



# LENS SPECIFICATIONS

SURGICAL VIT LENSES				
Lens Name	FOV	Image Mag	Working Distance	Contact Diameter
Mini Quad®	106° / 127°	0.39x	Contact	11.35 mm
Mini Quad® SSV®	106° / 127°	0.39x	Contact	16.0 mm
Mini Quad® SSV® ACS®	106° / 127°	0.48x	Contact	11.38 mm
Mini Quad® XL SSV®	112° / 134°	0.39x	Contact	16.0 mm
Central Retinal	73° / 88°	0.71x	Contact	11.35 mm
Central Retinal SSV®	73° / 88°	0.71x	Contact	16.0 mm
Central Retinal ACS®	73° / 88°	0.71x	Contact	11.38 mmm
Central Retinal SSV® ACS®	73° / 88°	0.71x	Contact	16.0 mm
HRX Vit Lens	130° / 150°	0.43x	Contact	11.35 mm
HRX Vit SSV®	130° / 150°	0.43x	Contact	16.0 mm
HRX Vit ACS®	130° / 150°	0.43x	Contact	11.38 mm
HRX Vit SSV® ACS®	130° / 150°	0.43x	Contact	16.0 mm
Dyna View	95° / 127°	0.39x	Contact	8.08 mm
Super Macula®	64° / 77°	1.03x	Contact	11.35 mm
Direct Image Flat SSV® ACS	30°	0.92x	Contact	11.9 mm
Direct Image MidField SSV® ACS®	40°	0.50x	Contact	8.0 mm
Direct Image High-Mag SSV® ACS®	28°	1.50x	Contact	11.9 mm
Direct Image 15° Prism SSV® ACS®	30°	0.90x	Contact	11.9 mm
Direct Image 30° Prism SSV® ACS®	30°	0.90x	Contact	10.0 mm
Direct Image 45° Prism SSV® ACS®	30°	0.90x	Contact	10.0 mm

## SURGICAL VIT LENSES

Lens Name	FOV	Image Mag	Working Distance	Contact Diameter
Air Fluid Exchange SSV® ACS®	30°	0.82x	Contact	11.9 mm
HR Direct 1x	30°	1.00x	Contact	11.2 mm
HR Direct 1x NSR	30°	1.00x	Contact	11.2 mm
HR Direct Bi-Concave	45° Fluid 30° Air	0.49x Fluid 1.00x Air	Contact	11.2 mm
HR Direct High Mag	20°	1.35x	Contact	11.2 mm
HR Direct High Mag NSR	20°	1.35x	Contact	11.2 mm
HR Direct 20° Prism	40°	0.53x	Contact	11.2 mm
Merlin Mid-Field ACS®	80 / 95°	0.74x	4 mm	N/A
Merlin Wide-Angle ACS®	102 / 120°	0.43x	3 mm	N/A
Merlin Small Wide-Angle ACS®	95 / 112°	0.42x	3 mm	N/A
Volk1® Single-Use Flat SSV®	30°	0.92x	Contact	11.9 mm
Volk1® Single-Use Flat	36°	1.0x	Contact	13.2 mm
Volk1® Single-Use Magnifying	30°	1.50x	Contact	13.2 mm
Volk1® Single-Use 30° Prism	33°	1.00x	Contact	13.2 mm
Volk1® Single-Use Wide Field	48°	0.50x	Contact	13.2 mm
Volk1® Single-Use Bi-Concave	25°	0.80x	Contact	13.2 mm