

Bore Gages

For easy and accurate measurement of inside diameters

Bore Gages SERIES 526 — for Extra Small Holes



526-101

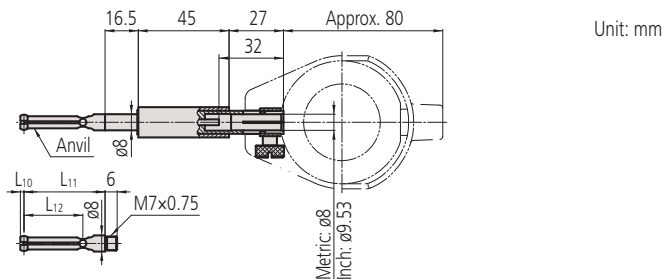
* The dial indicator and the protection cover are optional.

SPECIFICATIONS

Metric		Content of set					Probing depth
Order No.	Range	Bore gage	Dial indicator	Dial protection cover	Anvil		
526-101	7-10mm	526-101	Not supplied	Not supplied	6 pcs.	32mm	
526-102	10-18mm	526-102			8 pcs.	62mm	
526-124	7-10mm	526-101	2109SB-10 (Graduation: 0.001mm)	21DZA000	6 pcs.	32mm	
526-125	10-18mm	526-102			8 pcs.	62mm	
526-126	7-10mm	526-101	2046SB (Graduation: 0.01mm)	21DZA000	6 pcs.	32mm	
526-127	10-18mm	526-102			8 pcs.	62mm	

Inch		Content of set					Probing depth
Order No.	Range	Bore gage	Dial indicator	Dial protection cover	Anvil		
526-103	.3-.4"	526-103	Not supplied	Not supplied	6 pcs.	1.25"	
526-104	.4-.7"	526-104			8 pcs.	2.42"	
526-122	.3-.4"	526-103	2923SB-10 (Graduation: .0001")	21DZA000	6 pcs.	1.25"	
526-123	.4-.7"	526-104			8 pcs.	2.42"	
526-119	.3-.4"	526-103	2922SB (Graduation: .0005")	21DZA000	6 pcs.	1.25"	
526-120	.4-.7"	526-104			8 pcs.	2.42"	

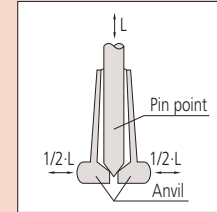
DIMENSIONS



STANDARD ACCESSORIES

Bore gage (Main body)	Anvil				L10	L11	L12	Wrench Parts No.
	Marked No.	Parts No.	Measuring range	Range				
526-101 526-103	1	102469	7.0 - 7.5mm	.28 - .30"	1.8mm/.07"	40mm/1.57"	29.2mm/1.15"	102148
	2	102470	7.5 - 8.0mm	.30 - .32"				
	3	102471	8.0 - 8.5mm	.32 - .34"				
	4	102472	8.5 - 9.0mm	.34 - .36"				
	5	102473	9.0 - 9.5mm	.36 - .38"				
	6	102474	9.5 - 10.0mm	.38 - .40"				
526-102 526-104	1	102454	10 - 11mm	.40 - .44"	2.1mm/.08"	46mm/1.81"	38mm/1.50"	102148
	2	102455	11 - 12mm	.44 - .48"				
	3	102456	12 - 13mm	.48 - .52"				
	4	102457	13 - 14mm	.52 - .56"				
	5	102458	14 - 15mm	.56 - .60"	2.7mm/.11"			
	6	102459	15 - 16mm	.60 - .64"				
	7	102460	16 - 17mm	.64 - .68"				
	8	102461	17 - 18mm	.68 - .72"				

Measurement principle



Technical Data

Accuracy
Metric models: 7-10mm, 4µm / 10-18mm, 6µm
Inch models: .3-.4", .00016" / .4-.7", .00024"
Repeatability
Metric models: 2µm
Inch models: .00008"

Optional accessories

-: Dial indicator (See Chapter F)
21DZA000: Dial protection cover
 -: Setting ring (See page C-47)
215-120-10: Stand for small holes

Recommended dial indicators

Metric models: 2046SB (0.01mm)
2972TB (0.01mm - One-revolution type)
2109SB-10 (0.001mm)
2900SB-10 (0.001mm - One-revolution type)
Inch models: 2922SB (.0005")
2977TB (.0005" - One-revolution type)
2923SB-10 (.0001")
2910SB-10 (.0001" - One-revolution type)

Recommended digimatic indicators

Metric models: 543-264B (ID-C112GB, 0.001mm)
Inch models: 543-266B (ID-C112GEB, 0.001mm/.00005")
* Indicators equipped with rubber bellows, such as water-proof types, cannot be used.

Wrench
No.102148

