

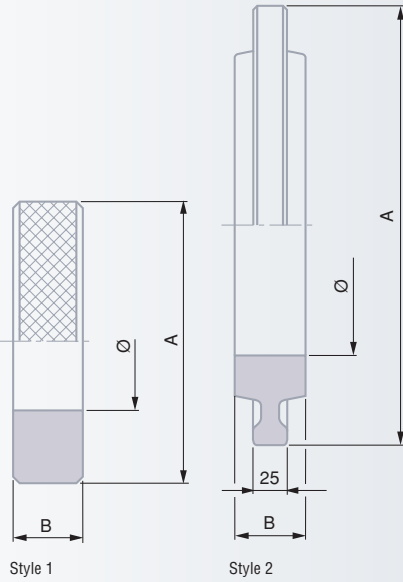
MERCER Setting Standards

Air gauge applications using MERCER products require (at least) two setting standards.

- Supplied with a calibration certificate upon request.

MERCER Setting Rings for Air Plug Gauges

- Application ranges from 1,30 to 150,00 mm/0.051 to 5.90 in.



mm	A mm	B mm
$d_n \leq 6$	Ø 24	8
$6 \leq d_n \leq 12$	Ø 28	10
$12 \leq d_n \leq 18$	Ø 42	15
$18 \leq d_n \leq 24$	Ø 56	20
$24 \leq d_n \leq 32$	Ø 72	25
$32 \leq d_n \leq 42$	Ø 90	30
$42 \leq d_n \leq 52$	Ø 100	30
$52 \leq d_n \leq 62$	Ø 110	30
$62 \leq d_n \leq 74$	Ø 130	35
$74 \leq d_n \leq 86$	Ø 142	35
$86 \leq d_n \leq 100$	Ø 154	35
$100 \leq d_n \leq 120$	Ø 184	38*
$120 \leq d_n \leq 140$	Ø 210	38*

* Style 2

A mm	µm*	µm*	µm**	µm	µm
$1,50 \leq d_n \leq 2,97$	1,0	2,5	0,5	0,5	0,5
$2,97 \leq d_n \leq 25,00$	1,0	2,5	0,5	0,5	0,5
$25,00 \leq d_n \leq 61,95$	1,0	2,5	0,75	1,0	0,75
$61,95 \leq d_n \leq 101,85$	2,0	5,0	1,0	1,5	1,0
$101,85 \leq d_n \leq 150,00$	2,0	5,0	1,5	2,0	1,25

* Max. perm. deviation of the mean value measured from the nominal size.
 ** Uncertainty against the actual size or actual deviation marked on the air ring.

AIR GAUGING

MERCER Setting Plugs Gauges for Air Ring Gauges

- Single or double ended plug gauges fitted with a hand grip according to their size.
- Maximum permissible error of 1 μm with respect to the nominal size or nominal deviation.

