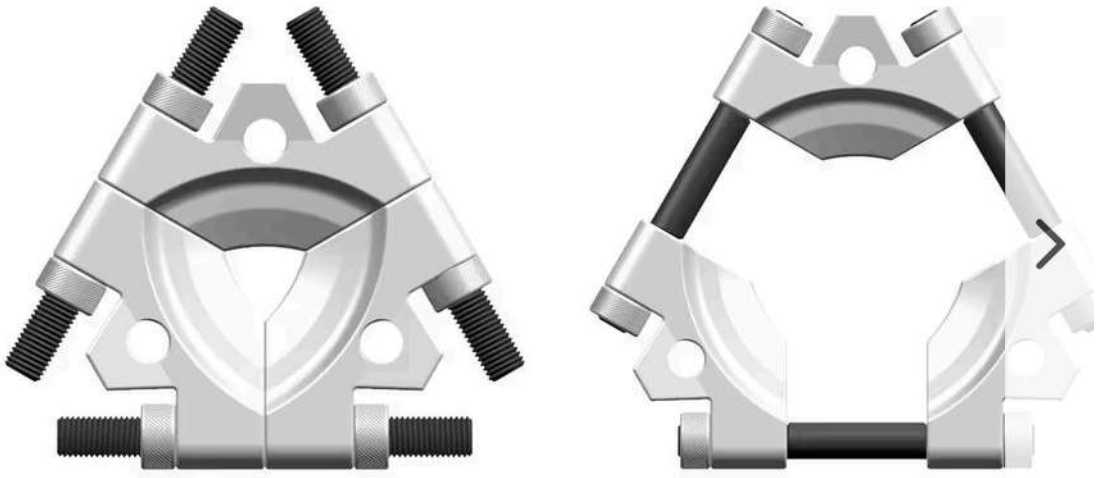

Image may differ from product. See technical specification for details.



# TMMS 380

## Tri-section pulling plate

The tri-section pulling plate TMMS 380 is especially designed for use in combination with three-armed bearing pullers. The plate grips behind the inner ring of the bearing and prevents the pulling forces from being transmitted through the bearing, minimising the risk of bearing damage.

- Efficient bearing dismounting with unique design to direct dismounting forces directly to the bearing inner ring
- No bearing damage from dismounting forces that go through the bearing outer ring and rolling elements
- Even force distribution revents bearing bearing locking or tilting during dismounting
- Wig shape allows the plates to be easily inserted between bearing and the shoulder on the shaft
- Suitable for use in combination with any three-armed bearing puller

# Overview

## Properties

| | |
|---|---|
| Coating | Rods: black phosphated<br>Plates and nuts, Zinc coated |
| Colour | Metallic and black |
| Dismounting force generation | by pullerarms |
| Material | Alloy engineering steels, hardened and tempered |
| Pulling force (max) | 600 kN |
| Recommended applications | For use with a puller in the dismounting of bearings, gears, pulleys and other industrial ring shaped components in industrial, construction and agricultural applications with an interference fit on the shaft. To asssist a three armed puller where the claws of the puller can't grip the component properly. |
| Suitable for bearing dismounting from a Sleeve (adapter or withdrawal sleeve) | Yes |
| Suitable for bearing dismounting from a Tapered seating (conical shaft) | Yes |
| Suitable for workpiece dismounting from a Blind arrangement (housing with shaft) | No |
| Suitable for workpiece dismounting from a Cylindrical seating (straight shaft) | Yes |
| Suitable for workpiece dismounting from a Housing | No |

## Logistics

| | |
|---|---|
| Product net weight | 45.6 kg |
| UNSPSC code | 27111712 |
| eClass code | 23-05-19-01 |

# Compatible products

## Recommended product

| | |
|---|---|
| Tri-section pulling plate | TMMS 50 |
| Tri-section pulling plate | 2 x TMMS 100 |
| Tri-section pulling plate | 3 x TMMS 160 |

| | |
|---|---|
| Tri-section pulling plate | 4 x TMMS 260 |

## Recommended tool

| | |
|---|---|
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 50/140 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 50/140X |
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 50/320 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 50/320X |
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 50/570 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 50/570X |
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 30/170 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 30/170X |
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 30/350 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 30/350X |
| Hydraulically-assisted heavy duty jaw puller with Hydraulic pump with large oil container | TMHP 30/600 |
| Hydraulically-assisted heavy duty jaw puller without hydraulic pump | TMHP 30/600X |

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