

铭客MT1500是一种基于铬镍铜的低碳沉淀硬化马氏体15-5PH不锈钢钢带。其特点是：

MINGKE MT1500 is a kind of low carbon chromium-nickel-copper precipitation hardening martensitic 15-5PH stainless steel belt. It's characterized by:

- 优异的机械性能 Excellent mechanical properties
- 优异的静态强度 Excellent static strength
- 优异的疲劳强度 Excellent fatigue strength
- 良好的耐腐蚀性 Good corrosion resistance
- 极好的耐磨性 Very good wear resistance
- 很好的可修复性 Very good repairability

### 化学成分(公称值)

Chemical Composition (Nominal) %

| 碳 C   | 锰 Mn  | 磷 P   | 硫 S   | 硅 Si  | 铬 Cr  | 镍 Ni      | 铌 Nb      | 铜 Cu      | 铁 Fe |
|-------|-------|-------|-------|-------|-------|-----------|-----------|-----------|------|
| ≤0.07 | ≤1.00 | ≤0.04 | ≤0.03 | ≤1.00 | 15.00 | 3.00-5.00 | 0.15-0.45 | 3.00-5.00 | -    |

### 静态强度

室温下的标准强度(公称数值)

Static Strength

Standard strength at room temperature (nominal values)

| 参量<br>Parameters                                 | 抗拉强度<br>Tensile strength |     | 屈服强度<br>Yield strength |     | 延伸率<br>Elongation | 焊接系数<br>Weld factor | 硬度<br>Hardness |
|--------------------------------------------------|--------------------------|-----|------------------------|-----|-------------------|---------------------|----------------|
|                                                  | Mpa                      | Ksi | Mpa                    | Ksi |                   |                     |                |
| 母材<br>Parent material                            | 1500                     | 218 | 1450                   | 210 | A5(%)             | Rm/Rm               | HV5            |
| 焊接区域(未热处理)<br>Welding area<br>(not heat treated) | 1150                     | 167 | 1100                   | 160 | 7                 | 0.75                | *              |
| 焊接区域(热处理)<br>Welding area<br>(heat treated)      | 1310                     | 190 | 1260                   | 183 | 5                 | 0.85                | *              |

### 供货范围

Scope of Supply

|                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 长度 Length: 可定制 customize available                                                                                                                             |
| 宽度 Width: 1000 / 1200 / 1550 / ... mm                                                                                                                          |
| 厚度 Thickness: 1.2 / 1.6 / 1.8 / 2.0 / 2.3 / 2.7 / 3.0 / 3.5 mm                                                                                                 |
| 提示: 单幅钢带最宽宽度 1550mm, 超过此宽度需要纵向拼接。特殊规格可以定制。<br>Tips: Max. width of a single belt is 1550mm, customized sizes via cutting or longitudinal welding are available. |

\* 本资料中数据具代表性但并不受到绝对保证。数据亦会因材料批次不同而改变。

\* The data in this sheet are typical values, but not guaranteed. The information is subject to changes in different batches of material.