

Self-Centering Measuring Pistol 844 A



Application

- For measuring:
- through holes
 - blind holes
 - centering shoulders

Features

- Basic Instrument consists of: 844 Ag and Measuring Head 44 Ak
- Threaded connection for changing the measuring heads
- Self-Centering measuring head consists of 3 laterally positioned anvils, each are offset at intervals of 120°
- Anvils from 12.5 mm are carbide tipped
- From 12.5 mm the anvils can be used to measure to the bottom of a bore
- From 40 mm all measuring heads are made from aluminum to reduce weight
- Scope of supply: Case

The following indicating instruments are recommended:

Indicating instr.	Order no.
Millitast 1082	4336200
Millitast 1083	4336801
Millitast 1085	4336300
XLI-40000	XLI-40000

Technical Data

Measuring range		Error limit G *	Order no.**
mm	(inch)		
6 - 8	(.25 - .3125")	3 / 0.00015	4487600
8 - 10	(.3125 - .4")	3 / 0.00015	4487601
10 - 12.5	(.4 - .5")	3 / 0.00015	4487602
12.5 - 16	(.5 - .625")	3 / 0.00015	4487603
16 - 20	(.625 - .775")	3 / 0.00015	4487604
20 - 25	(.775 - 1")	3 / 0.00015	4487605
25 - 30	(1.0" - 1.2")	3 / 0.00015	4487606
30 - 35	(1.2 - 1.4")	3 / 0.00015	4487607
35 - 40	(1.4 - 1.6")	3 / 0.00015	4487608
40 - 50	(1.6 - 2.0")	3 / 0.00015	4487609
50 - 60	(2.0 - 2.35")	4 / 0.00016	4487610
60 - 70	(2.35 - 2.75")	4 / 0.00016	4487611
70 - 85	(2.75 - 3.35")	4 / 0.00016	4487612
85 - 100	(3.35 - 4.0")	4 / 0.00016	4487613
100 - 125	(4.0 - 4.9")	5 / 0.0002	4487614
125 - 150	(4.9 - 5.9")	5 / 0.0002	4487615
150 - 175	(5.9 - 6.9")	6 / 0.00025	4487616
175 - 200	(6.9 - 7.9")	6 / 0.00025	4487617

Self-Centering Measuring Pistol Set 844 AS

Measuring range	Number of measuring heads	Ring Gages	Order no. with Digital Indicator 1083	Order no.**
mm	(inch)	ø mm		
6 - 12.5	(.25 - .5")	8 / 10	4487660	4487650
12.5 - 25	(.5 - 1")	16 / 20	4487661	4487651
25 - 50	(1 - 2")	30 / 40	4487662	4487652
50 - 100	(2 - 4")	60 / 85	4487663	4487653

- Scope of supply: 1 Basic Instrument 844 Ag, Measuring Heads 44 Ak, case and ring gages (includes a traceable calibration certificate for the ring gage)

* Indicator is not taken into consideration, over the full length of the anvils

** Excludes indicator



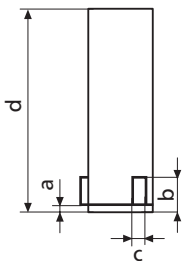
Accessories for 44 A, 44 EX, 844 A

Measuring Heads 44 Ak

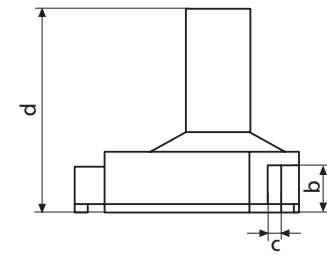
- Self-Centering measuring head consists of 3 laterally positioned anvils, each are offset at intervals of 120°
- Anvils from 12.5 mm are carbide tipped
- As of 12.5 mm the anvils can be used to measure to the bottom of a bore
- From 40 mm all measuring heads are made from aluminum to reduce weight

Measuring range mm	(inch)	Order no.
6 - 8	(.25 - .3125")	4190030
8 - 10	(.3125 - .4")	4190031
10 - 12.5	(.4 - .5")	4190032
12.5 - 16	(.5 - .625")	4190033
16 - 20	(.625 - .775")	4190034
20 - 25	(.775 - 1.0")	4190035
25 - 30	(1.0 - 1.2")	4190036
30 - 35	(1.2 - 1.4")	4190037
35 - 40	(1.4 - 1.6")	4190038
40 - 50	(1.6 - 2.0")	4190039
50 - 60	(2.0 - 2.35")	4190040
60 - 70	(2.35 - 2.75")	4190041
70 - 85	(2.75 - 3.35")	4190042
85 - 100	(3.35 - 4.0")	4190043
100 - 125	(4.0 - 4.9")	4190044
125 - 150	(4.9 - 5.9")	4190045
150 - 175	(5.9 - 6.9")	4190046
175 - 200	(6.9 - 7.9")	4190047

Meas. range 6 - 12.5 mm



Meas. range 12.5 - 200 mm



Measuring range mm	a	b	c	d
6 - 8	1.3	4.3	2	64
8 - 10	1.8	4.8	2	64
10 - 12.5	2	6	2.5	64
12.5 - 16	-	7	3	65
16 - 20	-	8.5	4	65
20 - 25	-	11	4	70
25 - 30	-	11	4	70
30 - 35	-	12	5	71
35 - 40	-	12	5	71
40 - 50	-	18	5	79
50 - 60	-	18	7	79
60 - 70	-	18	7	79
70 - 85	-	18	7	97
85 - 100	-	18	7	97
100 - 125	-	19	7	132
125 - 150	-	19	7	132
150 - 175	-	19	7	132
175 - 200	-	19	7	132

Ring Gage 44 Ae

- Can be used for 2 consecutive measuring ranges
- Manufacturing tolerance in accordance to DIN 2250C
- Includes a traceable calibration certificate

dia. mm	Order no.	dia. mm	Order no.
8	4190300	40	4190305
10	4190301	60	4190306
16	4190302	85	4190307
20	4190303	125	4190308
30	4190304	175	4190309

Basic Unit 44 EXg

Threaded connection for changing the measuring heads.

Measuring range mm	(inch)	Order no.
6 - 12.5	(.25 - .5")	4190104
12.5 - 100	(.5 - 4.0")	4190105
20 - 100	(.775 - 4.0")	4190101
100 - 200	(4.0 - 7.9")	4190102

Basic Unit Measuring Pistol 844 Ag

Threaded connection for changing the measuring heads. Any indicating instrument with an 8 mm mounting shank can be used.

Measuring range mm	(inch)	Order no.
6 - 100	(.25 - 4.0")	4487630
20 - 100	(.775 - 4.0")	4487631
100 - 200	(4.0 - 7.9")	4487632

Depth Extension Rod 44 Av

Measuring range mm	(inch)	Length a mm	dia. b mm	Order no.
6 - 10	(.25 - .4")	75	5.8	4190090
10 - 20	(.4 - .775")	75	9.5	4190091
20 - 25	(.775 - 1")	150	19.0	4190092
25 - 200	(1 - 7.9")	150	22.0	4190093

