

Hidden Markings on Engraved Lenses

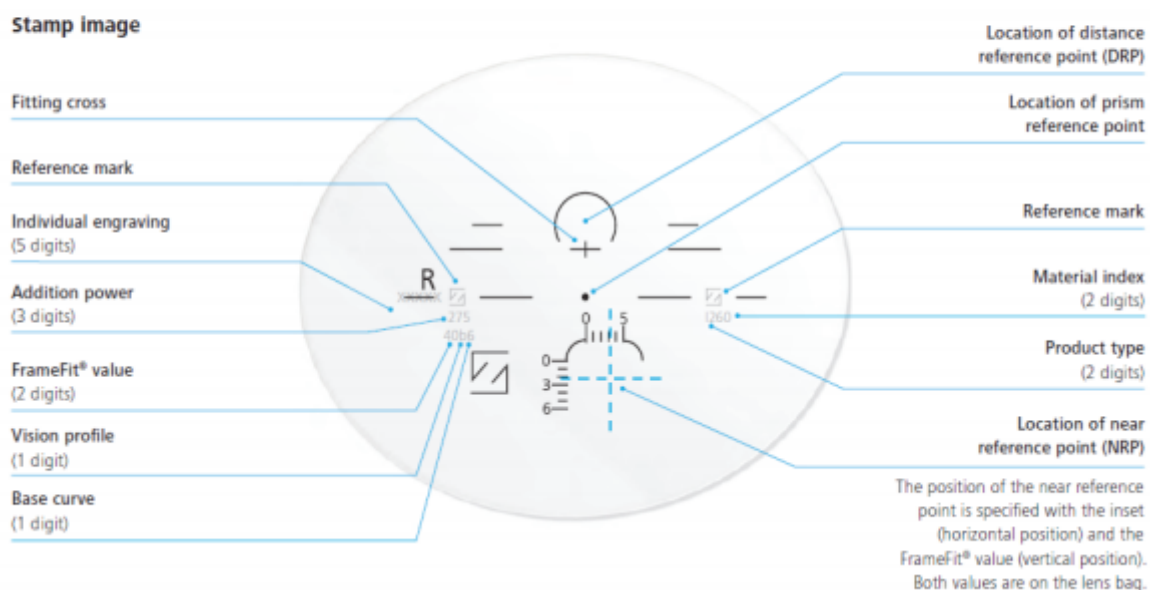
Once a lens blank has been surfaced it is still necessary for the manufacturer, wholesaler and the practitioner to be able to identify the product in terms of what type of lens it is, what material and what add power it has for a progressive lens. For this purpose each blank has set registered identification marks that remain permanently engraved on the front surface. These marks are semi-visible and are generally made in one of two ways.

For progressive semi finished blanks that are moulded the identification marks are part of this process whereby the mould leaves an imprint within the blank surface when it is removed. The second and more modern method of engraving that is used primarily on digital freeform generated lenses is by the use of an excimer laser that very accurately removes a tiny amount of material from the front surface of the lens. The term 'excimer laser' actually refers to a family of gas lasers and is the most efficient source for high power ultraviolet light. Krypton fluoride and argon fluoride work well for lens engraving due to a good combination of average wavelength absorption and average power for working optical materials. The UV pulses ablate material rather than thermally destroying it so that the pulses dissociate chemical bonds too quickly to thermally damage the remaining material. An excimer laser is also used by some manufacturers to engrave a final 'hallmark' onto a finished product that is designed to be seen by reflection on the lens surface as a guarantee of the manufacturers authenticity. A typical set of product identification marks show a temporal engraving, which identifies the addition and a nasal engraving, which identifies the product design and the refractive index.

There are a huge number of registered identification marks and finding these engravings can sometimes be very difficult, particularly if the lens has subsequently been hard and multi antireflection coated, however the use of a strong light source against a matt black background and a good magnifying glass will often pick them out. Commercially available progressive lens identifiers can also be purchased. The two identical markings above the lens information engravings are used not only to help a wholesaler or practitioner identify the manufacturer and the lens type, but also as an accurate guide for the horizontal laying off of the lens for glazing. The distance between these engravings is set as an International Standard at 34mm apart.

On occasions a progressive lens wearer may complain that they can see these engravings whilst wearing their lenses, however, this is normally due to the provision of uncoated product. The problem can normally be solved by the application of a hard, or MAR coating which reduces the visibility of the engravings further. For accurate re-marking of progressive lenses it is essential, therefore, to ensure that the practice has the facility to accurately relocate these markings, dot them with a marking pen and then utilise the correct manufacturers laying off or sizing chart in order to locate the other checking areas. In industry parlance this is called 'restoration' of the markings.

Below is an example of the type of engraved information that may be found on a highly individualised progressive lens. When viewing the following list of engravings it will be helpful to enlarge the images which will be better viewed on a PC or Tablet as opposed to a Smartphone.



Tables

Hidden Markings on Progressive Power Lenses

BBGR



PREMIUM RANGE — DESIGN AVAILABILITY

BBGR LENS DESIGN	INDEX AVAILABILITY	TECHNICAL DESCRIPTION		
		PROGRESSION LENGTH (85% ADD)	RECOMMENDED FITTING HEIGHT	ENGRAVING
INTUITIV PLUS MIO	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	9.2 to 12mm	16mm - Hyperopic 15mm - Emmetropic 14mm - Myopic	⊙ ⊕
INTUITIV PLUS	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	10.2 to 12mm	18mm - Hyperopic 17mm - Emmetropic 16mm - Myopic	⊙ ⊕ ⊖
INTUITIV PLUS MINI	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	10 to 10.5mm	16mm - Hyperopic 15mm - Emmetropic 14mm - Myopic	⊙ ⊕ ⊖ M
ANATEO PLUS MIO	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	9.2 to 12mm	16mm - Hyperopic 15mm - Emmetropic 14mm - Myopic	⊙ ⊕ ⊖ M
ANATEO PLUS	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	10.2 to 12mm	18mm - Hyperopic 17mm - Emmetropic 16mm - Myopic	⊙ ⊕ ⊖
ANATEO PLUS MINI	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	10 to 10.5mm	16mm - Hyperopic 15mm - Emmetropic 14mm - Myopic	⊙ ⊕ ⊖ M
SIRUS PLUS MIO	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	12.7mm	16mm	⊙ Si+
SIRUS PLUS	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	14.1mm	18mm	⊙ Si+ 5
SIRUS PLUS MINI	1.5 / TRIVEX / TILUUM 1.6 / 1.67 / 1.74	12.7mm	16mm	⊙ Si+ 5 M



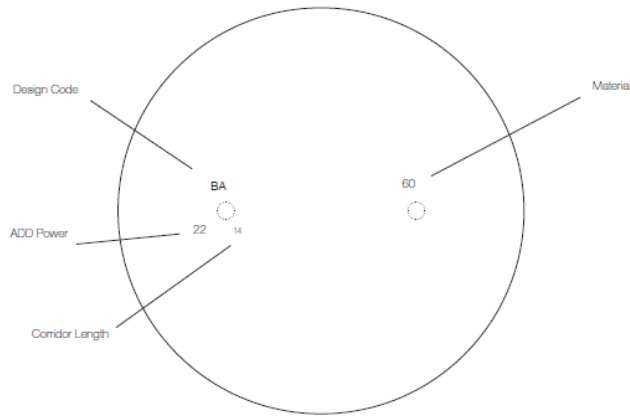
BASIC RANGE — DESIGN OPTIMISATION

BBGR NAME	INDEX AVAILABILITY	TECHNICAL DESCRIPTION		
		LENGTH OF PROGRESSION (85% ADD)	RECOMMENDED FRAME HEIGHT	ENGRAVING
QUADRO	1.5 / TRIVEX / TILUUM 1.6 / 1.67	11.8mm	18mm	⊙ ⊕ ⊖
QUADRO MINI	1.5 / TRIVEX / TILUUM 1.6 / 1.67	10.7mm	16mm	⊙ ⊕ ⊖
APTIVE	1.5 / TILUUM / 1.6	15mm	18mm	⊙ ⊕ ⊖
APTIVE MINI	1.5 / TILUUM / 1.6	12mm	16mm	⊙ ⊕ ⊖

Tables

Hidden Markings on Engraved Lenses

Caledonian Optical



Design Code

BA = ARC Steady

Material Code

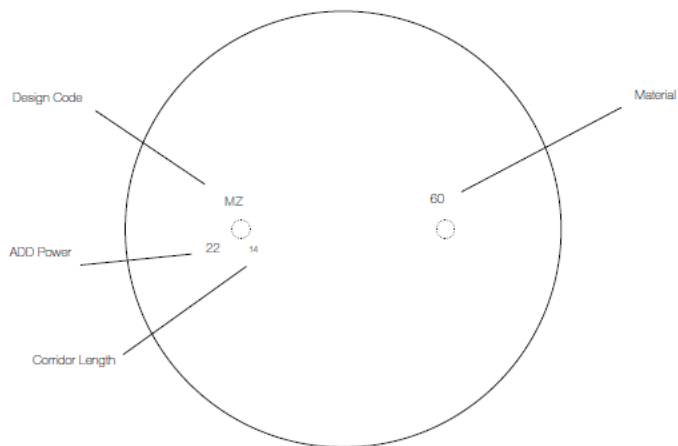
50 = 1.50 CR39
 53 = 1.53 Trivex/Trilogy
 59 = 1.59 Polycarbonate
 60 = 1.60 High Index
 67 = 1.67 High Index
 74 = 1.74 High Index

Add Power

First 2 numbers of ADD
 e.g. 17 = 1.75 ADD
 22 = 2.25 ADD

Corridor Length

Number represents corridor length in mm, from fitting cross to centre of ADD



Design Code

MZ = Zone Mobile
 EZ = Zone Extend
 BZ = Zone Base

Material Code

50 = 1.50 CR39
 53 = 1.53 Trivex/Trilogy
 59 = 1.59 Polycarbonate
 60 = 1.60 High Index
 67 = 1.67 High Index
 74 = 1.74 High Index

Add Power

First 2 numbers of ADD
 e.g. 17 = 1.75 ADD
 22 = 2.25 ADD

Corridor Length

Number represents corridor length in mm, from fitting cross to centre of ADD

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Hidden Markings on Engraved Lenses

CZV Range

Progressive Easy Long & Short Corridor

	1.5	1.59	1.6	1.67
nasal	○ EN	○ EN	○ EN	○ EN
temporal	○ 200 C	○ 200 P	○ 200 6	○ 200 M

	1.5	1.59	1.6	1.67
nasal	○ C	○ CP	○ CF	○ CM
temporal	○ 200	○ 200	○ 200	○ 200

Progressive Ultra Long. Medium & Short Corridor

	1.5	1.59	1.6	1.67
nasal	Ⓜ H50S H50M H50L	Ⓜ H59S H59M H59L	Ⓜ H60S H60M H60L	Ⓜ H67S H67M H67L
temporal	Ⓜ 20	Ⓜ 20	Ⓜ 20	Ⓜ 20

Progressive HDV Variable Corridor

	1.5	1.59	1.6	1.67
nasal	Ⓜ HV50	Ⓜ HV59	Ⓜ HV60	Ⓜ HV67
temporal	Ⓜ 20 38	Ⓜ 20 38	Ⓜ 20 38	Ⓜ 20 38

Progressive Performance Long & Short Corridor

	1.5	1.59	1.6	1.67
nasal	Ⓜ ~	Ⓜ ~	Ⓜ ~	Ⓜ ~
temporal	Ⓜ 20H	Ⓜ 20P	Ⓜ 20F	Ⓜ 20M






Progressive HDC Long, Medium & Short Corridor

	1.5	1.59	1.6	1.67
nasal	Ⓜ H50S H50M H50L	Ⓜ H59S H59M H59L	Ⓜ H60S H60M H60L	Ⓜ H67S H67M H67L
temporal	Ⓜ 20	Ⓜ 20	Ⓜ 20	Ⓜ 20






Progressive HDC Customised

	1.5	1.59	1.6	1.67
nasal	Ⓜ HC50	Ⓜ HC59	Ⓜ HC60	Ⓜ HC67
temporal	Ⓜ 20 38	Ⓜ 20 30	Ⓜ 20 38	Ⓜ 20 38






VARILUX XCLUSIVE 4D - NASAL ENGRAVINGS

Orma 1.5	 + 4D	Airwear 1.59	 + 4D P	Ormix 1.6	 + 4D 6
Stylis 1.67	 + 4D Π	Lineis 1.74	 + 4D 74		






VARILUX X TRACK 2 - NASAL ENGRAVINGS

Orma 1.5	 + e	Airwear 1.59	 + e P	Ormix 1.6	 + e 6
Stylis 1.67	 + e Π	Lineis 1.74	 + e 74		






VARILUX X DESIGN - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67	 Π	Lineis 1.74	 74		






VARILUX X DESIGN SHORT - NASAL ENGRAVINGS

Orma 1.5	 + S	Airwear 1.59	 + S P	Ormix 1.6	 + S 6
Stylis 1.67	 + S Π	Lineis 1.74	 + S 74		






VARILUX E 2 - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59		Ormix 1.6	
Stylis 1.67		Lineis 1.74			


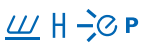

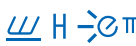

VARILUX E DESIGN - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59		Ormix 1.6	
Stylis 1.67		Lineis 1.74			






VARILUX E DESIGN SHORT - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59		Ormix 1.6	
Stylis 1.67		Lineis 1.74			





VARILUX PHYSIO 3.0 - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59		Ormix 1.6	
Stylis 1.67		Lineis 1.74			





VARILUX PHYSIO 3.0 SHORT - NASAL ENGRAVINGS

Orma 1.5		Airwear 1.59		Ormix 1.6	
Stylis 1.67		Lineis 1.74			

VARILUX COMFORT NEW EDITION - NASAL ENGRAVINGS

Orma 1.5 	Airwear 1.59 	Ormix 1.6 
Stylis 1.67 		





VARILUX COMFORT NEW EDITION SHORT - NASAL ENGRAVINGS

Orma 1.5 	Airwear 1.59 	Ormix 1.6 
Stylis 1.67 		





VARILUX COMFORT GLASS - NASAL ENGRAVINGS

Glass 1.6 	Glass 1.8 
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VARILUX LIBERTY NEW EDITION - NASAL ENGRAVINGS

Orma 1.5 	Airwear 1.59 	Ormix 1.6 
Stylis 1.67 		





VARILUX LIBERTY NEW EDITION SHORT - NASAL ENGRAVINGS

Orma 1.5 	Airwear 1.59 	Ormix 1.6 
Stylis 1.67 		





VARILUX DIGITIME NEAR

Orma 1.5 	Airwear 1.59  P	Ormix 1.6  6
Stylis 1.67  π		

VARILUX DIGITIME MID

Orma 1.5 	Airwear 1.59  P	Ormix 1.6  6
Stylis 1.67  π		

VARILUX DIGITIME ROOM

Orma 1.5 	Airwear 1.59  P	Ormix 1.6  6
Stylis 1.67  π		

VARILUX ROAD PILOT

Orma 1.5 	Ormix 1.6  6	Stylis 1.67  π
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VARILUX OMEGA - NASAL ENGRAVINGS

Orma 1.5



VARILUX COMPUTER 2V - NASAL ENGRAVINGS

Orma 1.5



VARILUX COMPUTER 3V - NASAL ENGRAVINGS

Orma 1.5



Ormix 1.6



ESSILOR ROAD PILOT

Orma 1.5



Ormix 1.6



Stylis 1.67



ESSILOR IDEAL

Orma 1.5








Ormix 1.6








Stylis 1.67








ESSILOR EYEZEN START

Orma 1.5	 5	Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67	 Π	Lineis 1.74	 74		






ESSILOR EYEZEN BOOST 0.40

Orma 1.5		Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67		Lineis 1.74	 74		






ESSILOR EYEZEN BOOST 0.60

Orma 1.5		Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67		Lineis 1.74	 74		

ESSILOR EYEZEN BOOST 0.85

Orma 1.5		Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67		Lineis 1.74	 74		

ESSILOR EYEZEN BOOST 1.10

Orma 1.5	 5	Airwear 1.59	 P	Ormix 1.6	 6
Stylis 1.67		Lineis 1.74	 74		

EYE PROTECT SYSTEM

All Eye Protect System clear lenses will be easily identifiable with the eye engraving: 

Tables

Hidden Markings on Engraved Lenses

Hoya

Engravings

Design	Index	Progressive Engravings						Temporal	
		Corridor length (mm)							
		11	12	13	14	15	16		
Plastic	MySelf	1.74	MY17	MY27	MY37	MY47	MY57	MY67	***
		1.67	MY15	MY25	MY35	MY45	MY55	MY65	***
		1.60	MY13	MY23	MY33	MY43	MY53	MY63	***
		1.53	MY1X	MY2X	MY3X	MY4X	MY5X	MY6X	***
		1.50	MY11	MY21	MY31	MY41	MY51	MY61	***
	MyStyle V+	1.74	MSV17	MSV27	MSV37	MSV47	MSV57	MSV67	***
		1.67	MSV15	MSV25	MSV35	MSV45	MSV55	MSV65	***
		1.60	MSV13	MSV23	MSV33	MSV43	MSV53	MSV63	***
		1.53	MSV1X	MSV2X	MSV3X	MSV4X	MSV5X	MSV6X	***
		1.50	MSV11	MSV21	MSV31	MSV41	MSV51	MSV61	***
	LifeStyle 3i Outdoor	1.74	L17O	L17U	L17I	L17U	L17O		
		1.67	L15O	L15U	L15I	L15U	L15O		
		1.60	L13O	L13U	L13I	L13U	L13O		
		1.53	L11O	L11U	L11I	L11U	L11O		
		1.50	L11O	L11U	L11I	L11U	L11O		
LifeStyle 3i Urban	1.74	L17U	L17U	L17U	L17U	L17U			
	1.67	L15U	L15U	L15U	L15U	L15U			
	1.60	L13U	L13U	L13U	L13U	L13U			
	1.53	L11U	L11U	L11U	L11U	L11U			
	1.50	L11U	L11U	L11U	L11U	L11U			
LifeStyle 3i Indoor	1.74	L17I	L17I	L17I	L17I	L17I			
	1.67	L15I	L15I	L15I	L15I	L15I			
	1.60	L13I	L13I	L13I	L13I	L13I			
	1.53	L11I	L11I	L11I	L11I	L11I			
	1.50	L11I	L11I	L11I	L11I	L11I			
LifeStyle 3 Outdoor	1.74	L17O	L27O	L37O	L47O				
	1.67	L15O	L25O	L35O	L45O				
	1.60	L13O	L23O	L33O	L43O				
	1.53	L11O	L21O	L31O	L41O				
	1.50	L11O	L21O	L31O	L41O				
LifeStyle 3 Urban	1.74	L17U	L27U	L37U	L47U				
	1.67	L15U	L25U	L35U	L45U				
	1.60	L13U	L23U	L33U	L43U				
	1.53	L11U	L21U	L31U	L41U				
	1.50	L11U	L21U	L31U	L41U				
LifeStyle 3 Indoor	1.74	L17I	L27I	L37I	L47I				
	1.67	L15I	L25I	L35I	L45I				
	1.60	L13I	L23I	L33I	L43I				
	1.53	L11I	L21I	L31I	L41I				
	1.50	L11I	L21I	L31I	L41I				
Glass	Balanceis	1.74	B17			B47			
		1.67	B15			B45			
		1.60	B13			B43			
		1.53	B1X			B4X			
		1.50	B11			B41			
	Daynamic	1.67	DP15			DP45			
		1.60	DP13			DP43			
		1.53	DP1X			DP4X			
		1.50	DP11			DP41			
	Amplitude TrueForm	1.67	AS5			A5			TF
		1.60	AS3			A3			TF
		1.53	ASX			AX			TF
		1.50	AS1			A1			TF
	Amplitude	1.50	AS1			A1			TF
		1.60				Fa43			TF
1.53					Fa4X			TF	
Hoyalux Sportive	1.50				Fa41			TF	
	1.67					R55V			
	1.60					R53V			
EnRoute Progressive	1.67					RP55V			
	1.60					RP53V			
EnRoute Pro Progressive	1.67					RP55V			
	1.60					RP53V			
Hoyalux Summit Pro	LHi-1.70				SP4				
	LHi-2 1.60				SP3				
	UV 1.52				SP1				
	THi-2 1.81				CD6				
	LHi-2 1.60				CD3				
Hoyalux Summit CD									
Amplitude	UV 1.52	AS1				A1			

Engravings are made up with the Design, Corridor Length (MyStyle V+, LifeStyle 3/3i) and Material.

Corridor Length	
Length	Engraving
11	1
12	2
13	3
14	4
15	5
16	6

Materials	
Length	Engraving
1.74	7
1.67	5
1.60	3
1.53	X
1.50	1

Example:	
MSV17	
MSV	Hoyalux ID MyStyle V+
1	11 mm corridor
7	1.74 material

EyeGenius:	
For all EyeGenius lenses "EG" is engraved above the current markings for a non-EyeGenius product	

Tables

Hidden Markings on Engraved Lenses

Hoya

Engravings cont...

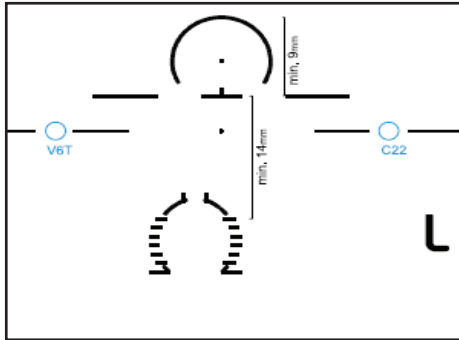
Indoor Engravings							
	Design	Index	Nasal				Temporal
Plastic	WorkStyle V+	1.67	WSV5				C, 5 or P 18 to 24
		1.60	WSV3				C, 5 or P 18 to 24
		1.50	WSV1				C, 5 or P 18 to 24
	Tact TrueForm 200/400	1.60	T3				TF
		1.50	T1				TF
	AddPower 120 TrueForm	1.60	L3				TF
		1.50	L1				TF
AddPower 60 TrueForm	1.50	API					
Single Vision Engravings							
	Design	Index	Nasal				Temporal
Plastic	Nulux iDentity V+	1.74	Ni 7				
		1.67	Ni 5				
		1.60	Ni 3				
		1.50	Ni 1				
	Nulux Sportive	1.60	SA3				TF
		1.53	SAX				TF
		1.50	SA1				TF
	Sync III	1.74	SYi7				5, 9 or 13
		1.67	SYi5				5, 9 or 13
		1.60	SYi3				5, 9 or 13
1.53		SYiX				5, 9 or 13	
		1.50	SYi1				5, 9 or 13

Tables

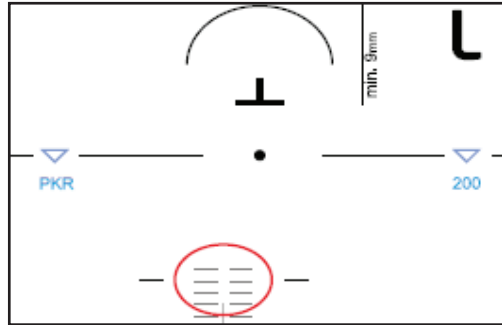
Hidden Markings on Engraved Lenses

Jai Kudo

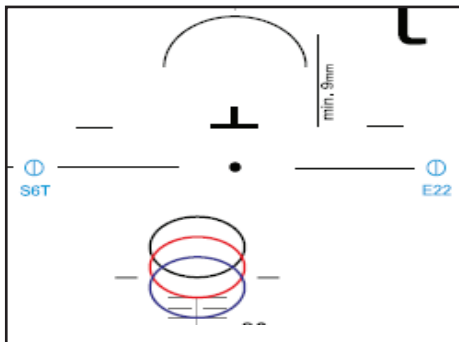
Wideview Confidence



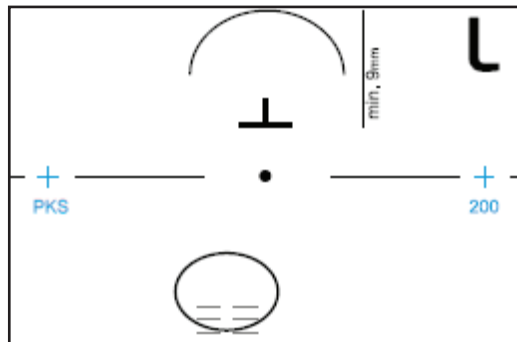
Protek



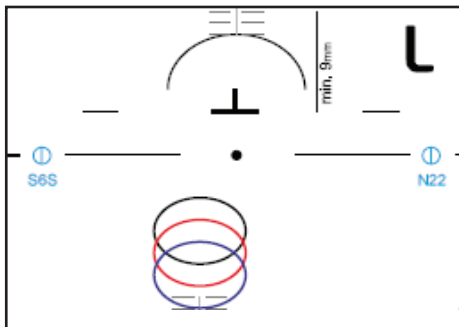
Wideview Easy



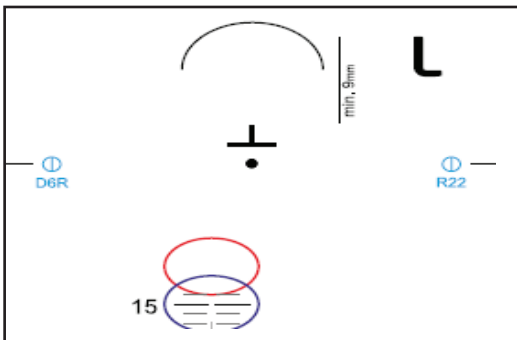
Protek Shallow



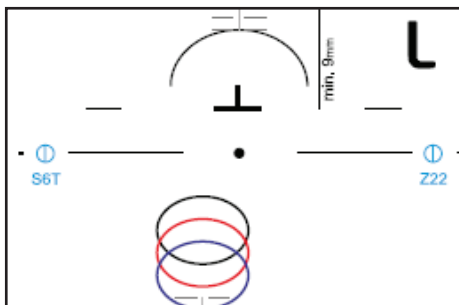
Wideview Entry



Wideview Occupational



Wideview Zenix



Tables

Hidden Markings on Engraved Lenses








Nikon

Product	Index	Corridor	Base curve	Identification	Product markings	Micro circle
SeeMax Ultimate	1.74	10 12 14	standard 1 - 8	N5 0 / N5 2 / N5 4	SUL SeeMax Ultimate	
	1.67			N4 0 / N4 2 / N4 4		
	1.60			N3 0 / N3 2 / N3 4		
	1.53			NT 0 / NT 2 / NT 4		
	1.50			N1 0 / N1 2 / N1 4		
Presio Ultimate / FP	1.74	10 12 14	standard 1 - 8	N5 0 / N5 2 / N5 4	PUL Presio Ultimate	
	1.67			N4 0 / N4 2 / N4 4		
	1.60			N3 0 / N3 2 / N3 4		
	1.53			NT 0 / NT 2 / NT 4		
	1.50			N1 0 / N1 2 / N1 4		
SeeMax Master (being discontinued)	1.74	10 12 14	standard 1 - 8	Π5 0 / Π5 2 / Π5 4	SMA	
	1.67			Π4 0 / Π4 2 / Π4 4		
	1.60			Π3 0 / Π3 2 / Π3 4		
	1.53			ΠT 0 / ΠT 2 / ΠT 4		
	1.50			Π1 0 / Π1 2 / Π1 4		
Presio Master / FP	1.74	10 12 14	standard 1 - 8	Π5 0 / Π5 2 / Π5 4	MA Presio Master	
	1.67			Π4 0 / Π4 2 / Π4 4		
	1.60			Π3 0 / Π3 2 / Π3 4		
	1.53			ΠT 0 / ΠT 2 / ΠT 4		
	1.50			Π1 0 / Π1 2 / Π1 4		
SeeMax Power (discontinued)	1.74	10 12 14	standard 1 - 8	N5 0 / N5 2 / N5 4	CP	
	1.67			N4 0 / N4 2 / N4 4		
	1.60			N3 0 / N3 2 / N3 4		
	1.53			NT 0 / NT 2 / NT 4		
	1.50			N1 0 / N1 2 / N1 4		
Presio Power / FP	1.74	10 12 14	standard 1 - 8	N5 0 / N5 2 / N5 4	PP Presio Power	
	1.67			N4 0 / N4 2 / N4 4		
	1.60			N3 0 / N3 2 / N3 4		
	1.53			NT 0 / NT 2 / NT 4		
	1.50			N1 0 / N1 2 / N1 4		
Presio W	1.74	10 12 14	standard 1 - 8	N5 0 / N5 2 / N5 4		
	1.67			N4 0 / N4 2 / N4 4		
	1.60			N3 0 / N3 2 / N3 4		
	1.53			NT 0 / NT 2 / NT 4		
	1.50			N1 0 / N1 2 / N1 4		
Presio Balance / FP	1.74	10 12 14	standard 1 - 8	Π5 0 / Π5 2 / Π5 4	NA	
	1.67			Π4 0 / Π4 2 / Π4 4		
	1.60			Π3 0 / Π3 2 / Π3 4		
	1.53			ΠT 0 / ΠT 2 / ΠT 4		
	1.50			Π1 0 / Π1 2 / Π1 4		
Move 2	1.67	4	standard	NC ⊕	NA	
	1.60			PK ⊕		
	1.50			PK ⊕		

Tables

Hidden Markings on Engraved Lenses

Nikon (continued)

Product	Index	Corridor	Base curve	Identification	Product markings	Micro circle
Digilife / FP	1.74	10 12 14	standard 1 - 8	∩50 / ∩52 / ∩54	FP Frame Parameter	
	1.67			∩40 / ∩42 / ∩44		
	1.60			∩30 / ∩32 / ∩34		
	1.53			∩T0 / ∩T2 / ∩T4		
	1.50			∩10 / ∩12 / ∩14		
Home & Office Neo / FP	1.74	13 - long & standard 11 - wide	standard 4 7	N5M	FP Frame Parameter	
	1.67			N4M		
	1.60			N3M		
	1.53			NTM		
	1.50			N1M		
Online Wide Neo / FP	1.74	NA	standard 4 7	N5	SW Online Wide Neo FP Frame Parameter	
	1.67			N4		
	1.60			N3		
	1.53			NT		
	1.50			N1		
Relaxsee Neo / FP	1.74	NA	standard 4 7	N5	FP Frame Parameter NA	
	1.67			N4		
	1.60			N3		
	1.53			NT		
	1.50			N1		
SeeMax Infinite	1.74	NA	standard 1 - 8	N5	INF	
	1.67			N4		
	1.60			N3		
	1.53			NT		
	1.50			N1		
SeeMax AP (discontinued as of Sept 18)	1.74	NA	standard 3 5	∩5	N/A	
	1.67		standard 3 5 8	∩4		
	1.60		standard 3 5 8	∩3		
	1.50		standard	∩1		
NL - SP Viewfit	1.74	NA	standard 1 - 8	∩5	N/A	
	1.67			∩4		
	1.60			∩3		
	1.53			∩T		
	1.50			∩1		

Tables

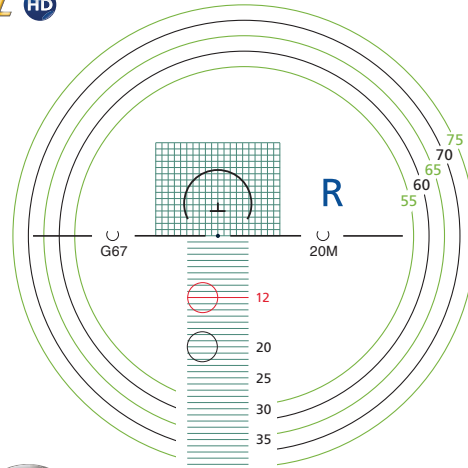
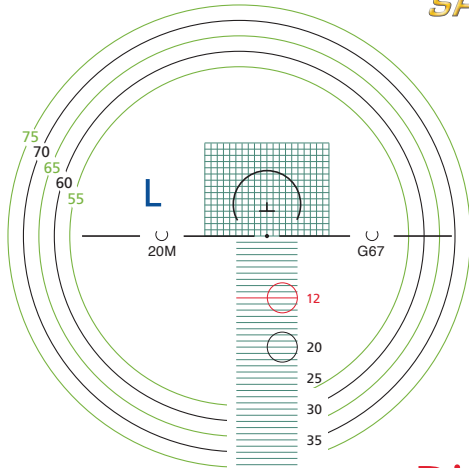
Hidden Markings on Engraved Lenses

Norville

All Norville markings are shown viewed from the rear

Progressive Lens Remarking Templates

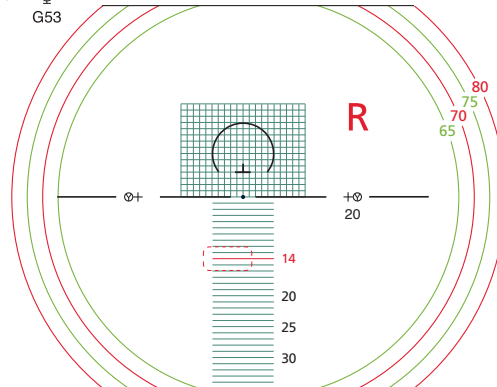
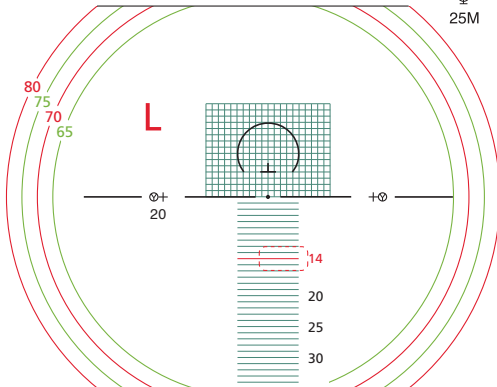
ULTOR HD
SPORTPAL HD



Digitor® DHD

NST HD

⌀ 25M Markings for NST ⌀ G53

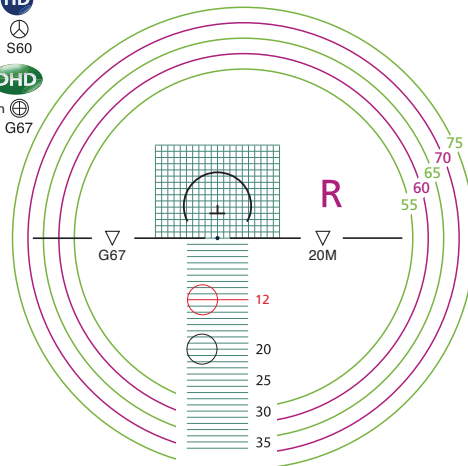
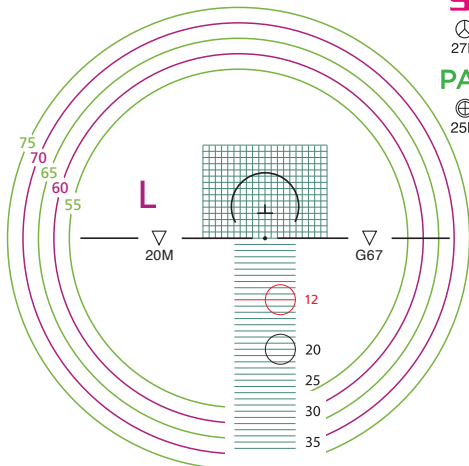


SECTOR HD
SCREEN HD

⊗ Markings for Screen 27M ⊗ S60

PARAGON DHD

⊕ Markings for Paragon 25M ⊕ G67



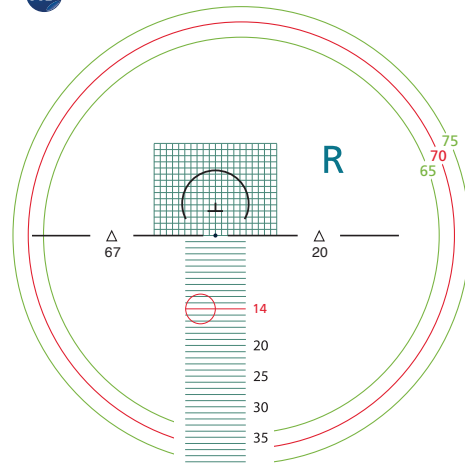
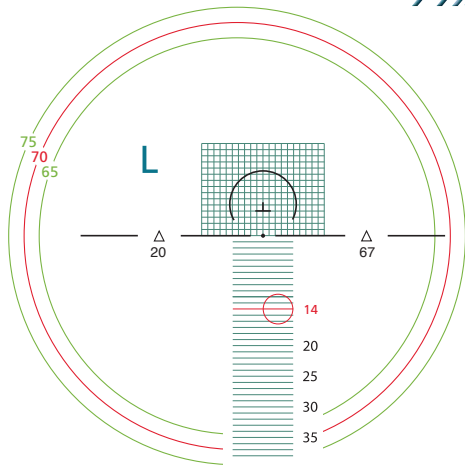
Tables

Hidden Markings on Engraved Lenses

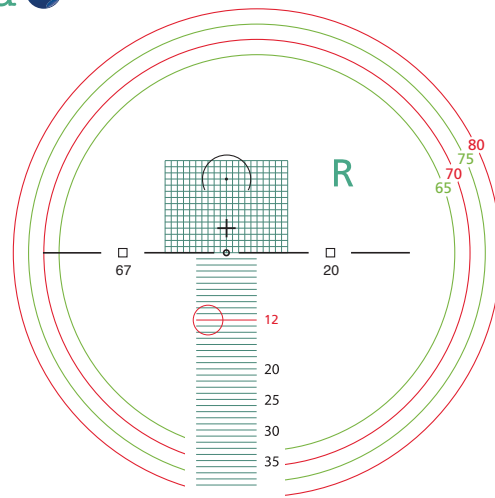
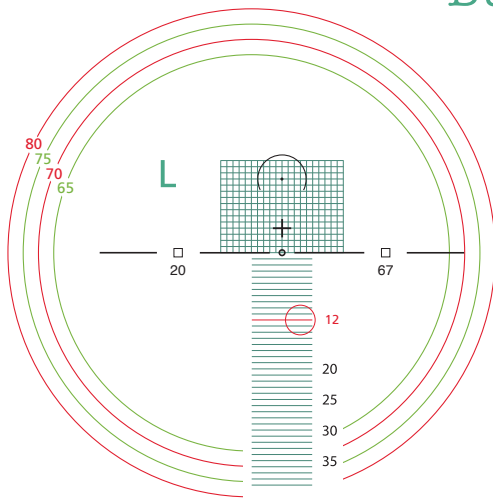
Norville (Continued)

Progressive Lens Remarking Templates

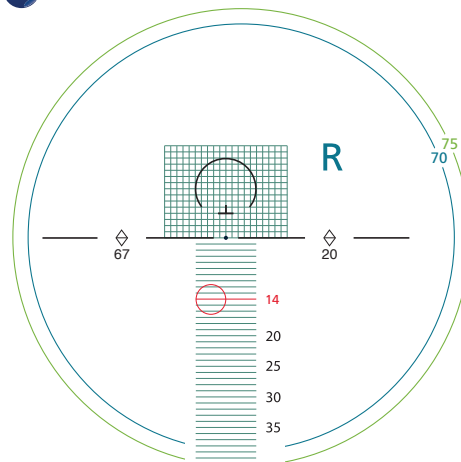
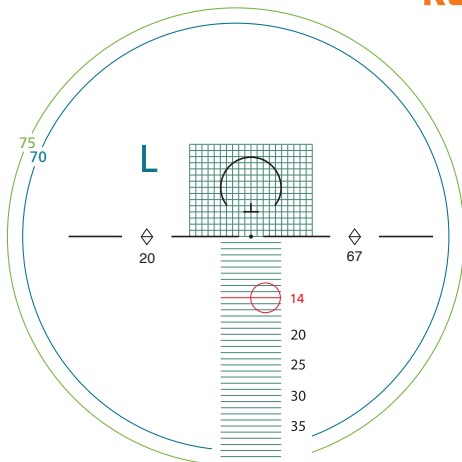
FREEWAY HD



Bureau HD



RESOLVE HD



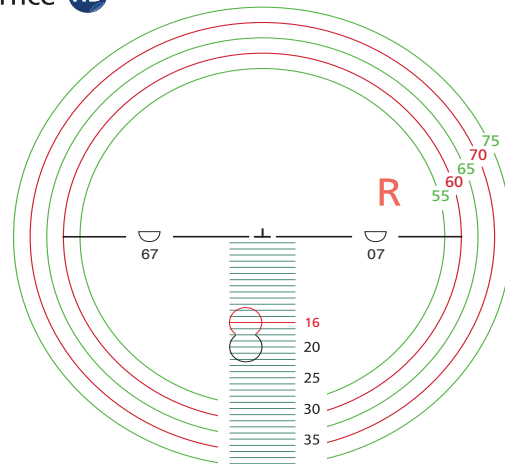
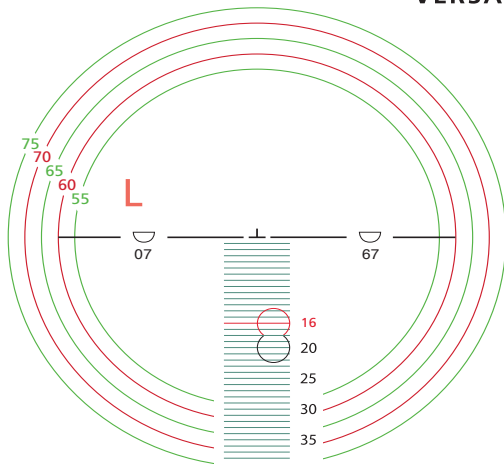
Tables

Hidden Markings on Engraved Lenses

Norville (Continued)

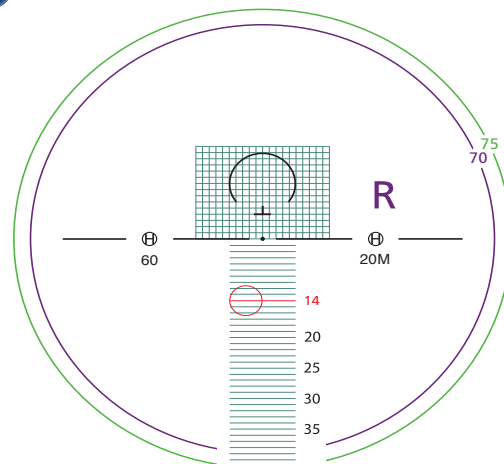
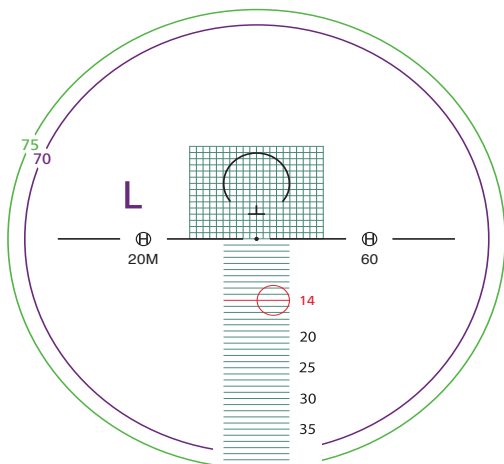
Degressive Lens Remarking Templates

VERSATILE Office HD

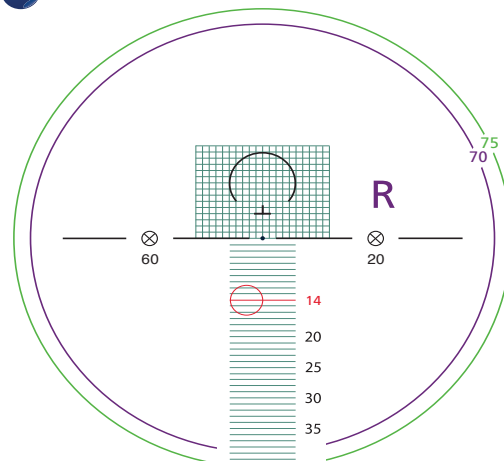
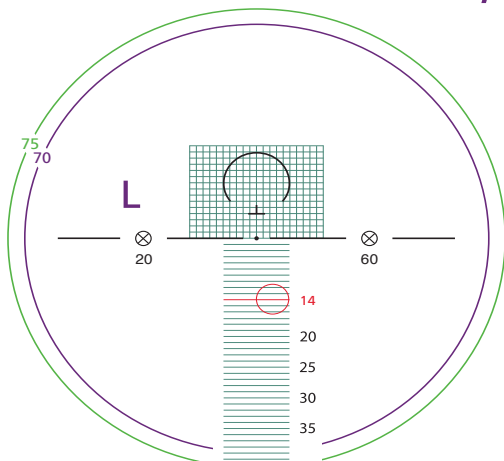


Progressive Lens Remarking Templates - Mineral

Hawk HD



ProDrive HD



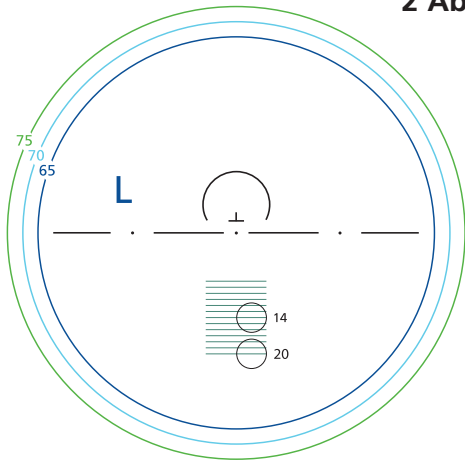
Tables

Hidden Markings on Engraved Lenses

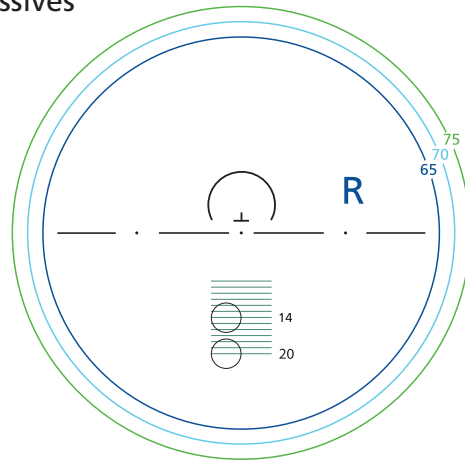
Norville (Continued)

Progressive Lens Remarking Templates

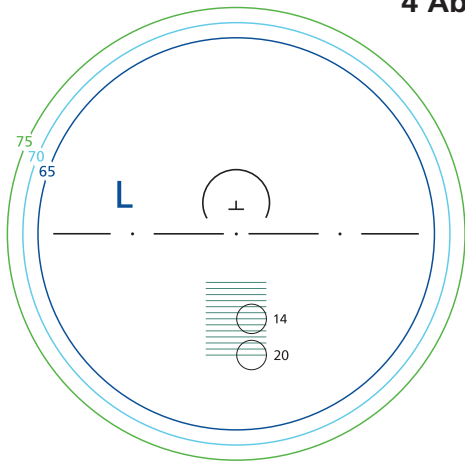
2 Above Progressives



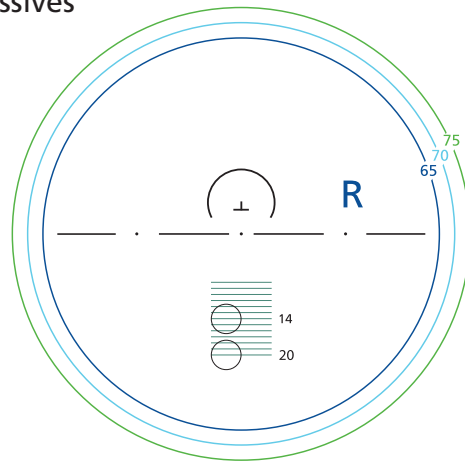
IMAGE®
CF5
CF6
CFS
CFT
CFF
CFP
IMPP
VECTOR



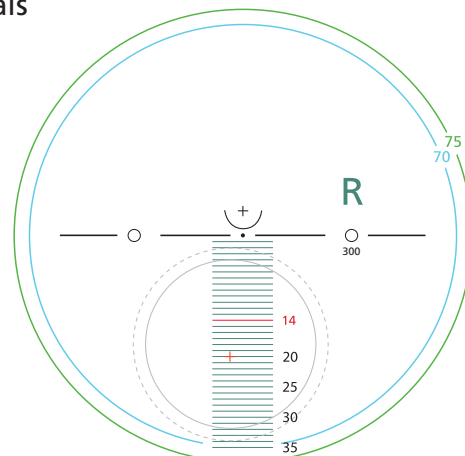
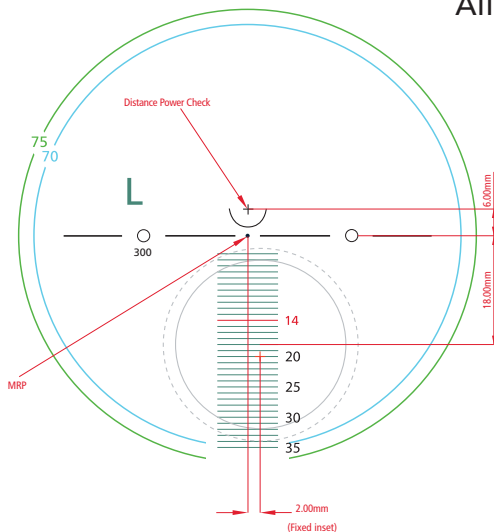
4 Above Progressives



CF7
CFP
NG5
NG6
NCF8
NCFX
NPPP
SNRY
SNGS
SNAC
GSTD
GS60
SNGG
GS70
SXGR
GS80



All IRS Bifocals



Tables

Hidden Markings on Engraved Lenses

Rodenstock

Impression 3 / 2	Impression FreeSign 3	Impression FreeSign 3 Active	Impression FreeSign 3 All round	Impression FreeSign 3 Expert	Impression 2 V	Impression 2 L / M / XS / Road	Impression Hyperop L / XS Myop L / XS
Branding:	R	R	R	R	R	R	R
Function engraving:	∞	∞	∞	∞	∞	∞	∞
Additional engraving ^{2/3} :	DF/DN/3	AG/DN/3	AL/DN/3	EX/DN/3	DN/2	X/M/L/RD/2	H/M/X
Corridor length	13-24 mm ¹	13-18 mm ¹	13-19 mm ¹	14-21 mm ¹	14-18 mm ¹	14/16/18 mm	14/18 mm
Minimum fitting height:	15-26 mm ¹	15-20 mm ¹	15-21 mm ¹	16-23 mm ¹	16-20 mm	16/18/20 mm	16/20 mm
Minimum frame depth:	23-34 mm ¹	23-28 mm ¹	23-29 mm ¹	24-31 mm ¹	24 mm ¹	24/26/28 mm	24/28 mm

Multigressiv MyView 2	Multigressiv MyView 2 L	Multigressiv MyView 2 M	Multigressiv MyView 2 XS	Multigressiv Road 2
Branding:	R	R	R	R
Function engraving:	○	○	○	○
Additional engraving:	L	M	X	RD
Corridor length	18 mm	16 mm	14 mm	XXmm
Minimum fitting height:	20 mm	18 mm	16 mm	XXmm
Minimum frame depth:	28 mm	26 mm	24 mm	XXmm

Progressiv	Progressiv PureLife Free 2 L/M	Progressiv PureLife Free 2 XS	Progressiv Life Free 2 L/M	Progressiv Life Free 2 XS
Branding:	R	R	R	R
Function engraving:	○	○	○	○
Additional engraving:	PL/PM	PX	LL/LM	LX
Corridor length	18/16 mm	14 mm	18/16 mm	14 mm
Minimum fitting height:	20/18mm	16 mm	20/18mm	16 mm
Minimum frame depth:	28/26mm	24 mm	28/26 mm	24 mm

Tables

Hidden Markings on Engraved Lenses

Rodenstock

Impression® Mono 2		
	Impression Mono 2 / Road 2	Impression MonoPlus 2
Branding:	<i>R</i>	<i>R</i>
Function engraving:	∞ 2 / RD 2	∞ +0.5 / +0.8 2
Additional engraving:	-	- / A

Multigressiv® Mono 2		
	Multigressiv Mono 2 / Road 2	Multigressiv MonoPlus 2
Branding:	<i>R</i>	<i>R</i>
Function engraving:	○ 2 / RD 2	∞ +0.5 / +0.8 2
Additional engraving:	-	- / A

Cosmolit / Perfalit			
	Cosmolit / Cosmolux	Perfalt / Perfalux	Perfalt / MonoPlus 2
Branding:	<i>R</i>	<i>R</i>	<i>R</i>
Function engraving:			○
Additional engraving:			-

Impression Ergo® 2				
	Impression Ergo FS 2	Impression Ergo 2		
		Book	PC	Room
Branding:	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
Function engraving:	∞	∞	∞	∞
Additional engraving:	_ / DM / DN / 2	B / DN / 2	P / DN / 2	R / DN / 2
Degression:	dependant on addition			
Minimum fitting height:	14-22 mm ¹	16-20 mm ¹	16-20 mm ¹	16-20 mm ¹
Minimum frame depth:	21-32 mm ¹	22-26 mm ¹	22-26 mm ¹	20-24 mm ¹
Recommended frame depth:	25-36 mm ¹	26-30 mm ¹	26-30 mm ¹	24-28 mm ¹

Rodenstock (continued)

Multigressiv Ergo® 2

	Multigressiv Ergo 2		
	Book	PC	Room
Branding:	<i>R</i>	<i>R</i>	<i>R</i>
Function engraving:	○	○	○
Additional engraving temporal	B / 2	P / 2	R / 2
Degression:	dependant on addition		
Minimum fitting height:	16 mm	20 mm	20 mm
Minimum frame depth:	22 mm	26 mm	24 mm
Recommended frame depth:	26 mm	30 mm	28 mm

Progressiv Ergo® 2

	Progressiv Ergo 2		
	Book	PC	Room
Branding:	<i>R</i>	<i>R</i>	<i>R</i>
Function engraving:	○	○	○
Additional engraving temporal	B	P	R
Degression:	dependant on addition		
Minimum fitting height:	16 mm	20 mm	20 mm
Minimum frame depth:	22 mm	26 mm	24 mm
Recommended frame depth:	26 mm	30 mm	28 mm

Nexyma



















	Nexyma 40	Nexyma 80	
		A	B
Branding:	<i>R</i>	<i>R</i>	<i>R</i>
Additional engraving:	□	□	□
Additional engraving temporal	N4	N8A	N8B
Degression:	1.0 dpt	0.8 dpt	1.5 dpt
Minimum fitting height:	13 mm	20 mm	20 mm
Minimum frame depth:	19 mm	26 mm	26 mm
Recommended frame depth:	23 mm	30 mm	30 mm

Tables

Hidden Markings on Engraved Lenses

Seiko

AT A GLANCE – SEIKO Single Vision Lens Engravings

















	SEIKO Sportstech	Inner Surface Aspheric
	SEIKO INDI-SV 1.67 White & Transitions®	Individualised Inner Surface Aspheric
	SEIKO INDI-SV Tribrid White & Transitions®	Individualised Inner Surface Aspheric
	SEIKO INDI-SV 1.60 White, Transitions® & Polarising	Individualised Inner Surface Aspheric
	SEIKO INDI-SV 1.50 White, Transitions®, Polarising & DriveWear	Individualised Inner Surface Aspheric
	SEIKO AZ 1.74	Double Aspheric
	SEIKO A-ZONE 1.74	Double Aspheric
	SEIKO AZ 1.67 White & Transitions®	Double Aspheric
	SEIKO A-ZONE 1.67	Double Aspheric
	SEIKO AZ 1.60 White & Transitions®	Double Aspheric
	SEIKO A-ZONE 1.60	Double Aspheric
None	SEIKO 1.74 AS Transitions®	Aspheric
	SEIKO 1.74 AS	Aspheric
	SEIKO 1.67 AS White & Transitions®	Aspheric
	SEIKO 1.60 AS	Aspheric
	SEIKO 1.67 White & Transitions®	Spherical
	SEIKO Tribrid White & Transitions®	Spherical
	SEIKO 1.60 White, Transitions® & Polarising	Spherical
	SEIKO 1.50 White, Transitions®, DriveWear & Polarising	Spherical

Tables

Hidden Markings on Engraved Lenses

Seiko (continued)

AT A GLANCE – SEIKO Progressive Lens Engravings















	AR = Type A BR = Type B CR = Type C	SEIKO SUPERIOR 1.74	Individualised inner surface progressive
	AR = Type A BR = Type B CR = Type C	SEIKO SUPERIOR 1.67 White & Transitions®	Individualised inner surface progressive
	AR = Type A BR = Type B CR = Type C	SEIKO SUPERIOR 1.60 White & Transitions®	Individualised inner surface progressive
	AS = Type A BS = Type B CS = Type C	SEIKO NEO 1.74	Individualised inner surface progressive
	AS = Type A BS = Type B CS = Type C	SEIKO NEO 1.67 White & Transitions®	Individualised inner surface progressive
	AS = Type A BS = Type B CS = Type C	SEIKO NEO 1.60 White & Transitions®	Individualised inner surface progressive
	EM00 = 0.0mm inset EM20 = 2.0mm inset EM25 = 2.5mm inset	SEIKO EMBLEM XtraWide 1.74	Inner surface progressive
	EM00 = 0.0mm inset EM20 = 2.0mm inset EM25 = 2.5mm inset	SEIKO EMBLEM XtraWide 1.67 White & Transitions®	Inner surface progressive
	EM00 = 0.0mm inset EM20 = 2.0mm inset EM25 = 2.5mm inset	SEIKO EMBLEM XtraWide Tribrid White & Transitions®	Inner surface progressive
	EM00 = 0.0mm inset EM20 = 2.0mm inset EM25 = 2.5mm inset	SEIKO EMBLEM XtraWide 1.60 White, Transitions® & Polarising	Inner surface progressive
	EM00 = 0.0mm inset EM20 = 2.0mm inset EM25 = 2.5mm inset	SEIKO EMBLEM XtraWide 1.50 White, Transitions®, Polarising & DriveWear	Inner surface progressive
	SX0 = 10mm SX2 = 12mm SX4 = 14mm	SEIKO SYNERGY Xtra 1.74	Inner surface progressive
	SX0 = 10mm SX2 = 12mm SX4 = 14mm	SEIKO SYNERGY Xtra 1.67 White & Transitions	Inner surface progressive
	SX0 = 10mm SX2 = 12mm SX4 = 14mm	SEIKO SYNERGY Xtra Tribrid White & Transitions	Inner surface progressive
	SX0 = 10mm SX2 = 12mm SX4 = 14mm	SEIKO SYNERGY Xtra 1.60 White, Transitions® & Polarising	Inner surface progressive
	SX0 = 10mm SX2 = 12mm SX4 = 14mm	SEIKO SYNERGY Xtra 1.50 White, Transitions®, Polarising & DriveWear	Inner surface progressive

Tables

Hidden Markings on Engraved Lenses

Seiko (continued)

AT A GLANCE – SEIKO Progressive Lens Engravings

	VX0 = 10mm VX2 = 12mm VX4 = 14mm	SEIKO VSX 1.67 White & Transitions®	Inner Surface Progressive
	VX0 = 10mm VX2 = 12mm VX4 = 14mm	SEIKO VSX 1.60 White, Transitions® & Polarising	Inner Surface Progressive
	VX0 = 10mm VX2 = 12mm VX4 = 14mm	SEIKO VSX 1.50 White, Transitions® Polarising & DriveWear	Inner Surface Progressive
	12mm	SEIKO WING 1.67	Inner Surface Progressive
	12mm	SEIKO WING 1.60	Inner Surface Progressive
	12mm	SEIKO WING 1.50	Inner Surface Progressive
	EVA 0.75 dpt	SEIKO EXTENSIVE VISION 1.67 White & Transitions®	Inner Surface Progressive
	EVA 0.75 dpt	SEIKO EXTENSIVE VISION 1.60 White & Transitions®	Inner Surface Progressive
	Corridor 20 or 23mm	SEIKO INDOOR 1.67	Inner Surface Progressive
	Corridor 20 or 23mm	SEIKO INDOOR 1.60	Inner Surface Progressive
	105 = -1.00 dpt 155 = -1.50 dpt 205 = -2.00 dpt Corridor always 25mm	SEIKO COMPUTER Xtra 1.67	Inner Surface Progressive
	105 = -1.00 dpt 155 = -1.50 dpt 205 = -2.00 dpt Corridor always 25mm	SEIKO COMPUTER Xtra Tribid	Inner Surface Progressive
	105 = -1.00 dpt 155 = -1.50 dpt 205 = -2.00 dpt Corridor always 25mm	SEIKO COMPUTER Xtra 1.60	Inner Surface Progressive
	105 = -1.00 dpt 155 = -1.50 dpt 205 = -2.00 dpt Corridor always 25mm	SEIKO COMPUTER Xtra 1.50	Inner surface progressive

Tables

Hidden Markings on Engraved Lenses

Shamir

Plastic	Shamir Autograph III®	Shamir Autograph FreeFrame™	Shamir Autograph InTouch™		Shamir Autograph Plus™		
Minimum Fitting Height	11 mm and up	11 mm and up	15mm/18mm		14mm/16mm/18mm		
Hard Resin 1.5	15 ☉ ☉ A ₃ 250	15 ☉ ☉ 6∞ 250	15 ☉ ☉ I15 250	15 ☉ ☉ I18 250	15 ☉ ☉ +14 250	15 ☉ ☉ +16 250	15 ☉ ☉ +18 250
Transitions® 1.5	TR ☉ ☉ A ₃ 250	TR ☉ ☉ 6∞ 250	TR ☉ ☉ I15 250	TR ☉ ☉ I18 250	TR ☉ ☉ +14 250	TR ☉ ☉ +16 250	TR ☉ ☉ +18 250
Transitions® XTRActive™ 1.5	X5 ☉ ☉ A ₃ 250		X5 ☉ ☉ I15 250	X5 ☉ ☉ I18 250			
Polarized 1.5	PZ ☉ ☉ A ₃ 250	PZ ☉ ☉ 6∞ 250	PZ ☉ ☉ I15 250	PZ ☉ ☉ I18 250	PZ ☉ ☉ +14 250	PZ ☉ ☉ +16 250	PZ ☉ ☉ +18 250
Drivewear® 1.5	DW ☉ ☉ A ₃ 250	DW ☉ ☉ 6∞ 250	DW ☉ ☉ I15 250	DW ☉ ☉ I18 250	DW ☉ ☉ +14 250	DW ☉ ☉ +16 250	DW ☉ ☉ +18 250
DLC™ (Trivex) 1.53	TX ☉ ☉ A ₃ 250	TX ☉ ☉ 6∞ 250	TX ☉ ☉ I15 250	TX ☉ ☉ I18 250	TX ☉ ☉ +14 250	TX ☉ ☉ +16 250	TX ☉ ☉ +18 250
DLC™ (Trivex) Transitions® 1.53	TTX ☉ ☉ A ₃ 250	TTX ☉ ☉ 6∞ 250	TTX ☉ ☉ I15 250	TTX ☉ ☉ I18 250	TTX ☉ ☉ +14 250	TTX ☉ ☉ +16 250	TTX ☉ ☉ +18 250
Polycarbonate 1.59	PC ☉ ☉ A ₃ 250	PC ☉ ☉ 6∞ 250	PC ☉ ☉ I15 250	PC ☉ ☉ I18 250	PC ☉ ☉ +14 250	PC ☉ ☉ +16 250	PC ☉ ☉ +18 250
Polycarbonate Transitions® 1.59	PT ☉ ☉ A ₃ 250	PT ☉ ☉ 6∞ 250	PT ☉ ☉ I15 250	PT ☉ ☉ I18 250	PT ☉ ☉ +14 250	PT ☉ ☉ +16 250	PT ☉ ☉ +18 250
Polycarbonate Transitions® XTRActive™ 1.59	PX ☉ ☉ A ₃ 250		PX ☉ ☉ I15 250	PX ☉ ☉ I18 250			
Polycarbonate Polarized 1.59	PPZ ☉ ☉ A ₃ 250	PPZ ☉ ☉ 6∞ 250	PPZ ☉ ☉ I15 250	PPZ ☉ ☉ I18 250	PPZ ☉ ☉ +14 250	PPZ ☉ ☉ +16 250	PPZ ☉ ☉ +18 250
Polycarbonate Drivewear® 1.59	PD ☉ ☉ A ₃ 250		PD ☉ ☉ I15 250	PD ☉ ☉ I18 250			
SuperLite™ 1.6	16 ☉ ☉ A ₃ 250	16 ☉ ☉ 6∞ 250	16 ☉ ☉ I15 250	16 ☉ ☉ I18 250	16 ☉ ☉ +14 250	16 ☉ ☉ +16 250	16 ☉ ☉ +18 250
SuperLite Transitions® 1.6	T6 ☉ ☉ A ₃ 250	T6 ☉ ☉ 6∞ 250	T6 ☉ ☉ I15 250	T6 ☉ ☉ I18 250	T6 ☉ ☉ +14 250	T6 ☉ ☉ +16 250	T6 ☉ ☉ +18 250
SuperLite Transitions® XTRActive™ 1.6	X6 ☉ ☉ A ₃ 250		X6 ☉ ☉ I15 250	X6 ☉ ☉ I18 250			
SuperLite Polarized 1.6	PZ6 ☉ ☉ A ₃ 250	PZ6 ☉ ☉ 6∞ 250	PZ6 ☉ ☉ I15 250	PZ6 ☉ ☉ I18 250	PZ6 ☉ ☉ +14 250	PZ6 ☉ ☉ +16 250	PZ6 ☉ ☉ +18 250

Tables

Hidden Markings on Engraved Lenses

Shamir (continued)

Plastic	Shamir Autograph III®	Shamir Autograph FreeFrame™	Shamir Autograph InTouch™		Shamir Autograph Plus™		
Minimum Fitting Height	11 mm and up	11 mm and up	15mm/18mm		14mm/16mm/18mm		
SuperLite 1.67	67 A ₃ 250	67 60 250	67 115 250	67 118 250	67 +14 250	67 +16 250	67 +18 250
SuperLite Transitions® 1.67	T67 A ₃ 250	T67 60 250	T67 115 250	T67 118 250	T67 +14 250	T67 +16 250	T67 +18 250
SuperLite Transitions® XTRActive™ 1.67	X67 A ₃ 250		X67 115 250	X67 118 250			
SuperLite Polarized 1.67	PZ67 A ₃ 250	PZ67 60 250	PZ67 115 250	PZ67 118 250	PZ67 +14 250	PZ67 +16 250	PZ67 +18 250
SuperLite 1.74	74 A ₃ 250	74 60 250	74 115 250	74 118 250	74 +14 250	74 +16 250	74 +18 250

Plastic	Shamir Autograph™		Shamir Genesis Plus™	Shamir Piccolo Plus™	Shamir FirstPAL™	Shamir Duo™
Minimum Fitting Height	16mm/19mm				15mm	15mm
Hard Resin 1.5	15 FFS 250	15 FF 250	15 G+ 250	15 P+ 250	15 FP 150	15 ♪ 250
Transitions® 1.5	TR FFS 250	TR FF 250	TR G+ 250	TR P+ 250	TR FP 150	TR ♪ 250
Transitions® XTRActive™ 1.5			X5 G+ 250	X5 P+ 250	X5 FP 150	X5 ♪ 250
Polarized 1.5	PZ FFS 250	PZ FF 250	PZ G+ 250	PZ P+ 250	PZ FP 150	PZ ♪ 250
Drivewear® 1.5					DW FP 150	DW ♪ 250
DLC™ (Trivex) / NXT 1.53						TX ♪ 250
DLC™ (Trivex) Transitions® 1.53						TTX ♪ 250
Polycarbonate 1.59	PC FFS 250	PC FF 250	PC G+ 250	PC P+ 250	PC FP 150	PC ♪ 250
Polycarbonate Transitions® 1.59	PT FFS 250	PT FF 250	PT G+ 250	PT P+ 250	PT FP 150	PT ♪ 250
Polycarbonate Transitions® XTRActive™ 1.59			PX G+ 250	PX P+ 250	PX FP 150	PX ♪ 250

Tables

Hidden Markings on Engraved Lenses

Shamir (continued)

Plastic	Shamir Autograph™		Shamir Genesis Plus™	Shamir Piccolo Plus™	Shamir FirstPAL™	Shamir Duo™	
	16mm/19mm					15mm	15mm
Minimum Fitting Height	16mm/19mm					15mm	15mm
Polycarbonate Polarized 1.59	PPZ FFS 250	PPZ FF 250	PPZ G+ 250	PPZ P+ 250	PPZ FP 150	PPZ ♪ 250	♪ 250
Polycarbonate Drivewear® 1.59					PW FP 150	PW ♪ 250	♪ 250
SuperLite™ 1.6	16 FFS 250	16 FF 250	16 G+ 250	16 P+ 250	16 FP 150	16 ♪ 250	♪ 250
SuperLite Transitions® 1.6	T6 FFS 250	T6 FF 250	T6 G+ 250	T6 P+ 250	T6 FP 150	T6 ♪ 250	♪ 250
SuperLite Transitions® XTRActive™ 1.6			X6 G+ 250	X6 P+ 250	X6 FP 150	X6 ♪ 250	♪ 250
SuperLite Polarized 1.6					PZ6 FP 150	PZ6 ♪ 250	♪ 250
SuperLite 1.67	67 FFS 250	67 FF 250	67 G+ 250			67 ♪ 250	♪ 250
SuperLite Transitions® 1.67	T67 FFS 250	T67 FF 250	T67 G+ 250	T67 P+ 250		T67 ♪ 250	♪ 250
SuperLite Transitions® XTRActive™ 1.67			X67 G+ 250	X67 P+ 250		X67 ♪ 250	♪ 250
SuperLite Polarized 1.67						PZ67 ♪ 250	♪ 250
SuperLite 1.74						74 ♪ 250	♪ 250

Plastic	Attitude III Sport™	Attitude III Fashion™	Attitude III SV™	Shamir Golf™	
				Pal	SV
Minimum Fitting Height	18mm	15mm/18mm		19mm	
Hard Resin 1.5	15 ♪ 250	15 ♪ 250	15 AT ₃ 250		
Transitions® 1.5	TR ♪ 250	TR ♪ 250	TR AT ₃ 250		
Transitions® XTRActive™ 1.5	X5 ♪ 250	X5 ♪ 250	X5 AT ₃ 250		
Polarized 1.5	PZ ♪ 250	PZ ♪ 250	PZ AT ₃ 250		
Drivewear® 1.5	DW ♪ 250	DW ♪ 250	DW AT ₃ 250		

Tables

Hidden Markings on Engraved Lenses

Shamir (continued)

Plastic	Attitude III Sport™	Attitude III Fashion™	Attitude III SV™	Shamir Golf™	
				Pal	SV
Minimum Fitting Height				19mm	
DLC™ (Trivex) / NXT 1.53	TX ☉ ☉ ∩ 250	TX ☉ ☉ ∩ 250	TX ☉ ☉ AT ₃ 250	TX ☉ ☉ ∩ 250	TX ☉ ☉ ∩ SV
DLC™ (Trivex) Transitions® 1.53	TTX ☉ ☉ ∩ 250	TTX ☉ ☉ ∩ 250	TTX ☉ ☉ AT ₃ 250	TTX ☉ ☉ ∩ 250	TTX ☉ ☉ ∩ SV
Polycarbonate 1.59	PC ☉ ☉ ∩ 250	PC ☉ ☉ ∩ 250	PC ☉ ☉ AT ₃ 250	PC ☉ ☉ ∩ 250	PC ☉ ☉ ∩ SV
Polycarbonate Transitions® 1.59	PT ☉ ☉ ∩ 250	PT ☉ ☉ ∩ 250	PT ☉ ☉ AT ₃ 250	PT ☉ ☉ ∩ 250	PT ☉ ☉ ∩ SV
Polycarbonate Transitions® XTRActive™ 1.59	PX ☉ ☉ ∩ 250	PX ☉ ☉ ∩ 250	PX ☉ ☉ AT ₃ 250		
Polycarbonate Polarized 1.59	PPZ ☉ ☉ ∩ 250	PPZ ☉ ☉ ∩ 250	PPZ ☉ ☉ AT ₃ 250	PPZ ☉ ☉ ∩ 250	PPZ ☉ ☉ ∩ SV
Polycarbonate Drivewear® 1.59	PW ☉ ☉ ∩ 250	PW ☉ ☉ ∩ 250	PW ☉ ☉ AT ₃ 250		
SuperLite™ 1.6	16 ☉ ☉ ∩ 250	16 ☉ ☉ ∩ 250	16 ☉ ☉ AT ₃ 250	16 ☉ ☉ ∩ 250	16 ☉ ☉ ∩ SV
SuperLite Transitions® 1.6	T6 ☉ ☉ ∩ 250	T6 ☉ ☉ ∩ 250	T6 ☉ ☉ AT ₃ 250		T6 ☉ ☉ ∩ SV
SuperLite Transitions® XTRActive™ 1.6	X6 ☉ ☉ ∩ 250	X6 ☉ ☉ ∩ 250	X6 ☉ ☉ AT ₃ 250		
SuperLite Polarized 1.6	PZ6 ☉ ☉ ∩ 250	PZ6 ☉ ☉ ∩ 250	PZ6 ☉ ☉ AT ₃ 250	PZ6 ☉ ☉ ∩ 250	PZ6 ☉ ☉ ∩ SV
SuperLite 1.67	67 ☉ ☉ ∩ 250	67 ☉ ☉ ∩ 250	67 ☉ ☉ AT ₃ 250		
SuperLite Transitions® 1.67	T67 ☉ ☉ ∩ 250	T67 ☉ ☉ ∩ 250	T67 ☉ ☉ AT ₃ 250		
SuperLite Transitions® XTRActive™ 1.67	X67 ☉ ☉ ∩ 250	X67 ☉ ☉ ∩ 250	X67 ☉ ☉ AT ₃ 250		
SuperLite Polarized 1.67	PZ67 ☉ ☉ ∩ 250	PZ67 ☉ ☉ ∩ 250	PZ67 ☉ ☉ AT ₃ 250		
SuperLite 1.74					

Tables

Hidden Markings on Engraved Lenses

















































































Shamir (continued)

Plastic	Shamir Computer™	Shamir WorkSpace™	Shamir Smart Office™	Shamir Intial™			
Minimum Fitting Height	14mm	14mm	14mm	16mm/19mm			
Hard Resin 1.5	15 FFC 14	15 FFW 14	15 FFO -175	X H	X 250	X H	X 250
Transitions® 1.5	TR FFC 14	TR FFW 14		X H	X 250	X H	X 250
Transitions® XTRActive™ 1.5							
Polarized 1.5							
Drivewear® 1.5							
DLC™ (Trivex) / NXT 1.53							
DLC™ (Trivex) Transitions® 1.53							
Polycarbonate 1.59	PC FFC 14	PC FFW 14	PC FFO -175				
Polycarbonate Transitions® 1.59	PT FFC 14	PT FFW 14					
Polycarbonate Transitions® XTRActive™ 1.59							
Polycarbonate Polarized 1.59							
Polycarbonate Drivewear® 1.59							
SuperLite™ 1.6	16 FFC 14	16 FFW 14	16 FFO -175	X H	X 250	X H	X 250
SuperLite Transitions® 1.6	T6 FFC 14	T6 FFW 14		X H	X 250	X H	X 250
SuperLite Transitions® XTRActive™ 1.6							
SuperLite Polarized 1.6							
SuperLite 1.67							
SuperLite Transitions® 1.67							
SuperLite Transitions® XTRActive™ 1.67							
SuperLite Polarized 1.67							
SuperLite 1.74							

Tables

Hidden Markings on Engraved Lenses



Shamir (continued)

Plastic	Shamir Office™	Shamir Smart SV As Worn™	Shamir Smart SV™	Shamir Relax™
Minimum Fitting Height	16mm			16mm
Hard Resin 1.5	  -175	15  FF  SV>>	15  FF  SV	15  RLX 
Transitions® 1.5		TR  FF  SV>>	TR  FF  SV	TR  RLX 
Transitions® XTRActive™ 1.5				X5  RLX 
Polarized 1.5		PZ  FF  SV>>	PZ  FF  SV	PZ  RLX 
Drivewear® 1.5	  PC -175	DW  FF  SV>>	DW  FF  SV	DW  RLX 
DLC™ (Trivex) 1.53		TX  FF  SV>>	TX  FF  SV	
DLC™ (Trivex) Transitions® 1.53		TTX  FF  SV>>	TTX  FF  SV	
Polycarbonate 1.59		PC  FF  SV>>	PC  FF  SV	PC  RLX 
Polycarbonate Transitions® 1.59		PT  FF  SV>>	PT  FF  SV	PT  RLX 
Polycarbonate Transitions® XTRActive™ 1.59				PX  RLX 
Polycarbonate Polarized 1.59		PPZ  FF  SV>>	PPZ  FF  SV	PPZ  RLX 
Polycarbonate Drivewear® 1.59				PD  RLX 
SuperLite™ 1.6		16  FF  SV>>	16  FF  SV	16  RLX 
SuperLite Transitions® 1.6		T6  FF  SV>>	T6  FF  SV	T6  RLX 
SuperLite Transitions® XTRActive™ 1.6				X6  RLX 
SuperLite Polarized 1.6		PZ6  FF  SV>>	PZ6  FF  SV	PZ6  RLX 

Tables

Hidden Markings on Engraved Lenses

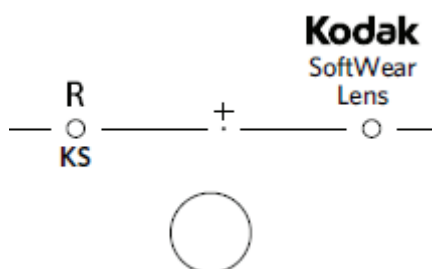
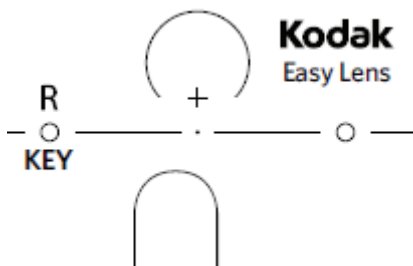
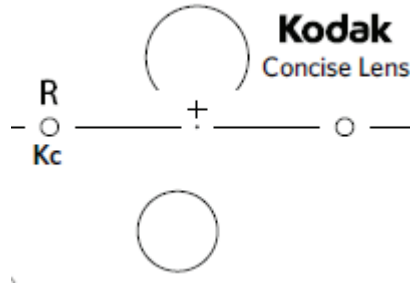
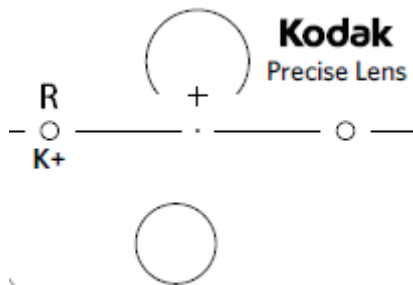
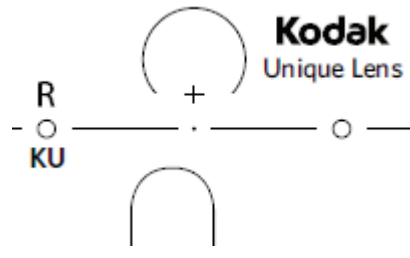
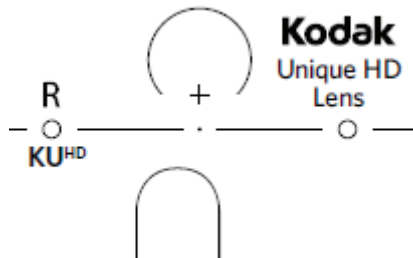
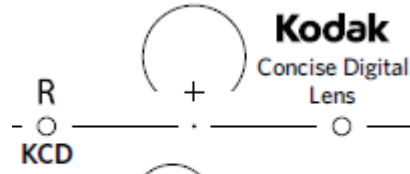
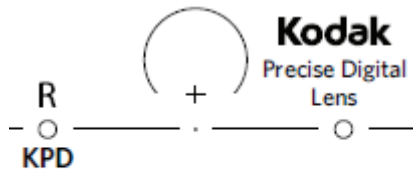
Shamir (continued)

Plastic	Shamir Office™	Shamir Smart SV As Worn™	Shamir Smart SV™	Shamir Relax™
Minimum Fitting Height	16mm			16mm
SuperLite 1.67		67 FF SV>>	67 FF SV	
SuperLite Transitions® 1.67		T67 FF SV>>	T67 FF SV	
SuperLite Transitions® XTRActive™ 1.67				
SuperLite Polarized 1.67		PZ67 FF SV>>	PZ67 FF SV	
SuperLite 1.74		74 FF SV>>	74 FF SV	
Mineral 1.523	  -175			

Tables






Hidden Markings on Engraved Lenses

Signet Armolite



Tables

Hidden Markings on Engraved Lenses

Signet Armolite	Temporal Markings	Nasal Markings	Fitting Cross above markings
SA Navigator	0	0	2mm
1.5 CR39			
1.56			
1.59			
1.6			
SA Navigator Short	0	0	2mm
1.5 CR39			
1.56			
1.6		no markings	
SA Xcel	0	0	0mm
1.5 CR39		CCCO	
SA Signia Premium	0	0	4mm
1.5 CR39		SAP	
1.53		SAP3	
1.59		SAP6	
1.6		SAP6	
1.67		SAP7	
1.74		SAP4	
SA Signia Plus	0	0	4mm
1.5 CR39		SA+	
1.6		SA+6	
1.67		SA+7	
SA Signia	0	0	4mm
1.5 CR39		SA	
1.6		SA6	
1.67		SA7	

Tables

Hidden Markings on Engraved Lenses

Younger Optics

Adage	Ⓜ Add	Ⓜ
Image Trilogy	Y Add	Y
Image	Y Add	Y
Image 1.67	Y Add	Y HI
Image Easy Lite 1.55	Y Add	Y I
Image Decentered Polycarbonate	Y Add	Y D

Tables

Hidden Markings on Engraved Lenses

Zeiss

Zeiss

Invisible Markings

Progressive Individual 2 & Sport	1.74	I274	Progressive Plus 2 Short & Sport	1.67	p267
Progressive Individual 2 & Sport	1.67	I267	Progressive Plus 2 Short & Sport	1.60	p260
Progressive Individual 2 & Sport	1.60	I260	Progressive Plus 2 Short & Sport	1.53	p253
Progressive Individual 2 & Sport	1.53	I253	Progressive Plus 2 Short & Sport	1.50	p250
Progressive Individual 2 & Sport	1.50	I250			
Progressive Individual 2 Mineral	1.80	I280	PAL EnergizeMe	1.74	PEM74
Progressive Individual 2 Mineral	1.60	I260	PAL EnergizeMe	1.67	PEM67
			PAL EnergizeMe	1.60	PEM60
Progressive Precision Superb	1.74	PS74	PAL EnergizeMe	1.53	PEM53
Progressive Precision Superb	1.67	PS67	PAL EnergizeMe	1.50	PEM50
Progressive Precision Superb	1.60	PS60			
Progressive Precision Superb	1.53	PS53	Progressive DriveSafe Individual	1.74	DSI74
Progressive Precision Superb	1.50	PS50	Progressive DriveSafe Individual	1.67	DSI67
Progressive Precision Superb Mineral	1.80	PS80	Progressive DriveSafe Individual	1.60	DSI60
Progressive Precision Superb Mineral	1.60	PS60	Progressive DriveSafe Individual	1.53	DSI53
			Progressive DriveSafe Individual	1.50	DSI50
Progressive Superb Sport	1.67	S67			
Progressive Superb Sport	1.60	S60	Progressive DriveSafe	1.74	DS74
Progressive Superb Sport	1.53	S53	Progressive DriveSafe	1.67	DS67
Progressive Superb Sport	1.50	S50	Progressive DriveSafe	1.60	DS60
			Progressive DriveSafe	1.53	DS53
Progressive Precision Plus	1.74	PL74	Progressive DriveSafe	1.50	DS50
Progressive Precision Plus	1.67	PL67			
Progressive Precision Plus	1.60	PL60	Bifocal CT25	1.50	C550
Progressive Precision Plus	1.53	PL53	Bifocal CT28	1.50	C850
Progressive Precision Plus	1.50	PL50	Bifocal Aphal R22	1.50	R250
Progressive Precision Plus	1.80	PL80	Trifocal S728	1.50	S850
Progressive Precision Plus	1.60	PL60	Bifocal CT25 Mineral	1.60	C560
			Bifocal CT28 Mineral	1.50	C850
Officelens Individual	1.74	OI74	Officelens Plus	1.74	OP74
Officelens Individual	1.67	OI67	Officelens Plus	1.67	OP67
Officelens Individual	1.60	OI60	Officelens Plus & Mineral	1.60	OP60
Officelens Individual	1.53	OI53	Officelens Plus	1.53	OP53
Officelens Individual	1.50	OI50	Officelens Plus	1.50	OP50
Officelens Superb	1.74	OS74	Officelens Plus Short	1.74	op74
Officelens Superb	1.67	OS67	Officelens Plus Short	1.67	op67
Officelens Superb	1.60	OS60	Officelens Plus Short	1.60	op60
Officelens Superb	1.53	OS53	Officelens Plus Short	1.53	op53
Officelens Superb	1.50	OS50	Officelens Plus Short	1.50	op50

Tables

Hidden Markings on Engraved Lenses

Zeiss

Zeiss

Invisible Markings

Digital	1.74	D74	Digital Individual	1.74	DI74
Digital	1.67	D67	Digital Individual	1.67	DI67
Digital	1.60	D60	Digital Individual	1.60	DI60
Digital	1.53	D53	Digital Individual	1.53	DI53
Digital	1.50	D50	Digital Individual	1.50	DI50
Digital	1.80	D80	Digital Individual Mineral	1.80	DI80
Digital	1.60	D60	Digital Individual Mineral	1.60	DI60
Digital EnergizeME	1.74	DEM74	S/V EnergizeMe	1.74	SEM74
Digital EnergizeME	1.67	DEM67	S/V EnergizeMe	1.67	SEM67
Digital EnergizeME	1.60	DEM60	S/V EnergizeMe	1.60	SEM60
Digital EnergizeME	1.53	DEM53	S/V EnergizeMe	1.53	SEM53
Digital EnergizeME	1.50	DEM50	S/V EnergizeMe	1.50	SEM50
S/V DriveSafe Individual	1.74	VDI74	S/V DriveSafe	1.74	VD74
S/V DriveSafe Individual	1.67	VDI67	S/V DriveSafe	1.67	VD67
S/V DriveSafe Individual	1.60	VDI60	S/V DriveSafe	1.60	VD60
S/V DriveSafe Individual	1.53	VDI53	S/V DriveSafe	1.53	VD53
S/V DriveSafe Individual	1.50	VDI50	S/V DriveSafe	1.50	VD50
Single Vision Individual	1.74	VI74	Single Vision Suberb	1.74	VS74
Single Vision Individual	1.67	VI67	Single Vision Suberb	1.67	VS67
Single Vision Individual	1.60	VI60	Single Vision Suberb	1.60	VS60
Single Vision Individual	1.53	VI53	Single Vision Suberb	1.53	VS53
Single Vision Individual	1.50	VI50	Single Vision Suberb	1.50	VS50
Single Vision Aspheric	1.74	AS74	Single Vision Spherical	1.67	SP67
Single Vision Aspheric	1.67	AS67	Single Vision Spherical	1.60	SP60
Single Vision Aspheric	1.60	AS60	Single Vision Spherical	1.53	SP53
Single Vision Aspheric	1.53	AS53	Single Vision Spherical	1.50	SP50
Single Vision Aspheric	1.50	AS50			
S/V Spherical Mineral	1.90	SP90	S/V SmartLife	1.74	SL74
S/V Spherical Mineral	1.80	SP80	S/V SmartLife	1.67	SL67
S/V Spherical Mineral	1.70	SP70	S/V SmartLife	1.60	SL60
S/V Spherical Mineral	1.60	SP60	S/V SmartLife	1.53	SL53
S/V Spherical Mineral	1.50	SP50	S/V SmartLife	1.50	SL50

Zeiss

Zeiss

Invisible Markings

SmartLife Digital	1.74	DSL74	SmartLife Digital Individual	1.74	DLI74
SmartLife Digital	1.67	DSL67	SmartLife Digital Individual	1.67	DLI67
SmartLife Digital	1.60	DSL60	SmartLife Digital Individual	1.60	DLI60
SmartLife Digital	1.53	DSL53	SmartLife Digital Individual	1.53	DLI53
SmartLife Digital	1.50	DSL50	SmartLife Digital Individual	1.50	DLI50
SmartLife Progressive Plus	1.74	SPL74	SmartLife Progressive Superb	1.74	SSB74
SmartLife Progressive Plus	1.67	SPL67	SmartLife Progressive Superb	1.67	SSB67
SmartLife Progressive Plus	1.60	SPL60	SmartLife Progressive Superb	1.60	SSB60
SmartLife Progressive Plus	1.53	SPL53	SmartLife Progressive Superb	1.53	SSB53
SmartLife Progressive Plus	1.50	SPL50	SmartLife Progressive Superb	1.50	SSB50
SmartLife Progressive Individual	1.74	SIN74			
SmartLife Progressive Individual	1.67	SIN67			
SmartLife Progressive Individual	1.60	SIN60			
SmartLife Progressive Individual	1.53	SIN53			
SmartLife Progressive Individual	1.50	SIN50			