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Compare multiplate clutch with cone clutch on the following basis.

Question:
Compare multiplate clutch with cone clutch on the following basis.

(1) Power Transmission

(2) Size

Answer:
Comparison of multiplate clutch and Cone clutch:

Points	**Multiplate clutch**	**Cone clutch**
Power transmission	Small power transmission for same operating condition.	Very large power/torque transmission. (Because of increase of normal force). i.e. $F_n = F/Sin\alpha$; α is semi cone angle F is axial force; F_n is normal force
Size	Larger	Smaller size or require less actuating force compared with plate clutch.
