



Axles

Production rate of glass cutting is dependent on the suitability between wheels and axles. The axles' wear resistance, tolerance of cylindricity, and precision of diameter and length have been strictly examined.

The axles' quick wear is among the major factors that cause damages to scribing wheels and deteriorate the scribing quality. Lots of abnormal variations in scribing quality along with decreasing in service life of the wheels have connections with misuse or weakness of the axles.

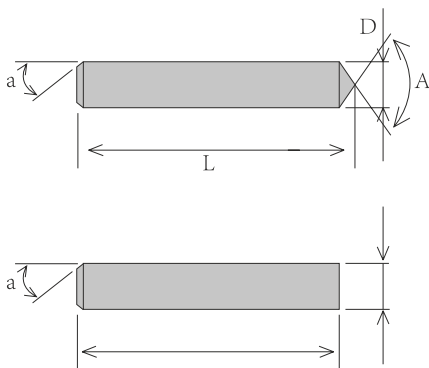
Oakland Diamond Tools provides both carbide and PCD diamond axles. The stable cutting quality and long service life are guaranteed. The strong suitability of the scribing wheel and the axle reduces the friction between them, also prolong the service life of the scribing wheel.



Carbide Axles



Diamond Axles



Description	Specification						
	Diameter (mm +/- .01)	Length (mm +/- .005)	A(°)	a(°)	Coaxiality (µm)	Cylindricity (µm)	Roughness (µm)
Carbide/ Diamond Axles	0.80	5.00	120	45	5.00	2.00	0.20
	1.00	8.00					
	1.10	8.00					
	1.20	8.00					
	1.30	12.00					
	1.40	13.00					