

Spring Adjustment Charts For Standard Slip Torques

STEEFLEX COUPLINGS 428-422

SERVICE MANUAL PAGE 1

Tapered Grid
Types T41 & T44

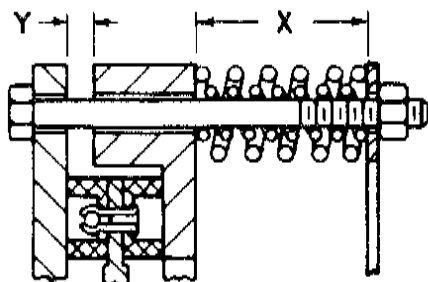
July 1986

SIZES 1100 thru 1130
SIZES 100 thru 130

Subject to change without notice

Supersedes 9-85

DIMENSIONS X and Y



INSTRUCTIONS

The following instructions for Sizes 1100 thru 1130 also apply to Sizes 100 thru 130, respectively. Refer to Service Manual 428-410 for complete installation instructions of Type T41 couplings and Manuals 428-410 & 428-410.1 for Type T44 clutches. Refer to the O.D. of the hub or drive plate for the coupling size. Prepare the controlled torque assembly for operation as follows:

1. Set Distance X for all springs to the value indicated by the triangle (▲) in the applicable chart.
2. Break in the friction segments as instructed in Manual 428-410.
3. Determine Distance X for the required slip torque.
4. Tighten each adjusting nut approximately two turns in sequence until Distance X is reached.
5. Do NOT set Distance X to less than the minimum value indicated by the diamond (◆).

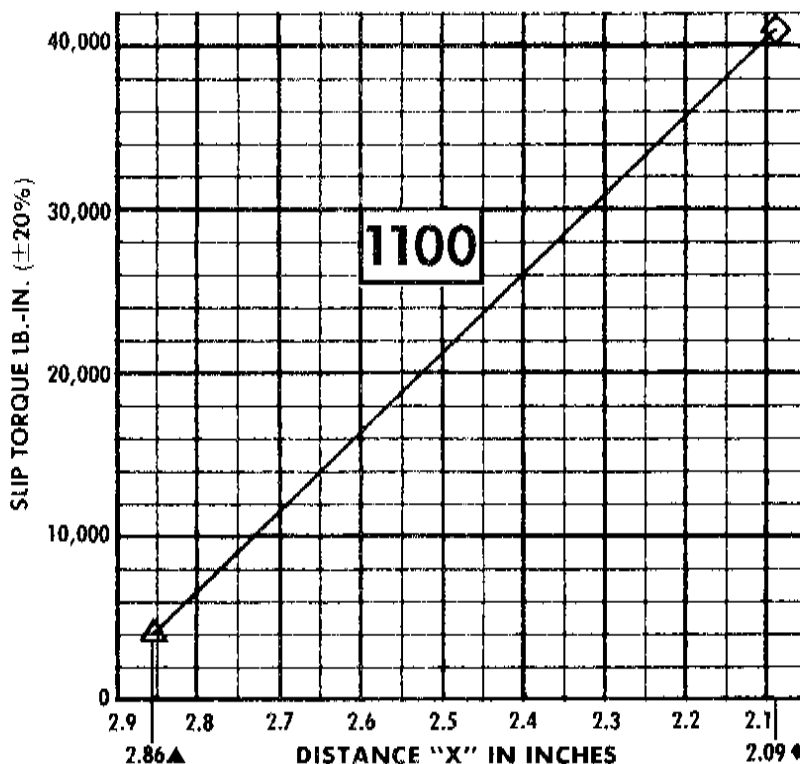
IMPORTANT

Overload slippage causes friction faces to wear and increases Distance X. Readjust, as required, to the original Distance X to maintain the required slip torque. Replace friction segments when Distance Y approaches .050 inches.

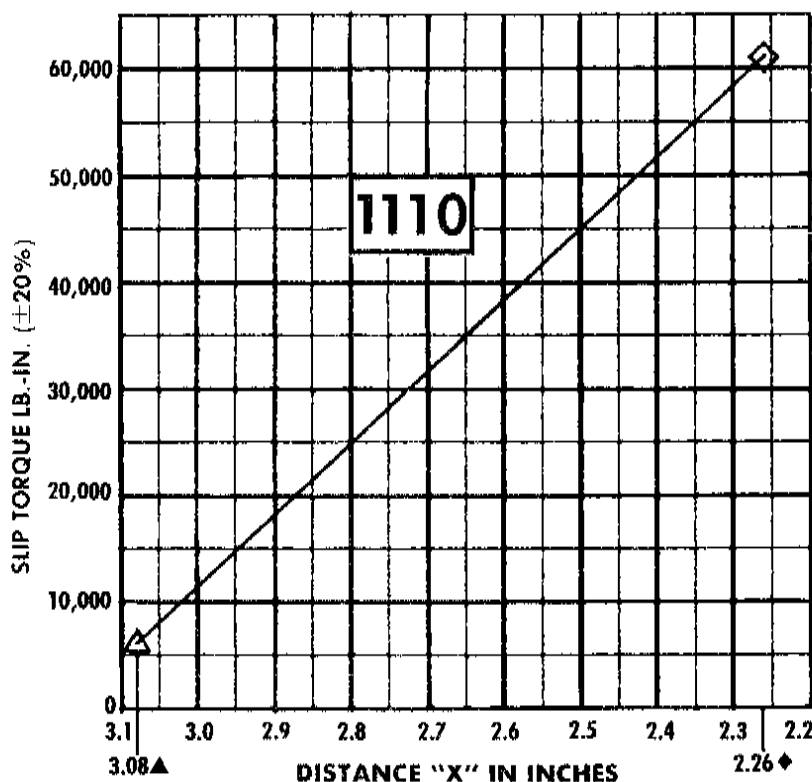
SPRING DATA

COUPLING SIZE	Spring	Part No.	DIMENSIONS INCHES		
			Wire Dia.	Outside Dia.	Free Height
1100	Inner	1178833	.207	1.14	2.94
	Outer	1178828	.312	1.86	2.94
1110	Inner	1178834	.207	1.11	3.17
	Outer	1178829	.312	1.82	3.17

SIZE 1100 Standard Slip Torques



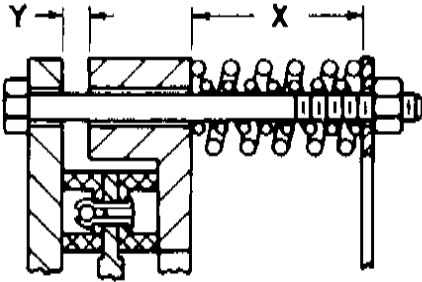
SIZE 1110 Standard Slip Torques



- ▲ Set Distance X to this value for breaking in of friction segments.
- ◆ Do NOT set Distance X to less than this minimum value.

SPRING ADJUSTMENT CHARTS FOR STANDARD SLIP TORQUES

DIMENSIONS X and Y



INSTRUCTIONS

The following instructions for Sizes 1100 thru 1130 also apply to Sizes 100 thru 130, respectively. Refer to Service Manual 428-410 for complete installation instructions of Type T41 couplings and Manuals 428-410 & 428-410.1 for Type T44 clutches. Refer to the O.D. of the hub or drive plate for the coupling size. Prepare the controlled torque assembly for operation as follows:

1. Set Distance X for all springs to the value indicated by the triangle (▲) in the applicable chart.
2. Break in the friction segments as instructed in Manual 428-410.
3. Determine Distance X for the required slip torque.
4. Tighten each adjusting nut approximately two turns in sequence until Distance X is reached.
5. Do NOT set Distance X to less than the minimum value indicated by the diamond (◆).

IMPORTANT

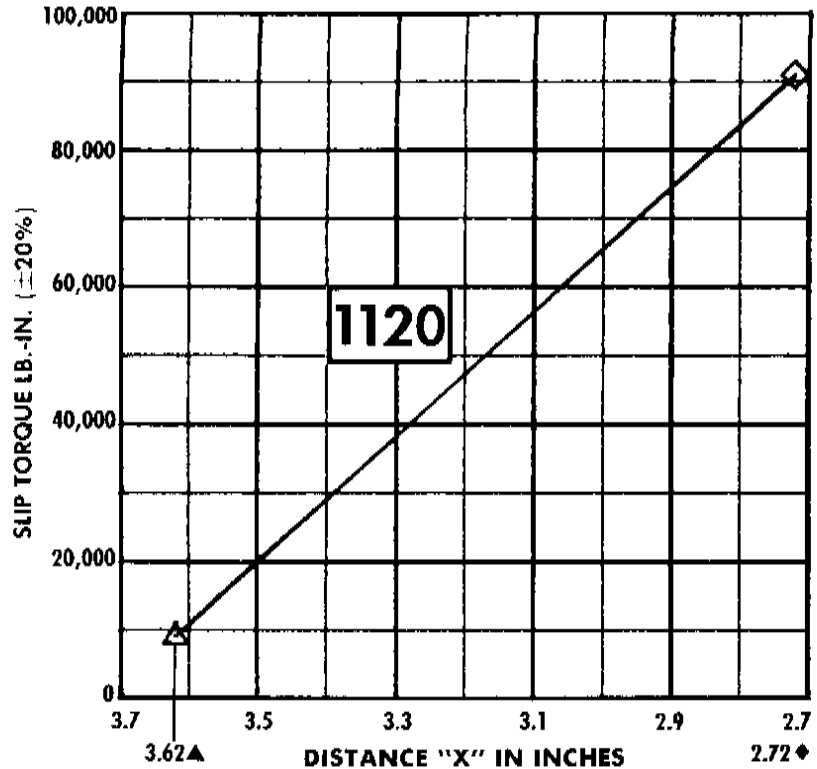
Overload slippage causes friction faces to wear and increases Distance X. Readjust, as required, to the original Distance X to maintain the required slip torque. Replace friction segments when Distance Y approaches .050 inches.

SPRING DATA

COUPLING SIZE	Spring	Part No.	DIMENSIONS - INCHES		
			Wire Dia.	Outside Dia.	Free Height
1120	Inner	1178835	.250	1.33	3.72
	Outer	1178830	.375	2.16	3.72
1130	Inner	1178836	.250	1.33	4.12
	Outer	1178831	.375	2.17	4.12

- ▲ Set Distance X to this value for breaking in of friction segments.
- ◆ Do NOT set Distance X to less than this minimum value.

SIZE 1120 Standard Slip Torques



SIZE 1130 Standard Slip Torques

