

Company _____ Contact _____ Title _____

 Phone _____ Fax: _____ E-mail _____

 Address _____ City _____ State _____ Zip _____

Please complete as much information as you can. We want to thoroughly understand your application and develop a cost effective solution that fits your needs and budget!

OPERATING CONDITIONS

Torque Requirement Normal: _____ ft-lbs Maximum: _____ ft-lbs

 Bending moments? _____ lbs Description _____

 Radial loads? _____ lbs Description _____

 Axial load? _____ lbs Description _____

 Shock loads: None Light Moderate Severe Frequency _____

 - Description _____

 Intermittent Thrust? _____ lbs Description _____

 Reversing load: Yes No. Duty cycle: constant intermittent

 Revolutions Per Minute: _____ min RPM _____ Maximum RPM

 Motor Rating: _____ HP Voltage: AC or DC If applies Gearbox Ratio _____

ENVIRONMENT

Ambient Temperature \bar{F} : _____ Minimum _____ Maximum _____ Average _____

 Corrosion: Is Is not a consideration. Acids Caustics Other _____

APPLICATION CONFIGURATION

Shaft: Diameter _____ inch/mm Material _____ Yield point _____

 Mating Part (hub, gear, coupling etc): Inside diameter _____ Outside diameter _____

 Length through Bore _____ Material _____ Yield point _____

APPLICATION and/or COMPONENT HISTORY:

New Application Production Maintenance Prototype other _____

 Recent failure: _____

 Replacement of: _____

 Estimated Yearly Usage, Minium _____ Maximum _____ Target price \$ _____ (if available)

Power Transmission Engineering, Inc.

630.628.9799 Fax 630.628.9794

e-mail: info@PTEcoupling.com

Application Selection and Design Worksheet

Name _____ Company _____

Phone () _____ ext _____ Fax () _____ e-mail _____

Address _____ City _____ State _____ Zip _____

SQUEEZE COUPLING

EXPANDING BUSHING

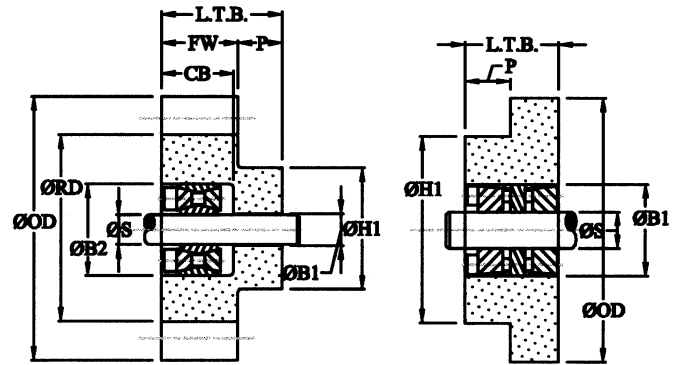
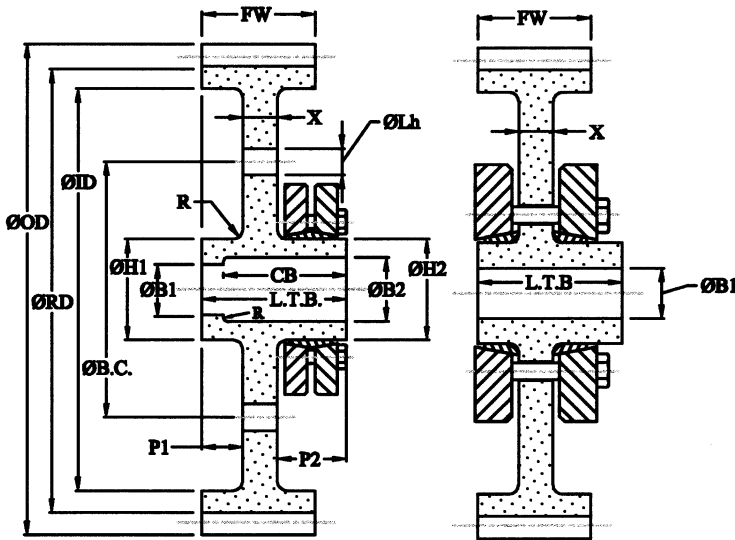


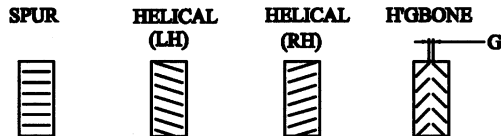
Fig. 48 STC20

Fig. 49 SSTC20

Fig. 50 ETB24

Fig. 51 ETB25

- 1.) Mark all weld locations, diameters and weld bead radius.
- 2.) Mark location of puller holes.
- 3.) Specify hub material. _____
- 4.) Specify shaft material. _____
- 5.) For gear applications, specify gear tooth style: _____



Application Data (Fill in all that apply, in inches)

P.D. = Diametral Pitch	_____
O.D. = Outside Diameter	_____
R.D. = Root Diameter	_____
L.D. = Rim Inside Diameter	_____
F.W. = Face Width	_____
N = Number of Gear Teeth	_____
H.A. = Helix Angle	_____
G = Tooth Gap (Herringbone)	_____
B = Existing Bore (bores)	1 _____ 2 _____
H = Hub Diameter (both sides)	1 _____ 2 _____
P = Hub Extension (both sides)	1 _____ 2 _____
Lh = Lightning Hole Diameter	_____
B.C. = Bolt Circle of L.h.	_____
NLh = Number of lighen Holes	_____
CB = Counter Bore	_____
L.T.B. = Length Through Bore	_____
S = Shaft Diameter	_____
T = Maximum Torque Required	_____

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Providing Engineered Solutions to Your Power Transmission Requirements