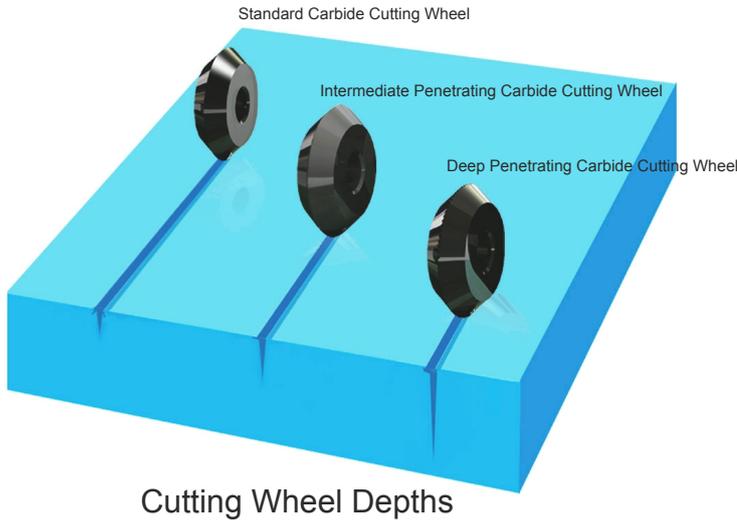




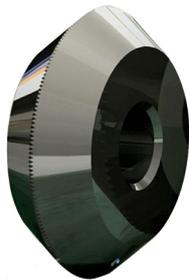
Deep Penetrating Glass Cutting Wheels



The quality of scribing wheels directly determines production rate of glass cutting.

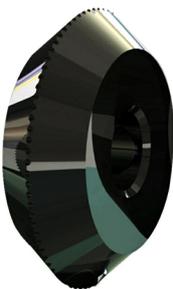
Oakland Diamond Tools Deep Penetrating scribing wheels features stability, sharpness and adaptability of edges, precise angles of edges, accurate roundness of inner holes and thickness, guarantees excellent glass cutting quality.

Our glass cutting wheels display excellent precision, consistency, extremely long service life, controllable crack depth, straight cutting line, vertical and smooth cutting surface without any damage.



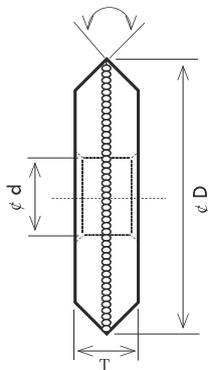
Deep Penetrating Carbide Cutting Wheel

Deep penetrating carbide cutting wheels allow the wheels to penetrate deeper into the glass than the regular wheels. They smoothly score glasses with reduced chippings, thus significantly decrease the scrap and rework rate to improve productivity while keeping production costs down. Mainly used with float glass, constructional engineering glass, glass doors and windows, and mirrors.



Deep Penetrating PCD Diamond Cutting Wheel

Deep penetrating diamond scribing wheels are largely used to cut various thin glasses, LCD, TFT panels and substrates, touch screen, auto glass, etc. Cutting line is straight and cutting surface is smooth without any damage, while the crack depth is controllable and crack surface is vertical.



Description	Specification					
	OD(mm)	ID(mm)	T(mm)	$\Theta(^{\circ})$	Teeth(mm)	Deep of Teeth(mm)
Deep Penetrating Carbide/ PCD Diamond Scribing Wheel	1.20	0.50	0.40	80-140	100-230	0.005--0.015
	1.80	0.80	0.65			
	2.00	0.80	0.65			
	2.50	0.80	0.65		3-540	0.001--0.004
	3.00	0.80	0.65			
	3.20	1.20	1.00			
	4.00	1.30	1.00			
	5.00	1.30	1.00			



Carbide/ Diamond Glass Cutting Wheels



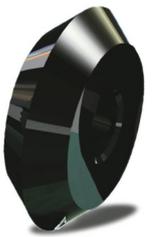
Carbide Scribing Wheels

Carbide glass cutting wheels are available in a variety of different sizes, cutting angles and grinds. The wheels are manufactured with high precision machinery, using high quality tungsten alloy materials. It has excellent score results, abrasive resistance and long service life.



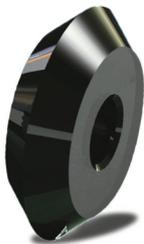
Fusion PCD Diamond Cutting Wheels

Fusion PCD cutting wheels combines the carbide and PCD diamond material with a tightly controlled finish at the cutting edge. The combination gives the wheel a much longer service life and higher cost effectiveness compared with conventional carbide wheels.



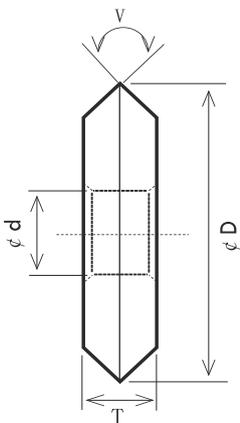
Standard Diamond Scribing Wheels

Mirror Polished on both sides. Since friction between polished wheel and wheel holder is very low, the holder and axle will have longer service time. Cutting performance is steady, smooth and the cutting line is perfect. PCD diamond scribing wheels are mainly applied to cut glass that requires high precision and edge quality, especially well for cutting float glass and very thin glass.



Eco Diamond Scribing Wheels

Sub-Polished on both sides. Users gain enormous profit at the very low cost and in return great glass cutting field. The service life is extraordinarily long compared to carbide wheels, costs much lower than conventional diamond wheels, which make these wheels the economical longer-term solution.



Description	Specification			
	OD(mm)	ID(mm)	T(mm)	V(°)
Carbide Glass Cutting Wheels/ PCD Diamond Cutting Wheels	2.00	0.80	0.65	60-165
	2.50	0.80	0.65	
	3.00	0.80	0.65	
	3.20	1.20	1.00	
	4.10	1.30	1.00	
	4.10	1.40	1.10	
	5.00	1.40	1.10	
Fusion Diamond Cutting Wheels	2.00	0.80	0.65	
	2.50	0.80	0.65	
	3.00	0.80	0.65	