

GKB VISION LTD

TECHNICAL DATA SHEET

DRAWING NUMBER:GKB/V/B/F/04

PRODUCT FAMILY :1.5 D28 70/76MM

GKB VISION LTD

**TECHNICAL DATA
SHEET**

DRAWING NO:GKB/V/B/F/04

AMENDMENT RECORD

Sr. No.	Document No with old Issue No.	Details of Amendent	Reasons for making the change	New issue No with Effective Date

Prepared by

Approved by

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NAME OF THE PRODUCT : D28 70/76 MM
DRAWING NO : GKB/V/B/F/04

ACTUAL FRONT AND BACK CURVE RADIUS

BASE	r1-RADIUS CX(mm)	TRUE CURVE(dpt)	INNER CURVE(dpt)	r2-RADIUS CV(mm)
2.00	265.00	2.00	-6.00	88.33
4.25	127.71	4.15	-6.00	88.33
6.25	85.48	6.20	-6.00	88.33
8.25	65.48	8.09	-6.00	88.33

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BLANK THICKNESS[mm]

**D28 70/76mm
SEMIFINISHED**

**mineral 1.525
WHITE,PBX,PGX**

Addition Power [dpt]	Parameter	BASE					
		0.50	2.00	4.25	6.25	8.25	10.25
0.50	CT/ET		8.6/13.5	7.5/9.8	7.5/7.2	9.5/6.6	
0.75	CT/ET		8.9/13.8	7.7/10.0	7.3/7.0	9.4/6.5	
1.00	CT/ET		8.5/13.4	7.6/9.9	7.2/6.9	8.9/6.0	
1.25	CT/ET		8.7/13.6	7.5/9.8	7.6/7.3	8.9/6.0	
1.50	CT/ET		8.9/13.8	7.7/10.0	7.3/7.0	9.4/6.5	
1.75	CT/ET		8.8/13.7	7.6/9.9	7.3/7.0	9.4/6.5	
2.00	CT/ET		8.8/13.7	7.6/9.9	7.2/6.9	8.9/6.0	
2.25	CT/ET		8.9/13.8	7.3/9.6	7.0/6.7	8.9/6.0	
2.50	CT/ET		8.8/13.7	7.6/9.9	6.9/6.6	8.9/6.0	
2.75	CT/ET		8.6/13.5	7.6/9.9	6.7/6.4	8.7/5.8	
3.00	CT/ET		8.6/13.5	7.4/9.7	6.6/6.3	8.6/5.7	
3.25	CT/ET		8.4/13.3	7.3/9.6	6.9/6.6	8.4/5.5	
3.50	CT/ET		8.4/13.3	7.2/9.5	6.8/6.5	8.3/5.4	
3.75	CT/ET		8.1/13.0	7.1/9.4	6.7/6.4	8.1/5.2	
4.00	CT/ET		7.9/12.8	7.0/9.3	6.6/6.3	8.6/5.7	
4.50	CT/ET			6.6/8.9	6.3/6.0	8.3/5.4	
5.00	CT/ET			6.4/8.7	6.1/5.8	8.1/5.2	
5.50	CT/ET						
6.00	CT/ET						

CT: Center thickness
ET: Edge thickness

MAXIMUM SEGMENT THICKNESS[mm]

**D28 70/76mm
SEMIFINISHED**

**mineral 1.525
WHITE,PBX,PGX**

Addition Power	BASE						
	[dpt]	0.50	2.00	4.25	6.25	8.25	10.25
0.50		1.0	1.1	0.9	0.8		
0.75		1.3	1.3	1.3	1.3		
1.00		0.9	1.7	1.7	1.7		
1.25		1.1	1.1	1.1	2.1		
1.50		1.3	1.3	1.3	1.3		
1.75		1.5	1.5	1.5	1.5		
2.00		1.3	1.7	1.7	1.7		
2.25		1.4	1.9	1.9	1.9		
2.50		1.6	1.5	2.1	2.1		
2.75		1.7	1.7	2.3	2.2		
3.00		1.9	1.9	2.5	2.5		
3.25		2.1	2.0	2.0	2.6		
3.50		2.2	2.2	2.2	2.9		
3.75		2.3	2.3	2.3	3.1		
4.00		2.5	2.5	2.5	2.5		
4.50			2.8	2.8	2.7		
5.00			3.1	3.1	3.1		
5.50				3.4	3.4		
6.00				3.7	3.7		

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REFRACTIVE INDEX SEGMENT

**D28 70/76mm
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**mineral 1.525
WHITE,PBX,PGX**

Addition Power	BASE					
[dpt]	0.50	2.00	4.25	6.25	8.25	10.25
0.50		1.591	1.591	1.591	1.591	
0.75		1.591	1.591	1.591	1.591	
1.00		1.657	1.591	1.591	1.591	
1.25		1.657	1.657	1.657	1.591	
1.50		1.657	1.657	1.657	1.657	
1.75		1.657	1.657	1.657	1.657	
2.00		1.706	1.657	1.657	1.657	
2.25		1.706	1.657	1.657	1.657	
2.50		1.706	1.706	1.657	1.657	
2.75		1.706	1.706	1.657	1.657	
3.00		1.706	1.706	1.657	1.657	
3.25		1.706	1.706	1.706	1.657	
3.50		1.706	1.706	1.706	1.657	
3.75		1.706	1.706	1.706	1.657	
4.00		1.706	1.706	1.706	1.706	
4.50			1.706	1.706	1.706	
5.00			1.706	1.706	1.706	
5.50						
6.00						

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