



5"+ Transmission Spheres for 4" Fizeau interferometers



Key τFRIN benefits:

- Expander + Transmission Sphere - two-component aplanatic design
with replaceable transmission spheres
- wide range of F/# from 1:7.1 to 1:0.65
- fast replacement without turning of transmission spheres
- $\lambda = 633 \text{ nm}$, versions for 532 nm, 1064 nm and other wavelengths available by request
- Expander's 4" bayonet of the "state-of-the-art design" can be customized
- enhanced capabilities due to internal expansion of 4" input beam:
extended ranges of radii and diameters for surfaces to be tested
- optimized for optical shop testing
- compatibility with major 4" interferometers
- accuracy of reference surfaces $\lambda/15$
- owing to installation features suitable for horizontal and vertical test schemes
- convenient colour marking

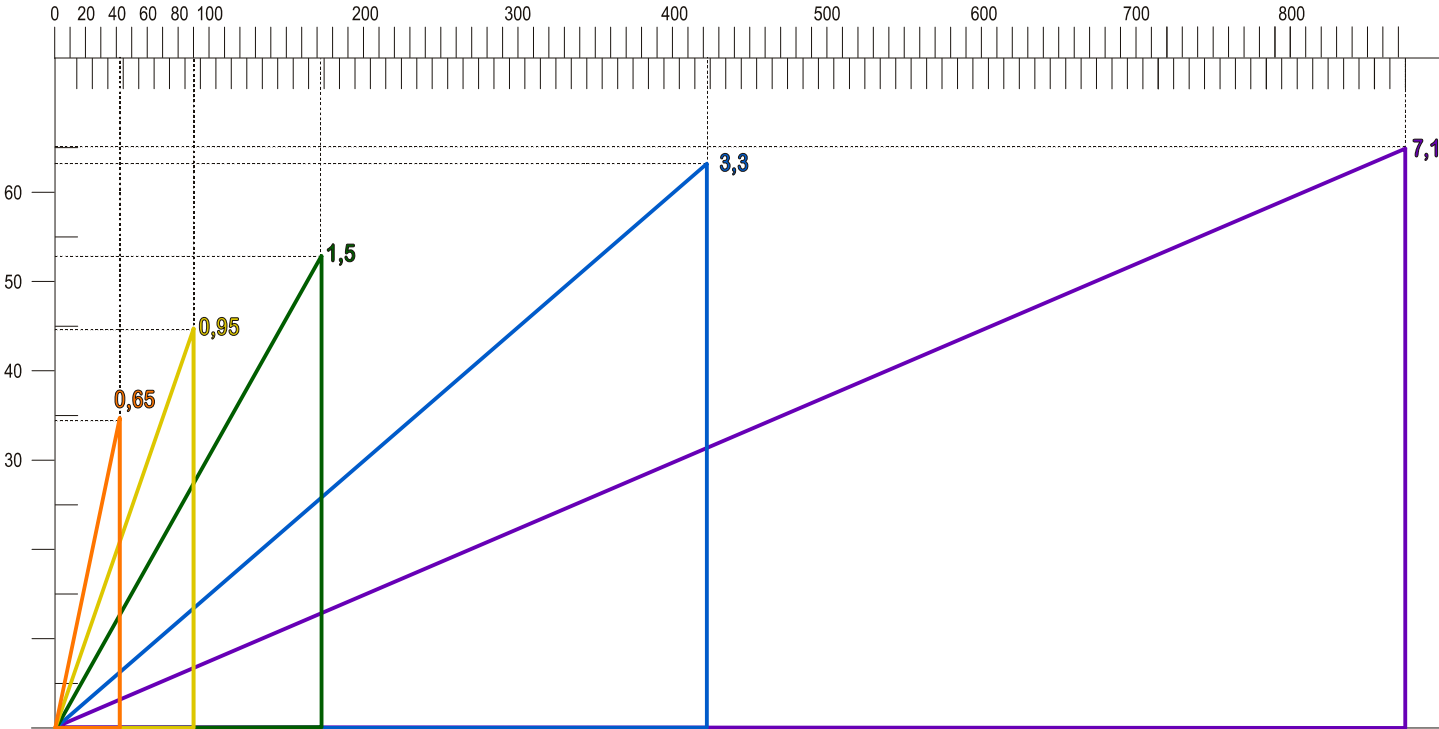
Set of Transmission Spheres



Model	F/#	Reference sphere		NA
		Radius, mm	Dia, mm	
τ FRIN 1:0.65 CX	1:0.65	44 CC	68	0.77
τ FRIN 1:0.95 CX	1:0.95	90 CC	95	0.53
τ FRIN 1:1.5 CX	1:1.5	172 CC	116	0.33
τ FRIN 1:3.3 CX	1:3.3	422 CC	128	0.15
τ FRIN 1:7.1 CX	1:7.1	958 CC	135	0.07
τ FRIN Adapter-Expander				

Specifications are subject to change without notice

τ FRIN Selection Diagram



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