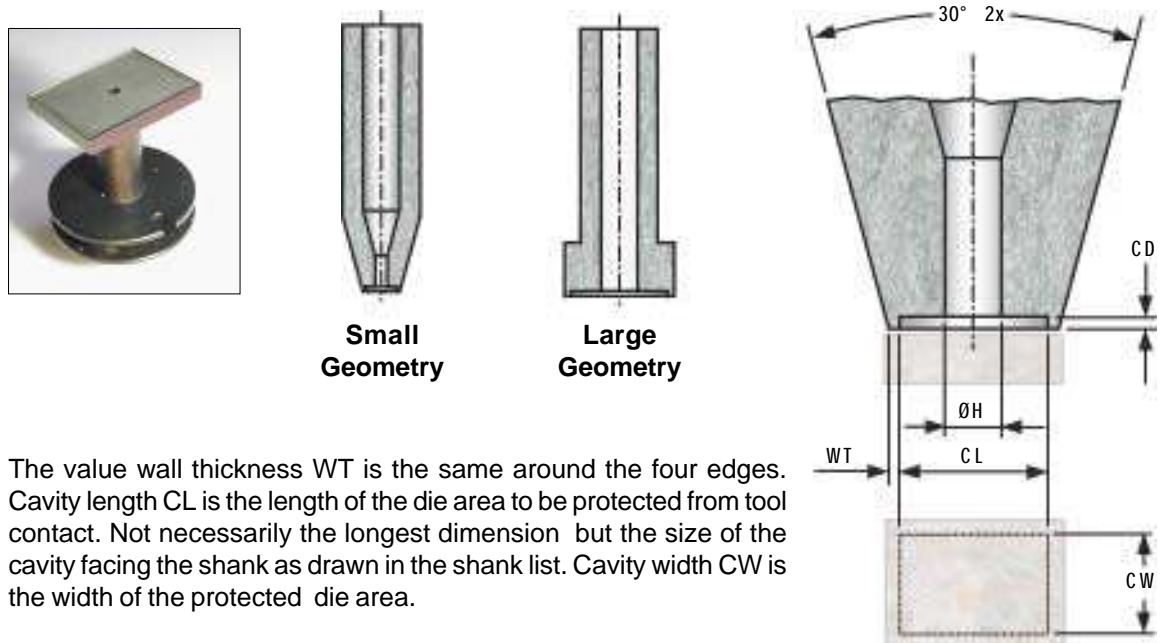


## PL : PERIPHERAL PICK-UP TOOL

PL tool offers the flexibility to select custom tool outer dimension, wall size and vacuum hole dimension. Peripheral pick-up are particularly suited in the following situations :

- When the surface contact area between the tool and the die must be minimized.
- When certain die areas are to be protected from tool contact.
- When vacuum force must be increased (compared to CT or RT pick-up).

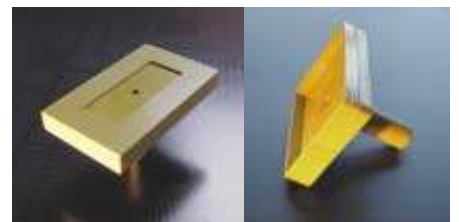
PL tools are traditionally proposed in Tungsten Carbide (W) because of the need for very fine wall dimensions which are highly polished to eliminate sharp edges, to prevent damage to the die surface. Plastic base material is only recommended when some restrictions are respected. See below compatibility table.



The value wall thickness WT is the same around the four edges. Cavity length CL is the length of the die area to be protected from tool contact. Not necessarily the longest dimension but the size of the cavity facing the shank as drawn in the shank list. Cavity width CW is the width of the protected die area.

CD = .003" / 0.076mm by default or as specified

Minimum Dimensions		
Material	CL / CW	WT
W	.005" / 0.130	.001" / 0.025
TOR, HTV, HTV21	.012" / 0.30	.005" / 0.13
DEL	.012" / 0.30	.010" / 0.25



How To Order				
	Shank Style & Length	Mat'l	Tip Config.	Dimensions CL - CW - WT - (CD)
EXAMPLE :	2102-.750	- W	- PL	- .050 - .040 - .003
	2138	- TOR	- PL	- 4.50 - 2.80 - 0.20 - 0.35

\*Note : For Material information and selection see page 5