8	200	ldent. No. Price/unit, €	130 ●
34310	movable transverse arm	250 x 200 x 50	230	8	120	Ident. No. Price/unit, €	125 ●
34310	with rigid arm	250 x 200 x 50	230	8	200	ldent. No. Price/unit, €	135 ●

Prod. Gr. 340

Measuring tables ORIO

made of hard stone

Application:

For positioning components requiring a high-precision base.

Execution:

 Hard chrome-plated column with adjusting thread and adjusting ring for precise height setting



No. 34310: Rigid arm

- No. 34312: Parallel fine adjustment
- No. 34314: Movable transverse arm







No. 34314

	Measuring table size	Flatness tolerance (µm)	Max. measurement height (mm)	Height (mm)	Adapter Ø (mm)		
34310	240 x 140 x 50	3	130	280	8	Ident. No. Price/unit, €	010 ●
34310	300 x 210 x 60	3	200	360	8	Ident. No. Price/unit. €	020 O
34310	400 x 300 x 70	3	260	450	8	Ident. No. Price/unit, €	030 (○) ⁺
34312	240 x 140 x 50	3	135	280	8	Ident. No. Price/unit, €	010 ●
34312	300 x 210 x 60	3	235	360	8	Ident. No. Price/unit, €	020 ●
34312	400 x 300 x 70	3	265	450	8	Ident. No. Price/unit, €	030 (○) ⁺
34314	240 x 140 x 50	3	165	280	8	Ident. No. Price/unit, €	010 ●
34314	300 x 210 x 60	3	260	360	8	Ident. No. Price/unit, €	020 ●
34314	400 x 300 x 70	3	300	450	8	Ident. No. Price/unit, €	030 ● ⁺

Prod. Gr. 3BE

994







Measuring table

Made of natural hard stone

Application:

For positioning components requiring a high-precision base.

Flatness tolerance

(µm)

2.5

Adapter Ø

(mm)

8

Execution:

34295...

Prod. Gr. 341

post diameter 18mm

cross joint with locking screw

Measuring

table size

300 x 200

x 50

•	movable t	ransverse	arm	with	fine	adjustment,	
	diameter	16mm					

Delivery: Without precision pointer, with test report

Pillar Ø

(mm)

18

Overhang

(mm)

230

 location hole for display units or electronic length-measuring probes with shaft diameter of 8mm

Ident. No.

Price/unit, €

011

•



Supplied without precision pointer

Source: Hahn+Kolb Werkzeuge GmbH Technical data subject to change. Availability subject to country specific rules and regulations.

