

SB/X/45  
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Recommended Minimum Commutator  
Diameters for Starting Motors  
And Generators

The minimum diameters to which commutators of pre-engaged (and also inertia) drive starting motors and generators may be skimmed and still remain serviceable are as follows:-

<u>Starting Motor Models</u>		<u>Minimum Commutator Diameter</u>
M3 ) And ) M325 )	With 33-bar commutators	1.125 inches (28.60mm)
M35G ) M325 )	With 29-bar commutators	1.281 inches (32.50mm)
M35G )	With 37-bar commutators	1.421 inches (36.10mm)
M418G ) And ) M45G )	With 23-bar or 37-bar commutators	1.531 inches (38.90mm)
<u>Generator Models</u>		
C40 ) C40L )	With Moulded commutator	1.450 inches (36.80mm)
C42 ) C40 ) C39 )	With Fabricated commutator	1.385 inches (35.10mm)
C45 )	With Fabricated commutator	1.625 inches (41.30mm)
C47 ) C48 )	With Fabricated commutator	1.917 inches (48.60mm)