



## H180N2 Bearing Box TIT Axial Fan Components Fan Spindle Rust Resistance

Our Product Introduction

### Basic Information

- Place of Origin: Shanghai
- Brand Name: YIKU
- Model Number: 1TY0224
- Minimum Order Quantity: 1 piece
- Price: negotiable
- Packaging Details: box
- Delivery Time: 2-3 weeks
- Payment Terms: L/C, T/T
- Supply Ability: 10 units/month



### Product Specification

- Name: Main Shaft
- Model: 1TY0224
- Material: 42CrMo-5
- Weight : 350kg
- Total Length: 1537mm
- Applicable To: 180N2 Bearing Box
- Highlight: **TIT axial fan components,  
axial fan components fan spindle,  
Fan Spindle Rust Resistance**

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## Product Description

H180N2 Bearing box spindle, fan spindle

### 技 要求

#### 1.材料需作如下

- (1)同冶 取 作化学成 分析
- (2)同冶 炉同 理取2%,但不少于 套 作机械性能 ( $\sigma_b, \sigma_s, \delta, \Psi$ )
- (3)同冶 炉同 理取2%,但不少于二套 作冲 ( $\alpha_k$ )
- (4) 一件 定硬度(HB)

#### 2.材料 后,机械性能

- (1) $\sigma_b=700$  N/mm<sup>2</sup>/
- (2) $\sigma_s=500$  N/mm<sup>2</sup>/
- (3) $\delta_5=15$  %
- (4) $\Psi=45$  %
- (5) $\alpha_k=58$ Nm/cm<sup>2</sup>/
- (6)HB=230~260

#### 3.零件需按JB/T1581-85作超声波

#### 4. 修 :

- 1) 主 有裂 ,必 更 .
- 2) 主 径磨 或拉 重,必 要修 .

### Technical requirement

#### 1. The material shall be tested as follows

- (1) Chemical composition analysis of samples taken with smelting
- (2) 2% of the same continuous heat treatment with the smelting furnace, but not less than two sets of samples for mechanical properties tests ( $\sigma_b, \sigma_s, \delta, \Psi$ )
- (3) Take 2% of the same continuous heat treatment with the smelting furnace, but not less than two sets of samples for impact test ( $\alpha_k$ )
- (4) Determine the hardness of each piece (HB)

#### 2. Material after tempering, mechanical properties

- (1)  $\sigma_b=700$  N/mm<sup>2</sup>/
- (2)  $\sigma_s=500$  N/mm<sup>2</sup>/
- (3)  $\delta_5=15$  %
- (4)  $\Psi=45$  %
- (5)  $\alpha_k=58$  nm/cm<sup>2</sup>
- (6) HB=230~260

#### 3. Parts shall be ultrasonic inspected according to JB/T1581-85

#### 4. Found during maintenance:

- 1) The spindle has cracks and must be replaced.
- 2) The main shaft diameter is seriously worn or pulled and must be repaired.



Shanghai YIKU Power Equipment Co., Ltd



8613916002258



657925203@qq.com



[axialfanparts.com](http://axialfanparts.com)

5587 Dongchuan Road, Pudong New Area, Shanghai