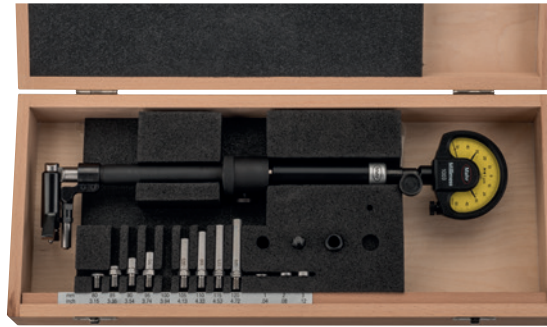


# MaraMeter 844 NR

## Self-centering Dial Bore Gage

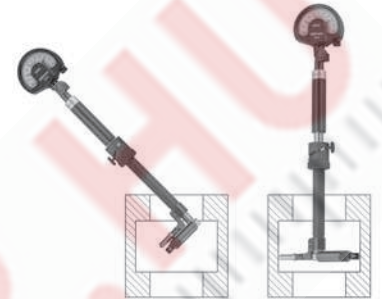
### FEATURES

- Measuring head consists of a carbide tipped, movable measuring bolt and an opposing interchangeable stationary anvil with carbide ball
- Stationary measuring bolt can pivot through 180°, giving rise to a very long return travel path of up to 40% of the measured bore
- Movements of the measuring bolt are transmitted to the indicating instrument via the ring segment
- The broad centering bridge ensures automatic centering in the bore
- Resistant to temperature because the shaft and transfer rod are made of heat resistant Invar steel
- Carbide tipped measuring contacts for high wear resistance
- Constant measuring force thanks to built-in and independent measuring force spring preventing external interference
- Universally applicable and extremely versatile
  - Each instrument spans a broad measuring range
  - Quick and easy to adjust to any size (within its range)
- Invar steel has a particularly low expansion coefficient
  - instrument totally insensitive to any kind of heat (including user body heat and increased ambient temperature)
- **Package contains:** measuring holder, measuring head, anvil spindle, wooden case, excludes indicator



### Application:

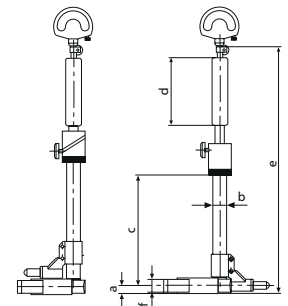
- For measuring poorly accessible bore diameters, grooves and recesses



### TECHNICAL DATA

Order no.	4474580	4474590	4474600	4474610	4474620	4474630	
Product type	844 NR						
Measuring range	mm	50 – 70	60 – 100	80 – 150	120 – 220	180 – 360	290 – 530
Measuring range	inch	2 – 2.8"	2.4 – 4"	3.2 – 6"	4.7 – 8.7"	7.1 – 14.2"	11.4 – 20.7"
Design	<ul style="list-style-type: none"> <li>• For measuring poorly accessible bore diameters, grooves and recesses</li> </ul>						
Measuring depth	mm	60	95	107	148	170	
Error limit $G_e$	$\mu\text{m}$	2		3			
Repeatability $f_w$	$\mu\text{m}$	1		1.5			

Order no.	a	b	c	d	e	f
	mm	mm	mm	mm	mm	mm
4474580	5	12	60	60	203	6
4474590	7	15	110	80	264	8
4474600	7	15	110	80	264	8
4474610	7.5	15	110	80	264	10
4474620	11	23	150	90	343	10
4474630	15	30	170	90	409	10



### ACCESSORIES

Order no.	Product name	Product type
4333000	Millimess 5 $\mu\text{m}$ , $\pm 130 \mu\text{m}$	1004
4334000	Millimess 1 $\mu\text{m}$ , $\pm 50 \mu\text{m}$	1003
4335000	Millimess 0.5 $\mu\text{m}$ , $\pm 25 \mu\text{m}$	1002
4337662	Digital indicator, 0.0005 mm, 12.5 mm	1087 BR
4337664	Digital indicator, 0.0005 mm, 12.5 mm	1087 BRi



1004



1003



1002



1087 BR



1087 BRi