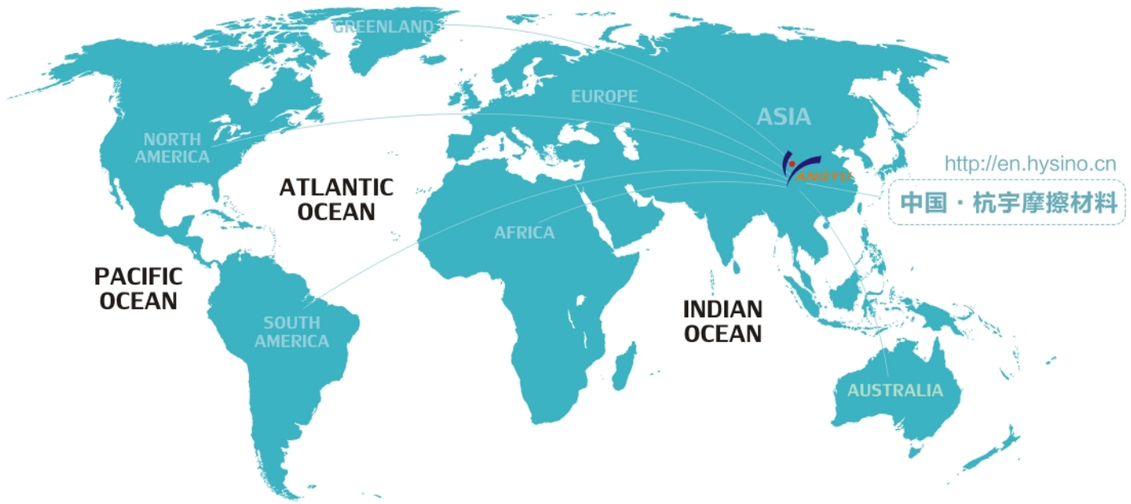
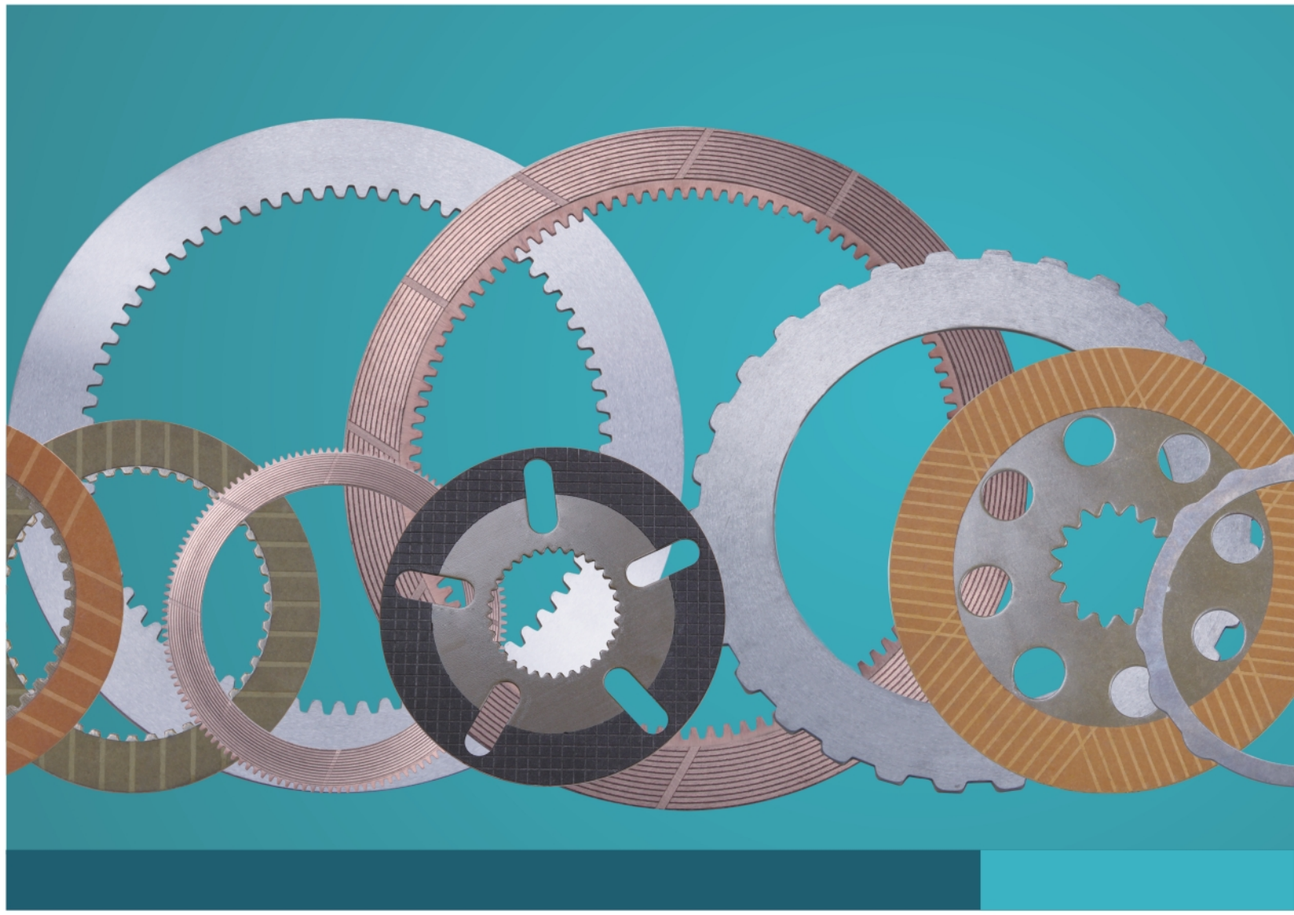
Marketing Network
营销网络



Main OEM Brands
主要OEM品牌

KOMATSU · CATERPILLAR · JCB · YTO · SHANTUI · XCMG徐工集团 · HITACHI · KOBELCO · CLARK · MASSEY FERGUSON · Ford · NEW HOLLAND AGRICULTURE · CASE CONSTRUCTION · FIAT · JOHN DEERE

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杭州杭宇摩擦材料有限公司
Hangzhou Hangyu Friction Material Co,.ltd.

地址: 杭州市萧山区临浦工业园区通一村 311251
Add: Tongyi Village, Linpu Industry Zone, Xiaoshan, Hangzhou, 311251 China
电话(Tel): 86-571-22869011 / 22869106 / 22869107
传真(Fax): 86-571-22869113
邮箱(Email): tracy@hysino.cn
网址: http://en.hysino.cn

Hangzhou Hangyu Friction Material Co,.ltd.
杭州杭宇摩擦材料有限公司

Company Introduction
公司简介

Hangzhou Hangyu Friction Material Co.,Ltd is located in Linpu Industry Zone, Xiaoshan, Hangzhou. The company covers an area of 25,000 square meters and its workshop covers 18,000 square meters. It is only 25 kilometers apart from the beautiful west lake, west to NO.3 provincial road and south to Jinhua-Quzhou Highway. Bus K735 and K739 can get to the factory.

The company specializes in the field of research, development, manufacture and test for friction products, with material of copper, steel, paper, carbon, and semi-metallic. It supplies goods and service to over 200 enterprises home and abroad. The products are widely used in agricultural machinery, construction machinery, marine machinery, general machinery, automobile and military machinery

The company has spray-sintered friction plate production line, pressing-sintering friction plate production line; with computer monitoring and controlling of dry, wet friction performance test platform, advanced production and testing equipment. It has reliable quality assurance system and powerful R&D ability.

We sincerely welcome all of you to visit us for business. Your satisfaction is our eternal pursuit!

杭州杭宇摩擦材料有限公司位于杭州市萧山区临浦工业园区。公司占地面积25000平方米，生产厂房18000平方米，距美丽的西子湖畔仅25公里，西靠03省道，南接杭金衢高速，K735、K739公交车直达厂区。

公司专业从事各种铜基、铁基、纸基、碳基和半金属摩擦制品，粉末冶金零件及复合减摩制品的研究、开发、生产和检测。为国内外200多家用户提供产品和服务。产品广泛应用于农业机械、工程机械、船舶机械、通用机械、汽车和军工车辆等。

公司拥有先进的喷撒-烧结摩擦片生产线，压制-烧结摩擦片生产线；拥有微机测控的干、湿式摩擦性能试验台等先进的生产和检测设备。拥有可靠的质量保证体系，强大的研发能力。

竭诚欢迎国内外朋友前来洽谈业务。您的满意是我们永远的追求！！



Production Scale
生产规模















Management System
管理体系



QMS CERTIFICATE OF REGISTRATION

Registration No.: 128120202608OM

This is to certify that the Quality Management System of

Hangzhou Hangyu Friction Material Co.,Ltd

Tongyi Village, Linpu Town, Xiaoshan District, Hangzhou City, Zhejiang Province, 311251 P.R.China

Has been audited to conform to the following Quality Management System Standard:

GB/T19001-2008 idt ISO9001：2008

For the whole process of Production and Services of

Manufacture of Friction Material (Friction Plate)

This certificate remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position, please visit www.csiso.com for the certificate's validity status

Issued by: Hongzhen

Building1, No. 2 Yuetan, North Xiaojie Xicheng District, Beijing

Management System CNAS C128-Q

DATE OF ISSUE: 10-18-2012, VALID UNTIL: 10-17-2015



质量管理体系认证证书

注册号：128120202608OM

兹 证 明

杭州杭宇摩擦材料有限公司

地址：中国浙江省杭州市萧山区临浦镇通一村

邮编：311251

质量管理体系符合

GB/T19001-2008 idt ISO9001：2008

该体系认证所覆盖的范围

摩擦材料制品（摩擦片）的制造

中标研国联(北京)认证中心

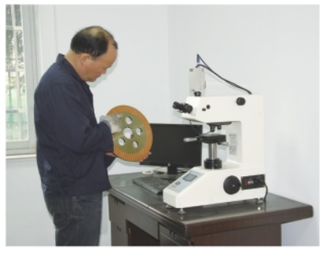
签发：

北京市西城区月坛北小街2号8层1号楼

签发日期：2012 年 10 月 18 日； 有效日期：2015 年 10 月 17 日

ISO9001：2008QMS CERTIFICATE OF REGISTRATION
ISO9001：2008质量管理体系认证证书









Typical Appilcation
产品主要应用领域

- 工程机械：挖掘机，推土机，装载机，起重机，压路机，平地机等。
  Construction Machinery: excavator, bulldozer, loader, crane, road roller, grader, etc.
- 农用机械：拖拉机，收割机,播种机等。
  Agricultural Machinery: tractors, harvesters, planter etc.
- 船用齿轮箱Marine gear box
- 叉车 Forklift
- 重型汽车Heavy-Truck
- 矿山机械Mining machinery
- 压力机Press machinery
- 军工机械Military machinery
- 其他通用机械 Other general machinery





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11 **Friction Plate For Engineering Machinery**
工程机械摩擦片

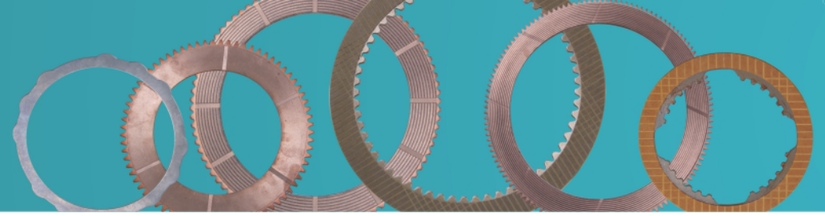
14 **Friction Plate For Excavators**
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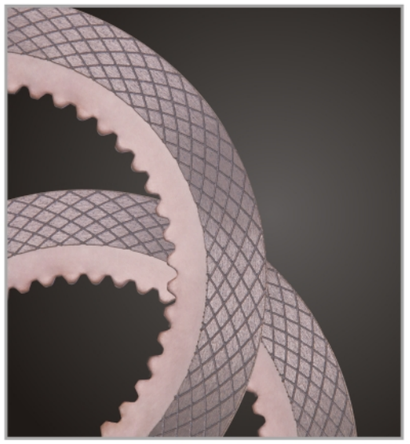
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17 **Friction Plate For Auto Gear Box**
汽车变速箱摩擦片

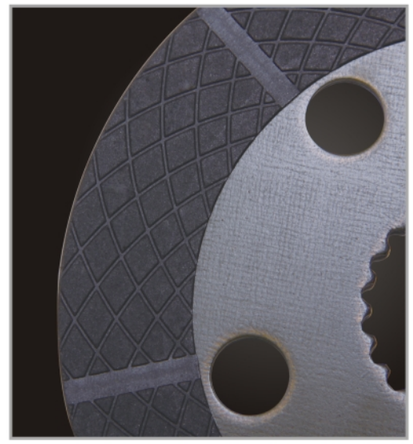
18 **Tractor clutch driven plate/Brake assembly**
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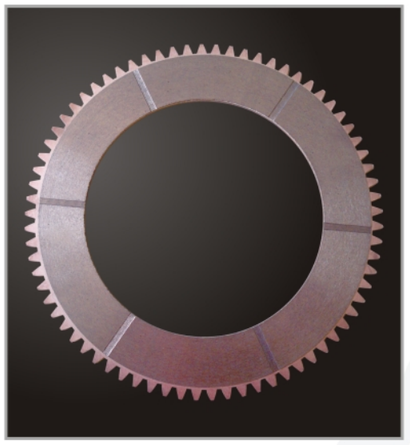




铜基摩擦材料(湿式) Copper-based Friction Material(in oil)		
技术参数 Parameter	动摩擦系数 μd Dynamic Cofficient	0.05～0.08
	静摩擦系数 μs Static Coefficient	0.11～0.15
	磨损率 CM^3/J Wear Ratio	≤$5.0x10^{-8}$
使用条件 Coditions of Application	最高比压 Pressure(Max.)	3.5～6
	线速度 Liner Velocity	≤40m/s
	工作油温 Oil Temperature in Operation	≤200℃

碳基摩擦材料 Carbon-based Friction Material		
技术参数数 Parameter	动摩擦系数 μd Dynamic Cofficient	0.07～0.10
	静摩擦系数 μs Static Coefficient	≥0.10
	磨损率 CM^3/J Wear Ratio	≤$2.0x10^{-8}$
能量负荷许用值 Permitted Value of Energy-Load		≥60000

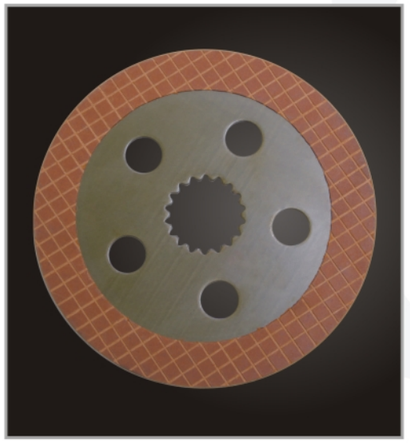




铜基摩擦材料（干式） Copper-based Friction Material(in air)		
技术参数 Parameter	动摩擦系数 μd Dynamic Cofficient	0.2～0.35
	静摩擦系数 μs Static Coefficient	0.2～0.35
	磨损率 CM^3/J Wear Ratio	≤$5.0x10^{-7}$
使用条件 Coditions of Application	最高比压 Pressure(Max.)	1～3
	线速度 Liner Velocity	≤30m/s

金属陶瓷摩擦材料 Ceramet Friction Material		
技术参数 Parameter	动摩擦系数 μd Dynamic Cofficient	≥0.25
	静摩擦系数 μs Static Coefficient	≥0.40
	磨损率 CM^3/J Wear Ratio	5～$20x10^{-8}$
使用条件 Coditions of Application	工作比压 Specific Pressure	≤4MPa
	线速度 Liner Velocity	≤30m/s





纸基摩擦材料 Paper-based Friction Material		
技术参数 Parameter	动摩擦系数 μd Dynamic Cofficient	0.08～0.15
	静摩擦系数 μs Static Coefficient	0.11～0.21
	磨损率 CM^3/J Wear Ratio	≤$5.0x10^{-8}$
使用条件 Coditions of Application	工作比压 Specific Pressure	≤6MPa
	线速度 Liner Velocity	≤40m/s
	工作油温 Oil Temperature in Operation	≤120℃

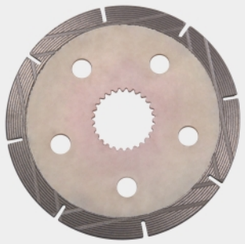
橡胶摩擦材料 Elastomer Friction Material		
技术参数 Parameter	动摩擦系数 μd Dynamic Cofficient	=0.10-0.12
	静摩擦系数 μs Static Coefficient	≤0.14-0.15
	磨损率 CM^3/J Wear Ratio	≤$4.5x10^{-8}$
使用条件 Coditions of Application	工作比压 Specific Pressure	≤6MPa
	线速度 Liner Velocity	≤40m/s
	工作油温 Oil Temperature in Operation	≤220℃



Friction Plate For Tractor
拖拉机摩擦片



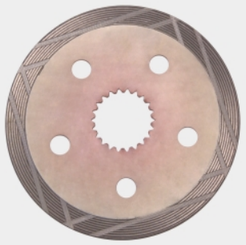
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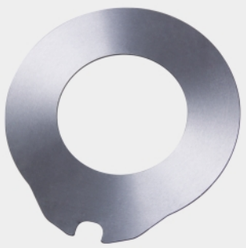
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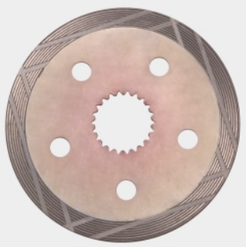
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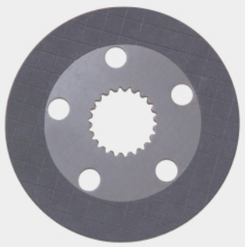
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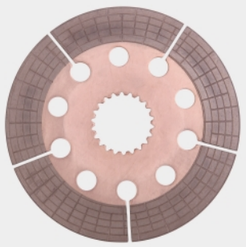
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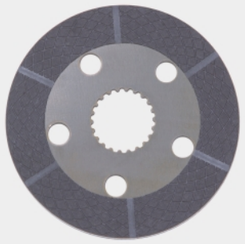
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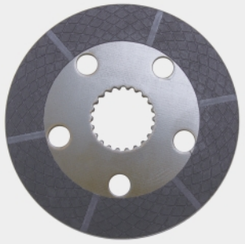
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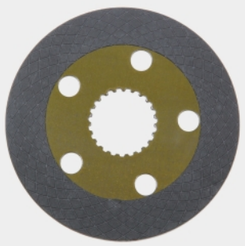
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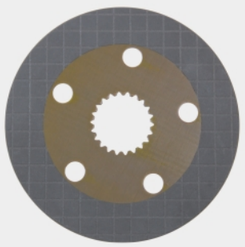
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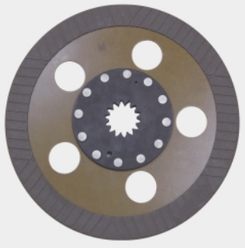
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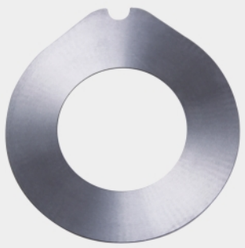
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JOHN DEERE



BORG



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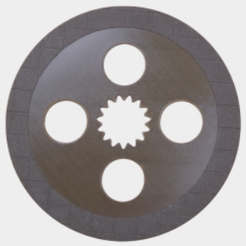
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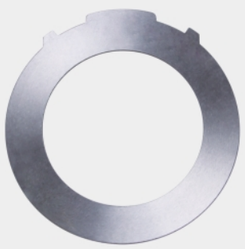
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M.F.



M.F.



M.F.





Friction Plate For Engineering Machinery
工程机械摩擦片



CATERPILLAR
122-1881



CATERPILLAR
230-4017



JCB
04/500235



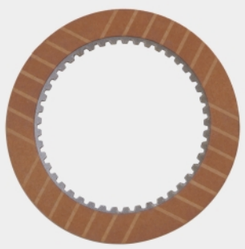
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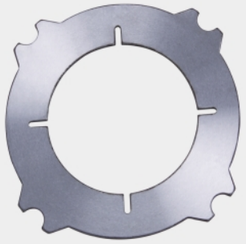
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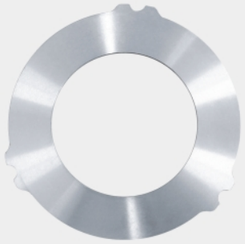
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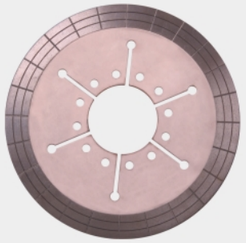
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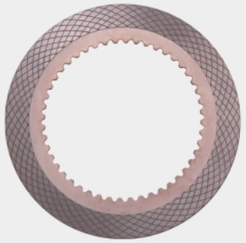
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ZL40-50直接档主动片



ZL40-50直接档主动片

Friction Plate For Excavators
挖掘机摩擦片



HITACHI
7598-032



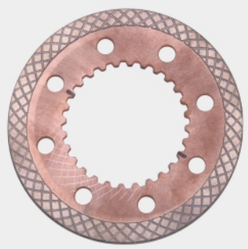
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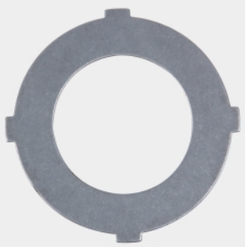
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Friction Plate For Forklift
叉车摩擦片



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CLARK
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CLARK
215178



CLARK
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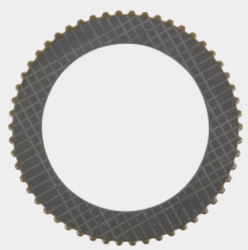
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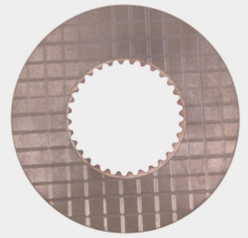
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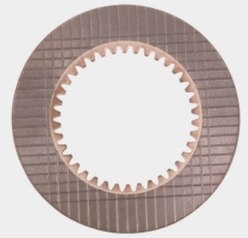
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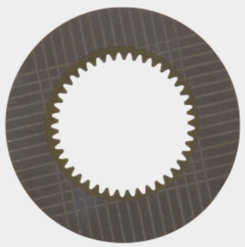
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BK-703100-9000



MITSUI TCM
BK-703701-1001



MITSUI TCM
BK-750102-4000



FORD
D3NNP743A



B04-13(砖机)



YQX30-1001(叉车)



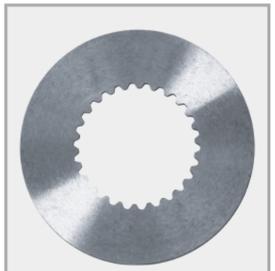
Friction Plate For Marine Gear Box
船用齿轮箱摩擦片



0602-401-0007



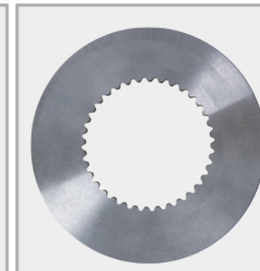
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1602-1201-0007



1602-0015



300-01-009



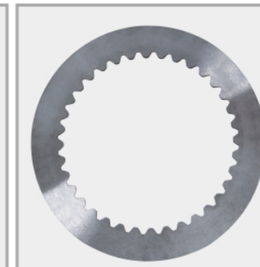
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170-01-013



270-1201-0007



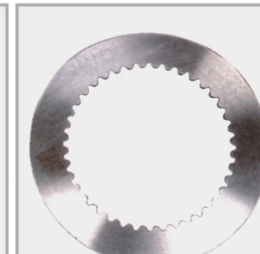
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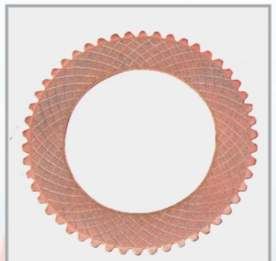
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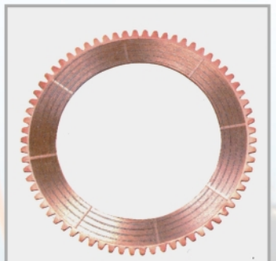
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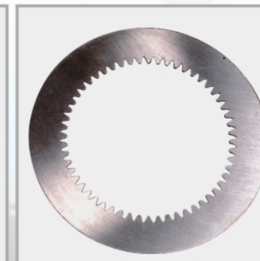
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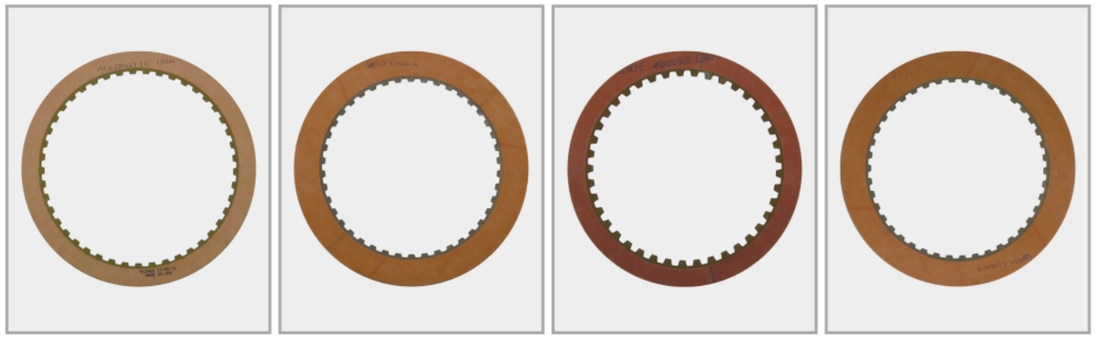


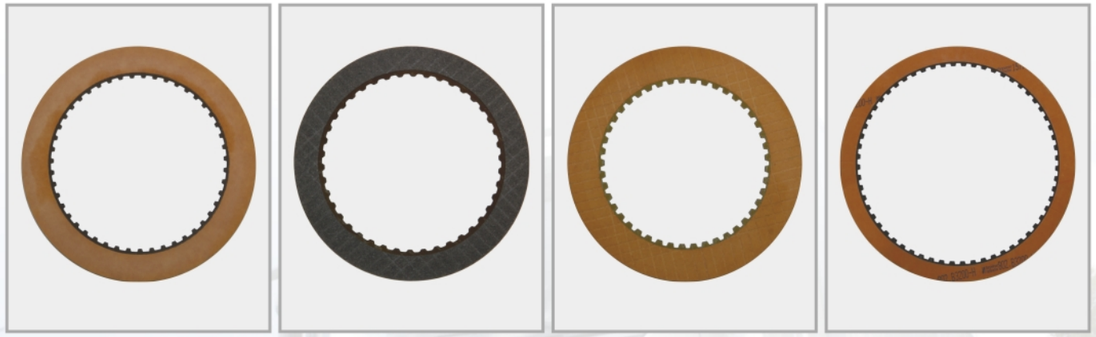
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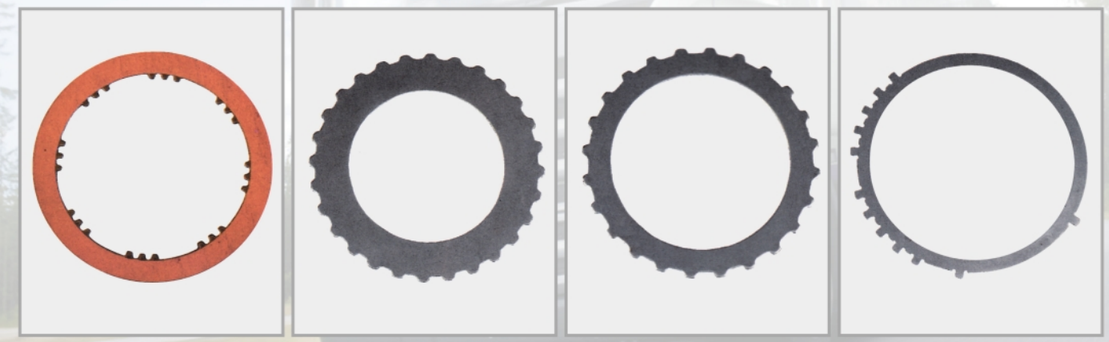


Friction Plate For Auto Gear Box
汽车变速箱摩擦片









电话(Tel): 86-571-22869011 / 22869106 / 22869107

Tractor clutch driven plate/Brake assembly
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