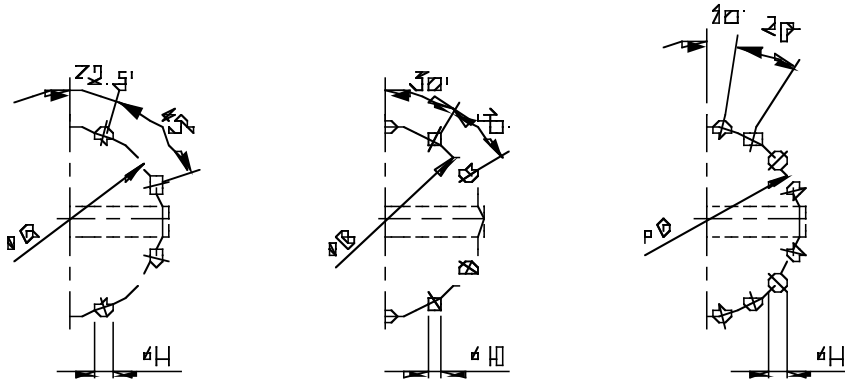
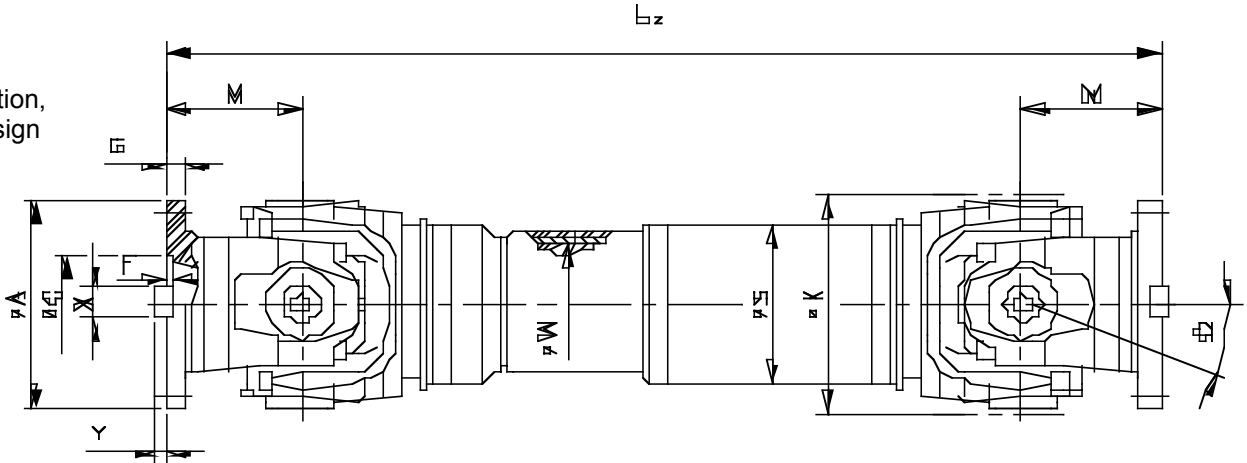




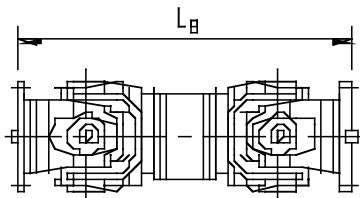
**TS**

with length compensation, tubular design



**T**

without length compensation, tubular design

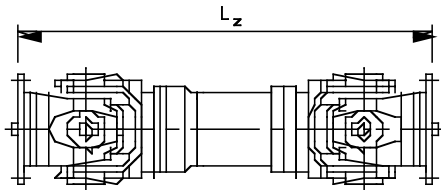


**SC1**

**SC2**

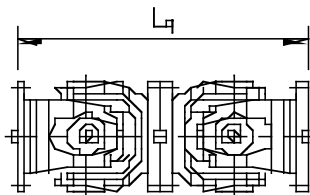
**SC3**

with length compensation, short design



**FF**

without length compensation, double flange shaft design





**HIGH TORQUE SERIES:**

<b>MSI SERIES</b>	<b>250225</b>	<b>255250</b>	<b>260285</b>	<b>265315</b>	<b>270350</b>	<b>275390</b>	<b>280435</b>	<b>285480</b>	<b>290550</b>
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**Capacity:**

T <sub>FL</sub>	Nm	70000	105000	150000	215000	295000	390000	580000	750000	1150000
T <sub>K</sub>	Nm	54000	80000	117000	165000	225000	300000	450000	600000	900000
T <sub>FT</sub>	Nm	23000	36000	53000	75000	102000	140000	220000	285000	435000
T <sub>C100</sub>	Nm	17000	24300	34700	49000	65500	86000	131000	167000	254000
T <sub>C1000</sub>	Nm	8500	12150	17350	24500	32750	43000	65500	83500	127000

T<sub>FL</sub> = Functional Limit Torque; T<sub>K</sub> = Catalog Torque; T<sub>FT</sub> = Fatigue Torque (reversing applications)

T<sub>C100</sub> = Continuous Torque at 100 RPM, 3 deg and 20,000 hours B-10 Bearing Life

T<sub>C1000</sub> = Continuous Torque at 1000 RPM, 3 deg and 20,000 hours B-10 Bearing Life

**Dimensions:**

<b>Flange</b>	<b>A</b>	<b>mm</b>	<b>225</b>	<b>250</b>	<b>285</b>	<b>315</b>	<b>350</b>	<b>390</b>	<b>435</b>	<b>480</b>	<b>550</b>
Angle	□	deg	15	15	15	15	15	10	10	10	10
Swing	K	mm	225	250	285	315	350	390	435	480	550
BC	B	mm	196	218	245	280	310	345	385	425	492
Pilot	C	mm	105	105	125	130	155	170	190	205	250
Depth	F	mm	4.5	5	6	7	7	8	10	12	12
Thickness	G	mm	20	25	27	32	35	40	42	47	50
Boltholes	H	mm	17	19	21	23	23	25	28	31	31
# of bolts	I	mm	8	8	8	10	10	10	16	16	16
End to cl	M	mm	145	165	180	205	225	205	235	265	290
Key width	X	mm	32	40	40	40	50	70	80	90	100
Key height	Y	mm	9	12.5	15	15	16	18	20	22.5	22.5
Tubing	S	Inc h	6.750 x 500	8.750 x 500	8.750 x 750	10.750 x 500	10.750 x 750	10.750 x 1.500	12.750 x 1.500	14.375 x 2.000	16.000 x 2.000
Spline	W	mm	115 x 2.5	150 x 3	150 x 3	185 x 5	185 x 5	185 x 5	210 x 5	210 x 5	240 x 5

**Length Variations [mm]:**

<b>Design \ Series</b>	<b>250225</b>	<b>255250</b>	<b>260285</b>	<b>265315</b>	<b>270350</b>	<b>275390</b>	<b>280435</b>	<b>285480</b>	<b>290550</b>	
<b>TS</b>	Min. Length L <sub>z</sub>	890	1010	1090	1240	1310	1640	1795	2010	2185
	Slip	100	135	135	170	170	170	170	190	210
<b>T</b>	Fixed Length L <sub>f</sub>	660	740	820	920	990	1090	1210	1340	1490
<b>SC</b>	Length L <sub>z</sub>	863	983	1063	1205	1275	1420	1535	1780	1940
<b>1</b>	Slip	100	135	135	170	170	170	170	190	210
<b>SC</b>	Length L <sub>z</sub>	830	920	1000	1130	1200	1300	1400	1630	1770
<b>2</b>	Slip	70	75	75	95	95	90	90	100	100
<b>SC</b>	Length L <sub>z</sub>	770	865	945	1060	1130	1200	1300	1520	1680
<b>3</b>	Slip	65	75	75	85	85	70	70	80	80
<b>FF</b>	Length L <sub>f</sub>	580	660	720	820	900	820	940	1060	1160

Please verify all drive shaft selections with MSI engineering.

**Longer Slip and High Angle** versions are available.

Above listed are standard metric flange patterns. **Special Flange Patterns** are available upon request.

Weights, torsional stiffness and inertia information can be supplied.

Please consult **MSI engineering**.