

# C-Jaw Couplings

## Installation Instructions

**P-8088-TBW  
Form 1522**

**⚠ WARNING** Lock out / tag out the power source before proceeding to avoid unexpected starts. Failure to observe these precautions could result in bodily injury.

**⚠ WARNING: Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

C-Jaw couplings consist of two hubs and one cushion set. To install the coupling:

1. Determine the size of components being used and check the maximum RPM value in Table 1 against operating speed.
2. Inspect all coupling components and remove any protective coatings or lubricants from bores, mating surfaces and fasteners. Remove any existing burrs, etc. from the shafts.
3. Slide one coupling hub onto each shaft, using the shaft keys where required.
4. Position the hubs on the shaft and insert the cushions into one of the hubs. Slide the other hub into the cushions so that a close fit is achieved. It is usually best to have the shaft extend completely through the solid portion of the hub, and the center of the cushions should be in the center of the gap between shaft ends. Once proper positioning of the two hubs and cushions is achieved, securely tighten the hub setscrews.
5. Check parallel alignment by placing a straight-edge across the two coupling hubs and measuring the maximum offset at various points around the periphery of the coupling without rotating the coupling. If the maximum offset exceeds 0.015", realign the shafts.
6. Check angular alignment with a micrometer or caliper. Measure from the outside of one hub to the outside of the other at intervals around the periphery of the coupling. Determine maximum and minimum dimensions without rotating the coupling. The difference between the maximum and minimum must not exceed the figure given under "Angular" in the table. If a correction is necessary, be sure to recheck the parallel alignment.

**Table 1**

SIZE	OD	Max RPM	ANGULAR
C226	5.15	4800	0.090
C276	6.18	4200	0.108
C280	7.50	3500	0.131
C285	8.50	3200	0.148
C295	9.12	2300	0.159
C2955	9.12	2300	0.159

Parallel = .015"



[www.tbwoods.com](http://www.tbwoods.com)

440 North Fifth Avenue  
Chambersburg, PA 17201 - USA  
888-829-6637 • 717-264-7161