

# PM90 Specifications

## Model PM90 - Standard Bore / Keyway Sizes (per AGMA Class 1, Clearance Fit)

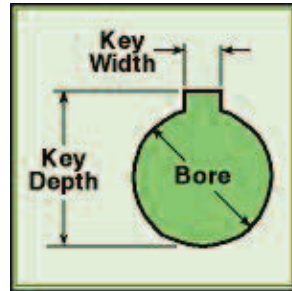
Part Number	Bore & Keyway Combinations	Bore Size**	Key Width	Key Depth	Set Screw	
					Size	Quantity
P090014N	7/16 x No Key	0.4375 / 0.4385	0.0938 / 0.0958	-	1/4-20 UNC	1
P09001403	7/16 x 3/32	0.4375 / 0.4385	0.125 / 0.127	0.484 / 0.495	1/4-20 UNC	1
P09001404	7/16 x 1/8	0.4375 / 0.4385	0.125 / 0.127	0.496 / 0.507	1/4-20 UNC	2
P09001604	1/2 x 1/8	0.500 / 0.501	0.125 / 0.127	0.560 / 0.571	1/4-20 UNC	2
P09001804	9/16 x 1/8	0.5625 / 0.5635	0.125 / 0.127	0.623 / 0.634	1/4-20 UNC	2
P09002005	5/8 x 5/32	0.625 / 0.626	0.1562 / 0.1582	0.698 / 0.709	1/4-20 UNC	2
P09002006	5/8 x 3/16	0.625 / 0.626	0.1875 / 0.1895	0.709 / 0.720	1/4-20 UNC	2
P09002206	11/16 x 3/16	0.6875 / 0.6885	0.1875 / 0.1895	0.773 / 0.784	1/4-20 UNC	2
P09002404	3/4 x 1/8	0.750 / 0.751	0.125 / 0.127	0.812 / 0.823	1/4-20 UNC	2
P09002406	3/4 x 3/16	0.750 / 0.751	0.1875 / 0.1895	0.837 / 0.848	1/4-20 UNC	2
P09002806	7/8 x 3/16	0.875 / 0.876	0.1875 / 0.1895	0.964 / 0.975	1/4-20 UNC	2
P09002808	7/8 x 1/4	0.875 / 0.876	0.250 / 0.252	0.982 / 0.993	1/4-20 UNC	2
P09010006	1 x 3/16	1.000 / 1.001	0.1875 / 0.1895	1.090 / 1.101	1/4-20 UNC	2
P09010008	1 x 1/4	1.000 / 1.001	0.250 / 0.252	1.114 / 1.125	1/4-20 UNC	2
P09010408	1 1/8 x 1/4	1.125 / 1.126	0.205 / 0.252	1.241 / 1.252	1/4-20 UNC	2

\* Shaded combinations are Semi-special - see price sheet

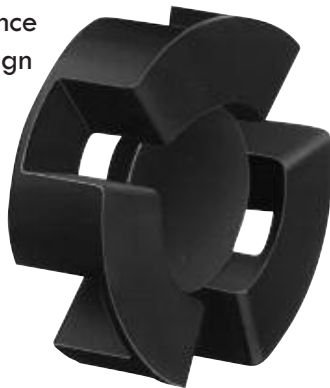
\*\* Other Bore/Keyway combinations are available. Consult factory for quotation.

### Model PM90 Bore Tolerances

Feature	Tolerance
Bore	-.000 / +.001
Key Width	-.000 / +.002
Key Depth	+.005 / +.016



As with Magnaloy's standard line of couplings, insert elastomer selection allows variable performance characteristics. Insert design eliminates metal-to-metal contact and assures electrical isolation of shafts.



#### Nitrile, 70A Durometer....

Standard elastomer material offering excellent resistance to petroleum products and superior compression set characteristics.

#### Urethane, 90A Durometer....

Excellent mechanical and physical properties. *Note:* Urethane material tends to soften when exposed to elevated temperatures or humid conditions.

#### Hytrel, 50D Durometer....

Superior mechanical and physical properties and offers excellent fluid compatibility and high temperature characteristics.

Additional insert materials available upon request from factory.

See page 7 for additional information on insert selection.