



Magnaloy Coupling Company

Technical Product Information

Couplings

Clamp Style Coupling Maximum Bore Limitations

To allow clearance between the coupling bore surface and the clamp bolt on Magnaloy Couplings (with the Clamp Option) and between the Steel Bushing keyway on Magnaloy Couplings (with the Steel Bushing Option), the following maximum bore limitations are noted:

<u>Model Size</u>	<i>W/Clamp Option</i>		<i>W/Steel Bushing Option</i>	
	<u>Maximum Smooth Bore Diameter</u>	<u>Maximum Spline Major Diameter</u>	<u>Maximum Smooth Bore Diameter</u>	<u>Maximum Spline Major Diameter</u>
100	1.00	1.00	.625	3.625
200	1.125	1.250	.750	.8125
300	1.500	1.500	.875	.875
400	1.6875	1.750	1.00	1.125
500	2.00	2.00	1.375	1.500
600	2.500	2.5625	1.625	1.750
700	2.875	2.875	1.750	1.875
800	3.875	3.875	2.500	2.5625

Parameters outside of these limitations result in the Clamp Bolt intersecting the coupling bore and interfering with installation on couplings with the Clamp Option or inadequate cross-sectional area between the Steel Bushing keyway and the it's bore which could result in the bushing failure.