

HIGH TORQUE SERIES

Especially designed for applications subject to higher torque, rapid reversal, or extra high shock loads. Same precision, same durability as you've come to expect in our regular FLEXIMITE Couplings.

As in most things, an optimum design is a compromise — one best suited to the particular application. Recognizing that there are some servo designs that would be best suited with couplings capable of handling higher torque, we have developed and tested the HIGH TORQUE Series to meet that demand.

The only compromise is that of increased radial stiffness. We do not specify a maximum allowable misalignment because it is determined by the amount of radial load the particular design will accommodate, considering speed, torque, and life.



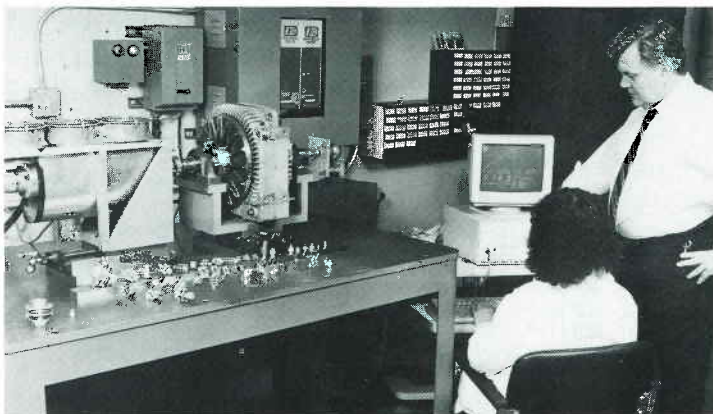
HIGH TORQUE Series Vital Statistics

SIZE	REGULAR FLEXIMITES		HIGH TORQUE FLEXIMITES	
	Max Torque oz.in.	Radial Load oz/.001" Mis.	Max Torque oz.in.	Radial Load oz/.001" Mis.
1	30	0.8	220	1.8
2	60	0.8	380	3.8
3	250	1.8	1040	5.2

NOTE: HIGH TORQUE SERIES AVAILABLE ONLY IN TYPES A & C, SIZES 1, 2, & 3 CLAMP & SET SCREW STYLES.

Static Torque is conservatively rated at one-half Breaking Torque and is recommended as Maximum Working Torque for continuous duty. It may be exceeded only for momentary or starting loads, or with improved shaft alignment. Improper use of set screws on round shafts may reduce torque capacity. If in doubt, specify hubs with keyways or sub-drilled holes for pinning.

TO ORDER: SIMPLY SELECT SIZE FROM PAGE 7 AND ADD HT SUFFIX TO CATALOG NUMBER.



We are especially proud of our new computer-controlled Dynamometer. It provides us and our customers with precise performance data such as max. torque, speed, and life, as well as torsional rigidity, velocity displacement, etc.

R: Brumber, Plant Manager
Supervising a test run on our new
computer controlled Dynamometer.