

Marameter 844 KC

Self-centering dial bore gage

FEATURES

- Measuring head made in harden steel, DLC-coated
- Constant measuring force as a result of built-in spring, eliminating user influence
- Extensive modular system is composed of measuring head, transfer needle, holder, depth extension, right angle attachments and setting rings



Application: Standard model with DLC-coated surface

- For indicating measurement of diameter and testing for roundness and conicity of bores
- Especially suitable for testing batches
- Determine the reversal point by rocking in the bore



- **Benefits of DLC Coating**
 - Explanation DLC = Diamond-Like Carbon
 - Extremely high wear resistance, for long service life even on hard or abrasive surfaces
 - Reduction of friction, ideal for sensitive surfaces such as non-ferrous metals and aluminium alloys
 - Wear indicator, worn areas appear as bright spots in the dark DLC coating

- **The minimum set of a measuring instrument consists of:** Measuring head, transfer needle and holder plus indicator unit

- **Package contains:** Measuring holder 844 Kg, probe, expanding pin, wooden case, excludes indicator

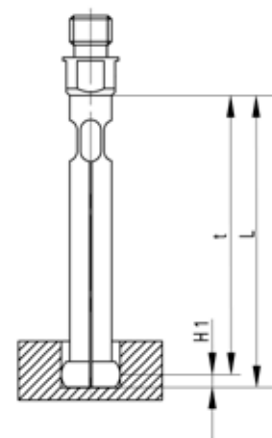
TECHNICAL DATA

Order no.	Type	Nominal size	Individual probe measuring range	Number of measuring probes	Linearity deviation f_e	Repeatability f_w					
		mm	mm	Piece		μm					
4473105	844 KC	1,00	0,95 – 1,15	5	2 %, min. 1 μm	1					
		1,10	1,07 – 1,25								
		1,20	1,17 – 1,35								
		1,30	1,27 – 1,45								
		1,40	1,37 – 1,55								
4473106	844 KC	1,75	1,50 – 1,90	9	1 %, min. 1 μm	1					
		2,00	1,80 – 2,20								
		2,25	2,05 – 2,45								
		2,50	2,30 – 2,70								
		2,75	2,55 – 2,95								
		3,00	2,80 – 3,20								
		3,25	3,05 – 3,45								
		3,50	3,30 – 3,70								
		3,75	3,55 – 3,95								
		4473107	844 KC				4,00	3,70 – 4,30	12	1 %, min. 1 μm	1
4,50	4,20 – 4,80										
5,00	4,70 – 5,30										
5,50	5,20 – 5,80										
6,00	5,70 – 6,30										
6,50	6,20 – 6,80										
7,00	6,70 – 7,30										
7,50	7,20 – 7,80										
8,00	7,70 – 8,30										
8,50	8,20 – 8,80										
9,00	8,70 – 9,30										
9,50	9,20 – 9,80										
4473108	844 KC			1,75	1,50 – 1,90	21	1 %, min. 1 μm	1			
				2,00	1,80 – 2,20						
		2,25	2,05 – 2,45								
		2,50	2,30 – 2,70								
		2,75	2,55 – 2,95								
		3,00	2,80 – 3,20								
		3,25	3,05 – 3,45								
		3,50	3,30 – 3,70								
		3,75	3,55 – 3,95								
		4,00	3,70 – 4,30								
		4,50	4,20 – 4,80								
		5,00	4,70 – 5,30								
		5,50	5,20 – 5,80								
		6,00	5,70 – 6,30								
		6,50	6,20 – 6,80								
		7,00	6,70 – 7,30								
7,50	7,20 – 7,80										
8,00	7,70 – 8,30										
8,50	8,20 – 8,80										
9,00	8,70 – 9,30										
9,50	9,20 – 9,80										
4473109	844 KC	10,00	9,40 – 10,60	11	1 %, min. 1 μm	1					
		11,00	10,40 – 11,60								
		12,00	11,40 – 12,60								
		13,00	12,40 – 13,60								
		14,00	13,40 – 14,60								
		15,00	14,40 – 15,60								
		16,00	15,40 – 16,60								
		17,00	16,40 – 17,60								
		18,00	17,40 – 18,60								
		19,00	18,40 – 19,60								
		20,00	19,40 – 20,60								

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Order no.	Nominal size mm	H1 mm	L mm	Measuring depth mm	Order no.	Nominal size mm	H1 mm	L mm	Measuring depth mm
4473005	1,00	0,6	19,50	10,5	4473008	1,75	0,9	25,30	16
	1,10	0,6	19,50	10,5		2,00	0,9	25,30	16
	1,20	0,6	19,50	10,5		2,25	0,9	25,30	16
	1,30	0,6	19,50	10,5		2,50	1,2	30,60	21
	1,40	0,6	19,50	10,5		2,75	1,2	30,60	21
4473006	1,75	0,9	25,30	16		3,00	1,2	30,60	21
	2,00	0,9	25,30	16		3,25	1,2	30,60	21
	2,25	0,9	25,30	16		3,50	1,2	30,60	21
	2,50	1,2	30,60	21		3,75	1,2	30,60	21
	2,75	1,2	30,60	21		4,00	2,0	47,30	38
	3,00	1,2	30,60	21		4,50	2,0	47,30	38
	3,25	1,2	30,60	21		5,00	2,0	47,30	38
	3,50	1,2	30,60	21		5,50	2,0	47,30	38
4473007	3,75	1,2	30,60	21		6,00	2,0	47,30	38
	4,00	2,0	47,30	38		6,50	2,0	47,30	38
	4,50	2,0	47,30	38	7,00	2,0	47,30	38	
	5,00	2,0	47,30	38	7,50	2,0	47,30	38	
	5,50	2,0	47,30	38	8,00	2,0	47,30	38	
	6,00	2,0	47,30	38	8,50	2,0	47,30	38	
	6,50	2,0	47,30	38	9,00	2,0	47,30	38	
	7,00	2,0	47,30	38	9,50	2,0	47,30	38	
	7,50	2,0	47,30	38	4473009	10,00	3,3	48,50	45
	8,00	2,0	47,30	38		11,00	3,3	48,50	45
	8,50	2,0	47,30	38		12,00	3,3	48,50	45
	9,00	2,0	47,30	38		13,00	3,3	48,50	45
9,50	2,0	47,30	38	14,00		3,3	48,50	45	
				15,00		3,3	48,50	45	
				16,00		3,3	48,50	45	
				17,00		3,3	48,50	45	
				18,00	3,3	48,50	45		
				19,00	3,3	48,50	45		
				20,00	3,3	48,50	45		



ACCESSORIES

Order no.	Description	Type
4333000	Millimess 5 μm , $\pm 130 \mu\text{m}$	1004
4334000	Millimess 1 μm , $\pm 50 \mu\text{m}$	1003
4335000	Millimess 0,5 μm , $\pm 25 \mu\text{m}$	1002
4337662	Digital indicator, 0,0005 mm, 12,5 mm	1087 BR
4337664	Digital indicator, 0,0005 mm, 12,5 mm	1087 BRi
4473375	844 Ke Setting rings in Set for measuring range 1 –1,4 mm	844 Ke
4473400	844 Kg Holder for indicator, $\varnothing 8 \text{ mm}$ / M6 x 0.75	844 Kg
4473401	844 Kga Holder for indicator, $\varnothing 8 \text{ mm}$ / M6 x 0.75	844 Kga
4473402	844 Kgz Holder for indicator, $\varnothing .375''$ / M6 x 0.75	844 Kgz
4473405	844 Kv Extension for measuring depth, length 50 mm	844 Kv
4473406	844 Kv Extension for measuring depth, length 100 mm	844 Kv
4473407	844 Kv Extension for measuring depth, length 250 mm	844 Kv
4473409	844 Kw Angle attachment 90°, M6 x 0.75	844 Kw
4473376	844 Ke Setting rings in Set for measuring range 1,75 –3,75 mm	844 Ke
4473377	844 Ke Setting rings in Set for measuring range 4 –9,5 mm	844 Ke
4473378	844 Ke Setting rings in Set for measuring range 1,75 –9,5 mm	844 Ke
4473379	844 Ke Setting rings in Set for measuring range 10 –20 mm	844 Ke

