

SBL-spindle-tapers-all-lathes

During and after WWII, SBL tapers were all revised to 0.60235 except for the 10R which ended in 1951 with a 0.6233 taper. The large end taper diameters were: 0.938 for the 9/10K and 1.6295 for the large lathes. The older 14-1/2 had the same 0.60235 taper, but the large-end taper diameter was 1.325.

SBL-special-spindle-tapers

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SBL uses a .60235" taper per foot like the #3mt.
But with a 1.6295" diameter at the big end(5c spindle).

A #4mt is .6233" TPF.

A #4-1/2mt is .6240" TPF.

A #5mt is .6315" TPF.

I think that makes SBL's taper "special".

Ted Pflugner
