

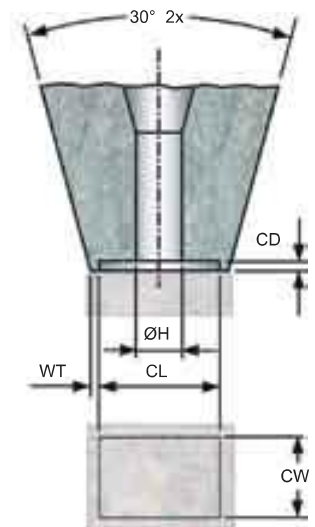
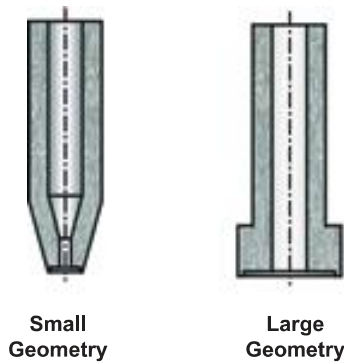
PL : PERIPHERAL PICK-UP TOOL

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 of very fine wall sizes which are highly polished to eliminate sharp edges preventing damage to the die surface. Softer materials like plastic & rubber are available. See below the compatibility table.

The value wall thickness WT is usually 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.



Minimum Dimensions			
Material	CL & CW	WT	CD (default)
W	.005" / 0.130	.001" / 0.025	.003" / 0.076
TOR, HTV, HTV21	.012" / 0.30	.005" / 0.13	.005" / 0.13
DEL	.012" / 0.30	.010" / 0.25	.005" / 0.13
NBR, FKM	.020" / 0.50	.010" / 0.25	.012" / 0.30



How To Order				
	Shank Style & Length	Mat'l	Tip Config.	Dimensions CL - CW - WT - (CD)
EXAMPLE:	MC26	- W	- PL	- .050 - .040 - .003
	2138	- TOR	- PL	- 4.50 - 2.80 - 0.20 - 0.35
	2102-19	- NBR	- PL	- 15.0 - 13.5 - 1.0 - 0.30