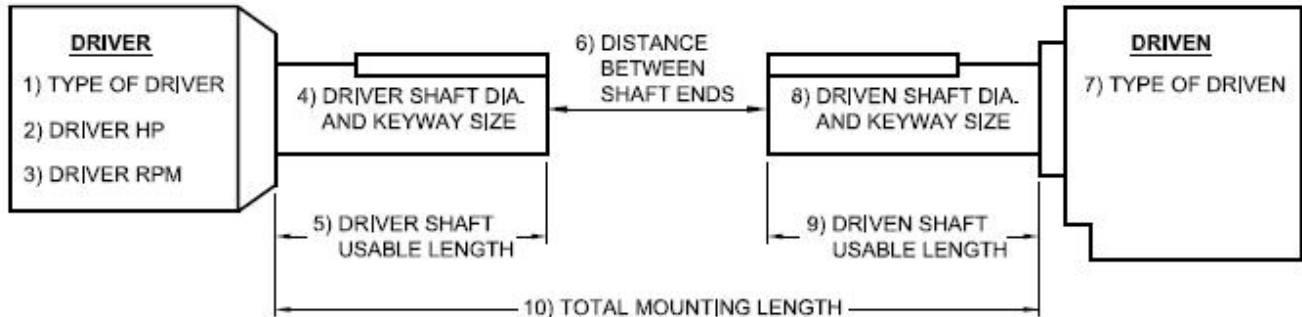




## Jaw Coupling Selection Worksheet

Customer Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email Address: \_\_\_\_\_



1. Type of Driver (Electric Motor, Combustion Engine, Gearbox, etc.) : \_\_\_\_\_

For combustion engines (not diesel), define type

Gasoline, Natural Gas, etc. : \_\_\_\_\_ Number of cylinders \_\_\_\_\_

2. Driver Horse Power : \_\_\_\_\_ 3. Driver or Gearbox ( coupling speed) output RPM : \_\_\_\_\_

Retrieve the application Service Factor from Page JW-8 : \_\_\_\_\_ then calculate the Selection Torque using the following formula:

$$\text{Torque (in-lbs)} = \frac{\text{HP} \times 63025}{\text{RPM}} \times \text{Service Factor} = \text{Selection Torque} = \text{_____ in-lbs}$$

4. Driver Shaft Diameter : \_\_\_\_\_ Keyway size : KW Height \_\_\_\_\_ KW Width \_\_\_\_\_

Specify Inch or Metric bore, keyway or no keyway, and set screw or no set screw

If Spline: ANSI B92.1A Specify \_\_\_\_\_ Teeth, \_\_\_\_\_ / \_\_\_\_\_ Diametral Pitch,

\_\_\_\_\_ Pressure Angle, \_\_\_\_\_ Major Diameter, and

Type of fit ( Parallel Side, Flat Root Side, etc)

DIN Standard (5480) x \_\_\_\_\_ Major Diameter x \_\_\_\_\_ Module Number x \_\_\_\_\_ Teeth

If Taper Bore: Specify Taper standard and/or supply a drawing of the taper.

If Hex or Square: Specify with across the flat sides \_\_\_\_\_ (inch or metric)

5. Driver Usable Shaft Length : \_\_\_\_\_ (Measure from the end of the shaft to any obstruction)

6. Distance between shaft ends (BSE) : \_\_\_\_\_ (Compare with 'GAP' value on page JW-24)

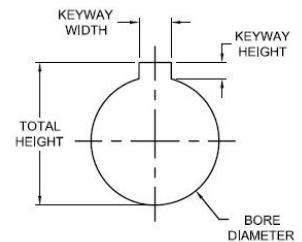
7. Type of Driven Equipment : \_\_\_\_\_

8. Driven Shaft Diameter : \_\_\_\_\_ Keyway size : KW Height \_\_\_\_\_ KW Width \_\_\_\_\_

Specify spline, taper, or hex/square as detailed in item 4.

9. Driven Usable Shaft Length : \_\_\_\_\_ (Measure from the end of the shaft to any obstruction)

10. Total Mounting Length : \_\_\_\_\_ (Advise of any obstructions, walls, beams, guards, pipes, etc.)



For additional bore and keyway information, see the Engineering Data Section of the Power Transmission Products Catalog