

Circular Pressure Plate for Mechanical Systems

This circular pressure plate is designed for mechanical systems. It evenly distributes pressure through its circular form and rectangular protrusions.



Product Overview

High-Precision Mechanical Pressure Plate

This circular pressure plate is engineered for demanding mechanical systems, particularly within automotive clutch applications. Produced using advanced high-density HWS molding, the casting offers superior structural integrity, exceptional hardness, and high strength. With minimal surface tolerance and refined internal organization, it ensures long-term fatigue resistance and reliable performance under pressure.

Manufacturing & Quality

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| Production Method | HWS molding process for high-density casting |
| Quality Certifications | High-Precision, Fine Internal Structure, Fatigue Resistant |

Material Properties

Surface & Material Characteristics

- Bright and clean surface finish
- High hardness
- Superior ductility
- Excellent workability
- Free from internal defects like dispersed shrinkage

Application

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| Primary Industry Application | Passenger car clutch systems |
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