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PROJECT IMAGES

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Project list

| | page | level, time (min) | RH | LH | 4-jaw chuck | drilling boring | grooving |
|--------------------------------|---------------|-------------------------|----|----|----------------|--------------------|----------|
| Miniature tower (LatheCity) | 88, 90 | +, 10 | x | | | | |
| Experiment: surface finish | 89 | +, 10 | x | | | | |
| Working precisely | 93, 94 | ++, 20 | x | | | | |
| Measure backlash | 96 | +, 5 | x | | | | |
| Measure runout | 98 | +, 5 | x | | | | |
| Experiment: tool chatter | 99 | ++, 10 | x | | | | |
| Taper city | 107, 113 | ++, 20 | x | | | | |
| Earrings | 113, 116 | ++, 60 | x | | | | |
| Earrings | 125 | ++, 10 | x | | | | x |
| Square city | 129, 132- 134 | +++ , 15 | x | | x | | |
| T nut | 133 | ++, 20 | x | | | | |
| Drill stops | 149 | +, 5 | | | | x | |
| Spice dispenser | 151 | +++ , 30 | x | | | x | |
| Die holder | 152 | +++ , 60 | x | | | x | |
| Height gage | 171 | +++ , 30 | x | x | | x | |
| Space needle | 172, 173 | +++ , 30 | x | x | | x | |
| Parabola cuts | 181 | +++ , 30 | x | | | x | |
| Spherical cuts | 186 | +++ , 30 | x | | | x | |
| Elliptical cuts, UFO | 190 | +++ , 30 | x | | | X | |
| Cigar earrings | 193 | +++ , 60 | x | | | x | |
| Morse taper | 194 | ++ , 10 | x | | | x | |

The “++” indicates the difficulty level (from + simple to ++++ difficult), which is certainly a matter of taste and also depends on the tooling at hand. The time estimates might be somewhat optimistic and assume advanced machining skills. More projects are in our “Tabletop Milling” books since most engineering type projects require both lathe and mill work.