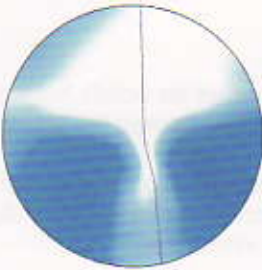


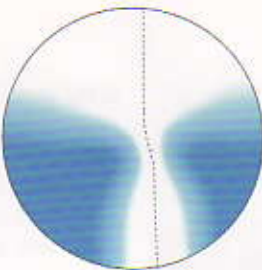
# Technical data of Impression and Impression XS.

Illustration: power combination with a conventional progressive and with Impression.



**Conventional progressive:**

- Considerable losses in optical performance due to the base curve effect and to the negligence of the individual parameters.



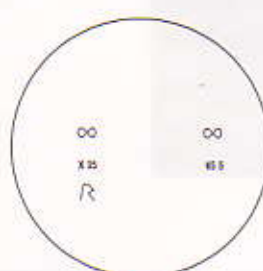
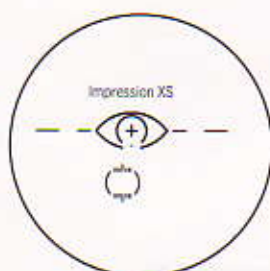
**Impression:**

- Optimum vision zones for all power combinations.
- Best optics thanks to individual optimisation.

Example:

Sph. +1.5 cyl. +1.0 A 60°  
Add. 2.25

PD 35 mm  
CVD 10 mm  
PT 5°, FFA 0°



**Symbols:**

∞ = Impression  
25 = Addition  
x = XS code  
65 = Base curve  
5 = Index 1.5  
R = Brand engraving

Example: **Impression XS**

**Impression XS**

**Technical material data:**

	Perfalit 1.5	Perfalit ColorMatic	Perfalit 1.6	Perfalit 1.67	Perfalit 1.74	Mineral 1.6	Mineral ColorMatic
$n_e$	1.502	1.518	1.597	1.668	1.737	1.604	1.604
Abbe No.	58.2	52	40.5	31.4	32.5	43.8	42.8
Density	1.32	1.22	1.30	1.37	1.47	2.67	2.57

**Delivery ranges:**

Diameters	Sph. in the main meridian in D						
	60/65	+8.0/-8.0	+8.0/-8.0	+8.0/-10.0	+8.0/-10.0	-	+8.0/-10.0
65/70	+8.0/-8.0	+8.0/-8.0	+8.0/-10.0	+8.0/-10.0	+8.0/-10.0	+8.0/-10.0	+8.0/-10.0
70/75	+6.0/-8.0	+6.0/-8.0	+6.0/-10.0	+6.0/-10.0	+6.0/-10.0	+6.0/-8.0	+6.0/-8.0
75/80	+4.0/-4.0	+4.0/-4.0	+4.0/-4.0	+4.0/-4.0	-	-	-
Additions							
Impression:	0.75 to 3.5						
Impression XS:	0.75 to 3.0						
Cylinder in each case up to 4.0 D; prism up to 5 Δ or where technically possible.							

**Fitting:**

According to the demand of the reference point.

**Ordering:**

Prescription values, interpupillary distance (PD), frame and fitting data, face form angle (FFA), pantoscopic tilt (PT) and (corneal) vertex distance (CVD).

As with all Rodenstock lenses optimised for the position in wear, the nominal measured values can be found on the lens envelope.

**Individual parameters:**

PD: 15 to 40 mm

CVD: 7 to 50 mm

FFA: -10° to +15°

PT: -10° to +20°