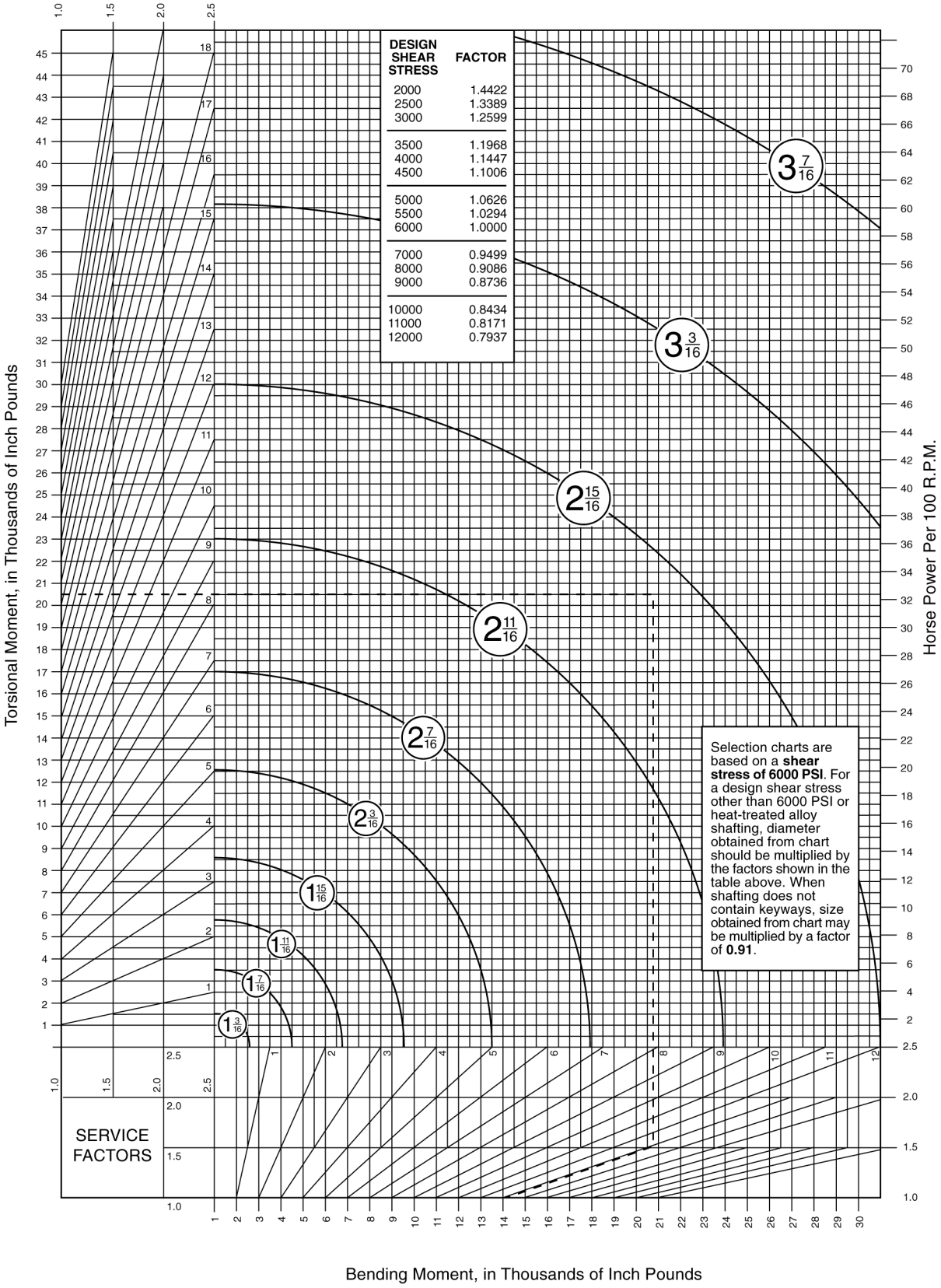
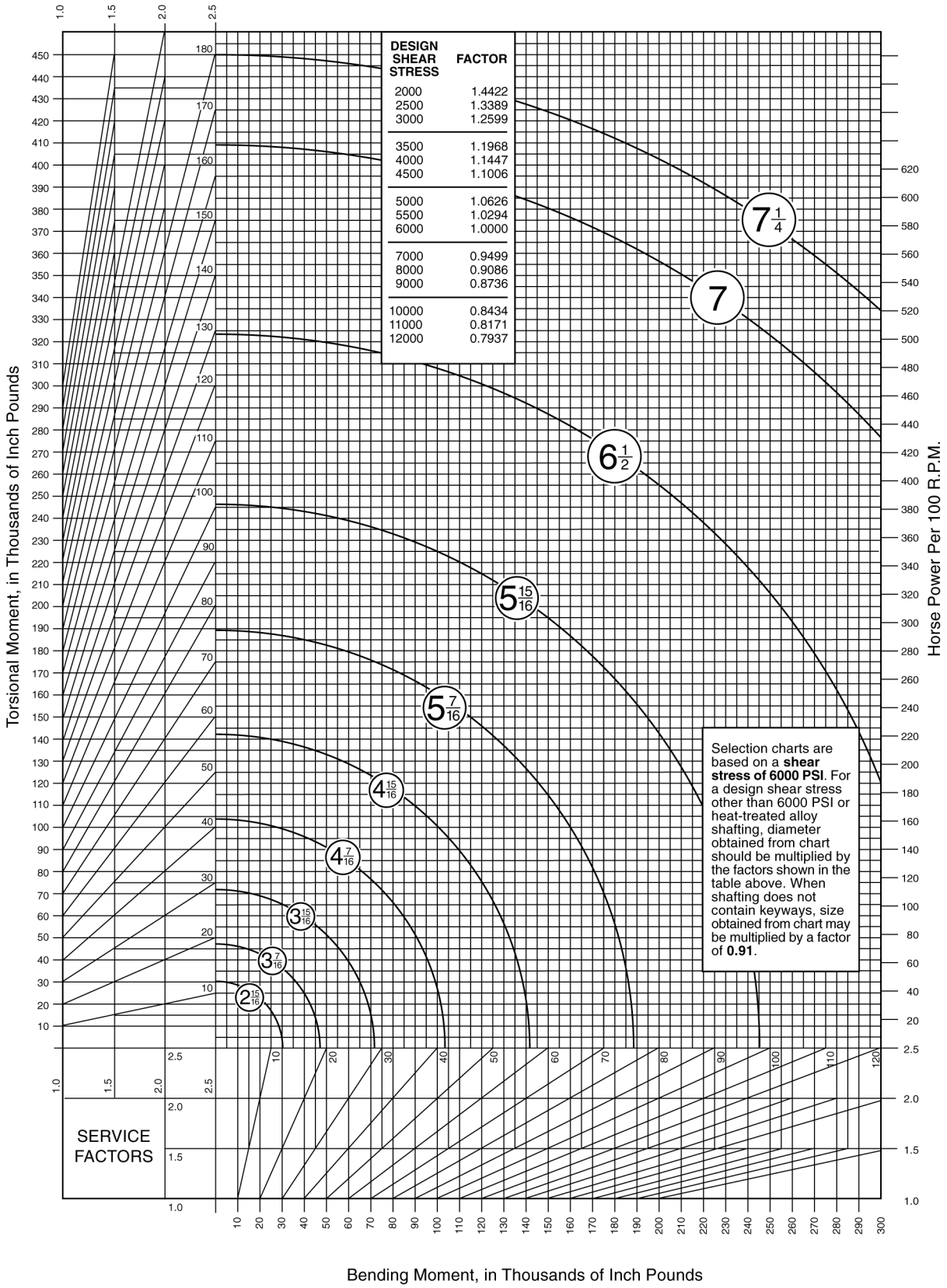
Shaft Tables



DESIGN SHEAR STRESS	FACTOR
2000	1.4422
2500	1.3389
3000	1.2599
3500	1.1968
4000	1.1447
4500	1.1006
5000	1.0626
5500	1.0294
6000	1.0000
7000	0.9499
8000	0.9086
9000	0.8736
10000	0.8434
11000	0.8171
12000	0.7937

APPENDIX



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Selection charts are based on a **shear stress of 6000 PSI**. For a design shear stress other than 6000 PSI or heat-treated alloy shafting, diameter obtained from chart should be multiplied by the factors shown in the table above. When shafting does not contain keyways, size obtained from chart may be multiplied by a factor of **0.91**.