

## Micromar 844 A

### Self-Centering Inside Measuring Pistol

#### FEATURES

- Threaded connection for changing the measuring head
- Self-centering measuring head consists of 3 laterally positioned anvils, each are offset at intervals of 120°
- Anvils from 12 mm are carbide-tipped
- From 12 mm the anvils can be used to measure the bottom of a bore
- From 40 mm all measuring heads are made from aluminium to reduce weight
- Measuring value indication is always easy to read when using an electronic dial indicator with a rotatable display
- **Package contains:** excludes indicator, basic units 844 Ag, measuring head 44 Ak, instruction manual, case

#### Application:

For measuring:

- through holes
- blind holes
- centering shoulders

#### TECHNICAL DATA

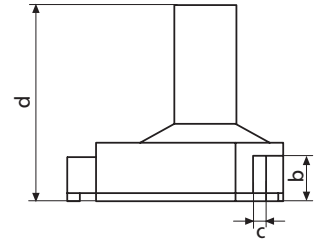
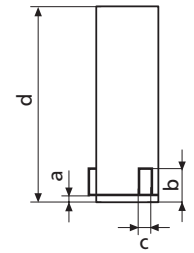
Order no.	Product type	Measuring range		Error limit	Standard	Measuring depth	Measuring depth with extension
		mm	inch				
4487700	844 A	6 – 8	.25 – .3125"	3	Factory standard	58	133
4487701	844 A	8 – 10	.3125 – .4"	3	Factory standard	58	133
4487702	844 A	10 – 12	.4 – .4725"	3	Factory standard	58	133
4487703	844 A	12 – 16	.4725 – .625"	3	Factory standard	64	139
4487704	844 A	16 – 20	.625 – .775"	3	Factory standard	64	139
4487705	844 A	20 – 25	.775 – 1"	3	Factory standard	68	218
4487706	844 A	25 – 30	1 – 1.2"	3	Factory standard	68	218
4487707	844 A	30 – 40	1.2 – 1.6"	3	Factory standard	76	226
4487709	844 A	40 – 50	1.6 – 2"	3	Factory standard	76	226
4487710	844 A	50 – 60	2 – 2.35"	4	Factory standard	79	229
4487711	844 A	60 – 70	2.35 – 2.75"	4	Factory standard	79	229
4487612	844 A	70 – 85	2.75 – 3.35"	4	Factory standard	97	247
4487613	844 A	85 – 100	3.35 – 4"	4	Factory standard	97	247
4487614	844 A	100 – 125	4 – 4.9"	5	Factory standard	132	282
4487615	844 A	125 – 150	4.9 – 5.9"	5	Factory standard	132	282
4487616	844 A	150 – 175	5.9 – 6.9"	6	Factory standard	132	282
4487617	844 A	175 – 200	6.9 – 7.9"	6	Factory standard	132	282



# Micromar 844 A

## Self-Centering Inside Measuring Pistol

Order no.	a	b	c	d
	mm	mm	mm	mm
4487700	1.5	4	1.5	58
4487701	1.8	4.3	1.5	58
4487702	1.8	4.3	1.5	58
4487703		6.5	4	64
4487704		6.5	4	64
4487705		9	4	68
4487706		9	4	68
4487707		15	5	76
4487709		15	5	76
4487710		18	5	79
4487711		18	5	79
4487612		23	7	97
4487613		23	7	97
4487614		27	7	132
4487615		27	7	132
4487616		27	7	132
4487617		27	7	132



### ACCESSORIES

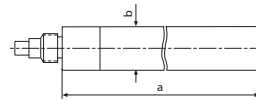
Order no.	g	Product name	Type
4337621		Digital indicator, 0.0005 mm, 25 mm	1086 R
4337625		Digital indicator, 0.0005 mm, 25 mm	1086 Ri
4102915		Digimatic data cable (2 m)	16 EWd
4102410		Data connection cable RS232C (2 m)	16 EXr
4102357		16 EXu Data connection cable USB (2 m)	16 EXu
4710026		Adjustment ring DIN 2250 C (8 mm)	355 E
4710030		Adjustment ring DIN 2250 C (10 mm)	355 E
4710036		Adjustment ring DIN 2250 C (16 mm)	355 E
4710040		Adjustment ring DIN 2250 C (20 mm)	355 E
4710050		Adjustment ring DIN 2250 C (30 mm)	355 E
4710060		Adjustment ring DIN 2250 C (40 mm)	355 E
4710080		Adjustment ring DIN 2250 C (60 mm)	355 E
4710105		Adjustment ring DIN 2250 C (85 mm)	355 E
4710121		Adjustment ring DIN 2250 C (125 mm)	355 E
4710122		Adjustment ring DIN 2250 C (175 mm)	355 E
4190090	M5x0.5	Extensions 75 mm, (6 –12 mm)	44 Av
4190091	M5x0.5	Extensions 75 mm, (12 –20 mm)	44 Av
4190092	M12x1	Extensions 150 mm, (20 –30 mm)	44 Av
4190093	M12x1	Extensions 150 mm, (30 –200 mm)	44 Av
4102220		Receiver for instruments with Integrated Wireless	i-Stick



1086 R;1086 R-HR;1086 ZR



1086 Ri



44 Av



355 E



i-Stick

# Micromar 844 AS

## Self-centering Measuring Pistol

### FEATURES

- Threaded connection for changing the measuring head
- Self-centering measuring head consists of 3 laterally positioned anvils, each are offset at intervals of 120°
- Anvils from 12 mm are carbide-tipped
- From 12 mm the anvils can be used to measure the bottom of a bore
- From 40 mm all measuring heads are made from aluminium to reduce weight
- Measuring value indication is always easy to read when using an electronic dial indicator with a rotatable display
- **Package contains:** instruction manual, setting rings, key for replacing measuring heads (from 30 mm), case

### Application:

For measuring:

- Through holes
- Blind holes
- Centering shoulders



### TECHNICAL DATA

Order no.	Product type	Measuring range		Resolution	Standard	Number of measuring heads 44 Ak	Indicating instrument (included in package)	Setting rings
		mm	inch					
4487750	844 AS	6 – 12	.25 – .4725"		Factory standard	3	Without	8 mm, 10 mm
4487751	844 AS	12 – 20	.4725 – .775"		Factory standard	2	Without	16 mm
4487752	844 AS	20 – 50	.775 – 2"		Factory standard	4	Without	25 mm, 40 mm
4487753	844 AS	50 – 100	2 – 4"		Factory standard	4	Without	60 mm, 85 mm
4487760	844 AS	6 – 12	.25 – .4725"	0.0005 / .00002"	Factory standard	3	MarCator 1086 R	8 mm, 10 mm
4487761	844 AS	12 – 20	.4725 – .775"	0.0005 / .00002"	Factory standard	2	MarCator 1086 R	16 mm
4487762	844 AS	20 – 50	.775 – 2"	0.0005 / .00002"	Factory standard	4	MarCator 1086 R	25 mm, 40 mm
4487763	844 AS	50 – 100	2 – 4"	0.0005 / .00002"	Factory standard	4	MarCator 1086 R	60 mm, 85 mm

### ACCESSORIES

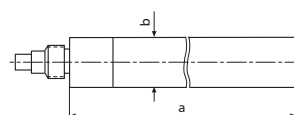
Order no.	Product name	Product type
4102357	16 EXu data connection cable USB (2 m)	16 EXu
4102410	Data connection cable RS232C (2 m)	16 EXr
4102915	Digimatic data cable (2 m)	16 EWd
4102231	16 EWe transmitter for e-Stick	16 EWe
4102230	e-Stick receiver	e-Stick
4190090	Extensions 75 mm, (6 – 12 mm)	44 Av
4190091	Extensions 75 mm, (12 – 20 mm)	44 Av
4190092	Extensions 150 mm, (20 – 30 mm)	44 Av
4190093	Extensions 150 mm, (30 – 200 mm)	44 Av



16 EWe



e-Stick



44 Av

# Micromar 844 Ag

## Basic Instrument Measuring Pistol

### FEATURES

- Threaded connection for changing the measuring head
- Any indicating instrument with an 8 mm mounting shank can be used
- Scope of delivery Model 6–100 mm: includes adapter for 6–20 mm
- **Package contains:** instruction manual, case



### TECHNICAL DATA

Order no.	Product type	Measuring range	
		mm	inch
4487635	844 Ag	6–100	.25–4.0"
4487633	844 Ag	20–100	.775–4.0"
4487634	844 Ag	100–200	4.0–7.9"

### ACCESSORIES

Order no.	Product name	Product type
4190330	Measuring head, 6–8 mm	44 Ak
4190331	Measuring head, 8–10 mm	44 Ak
4190332	Measuring head, 10–12 mm	44 Ak
4190333	Measuring head, 12–16 mm	44 Ak
4190334	Measuring head, 16–20 mm	44 Ak
4190335	Measuring head, 20–25 mm	44 Ak
4190336	Measuring head, 25–30 mm	44 Ak
4190337	Measuring head, 30–40 mm	44 Ak
4190339	Measuring head, 40–50 mm	44 Ak
4190340	Measuring head, 50–60 mm	44 Ak
4190341	Measuring head, 60–70 mm	44 Ak
4190042	Measuring head, 70–85 mm	44 Ak
4190043	Measuring head, 85–100 mm	44 Ak
4487410	Adapter for 844 Ag 6–20 mm	844 Aga
4190044	Measuring head, 100–125 mm	44 Ak
4190045	Measuring head, 125–150 mm	44 Ak
4190046	Measuring head, 150–175 mm	44 Ak
4190047	Measuring head, 175–200 mm	44 Ak