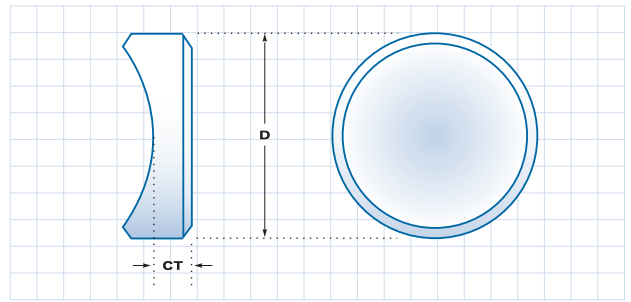


# Spherical Plano Concave BK7 & UVFS Mirror Blanks

(MIC)

## SPECIFICATIONS

Material:	BK7, UVFS
Surface Flatness:	< /10 @ 633nm
Surface Quality:	< 10/5
Diameter Tolerance:	+0.00 / -0.25mm
Thickness Tolerance:	±0.25mm
Centering Error:	< 3 arcmin
Focal Length Tolerance:	±0.5%
Bevel:	0.35mm FW @ 45°
Clear Aperture:	>90% of diameter



### PART NUMBER

BK7	UVFS	FL	D	ET
(All units in mm)				
MIC-10.0-10-B	MIC-10.0-10-U	10	10.0	5.1
MIC-12.7-25-B	MIC-12.7-25-U	25	12.7	5.1
MIC-19.0-25-B	MIC-19.0-25-U	25	19.0	5.1
MIC-25.4-25-B	MIC-25.4-25-U	25	25.4	6.3
MIC-12.7-50-B	MIC-12.7-50-U	50	12.7	5.1
MIC-19.0-50-B	MIC-19.1-50-U	50	19.0	5.1
MIC-25.4-50-B	MIC-25.4-50-U	50	25.4	6.3
MIC-38.1-50-B	MIC-38.1-50-U	50	38.1	7.1
MIC-12.7-75-B	MIC-12.7-75-U	75	12.7	5.1
MIC-25.4-75-B	MIC-25.4-75-U	75	25.4	6.3
MIC-38.1-75-B	MIC-38.1-75-U	75	38.1	7.1
MIC-50.8-75-B	MIC-50.8-75-U	75	50.8	7.6
MIC-12.7-100-B	MIC-12.7-100-U	100	12.7	5.1
MIC-25.4-100-B	MIC-25.4-100-U	100	25.4	6.3
MIC-38.1-100-B	MIC-38.1-100-U	100	38.1	7.1
MIC-50.8-100-B	MIC-50.8-100-U	100	50.8	7.6
MIC-12.7-150-B	MIC-12.7-150-U	150	12.7	5.1
MIC-25.4-150-B	MIC-25.4-150-U	150	25.4	6.3
MIC-38.1-150-B	MIC-38.1-150-U	150	38.1	7.1
MIC-50.8-150-B	MIC-50.8-150-U	150	50.8	7.6
MIC-12.7-200-B	MIC-12.7-200-U	200	12.7	5.1
MIC-25.4-200-B	MIC-25.4-200-U	200	25.4	6.3
MIC-38.1-200-B	MIC-38.1-200-U	200	38.1	7.1
MIC-50.8-200-B	MIC-50.8-200-U	200	50.8	7.6
MIC-12.7-250-B	MIC-12.7-250-U	250	12.7	5.1
MIC-25.4-250-B	MIC-25.4-250-U	250	25.4	6.3
MIC-38.1-250-B	MIC-38.1-250-U	250	38.1	7.1
MIC-50.8-250-B	MIC-50.8-250-U	250	50.8	7.6
MIC-12.7-300-B	MIC-12.7-300-U	300	12.7	5.1
MIC-25.4-300-B	MIC-25.4-300-U	300	25.4	6.3
MIC-38.1-300-B	MIC-38.1-300-U	300	38.1	7.1
MIC-50.8-300-B	MIC-50.8-300-U	300	50.8	7.6
MIC-12.7-400-B	MIC-12.7-400-U	400	12.7	5.1
MIC-25.4-400-B	MIC-25.4-400-U	400	25.4	6.3
MIC-38.1-400-B	MIC-38.1-400-U	400	38.1	7.1
MIC-50.8-400-B	MIC-50.8-400-U	400	50.8	7.6

### PART NUMBER

BK7	UVFS	FL	D	ET
(All units in mm)				
MIC-12.7-500-B	MIC-12.7-500-U	500	12.7	5.1
MIC-25.4-500-B	MIC-25.4-500-U	500	25.4	6.3
MIC-38.1-500-B	MIC-38.1-500-U	500	38.1	7.1
MIC-50.8-500-B	MIC-50.8-500-U	500	50.8	7.6
MIC-12.7-750-B	MIC-12.7-750-U	750	12.7	5.1
MIC-25.4-750-B	MIC-25.4-750-U	750	25.4	6.3
MIC-38.1-750-B	MIC-38.1-750-U	750	38.1	7.1
MIC-50.8-750-B	MIC-50.8-750-U	750	50.8	7.6
MIC-12.7-1000-B	MIC-12.7-1000-U	1000	12.7	5.1
MIC-25.4-1000-B	MIC-25.4-1000-U	1000	25.4	6.3
MIC-38.1-1000-B	MIC-38.1-1000-U	1000	38.1	7.1
MIC-50.8-1000-B	MIC-50.8-1000-U	1000	50.8	7.6
MIC-12.7-2000-B	MIC-12.7-2000-U	2000	12.7	5.1
MIC-25.4-2000-B	MIC-25.4-2000-U	2000	25.4	6.3
MIC-38.1-2000-B	MIC-38.1-2000-U	2000	38.1	7.1
MIC-50.8-2000-B	MIC-50.8-2000-U	2000	50.8	7.6
MIC-12.7-3000-B	MIC-12.7-3000-U	3000	12.7	5.1
MIC-25.4-3000-B	MIC-25.4-3000-U	3000	25.4	6.3
MIC-38.1-3000-B	MIC-38.1-3000-U	3000	38.1	7.1
MIC-50.8-3000-B	MIC-50.8-3000-U	3000	50.8	7.6
MIC-12.7-4000-B	MIC-12.7-4000-U	4000	12.7	5.1
MIC-25.4-4000-B	MIC-25.4-4000-U	4000	25.4	6.3
MIC-38.1-4000-B	MIC-38.1-4000-U	4000	38.1	7.1
MIC-50.8-4000-B	MIC-50.8-4000-U	4000	50.8	7.6
MIC-12.7-5000-B	MIC-12.7-5000-U	5000	12.7	5.1
MIC-25.4-5000-B	MIC-25.4-5000-U	5000	25.4	6.3
MIC-38.1-5000-B	MIC-38.1-5000-U	5000	38.1	7.1
MIC-50.8-5000-B	MIC-50.8-5000-U	5000	50.8	7.6
MIC-12.7-7500-B	MIC-12.7-7500-U	7500	12.7	5.1
MIC-25.4-7500-B	MIC-25.4-7500-U	7500	25.4	6.3
MIC-38.1-7500-B	MIC-38.1-7500-U	7500	38.1	7.1
MIC-50.8-7500-B	MIC-50.8-7500-U	7500	50.8	7.6
MIC-12.7-H100-B	MIC-12.7-H100-U	10000	12.7	5.1
MIC-25.4-H100-B	MIC-25.4-H100-U	10000	25.4	6.3
MIC-38.1-H100-B	MIC-38.1-H100-U	10000	38.1	7.1
MIC-50.8-H100-B	MIC-50.8-H100-U	10000	50.8	7.6
MIC-38.1-H200-B	MIC-38.1-H200-U	20000	38.1	7.1
MIC-50.8-H200-B	MIC-50.8-H200-U	20000	50.8	7.6

ORDERING EXAMPLE:

**MIC - 12.7 - 25 - U**

↑ PRODUCT CODE    ↑ DIAMETER    ↑ FOCAL LENGTH    ↑ MATERIAL