



Bore & Keyway Combinations

Standard Bore and Keyway Combinations

Magnaloy "Standard" Bore Key Combinations												
Model Code	Bore/Key Code	Model		100	200	300	400	500	600	700	800	900
		Bore	Key									
M	01203	3/8	x 3/32	*	*							
M	01403	7/16	x 3/32	*	*							
M	01404	7/16	x 1/8	*	*							
M	01604	1/2	x 1/8	*	*	*						
M	01804	9/16	x 1/8	*	*	*						
M	02005	5/8	x 5/32	*	*	*						
M	02006	5/8	x 3/16	*	*	*	*					
M	02206	11/16	x 3/16	*	*	*	*					
M	02404	3/4	x 1/8	*	*	*	*					
M	02406	3/4	x 3/16	*	*	*	*	*				
M	02806	7/8	x 3/16	*	*	*	*	*				
M	02808	7/8	x 1/4	*	*	*	*	*				
M	03008	15/16	x 1/4	*	*	*	*	*	*			
M	10006	1	x 3/16	*	*	*	*	*	*			
M	10008	1	x 1/4	*	*	*	*	*	*			
M	10408	1 1/8	x 1/4	*	*	*	*	*	*			
M	10608	1 3/16	x 1/4	*	*	*	*	*	*			
M	10808	1 1/4	x 1/4	*	*	*	*	*	*			
M	10810	1 1/4	x 5/16	*	*	*	*	*	*	*		
M	11210	1 3/8	x 5/16	*	*	*	*	*	*	*		
M	11212	1 3/8	x 3/8	*	*	*	*	*	*	*		
M	11412	1 7/16	x 3/8	*	*	*	*	*	*	*		
M	11610	1 1/2	x 5/16	*	*	*	*	*	*	*	*	
M	11612	1 1/2	x 3/8	*	*	*	*	*	*	*	*	
M	12012	1 5/8	x 3/8	*	*	*	*	*	*	*	*	
M	12412	1 3/4	x 3/8	*	*	*	*	*	*	*	*	

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Model Code	Bore/Key Code	Model		100	200	300	400	500	600	700	800	900
		Bore	Key									
M	12414	1 3/4	x 7/16					*	*	*	*	*
M	12816	1 7/8	x 1/2					*	*	*	*	*
M	13016	15/16	x 1/2					*	*	*	*	*
M	20016	2	x 1/2					*	*	*	*	*
M	20416	2 1/8	x 1/2					*	*	*	*	*
M	20816	2 1/4	x 1/2					*	*	*	*	*
M	21220	2 3/8	x 5/8					*	*	*	*	*
M	21620	2 1/2	x 5/8					*	*	*	*	*
M	22020	2 5/8	x 5/8					*	*	*	*	*
M	22420	2 3/4	x 5/8					*	*	*	*	*
M	22824	2 7/8	x 3/4					*	*	*	*	*
M	30024	3	x 3/4					*	*	*	*	*
M	30824	3 1/4	x 3/4					*	*	*	*	*
M	31228	3 3/8	x 7/8					*	*	*	*	*
M	31628	3 1/2	x 7/8					*	*	*	*	*
M	32028	3 5/8	x 7/8					*	*	*	*	*
M	32428	3 3/4	x 7/8					*	*	*	*	*
M	32832	3 7/8	x 1					*	*	*	*	*
M	40032	4	x 1					*	*	*	*	*
M	40432	4 1/8	x 1					*	*	*	*	*
M	40832	4 1/4	x 1					*	*	*	*	*
M	41232	4 3/8	x 1					*	*	*	*	*
M	41632	4 1/2	x 1					*	*	*	*	*
M	41640	4 1/2	x 1 1/4					*	*	*	*	*
M	42040	4 5/8	x 1 1/4					*	*	*	*	*
M	42440	4 3/4	x 1 1/4					*	*	*	*	*

Shaded Area: AGMA semi-standard bore key combinations.

Part Number Usage: Magnaloy Coupling Hub part numbers may be specified using the following format: Start with letter "M" designating Magnaloy, followed by 3 digit Model Code (100, 200, etc.), then the specific 5 digit Bore/Key Code.

Example: Model 500 Hub with a 1 /38 bore and 5/16 keyway would be specified as: M50011210 - No bore hubs are designated as "R" code, ie. M500R.

Bore Tolerances

Over	Include	Tolerance
--	1	+0.0008/+0.0003
1	2	+0.0013/+0.0005
2	3	+0.0018/+0.0008
3	4	+0.0020/+0.0010
4	5	+0.0023/+0.0010

Additional Coupling Specifications

Model Number	100	200	300	400	500	600	700	800	900
Maximum Bore	1 1/8	1 3/8	1 5/8	1 7/8	2 3/8	2 5/8	2 7/8	3 7/8	4 3/4
Complete Coupling Approx. Weight (Solid Hub)	3/4	1	2	3	4	7	12	18	38
Number of Drive Lugs	3	3	3	3	4	6	6	6	6
Hub Movement for Insert Removal	.74	.74	.75	.98	1.12	1.02	1.50	1.63	2.27
Basic Insert Number	170	270	370	470	570	670	770	870	970