

# Multi-Plate Clutch Assembly

This multi-plate clutch assembly includes a clutch basket, pressure plate, friction plates, and steel plates. It is engineered for efficient power transmission and durability in demanding applications.



## Product Overview

### High-Performance Multi-Plate Clutch Assembly

This multi-plate clutch assembly is engineered for demanding industrial and mechanical applications where efficient power transmission is critical. The system features a robust clutch basket, precision-engineered pressure plate, and a high-friction clutch pack consisting of friction and steel plates. Designed for durability and consistent engagement, this assembly ensures reliable power transfer under significant load.

## Technical Construction

### Key Components

- Clutch basket with engagement slots
- Pressure plate
- Friction plates
- Steel plates

### Component Functionality

Component	Primary Function
Clutch Basket	Provides slots for engaging friction plates
Pressure Plate	Applies force to compress the clutch pack
Friction Plates	Ensures efficient power transfer
Steel Plates	Provides smooth engagement surface

### Design Features

High friction coefficient, Efficient power transmission, Optimized for demanding applications, Durable construction