

Multi-Plate Clutch Assembly for Transmissions

This multi-plate clutch assembly is a crucial component in automotive and motorcycle transmissions. It consists of a clutch basket, pressure plate, friction plates, and a central hub with splines for torque transfer.



Overview

High-Performance Multi-Plate Clutch Assembly

This multi-plate clutch assembly is an essential transmission component engineered for reliable torque transfer in automotive and motorcycle applications. Featuring a robust design with a precision-engineered clutch basket, pressure plate, and high-friction composite plates, it ensures smooth gear transitions and consistent engagement. The assembly is built to withstand demanding operational conditions, making it an ideal solution for professional transmission maintenance and repair.

Technical Specifications

Construction Materials

- Steel or Aluminum Clutch Basket
- High-friction composite friction plates
- Splined central hub

Assembly Breakdown

Component	Primary Function
Clutch Basket	Houses friction plates
Pressure Plate	Applies force for friction
Friction Plates	Enables torque transfer
Central Hub	Splined for input shaft connection

Key Functions

Torque Transmission, Smooth Engagement, Gear Change Support, Anti-Stall Protection