

# *Norman Noble, Inc.*

*Microprecision Medtech Manufacturing*



## NITINOL TUBING INVENTORY

Tubing sizes available for use by Norman Noble, Inc.'s Laser Machining Process Development Center.

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
0.18 mm	0.05 mm	0.08 mm	0.007 inch	0.002 inch	0.003 inch
0.24 mm	0.08 mm	0.08 mm	0.009 inch	0.003 inch	0.003 inch
0.30 mm	0.10 mm	0.10 mm	0.012 inch	0.004 inch	0.004 inch
0.43 mm	0.09 mm	0.25 mm	0.017 inch	0.004 inch	0.010 inch
0.76 mm	0.19 mm	0.38 mm	0.030 inch	0.008 inch	0.015 inch
0.76 mm	0.19 mm	0.39 mm	0.030 inch	0.007 inch	0.015 inch
0.80 mm	0.12 mm	0.55 mm	0.031 inch	0.005 inch	0.022 inch
0.86 mm	0.21 mm	0.44 mm	0.034 inch	0.008 inch	0.017 inch
0.92 mm	0.11 mm	0.70 mm	0.036 inch	0.004 inch	0.028 inch
0.98 mm	0.08 mm	0.83 mm	0.039 inch	0.003 inch	0.033 inch
1.12 mm	0.16 mm	0.81 mm	0.044 inch	0.006 inch	0.032 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
1.20 mm	0.18 mm	0.85 mm	0.047 inch	0.007 inch	0.033 inch
1.20 mm	0.16 mm	0.88 mm	0.047 inch	0.006 inch	0.035 inch
1.32 mm	0.20 mm	0.92 mm	0.052 inch	0.008 inch	0.036 inch
1.35 mm	0.15 mm	1.04 mm	0.053 inch	0.006 inch	0.041 inch
1.37 mm	0.07 mm	1.23 mm	0.054 inch	0.003 inch	0.048 inch
1.45 mm	0.19 mm	1.07 mm	0.057 inch	0.007 inch	0.042 inch
1.50 mm	0.10 mm	1.30 mm	0.059 inch	0.004 inch	0.051 inch
1.52 mm	0.28 mm	0.97 mm	0.060 inch	0.011 inch	0.038 inch
1.60 mm	0.26 mm	1.08 mm	0.063 inch	0.010 inch	0.043 inch
1.63 mm	0.23 mm	1.18 mm	0.064 inch	0.009 inch	0.046 inch
1.70 mm	0.42 mm	0.86 mm	0.067 inch	0.017 inch	0.034 inch
1.73 mm	0.24 mm	1.24 mm	0.068 inch	0.009 inch	0.049 inch
1.73 mm	0.22 mm	1.29 mm	0.068 inch	0.009 inch	0.051 inch
1.80 mm	0.21 mm	1.38 mm	0.071 inch	0.008 inch	0.054 inch
1.80 mm	0.14 mm	1.52 mm	0.071 inch	0.006 inch	0.060 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
1.99 mm	0.10 mm	1.80 mm	0.079 inch	0.004 inch	0.071 inch
2.18 mm	0.37 mm	1.44 mm	0.086 inch	0.015 inch	0.057 inch
2.34 mm	0.20 mm	1.93 mm	0.092 inch	0.008 inch	0.076 inch
2.39 mm	0.23 mm	1.93 mm	0.094 inch	0.009 inch	0.076 inch
2.40 mm	0.33 mm	1.74 mm	0.094 inch	0.013 inch	0.069 inch
2.44 mm	0.25 mm	1.93 mm	0.096 inch	0.010 inch	0.076 inch
2.50 mm	0.15 mm	2.21 mm	0.098 inch	0.006 inch	0.087 inch
2.50 mm	0.13 mm	2.25 mm	0.098 inch	0.005 inch	0.088 inch
2.53 mm	0.28 mm	1.97 mm	0.100 inch	0.011 inch	0.078 inch
2.56 mm	0.37 mm	1.83 mm	0.101 inch	0.014 inch	0.072 inch
2.60 mm	0.08 mm	2.44 mm	0.102 inch	0.003 inch	0.096 inch
2.64 mm	0.07 mm	2.49 mm	0.104 inch	0.003 inch	0.098 inch
2.64 mm	0.45 mm	1.74 mm	0.104 inch	0.018 inch	0.069 inch
2.80 mm	0.38 mm	2.04 mm	0.110 inch	0.015 inch	0.080 inch
2.80 mm	0.30 mm	2.20 mm	0.110 inch	0.012 inch	0.087 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
3.00 mm	0.26 mm	2.48 mm	0.118 inch	0.010 inch	0.098 inch
3.05 mm	0.15 mm	2.74 mm	0.120 inch	0.006 inch	0.108 inch
3.18 mm	0.42 mm	2.34 mm	0.125 inch	0.016 inch	0.092 inch
3.30 mm	0.56 mm	2.18 mm	0.130 inch	0.022 inch	0.086 inch
3.50 mm	0.59 mm	2.32 mm	0.138 inch	0.023 inch	0.091 inch
3.50 mm	0.17 mm	3.16 mm	0.138 inch	0.007 inch	0.124 inch
3.50 mm	0.14 mm	3.22 mm	0.138 inch	0.006 inch	0.127 inch
3.50 mm	0.13 mm	3.25 mm	0.138 inch	0.005 inch	0.128 inch
3.50 mm	0.11 mm	3.29 mm	0.138 inch	0.004 inch	0.129 inch
3.60 mm	0.25 mm	3.10 mm	0.142 inch	0.010 inch	0.122 inch
3.70 mm	0.63 mm	2.44 mm	0.146 inch	0.025 inch	0.096 inch
3.81 mm	0.32 mm	3.18 mm	0.150 inch	0.012 inch	0.125 inch
3.90 mm	0.05 mm	3.80 mm	0.154 inch	0.002 inch	0.150 inch
4.24 mm	0.17 mm	3.91 mm	0.167 inch	0.007 inch	0.154 inch
4.30 mm	0.40 mm	3.50 mm	0.169 inch	0.016 inch	0.138 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
4.50 mm	0.15 mm	4.21 mm	0.177 inch	0.006 inch	0.166 inch
4.50 mm	0.13 mm	4.25 mm	0.177 inch	0.005 inch	0.167 inch
4.57 mm	0.30 mm	3.96 mm	0.180 inch	0.012 inch	0.156 inch
4.72 mm	0.48 mm	3.76 mm	0.186 inch	0.019 inch	0.148 inch
4.80 mm	0.39 mm	4.01 mm	0.189 inch	0.016 inch	0.158 inch
4.80 mm	0.38 mm	4.04 mm	0.189 inch	0.015 inch	0.159 inch
4.80 mm	0.08 mm	4.65 mm	0.189 inch	0.003 inch	0.183 inch
4.80 mm	0.32 mm	4.17 mm	0.189 inch	0.012 inch	0.164 inch
4.83 mm	0.46 mm	3.91 mm	0.190 inch	0.018 inch	0.154 inch
4.95 mm	0.19 mm	4.57 mm	0.195 inch	0.008 inch	0.180 inch
4.95 mm	0.18 mm	4.58 mm	0.195 inch	0.007 inch	0.180 inch
4.95 mm	0.18 mm	4.60 mm	0.195 inch	0.007 inch	0.181 inch
5.00 mm	0.11 mm	4.77 mm	0.197 inch	0.004 inch	0.188 inch
5.00 mm	0.05 mm	4.90 mm	0.197 inch	0.002 inch	0.193 inch
5.25 mm	0.16 mm	4.94 mm	0.207 inch	0.006 inch	0.194 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
5.28 mm	0.48 mm	4.32 mm	0.208 inch	0.019 inch	0.170 inch
5.49 mm	0.18 mm	5.13 mm	0.216 inch	0.007 inch	0.202 inch
5.50 mm	0.38 mm	4.74 mm	0.217 inch	0.015 inch	0.187 inch
5.54 mm	0.18 mm	5.18 mm	0.218 inch	0.007 inch	0.204 inch
5.76 mm	0.10 mm	5.56 mm	0.227 inch	0.004 inch	0.219 inch
5.79 mm	0.48 mm	4.82 mm	0.228 inch	0.019 inch	0.190 inch
5.82 mm	0.51 mm	4.80 mm	0.229 inch	0.020 inch	0.189 inch
5.84 mm	0.43 mm	4.98 mm	0.230 inch	0.017 inch	0.196 inch
5.87 mm	0.53 mm	4.80 mm	0.231 inch	0.021 inch	0.189 inch
5.87 mm	0.84 mm	4.19 mm	0.231 inch	0.033 inch	0.165 inch
5.98 mm	0.48 mm	5.02 mm	0.235 inch	0.019 inch	0.198 inch
5.99 mm	0.51 mm	4.98 mm	0.236 inch	0.020 inch	0.196 inch
6.00 mm	0.50 mm	5.00 mm	0.236 inch	0.020 inch	0.197 inch
6.00 mm	0.11 mm	5.77 mm	0.236 inch	0.004 inch	0.227 inch
6.00 mm	0.10 mm	5.80 mm	0.236 inch	0.004 inch	0.228 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
6.02 mm	0.53 mm	4.95 mm	0.237 inch	0.021 inch	0.195 inch
6.10 mm	0.18 mm	5.74 mm	0.240 inch	0.007 inch	0.226 inch
6.30 mm	0.15 mm	6.00 mm	0.248 inch	0.006 inch	0.236 inch
6.81 mm	0.66 mm	5.49 mm	0.268 inch	0.026 inch	0.216 inch
6.98 mm	0.75 mm	5.49 mm	0.275 inch	0.029 inch	0.216 inch
6.98 mm	0.56 mm	5.87 mm	0.275 inch	0.022 inch	0.231 inch
7.00 mm	0.72 mm	5.56 mm	0.276 inch	0.028 inch	0.219 inch
7.00 mm	0.55 mm	5.90 mm	0.276 inch	0.022 inch	0.232 inch
7.00 mm	0.53 mm	5.93 mm	0.276 inch	0.021 inch	0.234 inch
7.00 mm	0.31 mm	6.38 mm	0.276 inch	0.012 inch	0.251 inch
7.00 mm	0.10 mm	6.80 mm	0.276 inch	0.004 inch	0.268 inch
7.87 mm	0.10 mm	7.67 mm	0.310 inch	0.004 inch	0.302 inch
9.00 mm	0.60 mm	7.80 mm	0.354 inch	0.024 inch	0.307 inch
9.00 mm	0.56 mm	7.88 mm	0.354 inch	0.022 inch	0.310 inch
9.50 mm	0.50 mm	8.50 mm	0.374 inch	0.020 inch	0.335 inch

<b>OD (mm)</b>	<b>WT (mm)</b>	<b>ID (mm)</b>	<b>OD (inch)</b>	<b>WT (inch)</b>	<b>ID (inch)</b>
10.00 mm	0.83 mm	8.34 mm	0.394 inch	0.033 inch	0.328 inch
10.00 mm	0.72 mm	8.56 mm	0.394 inch	0.028 inch	0.337 inch
10.00 mm	0.67 mm	8.66 mm	0.394 inch	0.026 inch	0.341 inch
10.00 mm	0.64 mm	8.73 mm	0.394 inch	0.025 inch	0.344 inch
10.00 mm	0.62 mm	8.76 mm	0.394 inch	0.024 inch	0.345 inch
10.00 mm	0.53 mm	8.94 mm	0.394 inch	0.021 inch	0.352 inch
10.00 mm	0.40 mm	9.20 mm	0.394 inch	0.016 inch	0.362 inch
15.00 mm	0.73 mm	13.54 mm	0.591 inch	0.029 inch	0.533 inch