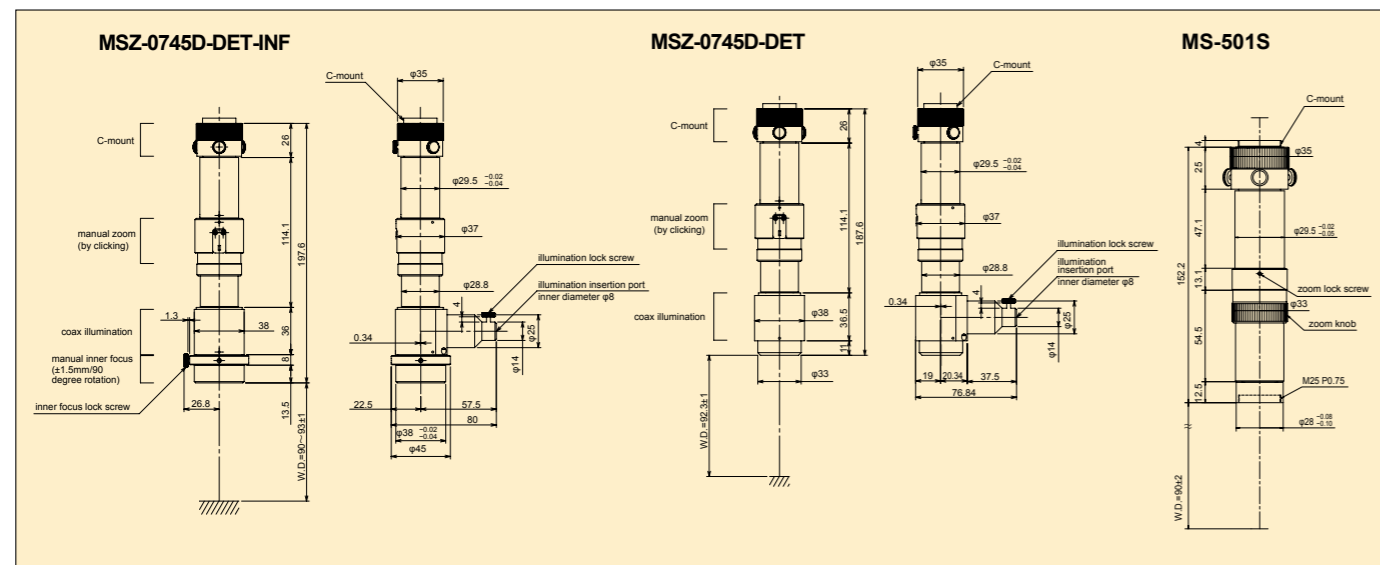


Compact Zoom Tube series

0.7X ~ 4.5X Zoom Tube

0.7X ~ 4.5X Short Zoom Tube

MSZ-0745D-DET(-INF) is a compact zoom tube lens with magnification of 0.7X-4.5X. Ideal for having consistent inspection at different magnifications. Discrete zoom values (in the zoom range) can be set by click detent. This feature is also provided for inner focus. Magnification of MS-501S can be changed by conversion lens (optional).



Specification

Model #	MSZ-0745-DET (-INF)		MSZ-0745D-DET (-INF)		MS-501S	
Magnification	0.7X	4.5X	0.7X	4.5X	0.7X	4.5X
Coaxial illumination	x		o		x	
Working distance	92.3mm		92.3mm		90mm	
Focal depth	1.8mm	0.13mm	1.8mm	0.13mm	1.8mm	0.13mm
Distortion	0.50%	0.10%	0.50%	0.10%	0.50%	0.10%
Resolution LP/mm	86LP/mm	204LP/mm	86LP/mm	204LP/mm	86LP/mm	204LP/mm
Resolution power	11.6μm	4.9μm	11.6μm	4.9μm	11.6μm	4.9μm
NA	0.029	0.069	0.029	0.069	0.029	0.069
F number	12.8	32.6	12.8	32.6	12.8	32.6
Camera mount	C-MOUNT		C-MOUNT		C-MOUNT	
Equivalent CCD	1/2 inch camera		1/2 inch camera		2/3 inch camera	
Detent click	o		o		x	
An Accessory	2mm Hex wrench		2mm Hex wrench		2mm Hex wrench	
Weight	440 g / (-INF : 470g)		470 g / (-INF : 500 g)		385 g	

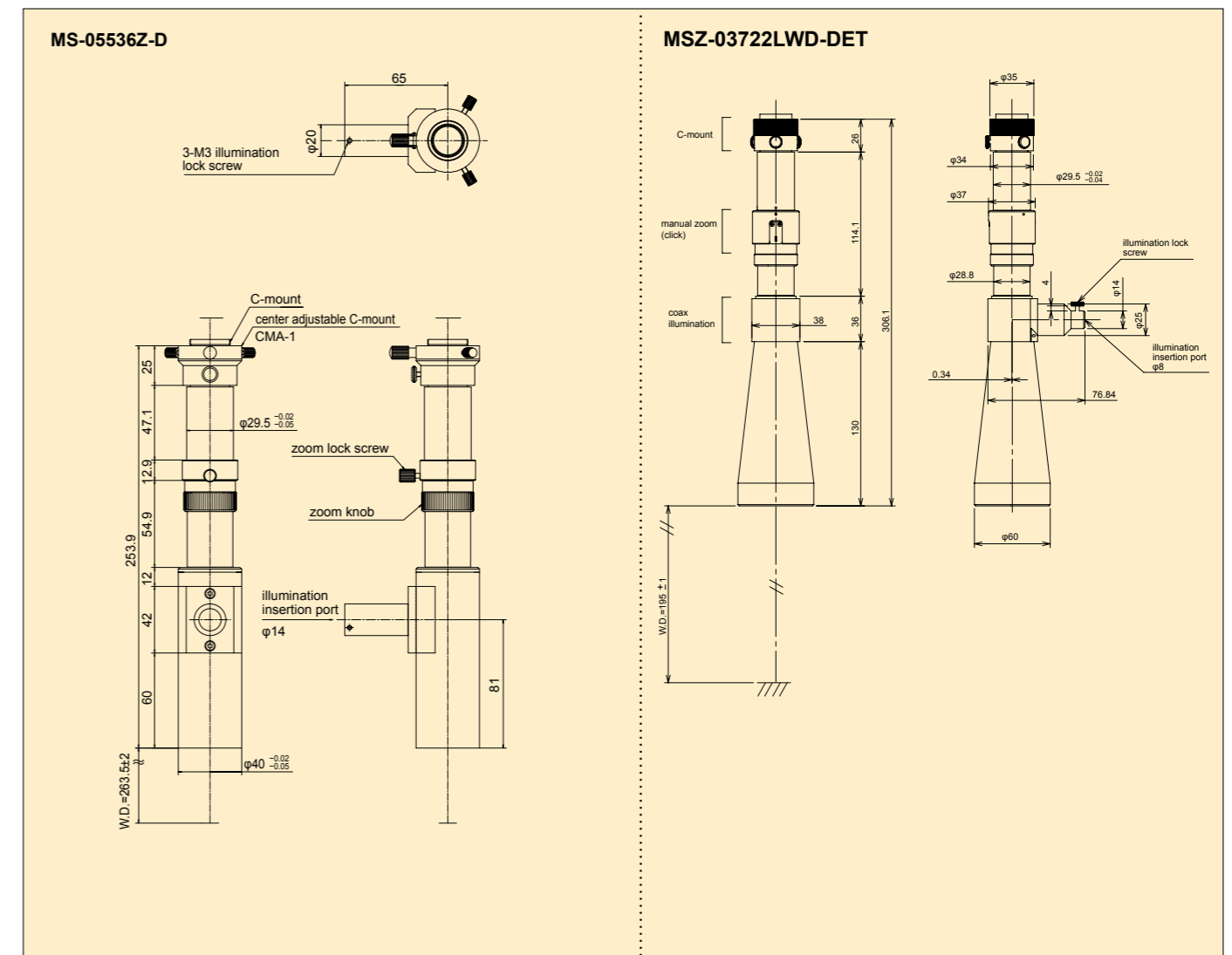
Note : "-INF" is added at the end of a model number if it is with inner focus.
 Note : Amount of focussing -90 degree For rotation ±1.5mm

Low Magnification Zoom Tube series

0.55X ~ 3.6X zoom tube

0.37X ~ 2.23X zoom tube

Compact zoom tube with magnifications 0.55X-3.6X and 0.37X-2.23X. Ideal for having consistent inspection at different magnifications. The option of discrete zoom values, (in the zoom range) achieved by click detent, provided for MSZ-03722LWD-DET lens.



Specification

Model #	MS-05536Z-D		MSZ-03722LWD-DET	
Magnification	0.55X	3.6X	0.37X	2.23X
Coaxial illumination	o		o	
Working distance	263.5mm		195mm	
Focal depth	1.82mm	0.24mm	9.99mm	0.6mm
Distortion	0.22%	0.18%	0.79%	0.26%
Resolution LP/mm	37LP/mm	100LP/mm	21LP/mm	54LP/mm
Resolution power	27.3μm	9.9μm	23μm	9.3μm
NA	0.012	0.034	0.04	0.043
F number	40.7	14.8	17.1	37.6
Camera mount	C-MOUNT		C-MOUNT	
Equivalent CCD	2/3 inch camera		1/2 inch camera	
Detent click	x		o	
Accessory	x		2mm Hex wrench	
Weight	620g		680g	