

【材料】 标准材料尺寸表 1

■ 一般钢材

| 种类 | 材料符号 | 形状 | 单位 | 标准尺寸 |
|--------------|------------------|-----|------------------|---|
| 一般结构用 轧制钢 | SS400 | 扁钢 | t | 6,9,12,13,14,16,19,22,25,28,30,32,35,38,40,45,50,55,60,65,70,75,80,85,90,95,100,105 |
| | | 方钢 | □ | 9,13,16,19,22,25,32,38,44,50,65,75,90,100 |
| 冷轧棒钢 (冷拉) | SS400D | 扁棒 | t | W宽度 |
| | | | 2 | 6,8,10,12,16,20 |
| | | | 3 | 6,8,9,10,12,13,16,19,22,25,32,38,50 |
| | | | 4 | 10,13,16,19,20,22,25,32 |
| | | | 4.5 | 11,13,16,19,22,25,32,38,50 |
| | | | 5 | 8,10,13,16,19,20,22,25,30,32,38,50 |
| | | | 6 | 9,10,13,16,19,20,22,25,32,38,44,50,60,65,75,90,100,125 |
| | | | 8 | 10,12,13,16,19,22,25,30,32,38 |
| | | | 9 | 12,13,16,19,22,25,32,38,44,50,60,65,75,90,100,125 |
| | | | 10 | 13,15,16,20,22,25,30,32,38,40,50,60,65,100 |
| | | | 12 | 16,19,22,32,38,44,45,50,60,65,75,90,100,125 |
| | | | 16 | 19,22,25,32,38,44,50,60,65,75,90,100,125 |
| | | | 19 | 22,25,32,38,44,50,60,65,75,90,100,125 |
| | | | 22 | 25,32,38,44,50,60,65,75,90,100,125 |
| | | | 25 | 32,38,44,50,60,65,75,90,100,125 |
| | | 30 | 50,65,75,100,125 | |
| | | 32 | 50,65,75,100,125 | |
| 38 | 50,65,75,100,125 | | | |
| | | 方钢 | □ | 2,5,3,4,4,5,5,5,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,24,25,28,30,32,34,35,36,38,40,42,44,45,50,55,60,65,70,75,80,85,90,100,110,120,130 |
| | | 六角钢 | 对边H | 3,5,6,7,8,9,10,11,12,13,14,17,19,21,22,23,24,26,27,29,30,32,35,36,38,41,46,50,54,55,58,60,63,65,67,70,71,75,77,80,85,90,95,100,115 |
| | | 圆棒 | D | 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,40,42,43,44,45,46,48,50,55,60,65,70,75,80,85,90,95,100,105,110,115,120,130,140,150,160,170,180,190,200 |
| 冷轧钢板 | SPCC | 钢板 | t | 0.4,0.5,0.6,0.7,0.8,1,1.2,1.6,2,2.3,3.2 |
| 热轧钢板 | SPHC | 钢板 | t | (1.2),1.6,2.3,2.6,3.2,4.5 |
| 机械结构用 碳素钢 | S45C—D (抛光) | 圆棒 | D | 2,2,5,3,3,5,4,4,5,6,7,8,9,9.5,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,32,33,34,35,36,38,40,42,44,45,46,48,50,55,60,65,70,75,80,85,90,95,100,105,110,115,120,125,130 |
| | S50C | 扁钢 | t | 6,9,5,12,7,13,16,19,22,25,27,32,38,45,50,55,65,75,85,95,105,115,125,135,145,155,(165),(175),(185),(205) |
| | | 方钢 | □ | 12,7,13,16,19,25,28,32,38,44,50,55,65,75,90,100,110,120,130,155 |
| 碳素工具钢 | SKS93 | 扁钢 | t | 2,3,4,5,6,7,8,9,10,12,13,16,19,22,25,27,32,38,43,50,53,65,75,90,105,130,155 |
| | SKS93 | 角钢 | □ | 10,13,16,19,22,25,28,32,38,45,50,55,65,75,90,105,130,(155),(210) |
| | SK4—DG8 | 圆棒 | D | 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,24,25,26,28,30,32,36,38,40,42,45,48,50,55,60,65,70,75,80 |
| 合金工具钢 | SKS3 | 扁钢 | t | 2,3,4,5,6,7,8,9,10,12,13,16,19,22,25,27,32,38,43,50,53,65,75,90,105,130,155,(160) |
| | | 方钢 | □ | 10,13,16,19,22,25,28,32,36,38,45,50,55,65,75,90,105,130,(155),(210) |
| | | 圆棒 | D | 13,16,19,22,25,28,32,38,42,46,50,55,60,65,70,80,85,90,100,110,120,130,150,160,180 |
| 铬钼钢 | SCM435 | 六角钢 | 对边H | 6,7,8,9,10,11,12,13,14,17,19,21,22,23,24,26,27,30,32,35,36,38,41,46,50,54,55 |
| | | 圆棒 | D | 4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,30,32,34,35,36,38,40,42,45,46,48,50 |
| 硫/硫合金快削钢 | SUM24L | 圆棒 | D | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,20,22,23,24,25,26,28,30,32,34,35,36,38,40 |
| 高碳素铬轴承钢 | SUJ2 | 圆棒 | D | 13,16,19,22,25,28,(30),32,(34),36,38,42,(44),46,(48),50,55,60,65,70,75,80,85,90,95,100,110,120,130,140,150,(160),(170),(180),(190),(200),(210),(220),(230),(240),(250) |

【材料】 标准材料尺寸表2

■ 不锈钢材料

| 种类 | 材料符号 | 形状 | 单位 | 标准尺寸 |
|------|--------|---|-----|--|
| 奥氏体类 | SUS303 | 圆棒 | D | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,25,26,28,30 |
| 奥氏体类 | SUS304 | 扁钢 | t | 3,4,5,6,8,9,10,12,14,15,16,19,20,22,25,28,30,35,40,45,50,55,60,70 |
| | | 方钢 | □ | 5,6,7,8,9,10,12,13,14,15,16,19,20,22,25,28,30,32,36,38,40,45,50,60 |
| | | 六角钢 | 对边H | 8,10,14,17,19,21,22,23,24,26,29,30,32,35,36,38,41,46 |
| | | 圆钢 | D | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,30,32,34,35,36,38,40,42,45,46,48,50,55,60,65,70,75,80,85,90,95,100,110,120,130,140,150,160,170,180,190,200,210,220,230 |
| 钢板 | t | 0.3,0.4,0.5,0.6,0.8,1,1.2,1.5,2,2.5,3,4,5,6,7,8,9,10,12,15,20 | | |

■ 铜合金材料

| 种类 | 材料符号 | 形状 | 单位 | 标准尺寸 |
|---------------|---------|-----|-----|---|
| 黄铜板 | C2801P | 钢板 | t | 0.1,0.15,0.2,0.3,0.4,0.5,0.8,1,1.2,1.5,1.6,2,2.3,2.5,3,3.5,4,5,6,7,8,9,10,12,15,20,25,30,40,50 |
| 快削黄铜 (挤压棒) | C3604BD | 方钢 | □ | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,30,32,35,36,38,40,42,45,50,55,60,65,70,75,80,85,90,95,100 |
| | | 六角钢 | 对边H | 5,5.5,6,7,8,9,5,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,32,34,35,36,38,40,41,42,44,45,46,50,54,55,58,60,65,70,75,80 |
| | | 圆棒 | D | 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,32,33,34,35,36,38,40,42,45,46,47,48,50,51,52,53,54,55,56,57,58,60,65,70,75,80,85,90,95,100,105,110,115,120,125,130,135,140,145,150,160,170,180,190,200,210,220,230,240,250,270,280,300,320,350 |

■ 铝合金材料

| 种类 | 材料符号 | 形状 | 单位 | 标准尺寸 |
|-------------|-------|----|----|---|
| Al—Cu类合金 | A2017 | 扁钢 | t | 0.5,0.6,0.8,1,1.2,1.5,1.6,2,2.5,3,4,5,6,8,10,12,15,20,25,30,40,45,50,60,70,80,90,100 |
| | | 圆棒 | D | 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,70,75,80,85,90,95,100,105,110,115,120,125,130,135,140,150,160,170,180,190,200,210,220,230,240,250,260,280,300 |
| Al—Mg类合金 | A5052 | 扁钢 | t | 0.4,0.5,0.6,0.7,0.8,1,1.2,1.5,1.6,2,3,3.2,4,5,6,7,8,10,12,15,16,18,20,22,25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100,105,110,120,130,150,160,170,180,200 |
| Al—Mg类合金 | A5056 | 圆棒 | D | 5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,70,75,80,85,90,95,100,105,110,115,120,125,130,135,140,150,160,170,180,190,200,210,220,230,240,250,260,270,280,290,300,310,320,330,340,350,360,370,380,390,400,420 |
| Al—Mg—Si类合金 | A6063 | 方钢 | □ | 6,8,10,12,14,15,16,18,19,20,22,25,30,32,35,40,45,50,60,70,80,100 |

■ 树脂类材料

| 种类 | 材料符号 | 形状 | 单位 | 标准尺寸 |
|------------|----------|----|----|---|
| 多层板 | 胶木 | 板 | t | (0.5),(0.6),0.8,1,1.2,1.5,1.6,2,2.5,3,4,5,6,8,10,12,15,16,20,25,30,35,40,50 ()内仅为布板 |
| 聚酰胺树脂 | 尼龙6·66 | 板 | t | 5,10,15,20,25,30,40,50 |
| | | 棒 | D | 6,8,10,15,20,25,30,35,40,45,50,55,60,65,70,75,80,90,100,120,140,160,180,200 |
| MC尼龙 | MC尼龙 | 板 | t | 5,7,10,12,15,20,25,30,35,40,45,50,60,70,80,90,100,110,120 |
| | | 棒 | D | 20,25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100,110,120,130,140,150,160,170,180,190,200,225,250,275,300,325,350,375,400,450,500,600 |
| 聚缩醛(POM)树脂 | 聚缩醛(POM) | 板 | t | 5,6,8,10,12,15,20,25,30,35,40,50,60,70,80,90,100 |
| | | 棒 | D | 4,5,6,7,8,9,10,12,12.5,13,15,16,17,5,20,22,5,25,30,35,40,45,50,55,60,65,70,75,80,85,90,100,110,120,(130),(140),(150),(160),(180),200 |
| 一般用异丁烯树脂板 | 丙烯 | 板 | t | 0.8,1,1.5,2,3,4,5,6,8,10,15,20,25,30 |