

Torque Ratings and Misalignment Tolerances

Table 7. QUICK FLEX Coupling Torque Ratings with Split Covers (Imperial)

Coupling Series	Insert Part No.	Insert Color	Continuous Torque in-lbs	HP Ratings @ Various RPM (Service Factor = 1)									
				50	100	300	600	900	1200	1750	2400	3600	5000
QF15	QF15INSERT	Red	1324	1.1	2.1	6.3	12.6	18.9	25.2	36.8	50.4	75.6	105.0
	QF15HINSERT	White	2594	2.1	4.1	12.3	24.7	37.0	49.4	72.0	98.8	148.2	205.8
	QF15BINSERT	Blue	2594	2.1	4.1	12.3	24.7	37.0	49.4	72.0	98.8	148.2	205.8
	QF15TINSERT	Black	4001	3.2	6.3	19.0	38.1	57.1	76.2	111.1	152.4	228.5	317.4
QF25	QF25INSERT	Red	4283	3.4	6.8	20.4	40.8	61.2	81.5	118.9	163.1	244.6	339.8
	QF25HINSERT	White	8077	6.4	12.8	38.4	76.9	115.3	153.8	224.3	307.6	461.4	640.8
	QF25BINSERT	Blue	8077	6.4	12.8	38.4	76.9	115.3	153.8	224.3	307.6	461.4	640.8
	QF25TINSERT	Black	12449	9.9	19.8	59.3	118.5	177.8	237.0	345.7	474.1	711.1	987.6
QF50	QF50INSERT	Red	8833	7.0	14.0	42.0	84.1	126.1	168.2	245.3	336.4	504.5	700.8
	QF50HINSERT	White	17502	13.9	27.8	83.3	166.6	249.9	333.2	486.0	666.5	999.7	1388.5
	QF50BINSERT	Blue	17502	13.9	27.8	83.3	166.6	249.9	333.2	486.0	666.5	999.7	1388.5
	QF50TINSERT	Black	26479	21.0	42.0	126.0	252.1	378.1	504.2	735.2	1008.3	1512.5	2100.7
QF100	QF100INSERT	Red	17723	14.1	28.1	84.4	168.7	253.1	337.4	492.1	674.9	1012.3	1406.0
	QF100HINSERT	White	35144	27.9	55.8	167.3	334.6	501.9	669.1	975.8	1338.3	2007.4	2788.1
	QF100BINSERT	Blue	35144	27.9	55.8	167.3	334.6	501.9	669.1	975.8	1338.3	2007.4	2788.1
	QF100TINSERT	Black	53642	42.6	85.1	255.3	510.7	766.0	1021.3	1489.5	2042.7	3064.0	4255.6
QF175	QF175INSERT	Red	30753	24.4	48.8	146.4	292.8	439.2	585.5	853.9	1171.1	1756.6	2439.7
	QF175HINSERT	White	58903	46.7	93.5	280.4	560.8	841.1	1121.5	1635.5	2243.0	3364.6	4673.0
	QF175BINSERT	Blue	58903	46.7	93.5	280.4	560.8	841.1	1121.5	1635.5	2243.0	3364.6	4673.0
	QF175TINSERT	Black	88257	70.0	140.0	420.1	840.2	1260.3	1680.4	2450.6	3360.8	5041.3	7001.7
QF250	QF250INSERT	Red	38864	30.8	61.7	185.0	370.0	555.0	740.0	1079.1	1479.9	2219.9	3083.2
	QF250HINSERT	White	77158	61.2	122.4	367.3	734.5	1101.8	1469.1	2142.4	2938.2	4407.3	6121.2
	QF250BINSERT	Blue	77158	61.2	122.4	367.3	734.5	1101.8	1469.1	2142.4	2938.2	4407.3	6121.2
	QF250TINSERT	Black	118930	94.4	188.7	566.1	1132.2	1698.3	2264.4	3302.3	4528.9	6793.3	9435.1
QF500	QF500INSERT	Red	75114	59.6	119.2	357.5	715.1	1072.6	1430.2	2085.7	2860.4	4290.5	5959.1
	QF500HINSERT	White	144372	114.5	229.1	687.2	1374.4	2061.6	2748.9	4008.7	5497.7	8246.6	11453.6
	QF500BINSERT	Blue	144372	114.5	229.1	687.2	1374.4	2061.6	2748.9	4008.7	5497.7	8246.6	11453.6
	QF500TINSERT	Black	219429	174.1	348.2	1044.5	2089.0	3133.5	4177.9	6092.8	8355.9	12533.8	17408.1
QF1000	QF1000INSERT	Red	106208	84.3	168.5	505.6	1011.1	1516.7	2022.2	2949.1	4044.4	6066.6	–
	QF1000HINSERT	White	203746	161.6	323.3	969.8	1939.7	2909.5	3879.3	5657.4	7758.7	11638.0	–
	QF1000BINSERT	Blue	203746	161.6	323.3	969.8	1939.7	2909.5	3879.3	5657.4	7758.7	11638.0	–
	QF1000TINSERT	Black	310466	246.3	492.6	1477.8	2955.6	4433.5	5911.3	8620.6	11822.6	17733.9	–
QF1890	QF1890INSERT	Red	175840	139.5	279.0	837.0	1674.0	2511.0	3348.0	4882.5	–	–	–
	QF1890HINSERT	White	344594	273.4	546.8	1640.3	3280.5	4920.8	6561.1	9568.3	–	–	–
	QF1890BINSERT	Blue	344594	273.4	546.8	1640.3	3280.5	4920.8	6561.1	9568.3	–	–	–
	QF1890TINSERT	Black	553982	439.5	879.0	2637.0	5273.9	7910.9	10547.9	15382.3	–	–	–
QF3150	QF3150INSERT	Red	300387	238.3	476.6	1429.8	2859.7	4289.5	5719.4	8340.8	–	–	–
	QF3150HINSERT	White	566434	449.4	898.7	2696.2	5392.5	8088.7	10784.9	15728.0	–	–	–
	QF3150BINSERT	Blue	566434	449.4	898.7	2696.2	5392.5	8088.7	10784.9	15728.0	–	–	–
	QF3150TINSERT	Black	871139	691.1	1382.2	4146.6	8293.3	12439.9	16586.5	24188.7	–	–	–
QF10260	QF10260INSERT	Red	600494	476.4	952.8	2858.4	5716.7	8575.1	11433.4	16673.8	–	–	–
	QF10260HINSERT	White	1131179	897.4	1794.8	5384.4	10768.9	16153.3	21537.7	31409.2	–	–	–
	QF10260BINSERT	Blue	1131179	897.4	1794.8	5384.4	10768.9	16153.3	21537.7	31409.2	–	–	–
	QF10260TINSERT	Black	1670826	1325.5	2651.1	7953.2	15906.3	23859.5	31812.6	46393.4	–	–	–

Note: ■ QUICK FLEX flexible couplings can sustain momentary peak torque loads up to 200 percent of their continuous torque rating.