	Two Entity Constraints				Single Entity Constraints	Symmetry Constraints
	Point	**Line**	**Circle**	**Arc**	**None**	**Symmetry Line**
Point	Point On Point Distance Between Two Points Vertical Distance Between Two Points Horizontal Distance Between Two Points	Point On a Line Distance Between a Point and Line Vertical Distance Between a Point and Line Horizontal Distance Between a Point and Line Angle Between Two Lines Parallel Lines Perpendicular Lines Co-linear Lines Point on Midpoint of a Line	Point On Circle Point on Quadrant Point	Point On Arc Point on Arc Midpoint		Two Symmetric Points
Line		Two Lines Equal Length	Line Tangent To Circle	Line Tangent To Arc	Horizontal Vertical Line Length	Two Symmetric Lines
Circle			Equal Radius (Circle-Circle) Concentric (Circle-Circle)	Equal Radius (Arc-Circle) Concentric (Arc-Circle)	Circle Radius	Two Symmetric Circles
Arc				Equal Radius (Arc-Arc) Concentric (Arc-Arc)	Arc Radius Arc Rules	Two Symmetric Arcs

*	pointToLine
*	pointOnCurve
S *	horizontal
S *	vertical
S *	radiusValue
*	tangentToArc
*	tangentToCircle
S *	arcRules
*	Point to point Distance
*	Point to point vertical Distance
*	Point to point horizontal Distance
*	Point to line Distance
*	Point to line vertical Distance
*	Point to line horizontal Distance
S *	lineLength
*	equalLegnth
S *	arcRadius
*	equalRadiusArcs
*	equalRadiusCircles
*	equalRadiusCircArc
*	concentricArcs
*	concentricCircles
*	concentricCircArc
S *	circleRadius
*	angle (between two lines)
*	parallel
*	Perpendicular
*	Colinear Lines

Line	Horizontal Vertical Line Length
Circle	Circle Radius
Arc	Arc Radius Arc Rules