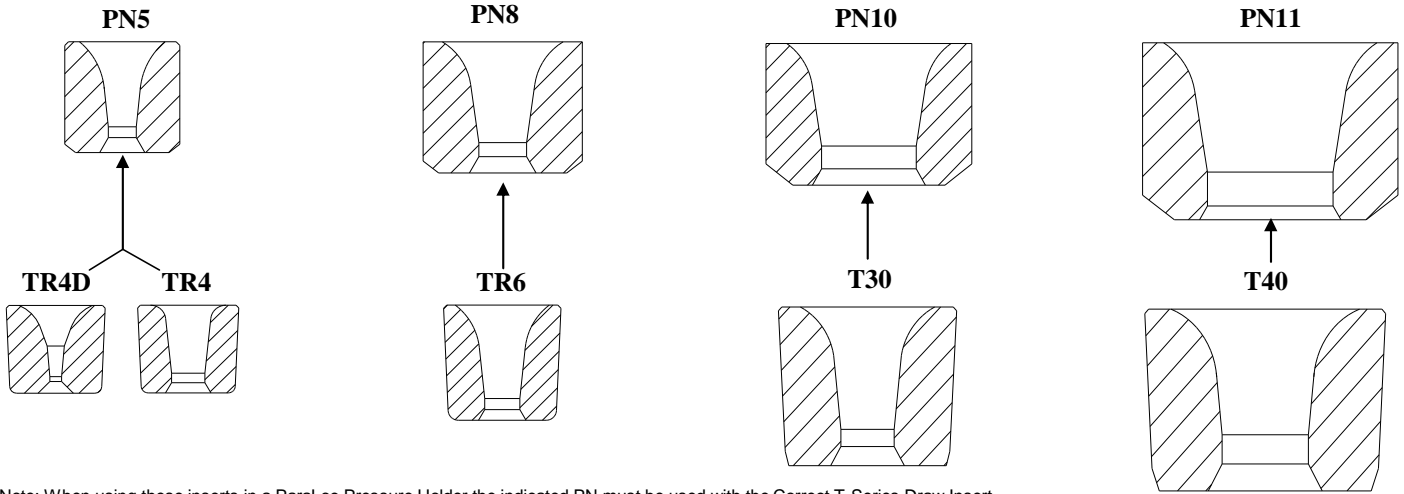




**ParaLoc Carbide Inserts (Metric)**



Note: When using these inserts in a ParaLoc Pressure Holder the indicated PN must be used with the Correct T-Series Draw Insert

The inserts listed are standard inventory: Other Diameters, Approach Angles, and Tolerances Available upon Request

**Drawing Inserts Standards (Metric)**

Standard Size Ranges and Stocking Plan				Standard Tolerances		
Drawing Insert Type	Standard Angles	Standard Size Range	Stocking Increment	Size Range	Bearing Length	Internal Diameter
TR4D	9°	0.20 - 0.74	*	0.20 - 0.49	20 - 50%	+ .002 / - .002
		0.75 - 1.49	0.01	0.50 - 0.74	25 - 50%	+ .003 / - .003
TR4	9°	0.75 - 1.99	0.01	0.75 - 2.49	30 - 50%	+ .000 / - .010
		2.00 - 3.98	0.02	2.50 - 5.07	30 - 50%	+ .005 / - .010
		4.00 - 5.00	0.05	5.08 - 7.59	20 - 40%	+ .010 / - .010
		4.48 - 0.74	*	7.60 - 12.69	20 - 35%	+ .010 / - .010
	12°	0.75 - 1.99	0.01	12.70 +	20 - 30%	+ .010 / - .010
		2.00 - 3.98	0.02			
		4.00 - 5.85	0.05			
		2.00 - 2.98	*			
16°	3.00 - 5.85	0.05				
TR6	9°	4.10 - 7.59	*			
	12°	4.20 - 8.95	*			
	18°	6.00 - 8.95	*			
T30	10°/12°/18°	6.50 - 16.50	*			
T40	12°/18°	14.00 - 21.60	*			

\* Sizes made to order from available rough core.

**Pressure Inserts Standards (Metric)**

Standard Size Ranges and Stocking Plan				Standard Tolerances		
Pressure Insert Type	Standard Angles	Standard Size Range	Stocking Increment	Size Range	Bearing Length	Internal Diameter
PN5	16°	0.75 - 0.99	*	0.50 - 1.49	10 - 50%	+ .010 / - .000
		1.00 - 2.49	0.02	1.50 - 4.99	05 - 40%	+ .020 / - .000
		2.50 - 6.05	0.05	5.00 - 9.99	05 - 40%	+ .030 / - .000
		6.06 - 7.10	*	10.00 +	05 - 30%	+ .050 / - .000
PN8	18°	7.10 - 10.95	*			
PN10	18°	8.25 - 19.85	*			
PN11	18°	19.90 - 29.15	*			

\* Sizes made to order from available rough core.