



### Military Standard Light Universal Joints

Part No.	Nominal Size	D [+0.00] -0.05]	+0.000 -0.002 [- in [mm]	L1	L3	B [+0.10] -0.03]	+0.004 -0.001 [- in [mm]	L4	Weight Maximum lb [kg]
				Overall Length [mm]	+0.031 [+0.79] -0.000 [-0.00] in [mm]			Inspection Hole Location in [mm]	
MS20271B6	3/8"	0.372 [ 9.45]		2.000 [ 50.80]	0.500 [12.70]	0.250 [ 6.35]		0.437 [11.10]	0.07 [0.03]
MS20271B8	1/2"	0.495 [12.57]		2.312 [ 58.72]	0.625 [15.88]	0.375 [ 9.53]		0.562 [14.27]	0.09 [0.04]
MS20271B10	5/8"	0.620 [15.75]		2.750 [ 69.85]	0.750 [19.05]	0.500 [12.70]		0.687 [17.45]	0.18 [0.08]
MS20271B12	3/4"	0.745 [18.93]		3.187 [ 80.95]	0.875 [22.23]	0.625 [15.88]		0.812 [20.62]	0.24 [0.11]
MS20271B14	7/8"	0.870 [22.10]		3.625 [ 92.08]	1.000 [25.40]	0.750 [19.05]		0.937 [23.80]	0.35 [0.16]
MS20271B16	1"	0.995 [25.27]		4.062 [103.17]	1.125 [28.58]	0.812 [20.62]		1.062 [26.97]	0.55 [0.25]
MS20271B20	1-1/4"	1.245 [31.62]		4.625 [117.46]	1.187 [30.15]	1.062 [26.97]		1.125 [28.58]	0.90 [0.41]
MS20271B24	1-1/2"	1.495 [37.97]		5.250 [133.35]	1.321 [33.55]	1.250 [31.75]		1.250 [31.75]	1.50 [0.68]

		Torsional Play		Axial Tension & Compression	Maximum Static Torque	Endurance			
Part No.	Test Angle	Test Torque (+/- 2%) lbf-in [Nm]	Limit Degrees (+/- 2%)	(+/- 2) lbf [N]	(+/- 2) in [Nm]	Operating Angle	Torque Load (+/- 2%) lbf-in [Nm]	RPM	Run Time Hours
MS20271B6	0	4 [0.45]	0.83	500 [2224]	200 [23]	15	30 [3]	120	5
MS20271B8	0	4 [0.45]	0.62	1000 [4448]	600 [68]	15	90 [10]	120	5
MS20271B10	0	4 [0.45]	0.50	1500 [6672]	1080 [122]	15	162 [18]	120	5
MS20271B12	0	4 [0.45]	0.42	2000 [8896]	1900 [215]	15	285 [32]	120	5
MS20271B14	0	8 [0.90]	0.36	3500 [15569]	3000 [339]	15	450 [51]	120	5
MS20271B16	0	8 [0.90]	0.32	5000 [22241]	4700 [531]	15	705 [80]	120	5
MS20271B20	0	8 [0.90]	0.24	7000 [31138]	9500 [1073]	15	1425 [161]	120	5
MS20271B24	0	8 [0.90]	0.20	9000 [40034]	14500 [1638]	15	2175 [246]	120	5