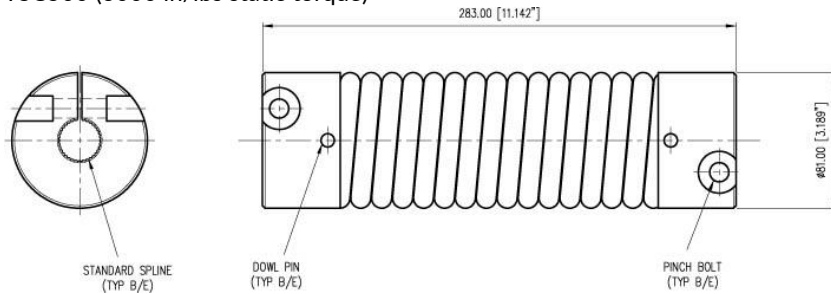




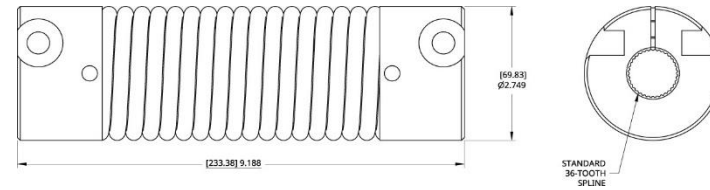
# Power transmission coupling comparison chart

Coupling Type	Twin Spring Coupling	Beam	Jaw	Bellows	Universal Joint	Spring	Elastomeric
Speed	High/Low	High	High	High	Low	Low	High/Low
Torque	High	Low	High	Low	High	Low	Low
Torsional rigidity	Yes	Yes	Yes	Yes	No	No	No
Angle of misalignment	High/Low (Max 45°) *	Low (4°)	Low (1/2-1°)	Low (1.5°)	High/Low (25-45°)	Low (4°)	Low (4°)
Multi directional	Yes	No	Yes	No	Yes	No	Yes
Internal Components	No	No	Yes	No	Yes	No	Yes
Backlash	Minimal	No	No	No	Yes	Yes	Yes
Max Torque	6000in/lbs.	100in/lbs.	5540 in/lbs.	200in/lbs.	10000 in/lbs.	150in/lbs.	3000in/lbs.
Max RPM	7000	7000	3450	8000	5000	6000	6000
Spline sizes	1/4" - 2 1/4"	0.09 - 0.75"	1" - 2.5"	1/4" - 2 3/4"	1/4" - 1 1/4"	1/4" - 3/4"	3/4" - 3"

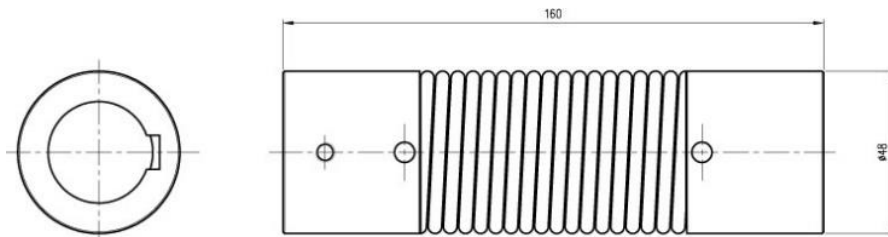
TSC500 (6000 in/lbs static torque)



TSC300 (3600 in/lbs static torque)



TSC150 (1800 in/lbs static torque)



Outer Spring Set



Inner Spring Set



Central Ball bearing



## Replaces

**Ruland** – UJ-HD1250, UJ-HS1125, UJ-HD1000-1125, UJ-HS875, UJ- HD875, UJ-HS 750, USC32-16-16-F, USKC32-16-16-F, JC jaw, MJC jaw couplings.

**Guardian Couplings** – Curved jaw 28/38 Green, Red, Blue, 38/45 Red, 42/55 White, 48/60 White, Guardex M-80, Guardex I-65, Guardex M-65, Guardex I-45 Guardex M-48, Guardex I-32, LJW L100, LJW L110, LJW L150, LJW L190, LJW L225.

**TB Woods** – Dura-Flex WE10, WE20, WE30 WE40, L100, L110, L150, AL150, SS150, L190, L225, L276, G Flex Biddy coupling 1000T10, 1000T20 Sure-Flex Size 6-10.

**Lovejoy** – L100, AL100, LC-100, L110, AL110, LC110, L150, AL150, LC150, L190, AL190, LC190, L225, AL225, LC225, D-5B, D-6B, D-7B, D-8B, NB-8B, NB-10B, DD-7B, LOJ-10B, C226, C276 (SOX), CJ 55/70 - 65/75 (92A) 42/55 - 48/60, 55/70 (98/95A), 42/55 - 48/60 (64D), Uniflex U-100R, Uniflex U-150R, Saga S-13, S-15, S-18, S-Flex 6 -12, DeltaFlex 40/40HT, DeltaFlex 50, DeltaFlex 50HT/60, Grid 1020, 1030, 1040.

**Belden** – UJ-HD2000, UJ-HD2500, UJ-HS1750, UJ-HS2000, UJ-NB2000x1000, SS-UJ-NB2000x1000, UJ-HD1500, UJ-HS1500, UJ-HD1750, UJ-NB1500x750, SS-UJ-NB1500x750, - UJ-HD1250, UJ-HS1000, UJ-HS1250, UJ-NB1000x500

**Curtis** - CJ648B, CJ646B, CJ647B, CJ644, CJ645.

**Dodge - Grid-Lign** 1020T10, 1020T20, 1030T10, 1030T20, 1040T10, 1040T20.

**Kop Flex** – Kop Grid 1020H, 1020V, 1030H, 1030V, 1040H, 1040V.

**KTR** - Rotex AL-H 28, 38, 42, 48 (42-92A) 48-92A, GJL 38, 42, 48, 55, 65 (48 92-98, 55 92-98) (65 -92A).

**SKF** – FRC70 - FRC110, SKF Flex 70 -100, UJMA40, UJMB32, UJMA32, UJMA25, UJ338, UJ861, N1000, L600, UJ811, UJ812, UJ880, UJ340, UJ514G, UJ1501, UJ840, UJ838, UJ995, UJ507, UJ880, 1200, 1800, UJ341AG, UJ813, UJ964, UJ934, 2200, UJ344AG, UJ814, UJ815, PHE L100, PHE L110, PHE L150, PHE L190, PHE L225, PHE1020TGH, PHE1030TGH, PHE1040TGH.

**Boston Gear** – FC30 XFCBB Bronze, FC38 XFCA Poly, FC45 Rubber XFCR, XFCA Poly, UJ-J175B, JS250B, JS300B, UJAS 16-16, UJNL 20-20, J200B, UJNL 24-24, FC25 XFCBB, FC30 XFCA Poly, FC38 Rubber XFCR, J150B, JS175B, JS200B, UJAS 12-12, UJNL 16-16.

**Rexnord** - Omega E/ES10, E/ES15, E/ES20, E/ES30, E/ES40, Omega HDY5, HDY10, HDY15, HDY20, HDY30, Viva V/V5130, V/V5150, V/V5190, V/V5215,

**Falk Wrapflex** 10R, 20R, 30R, Steelflex 1020T10, 1020T20, 1030T10, 1030T20, 1040T10, 1040T20.

**SIT** - GU5P- GU7P, GU5E-GU7E, GU5H-GU7H, Trasco ES 75 red and green, Trasco ES 55 red and green, 65 yellow, 65 red and green.

**Martin** - Quadra Flex Size 8, 9 ,10, 11 TPR, Size 6, 7, 8 Hytrel, ML100, ML110, ML150, ML190, ML225, MS100, MS110, MS150, MS190, MS225.

**Spicer** - 5-264X, 5-443X, 5-3214X, 5-110X, 5-3215X, 5-3235X, 5-103X, 5-3233X, 5-554X, 5-110X, 5-3232X, 5-129X, 1240, 5-170X, 5-736X, 5-101X, 5-554X, 5-105X, 5-248X, 5-92X, 5-242X, 24-92X.

**Neapco** - 1-0170, 1-0675, 1200, 1-1875, 1-1475, 1-1275, 1-2075, N1000, 1800, 2200, L600, 1-0221, 1-0005, 1-0616, 1-1001, 2-2421, 1-0475, 1-0443, 1-0121, 2-0456, 1-0300, 2000, 1-0105, 1-0171.

**Moog** - 338, 838, 237, 344, 340, 240, 880, 341, 437, 882, 437G, 814, 1300, 514G, 436, 466, 995.

**Rockwell** - CP101X, 1FR, CP456X, L14N, L12N, CP248X

**Weasler** - 200-0600, 200-0100, 200-8261, 200-8474, 200-1000, 200-8370, 200-1400, 14 series, L6W, 200-1200, 14R, 200-7155, 12RW, 200-1875, 200-6154, 6 Series, 1000 Series, 7 Series, 200-7155, 12 series, 200-7676, 507-9518, 15160616, 3200-8204, 200-6580, 3010-6606-00, 3009-7606-00, 3009-6406-00, AW21 series, AB4 Series, 107-20872, AW19 series, 3009-7106-00, AW10 Series, 212-26155, 15161016, 107-20561, 107-20872, 3200-8202, 3010-7606-00, 3009-206-00, 3002-7306-00, AW20 series, AB2 Series, AW11 Series, AB3 Series, 222-26141, 15161216