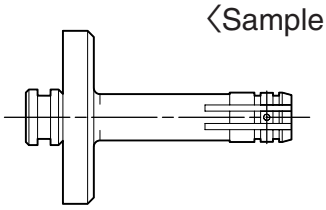
High-Precision Measuring Heads

High-Precision JET

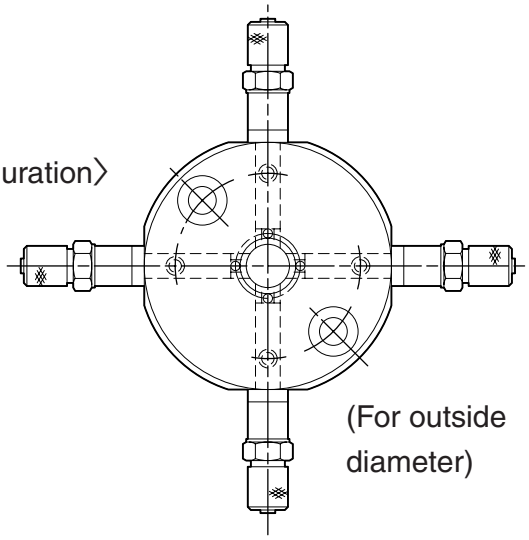
Highly accurate JET is an interval and outer diameter measurement JET that improves the repeat accuracy by replacing a convertinal one diameter measurement nozzle, and adopting the multiway measurement nozzle.

Used in combination with an A/E converter.
Supports supply pressure of 0.25 MPa.

〈Sample Configuration〉



(For inside diameter)



(For outside diameter)

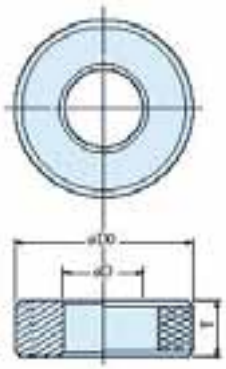
Specifications

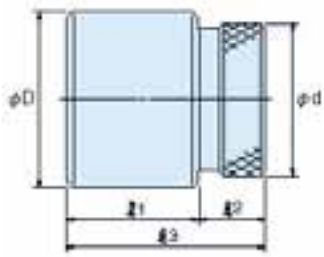
Product code		Measuring range	A Type		B Type		C Type	
Inside diameter	Outside diameter		Measuring range	Repeatability	Measuring range	Repeatability	Measuring range	Repeatability
4300613	———	ϕ1.5 to ϕ2.5	5 μm	0.2 μm	——	——	——	——
4300614	4300617	ϕ2.5 to ϕ4	10 μm	0.2 μm	——	——	——	——
4300615	4300618	ϕ4 to ϕ7	10 μm	0.1 μm	15 μm	0.15 μm	20 μm	0.2 μm
4300616	4300619	ϕ7 to ϕ14	10 μm	0.1 μm	15 μm	0.15 μm	20 μm	0.2 μm

Note: Contact your sales representative for diameters over ϕ14 or multiple unit installations and installation methods.

High-precision JET Master

The high-precision JET masters are used in two-master sets, one upper limit and one for lower limit.
Upper limit and lower limit masters are changed to adjust magnification.
A middle limit master is also available when required.





Product code	ϕD	ϕD0	T
4300620	Greater than ϕ1.5, up to ϕ3	16	3
	Greater than ϕ3, up to ϕ4	20	4
4300621	Greater than ϕ4, up to ϕ5	30	10
4300622	Greater than ϕ5, up to ϕ8	30	12
	Greater than ϕ8, up to ϕ14	34	15

Product code	ϕD	ϕd	ℓ1	ℓ2	ℓ3
4300623	ϕ2.5 to ϕ6	5	25	25	50
4300624	Greater than ϕ6, up to ϕ10	5	25	25	50
4300625	Greater than ϕ10, up to ϕ14	8	25	25	50