

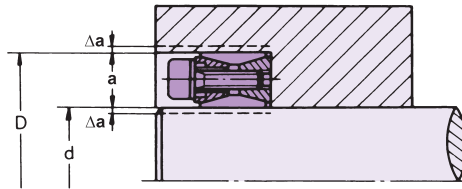
AS Inch/Metric Series

Special Tolerance Information

In cases where a slightly larger tolerance is required, the chart below can be used. To use this chart it is important to understand that the goal is to have the POWER-LOCK® centered in the middle of the machined opening (i.e.: $\Delta a = \Delta a$). Under these conditions the POWER-LOCK will transmit the published torque figures.

EXAMPLE: POWER-LOCK PL2
 inside diameter = 2.0000 inch
 outside diameter = 3.3460 inch

Shaft diameter 1.9976 inch (0.0024 inch undersize)
 Counter-bore diameter 3.3484 inch (0.0024 inch oversize)



d = nominal I.D.
D = nominal O.D.
Δa = deviation increment from nominal size

Note: Maximum tolerances applicable only when the absolute value of Δa of the shaft side is equal to that of the bore side.

Model Number	Model Number	Max. Clearance (inch)	
		Shaft	Bore
PL 3/4	PL019X047	-0.002"	+0.002"
~	~	+0	-0
PL1 1/8	PL030X055	-0.0025"	+0.0025"
~	~	+0	-0
PL1 3/16	PL032X060	-0.0029"	+0.0029"
~	~	+0	-0
PL1 15/16	PL050X080	-0.0034"	+0.0034"
~	~	+0	-0
PL2	PL055X085	-0.004"	+0.004"
~	~	+0	-0
PL3	PL080X120	-0.0045"	+0.0045"
~	~	+0	-0
PL3 3/8	PL085X125	-0.0051"	+0.0051"
~	~	+0	-0
PL4 1/2	PL120X165	-0.0051"	+0.0051"
~	~	+0	-0
PL4 15/16	PL130X180	-0.0051"	+0.0051"
~	~	+0	-0
PL7	PL180X235	-0.0051"	+0.0051"
~	~	+0	-0
PL7 1/2	PL190X250	-0.0051"	+0.0051"
~	~	+0	-0
PL10	PL240X305	-0.0051"	+0.0051"
~	~	+0	-0
PL10 1/2	PL260X325	-0.0051"	+0.0051"
~	~	+0	-0
PL11 13/16	PL300X375	-0.0051"	+0.0051"
~	~	+0	-0