

# 成形磨削用滚轮 Diamond Dressing Rollers for Form Grinding

## 产品概述

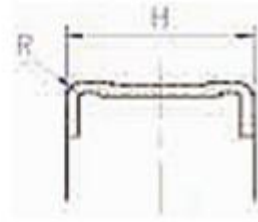
公司采用内镀法生产的高精度滚轮，可以制作 R0.1 小圆弧面、小于 1mm 齿距的多齿复杂型面滚轮及高径比大于 1.5、高度大于 200mm 的强力磨削用大型面滚轮，产品轮廓精度高，是高精度、高效成形磨削的修整工具。

公司采用外镀法生产的各类滚轮，用于陶瓷 CBN 砂轮、内圆磨头的修整，具有修整效率高、直线度好等特点。

## Product overview

We can produce high precision dressing rollers with inner galvanizing (UZ) methods. For example, we can supply complicated multi-teeth rollers with small radius R0.1 and teeth distance less than 1mm and heavy grinding rollers with height more than 200mm and height diameter ratio bigger than 1.5.

Our dressing rollers produced with outer galvanizing methods are used for dressing vitrified CBN grinding wheels and internal mounted points. Its features are high dressing efficiency and good straightness.



R:±0.005mm H:±0.01mm

加工曲轴用金刚石滚轮  
Diamond dressing roller for crankshaft



T:±0.0025mm  
直线度Straightness:0.002mm

加工万向节用金刚石滚轮  
Diamond dressing roller for universal joint

## 主要特点

修整效率高

型面一致性好

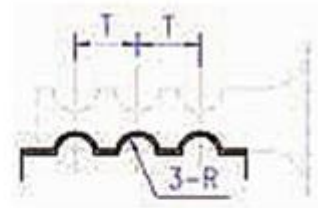
加工的工件质量稳定

## Main features

High dressing efficiency

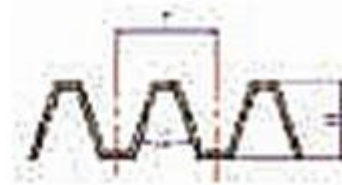
Good profile consistency

Stable workpiece quality



R:±0.005mm  
圆弧轮廓度arc contour:0.003mm  
T:±0.005mm

加工气门用金刚石滚轮  
Diamond dressing rollers for valve



T:±0.03mm  
H:±0.05mm  
 $\sigma$ :±0.01mm

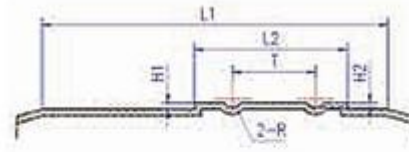
加工方向机齿条用金刚石滚轮  
Diamond dressing roller for rack steering gear

## 应用领域与适用范围

广泛应用方向器螺杆、万向节、气门、轴承内外圈，凸轮轴、曲轴、连杆等诸多产品加工砂轮的修整。

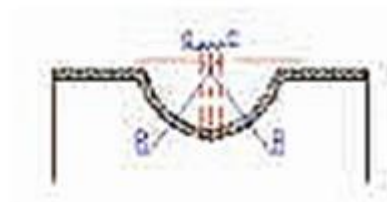
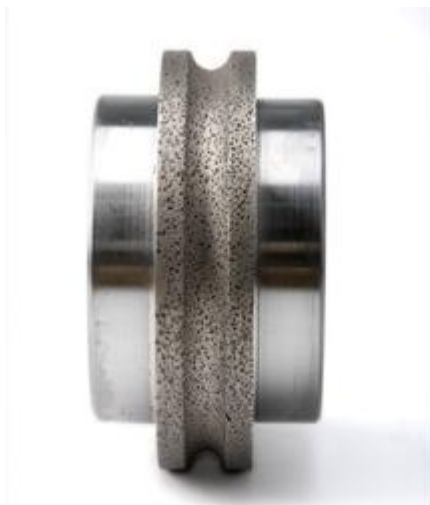
## Application

They are widely used for dressing the grinding wheels for processing screw of steering gear, universal joint, valve, bearing inner and outer raceway, camshaft, crankshaft and connecting rods and so on.



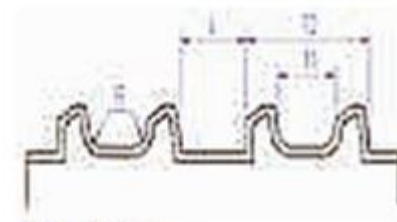
R:±0.005mm,  
 圆弧轮廓度arc contour:0.003mm  
 T:±0.005mm, L1、L2:±0.02mm  
 H1:±0.002mm, H2:±0.005mm

加工水泵轴承用金刚石滚轮  
 Diamond dressing roller for water pump bearing



R 尺寸精度:±0.003mm  
 直线度Straightness:0.002mm

加工方向机螺杆用金刚石滚轮  
 Diamond dressing rollers for screw of steering gear



T:±0.0025mm  
 直线度Straightness:0.002mm

加工活塞环用金刚石滚轮  
 Diamond dressing rollers for piston ring