

BRITISH ASSOCIATION (BA) THREADS

Angle of Thread is 47.5 degrees

ALL DIMENSIONS ARE IN INCHES (EXCEPT TAPPING DRILL)

| Number | Diameter | Pitch | Threads per Inch | Root Diameter | Tapping Drill (mm) |
|--------|----------|--------|------------------|---------------|--------------------|
| 16BA | 0.031 | 0.0075 | 133.3 | 0.022 | 0.6 |
| 15BA | 0.035 | 0.0083 | 120.5 | 0.025 | 0.7 |
| 14BA | 0.039 | 0.0091 | 109.9 | 0.028 | 0.8 |
| 13BA | 0.047 | 0.0098 | 102 | 0.0352 | 0.98 (No 62) |
| 12BA | 0.051 | 0.011 | 90.9 | 0.0378 | 1.05 |
| 11BA | 0.059 | 0.0122 | 81.9 | 0.0443 | 1.2 |
| 10BA | 0.067 | 0.0138 | 72.6 | 0.0504 | 1.4 |
| 9BA | 0.075 | 0.0154 | 65.1 | 0.0565 | 1.55 |
| 8BA | 0.086 | 0.0169 | 59.1 | 0.0657 | 1.8 |
| 7BA | 0.0982 | 0.0189 | 52.9 | 0.0753 | 2.05 |
| 6BA | 0.11 | 0.0209 | 47.9 | 0.0849 | 2.3 |
| 5BA | 0.126 | 0.0232 | 43 | 0.0981 | 2.65 |
| 4BA | 0.142 | 0.026 | 38.5 | 0.1108 | 3 |
| 3BA | 0.161 | 0.0287 | 34.8 | 0.1266 | 3.4 |
| 2BA | 0.185 | 0.0319 | 31.4 | 0.1467 | 4 |
| 1BA | 0.209 | 0.0354 | 28.2 | 0.1665 | 4.5 |
| 0BA | 0.236 | 0.0394 | 25.4 | 0.1887 | 5.1 |