

Vertaux 5.5mm Pedicle Screw

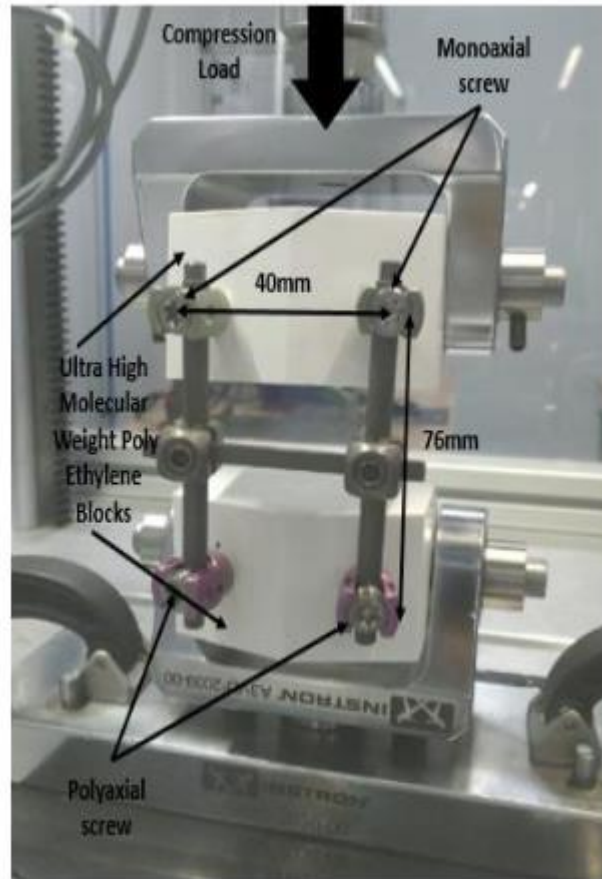
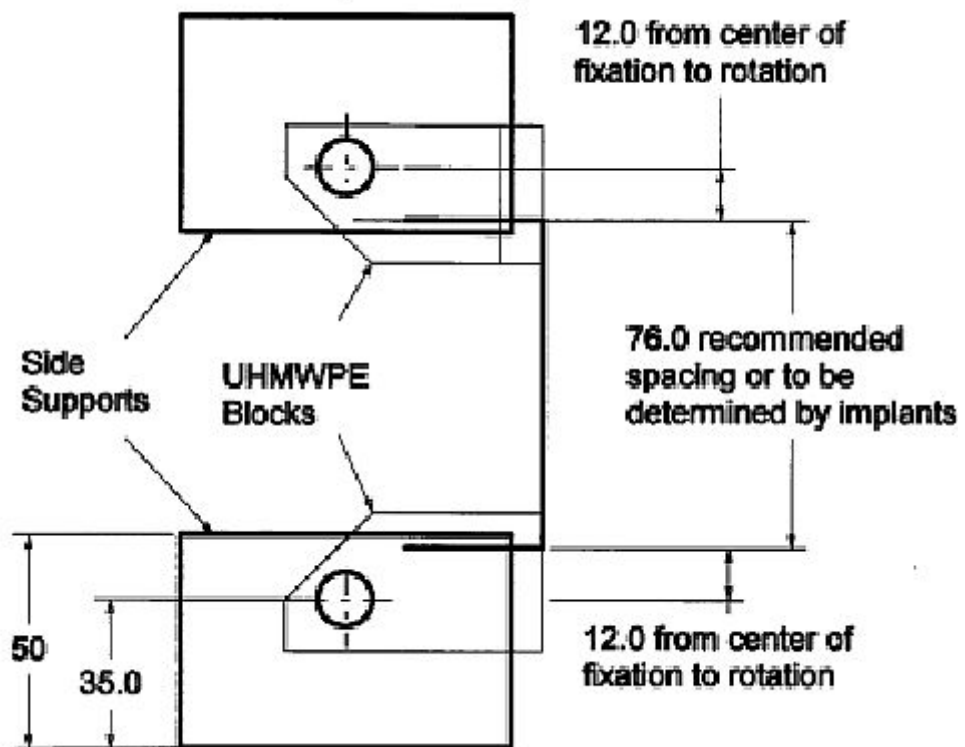


Fig: Test Setup



This test series was conducted to determine the torsional performance of Spinal System devices including hybrid construct of Auxein Medical as per ASTM F1717.

S.N.	Compressive Stiffness N/mm	Displacement at Yield mm	Yield Load N	Displacement at Ultimate Load mm	Ultimate Load N
1	52.63	6.78	296	9.8	313.26
2	48.90	7.10	320	9.6	355.60
3	53.32	6.72	303.3	9.65	315.16
4	46.12	6.88	325.2	9.9	343.40
5	54.42	7.07	315.2	9.7	335.05
Mean	51.08	6.91	311.9	9.73	332.49
S.D.	3.46	0.17	12.04	0.12	18.23