

Shamir
GENESIS™

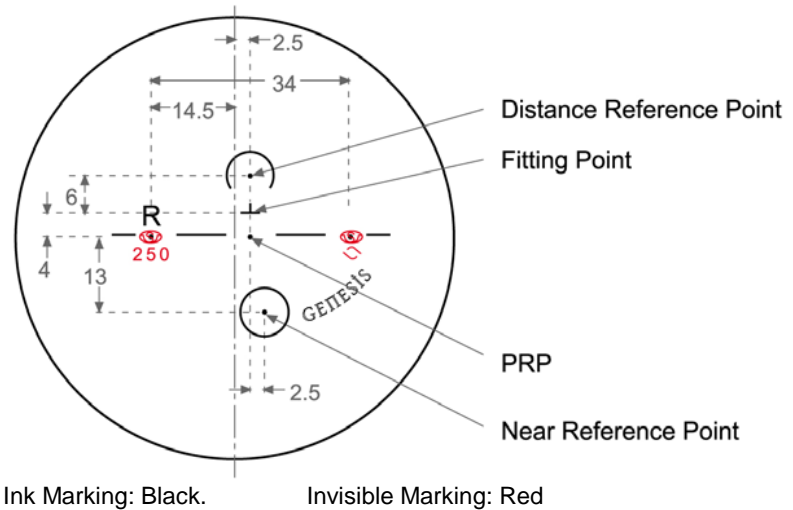


Transitions 1.5

Gray

Material Data:

Index Nd	1.498
Abbe Value Nd	57.0
Density gr/cm ³	1.27



Minimum Fitting Height: 19mm

PRP Decentration: 2.5mm

Fitting Point: 4mm above PRP

*** Do not sag! Use printed sag values for power calculations only.
 Minimum Center Thickness for Surfacing 2.0mm.**

Blank Specifications

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Add Powers
1.50	1.49	355.70	0.88	4.60	9.6	13.0	75 / 80	0.75 – 3.50
3.00	3.16	167.52	1.88	4.60	11.5	12.9	75 / 80	0.75 – 3.50
5.00	5.25	100.95	3.14	6.10	6.5	7.3	75 / 80	0.75 – 3.50
6.50	6.58	80.55	3.98	6.10	8.6	7.3	75 / 80	0.75 – 3.50
7.50	7.34	72.21	4.47	6.10	9.8	7.2	75 / 80	0.75 – 3.50

Prescription Range - Sphere: -8.50[D] to +5.75[D] Cylinder: up to -6.00[D]

Nominal Base	Power Range
1.50	-8.50 to -6.25
3.00	-6.00 to -2.00
5.00	-1.75 to +1.00
6.50	+1.25 to +3.00
7.50	+3.25 to +5.75