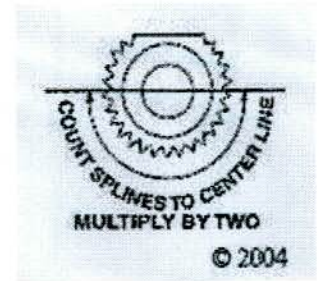


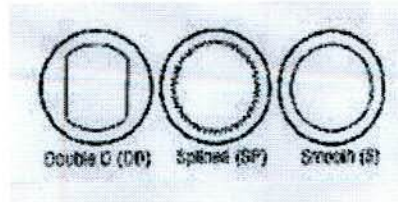
joint yoke - too short could sacrifice strength and too long will cause the shaft to interfere with the operation of the U-joint.

To determine the spline size of a component (rack and pinion, steering column and steering box), measure the outside diameter and count the number of splines. If there is a flat spot on the shaft and some of the splines are missing, count halfway around where there are splines and double that number. We need to know how many teeth are in a theoretical full circle.



Available U-joint Combinations are:

- A) Smooth Bore on both ends
- B) Smooth Bore and Spline or Double D



- C) Spline and/or: Double D on each end.

Common Fitting Sizes

Because there is no clear rule of thumb, we list below some of the more common power steering fitting sizes. There are many others not listed and if you have questions about them, please call.

| | Pressure | Return |
|-----------------------------------|------------------------------------|---------------------------------|
| GM Metric Pump | 16mm (M16-1.5) O-ring | Push / Clamp |
| GM SAE | 3/8 tube size (5/8-18 inv. fl.) | Push/Clamp |
| GM R&P | 18mm (M18-1.5) O-ring | 16mm (M16-1.5) O-ring |
| GM Metric Gear | 18mm (M18-1.5) O-ring | 16mm (M16-1.5) O-ring |
| GM SAE Gear | 7/16 tube size (11/16-18 inv. fl.) | 3/8 tube size (5/8-18 inv. fl.) |
| Ford Must II R&P 1974 thru 7-5-77 | 5/16 tube size (1/2-20 inv. fl.) | 3/8 tube size (5/8-18 inv. fl.) |
| Ford Must II R&P 7-6-77 thru 1978 | 5/16 tube size (1/2-20 inv. fl.) | 3/8 tube size (5/8-18) O-ring |
| Ford T -Bird thru 1988 | 5/16 tube size (9/16-18 inv. fl.) | 3/8 tube size (5/8-18) O-ring |

Although we encourage the CPP customer to use inverted flare fittings, there are other methods of sealing off hose any case, avoid the use of pipe or thread dope or Teflon tape. These products can get into the hydraulic system and do substantial damage.

Torque settings:

Inverted flare fittings should be torqued to 25-24 foot pounds

A-ring beaded hoses should be torqued to 20 foot pounds

Teflon ringed hoses should be torqued to 14-20 foot