|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **截面力学特性计算** | | 计算单位 |  | |
| 计 算 依 据 | | | 成大先, 机械设计手册, 2008年, 第五版 | |
| **结 构 尺 寸** | | | **简 图** | |
| 宽度, m | mm | **$$001** | $01  $02  x  x  y  y  S  $11  $10  $04  $04  $03  $16  $17  $05 | |
| 高度, n | mm | **$$002** |
| 厚度, c | mm | **$$003** |
| 厚度, d | mm | **$$004** |
| 间距, u | mm | **$$005** |
| **过 程 参 数** | | |
| 尺寸, k = m + c | mm | **$$006** |
| 尺寸, b = n - 2d | mm | **$$007** |
| 尺寸, s = ey1 - c | mm | **$$008** |
| **截 面 积** | | |
| 截面积, A | mm2 | **$$009** |
| **x 轴** | | | | |
| 重心S外边距, ex1 | mm |  | | **$$010** |
| 重心S外边距, ex2 | mm | ex2 = n - ex1 | | **$$011** |
| 惯性矩, Ix | mm4 |  | | **$$012** |
| 抗弯截面系数, Wx1 | mm3 |  | | **$$013** |
| 抗弯截面系数, Wx2 | mm3 |  | | **$$014** |
| 惯性半径, rx | mm |  | | **$$015** |
| **y 轴** | | | | |
| 重心S外边距, ey1 | mm |  | | **$$016** |
| 重心S外边距, ey2 | mm | ey2 = k – ey1 | | **$$017** |
| 惯性矩, Iy | mm4 |  | | **$$018** |
| 抗弯截面系数, Wy1 | mm3 |  | | **$$019** |
| 抗弯截面系数, Wy2 | mm3 |  | | **$$020** |
| 惯性半径, ry | mm |  | | **$$021** |