

METRIC CONVERSION TABLE & BALL BEARING SIZES

General Machine Works Inc.

112 Forrest Street - West Point, MS. 39773 - Call (662) 494-5155 fax: 494-5160

mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
0.05 = 0.0020		2.50 = 0.0984		27 = 1.0630		76 = 2.9921		125 = 4.9213		370 = 14.5669	
0.10 = 0.0039		3.00 = 0.1181		28 = 1.1024		77 = 3.0315		130 = 5.1181		375 = 14.7638	
0.15 = 0.0059		3.50 = 0.1378		29 = 1.1417		78 = 3.0709		135 = 5.3150		380 = 14.9606	
0.20 = 0.0079		4.00 = 0.1575		30 = 1.1811		79 = 3.1102		140 = 5.5118		385 = 15.1575	
0.25 = 0.0098		4.50 = 0.1772		31 = 1.2205		80 = 3.1496		145 = 5.7087		390 = 15.3543	
0.30 = 0.0118		5.00 = 0.1969		32 = 1.2598		81 = 3.1890		150 = 5.9055		395 = 15.5512	
0.35 = 0.0138		5.50 = 0.2165		33 = 1.2992		82 = 3.2283		155 = 6.1024		400 = 15.7480	
0.40 = 0.0157		6.00 = 0.2362		34 = 1.3386		83 = 3.2677		160 = 6.2992		405 = 15.9449	
0.45 = 0.0177		6.50 = 0.2559		35 = 1.3780		84 = 3.3071		165 = 6.4961		410 = 16.1417	
0.50 = 0.0197		7.00 = 0.2756		36 = 1.4173		85 = 3.3465		170 = 6.6929		415 = 16.3386	
0.55 = 0.0217		7.50 = 0.2953		37 = 1.4567		86 = 3.3858		175 = 6.8898		420 = 16.5354	
0.60 = 0.0236		8.00 = 0.3150		38 = 1.4961		87 = 3.4252		180 = 7.0866		425 = 16.7323	
0.65 = 0.0256		8.50 = 0.3346		39 = 1.5354		88 = 3.4646		185 = 7.2835		430 = 16.9291	
0.70 = 0.0276		9.00 = 0.3543		40 = 1.5748		89 = 3.5039		190 = 7.4803		435 = 17.1260	
0.75 = 0.0295		9.50 = 0.3740		41 = 1.6142		90 = 3.5433		195 = 7.6772		440 = 17.3228	
0.80 = 0.0315		10.00 = 0.3937		42 = 1.6535		91 = 3.5827		200 = 7.8740		445 = 17.5197	
0.85 = 0.0335		10.50 = 0.4134		43 = 1.6929		92 = 3.6220		205 = 8.0709		450 = 17.7165	
0.90 = 0.0354		11.00 = 0.4331		44 = 1.7323		93 = 3.6614		210 = 8.2677		455 = 17.9134	
0.95 = 0.0374		11.50 = 0.4528		45 = 1.7717		94 = 3.7008		215 = 8.4646		460 = 18.1102	
1.00 = 0.0394		12.00 = 0.4724		46 = 1.8110		95 = 3.7402		220 = 8.6614		465 = 18.3071	
1.05 = 0.0413		12.50 = 0.4921		47 = 1.8504		96 = 3.7795		225 = 8.8583		470 = 18.5039	
1.10 = 0.0433		13.00 = 0.5118		48 = 1.8898		97 = 3.8189		230 = 9.0551		475 = 18.7008	
1.15 = 0.0453		13.50 = 0.5315		49 = 1.9291		98 = 3.8583		235 = 9.2520		480 = 18.8976	
1.20 = 0.0472		14.00 = 0.5512		50 = 1.9685		99 = 3.8976		240 = 9.4488		485 = 19.0945	
1.25 = 0.0492		14.50 = 0.5709		51 = 2.0079		100 = 3.9370		245 = 9.6457		490 = 19.2913	
1.30 = 0.0512		15.00 = 0.5906		52 = 2.0472		101 = 3.9764		250 = 9.8425		495 = 19.4882	
1.35 = 0.0531		15.50 = 0.6102		53 = 2.0866		102 = 4.0157		255 = 10.0394		500 = 19.6850	
1.40 = 0.0551		16.00 = 0.6299		54 = 2.1260		103 = 4.0551		260 = 10.2362		505 = 19.8819	
1.45 = 0.0571		16.50 = 0.6496		55 = 2.1654		104 = 4.0945		265 = 10.4331		510 = 20.0787	
1.50 = 0.0591		17.00 = 0.6693		56 = 2.2047		105 = 4.1339		270 = 10.6299		515 = 20.2756	
1.55 = 0.0610		17.50 = 0.6890		57 = 2.2441		106 = 4.1732		275 = 10.8268		520 = 20.4724	
1.60 = 0.0630		18.00 = 0.7087		58 = 2.2835		107 = 4.2126		280 = 11.0236		525 = 20.6693	
1.65 = 0.0650		18.50 = 0.7283		59 = 2.3228		108 = 4.2520		285 = 11.2205		530 = 20.8661	
1.70 = 0.0669		19.00 = 0.7480		60 = 2.3622		109 = 4.2913		290 = 11.4173		535 = 21.0630	
1.75 = 0.0689		19.50 = 0.7677		61 = 2.4016		110 = 4.3307		295 = 11.6142		540 = 21.2598	
1.80 = 0.0709		20.00 = 0.7874		62 = 2.4409		111 = 4.3701		300 = 11.8110		545 = 21.4567	
1.85 = 0.0728		20.50 = 0.8071		63 = 2.4803		112 = 4.4094		305 = 12.0079		550 = 21.6535	
1.90 = 0.0748		21.00 = 0.8268		64 = 2.5197		113 = 4.4488		310 = 12.2047		555 = 21.8504	
1.95 = 0.0768		21.50 = 0.8465		65 = 2.5591		114 = 4.4882		315 = 12.4016		560 = 22.0472	
2.00 = 0.0787		22.00 = 0.8661		66 = 2.5984		115 = 4.5276		320 = 12.5984		565 = 22.2441	
2.05 = 0.0807		22.50 = 0.8858		67 = 2.6378		116 = 4.5669		325 = 12.7953		570 = 22.4409	
2.10 = 0.0827		23.00 = 0.9055		68 = 2.6772		117 = 4.6063		330 = 12.9921		575 = 22.6378	
2.15 = 0.0846		23.50 = 0.9252		69 = 2.7165		118 = 4.6457		335 = 13.1890		580 = 22.8346	
2.20 = 0.0866		24.00 = 0.9449		70 = 2.7559		119 = 4.6850		340 = 13.3858		585 = 23.0315	
2.25 = 0.0886		24.50 = 0.9646		71 = 2.7953		120 = 4.7244		345 = 13.5827		590 = 23.2283	
2.30 = 0.0906		25.00 = 0.9843		72 = 2.8346		121 = 4.7638		350 = 13.7795		595 = 23.4252	
2.35 = 0.0925		25.50 = 1.0039		73 = 2.8740		122 = 4.8031		355 = 13.9764		600 = 23.6220	
2.40 = 0.0945		26.00 = 1.0236		74 = 2.9134		123 = 4.8425		360 = 14.1732		605 = 23.8189	
2.45 = 0.0965		26.50 = 1.0433		75 = 2.9528		124 = 4.8819		365 = 14.3701		610 = 24.0157	

> items in bold type are popular ball bearing sizes <
(www.generalmachineworks.com)