

HOTWELD放热焊接图例及索引

导线与导线焊接系列 (Cable-Cable)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|-------|----|------------------|------|----|------------------|-------|----|---------------------------|
| HCC1 | | P49 导线/圆钢对接 | HCC2 | | P49 导线/圆钢T接 | HCC4 | | P50 导线/圆钢十接 (水平切断) |
| HCC6 | | P51 导线/圆钢立体T接 | HCC7 | | P51 导线/圆钢立体并接 | HCC11 | | P52 导线/圆钢十接 (搭接不切断) |
| HCC14 | | P52 导线/圆钢平行并接 | | | | | | |

导线与接地棒焊接系列 (Cable-Rod)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|------|----|-------------------------|------|----|-------------------------|------|----|-----------------------------------|
| HCR1 | | P53 导线/圆钢单点 焊接接地棒 | HCR2 | | P54 导线/圆钢贯穿 焊接接地棒 | HCR3 | | P55 导线/圆钢贯穿 焊接接地棒 (侧面搭接) |

扁带与扁带焊接系列 (Belt-Belt)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|-----------------------|----|--|-------|----|---------------------------|-------|----|------------------|
| HBB1 HBB2 HBB11 | | P56 扁铜/扁钢立体对接 扁铜/扁钢立体T接 扁铜/扁钢立体十接 | HBB3 | | P56 扁铜/扁钢立体T接 | HBB7 | | P57 扁铜/扁钢水平对接 |
| HBB14 | | P57 扁铜/扁钢水平T接 | HBB41 | | P58 扁铜/扁钢水平十接 (非全包) | HBB44 | | P58 扁铜/扁钢水平十接 |

扁带与接地棒焊接系列 (Belt-Rod)

| 产品系列 | 图例 | 页码 | 产品系列 | 图例 | 页码 | 产品系列 | 图例 | 页码 |
|------|----|-------------------------|------|----|-----------------------------------|------|----|-----------------------------------|
| HBR1 | | P59 扁铜/扁钢单点 焊接接地棒 | HBR2 | | P60 扁铜/扁钢贯穿 焊接接地棒 (扁排立放) | HBR3 | | P61 扁铜/扁钢贯穿 焊接接地棒 (扁排平放) |

扁带与钢板 (平面) 焊接系列 (Belt-Surface)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|------|----|--------------------------|------|----|--------------------------|------|----|--------------------------|
| HBS1 | | P62 扁铜/扁钢立体单点 焊接平面 | HBS2 | | P62 扁铜/扁钢水平单点 焊接平面 | HBS3 | | P62 扁铜/扁钢水平贯穿 焊接平面 |

导线与扁带焊接系列 (Cable-Belt)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|------|----|--------------------------|------|----|------------------------------------|------|----|------------------------------------|
| HCB1 | ★ | P63 导线/圆钢与扁钢/ 扁钢对接 | HCB4 | ★ | P64 导线/圆钢与扁钢/ 扁钢T接 (前者垂足) | HCB5 | ★ | P65 导线/圆钢与扁钢/ 扁钢T接 (后者垂足) |

导线与钢筋焊接系列 (Cable-Rebar)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|-------|----|------------------------------|-------|----|---------------------------|--------|----|---------------------------|
| HCRE1 | | P66 导线/圆钢与钢筋 单点焊接 | HCRE3 | | P66 导线/圆钢与钢筋 横向贯穿焊接 | HCRE17 | | P66 导线/圆钢与钢筋 纵向贯穿焊接 |
| HCRE2 | ★ | P67 导线/圆钢与钢筋 T接 (前者垂足) | | | | | | |

导线与平面/管焊接系列 (Cable-Surface/Pipe)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|-------|----|------------------------------------|-------|----|--------------------------------------|-------|----|-------------------------------------|
| HCS1 | ★ | P68 导线/圆钢水平 单点焊接钢板 | HCS2 | | P68 导线/圆钢水平 贯穿焊接钢板 (导线不贴钢板) | HCS3 | | P68 导线/圆钢立体 斜向焊接钢板 (导线斜向下) |
| HCS7 | | P69 导线/圆钢立体 垂直焊接钢板 (导线向上) | HCS9 | | P69 导线/圆钢水平 贯穿焊接钢板 (导线紧贴钢板) | HCS25 | ★ | P69 导线/圆钢立体 垂直焊接钢板 (导线向下) |
| HCS27 | | P70 导线/圆钢立体 贯穿焊接钢板 | HCS32 | ★ | P70 导线/圆钢单点 焊接钢/钢管 | HCS34 | | P71 导线/圆钢贯穿 焊接钢/钢管 |

导线与钢轨焊接系列 (Rail-Cable)

| 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 | 产品系列 | 图例 | 页码及注释 |
|------|----|----------------------------------|------|----|--------------------------------|------|----|-----------------------|
| HR12 | | P71 导线与钢轨 跨接线焊接 | HR4 | ★ | P72 导线单点 焊接钢轨腰部 (回流线) | HR6 | | P72 导线单点 焊接钢轨底部 |
| HR8 | | P72 导线/圆钢焊接 钢轨腰部 (前者垂直) | | | | | | |

带有★为常用焊接型号。

焊接类型种类众多，如您的需求以上表格中没有，请提供具体描述或草图，进行个性化定制。

HOTWELD放热焊接选型表

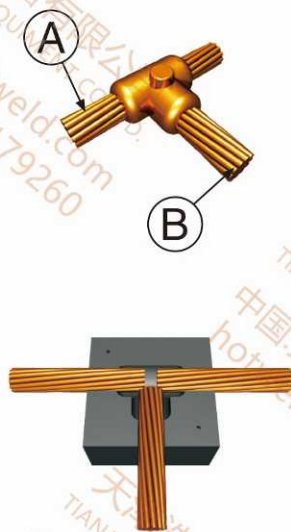
HCC1



| ① mm×mm | | | |
|------------|---------|---------------|----------|
| 16 | HW-30# | CC1-4-16/16 | MJ-58×4S |
| 25 | HW-30# | CC1-4-25/25 | MJ-58×4S |
| 35 | HW-45# | CC1-4-35/35 | MJ-58×4S |
| 50 | HW-65# | CC1-4-50/50 | MJ-58×4S |
| Φ8mm | HW-65# | CC1-4-D8/D8 | MJ-58×4S |
| 70 | HW-90# | CC1-4-70/70 | MJ-58×4S |
| Φ10mm | HW-90# | CC1-4-D10/D10 | MJ-58×4S |
| Φ12mm | HW-90# | CC1-4-D12/D12 | MJ-58×4S |
| 95 | HW-115# | CC1-4-95/95 | MJ-58×4S |
| 120(Φ14) | HW-115# | CC1-4-120/120 | MJ-58×4S |
| 150(Φ16) | HW-150# | CC1-4-150/150 | MJ-58×4S |
| 185 | HW-150# | CC1-4-185/185 | MJ-58×4S |
| 240 | HW-250# | CC1-5-240/240 | MJ-58×4S |
| 300 | HW-250# | CC1-5-300/300 | MJ-58×4S |
| 400 | HW-300# | CC1-5-400/400 | MJ-58×4S |




截面50mm²以下的导线可在导流槽中心对齐截面焊接,如果导线截面超过50mm²,则对齐界面之间需保留3mm的间隙。

HCC2

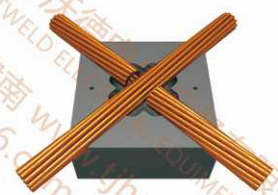
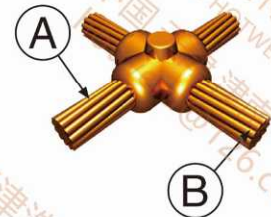


| ① mm×mm | ② mm×mm | | | |
|------------|------------|---------|---------------|---------|
| 16 | 16 | HW-45# | CC2-4-16/16 | MJ-58×4 |
| 25 | 25 | HW-45# | CC2-4-25/25 | MJ-58×4 |
| 35 | 35 | HW-65# | CC2-4-35/35 | MJ-58×4 |
| 35 | 25 | HW-65# | CC2-4-35/25 | MJ-58×4 |
| Φ8mm | Φ8mm | HW-65# | CC2-4-D8/D8 | MJ-58×4 |
| 50 | 50 | HW-90# | CC2-4-50/50 | MJ-58×4 |
| 50 | 35 | HW-65# | CC2-4-50/35 | MJ-58×4 |
| 50 | 25 | HW-65# | CC2-4-50/25 | MJ-58×4 |
| Φ10mm | Φ10mm | HW-90# | CC2-4-D10/D10 | MJ-58×4 |
| 70 | 70 | HW-90# | CC2-4-70/70 | MJ-58×4 |
| 70 | 50 | HW-90# | CC2-4-70/50 | MJ-58×4 |
| 70 | 35 | HW-90# | CC2-4-70/35 | MJ-58×4 |
| 70 | 25 | HW-90# | CC2-4-70/25 | MJ-58×4 |
| 95 | 95 | HW-115# | CC2-4-95/95 | MJ-58×4 |
| 95 | 70 | HW-115# | CC2-4-95/70 | MJ-58×4 |
| 95 | 50 | HW-115# | CC2-4-95/50 | MJ-58×4 |
| 95 | 35 | HW-115# | CC2-4-95/35 | MJ-58×4 |
| 120 | 120 | HW-150# | CC2-4-120/120 | MJ-58×4 |
| 120 | 95 | HW-150# | CC2-4-120/95 | MJ-58×4 |
| 120 | 70 | HW-150# | CC2-4-120/70 | MJ-58×4 |
| 120 | 50 | HW-150# | CC2-4-120/50 | MJ-58×4 |
| 150 | 150 | HW-200# | CC2-4-150/150 | MJ-58×4 |
| 150 | 120 | HW-200# | CC2-4-150/120 | MJ-58×4 |
| 150 | 95 | HW-200# | CC2-4-150/95 | MJ-58×4 |
| 150 | 70 | HW-200# | CC2-4-150/70 | MJ-58×4 |
| 185 | 185 | HW-200# | CC2-4-185/185 | MJ-58×4 |
| 185 | 150 | HW-200# | CC2-4-185/150 | MJ-58×4 |
| 185 | 120 | HW-200# | CC2-4-185/120 | MJ-58×4 |
| 185 | 95 | HW-200# | CC2-4-185/95 | MJ-58×4 |
| 240 | 240 | HW-250# | CC2-5-240/240 | MJ-58×4 |
| 240 | 185 | HW-250# | CC2-5-240/185 | MJ-58×4 |
| 240 | 150 | HW-250# | CC2-5-240/150 | MJ-58×4 |
| 240 | 120 | HW-250# | CC2-5-240/120 | MJ-58×4 |
| 300 | 300 | HW-300# | CC2-6-300/300 | MJ-58×4 |
| 300 | 240 | HW-300# | CC2-6-300/240 | MJ-58×4 |
| 300 | 185 | HW-300# | CC2-6-300/185 | MJ-58×4 |

截面50mm²以下的导线可在导流槽中心对齐截面焊接,如果导线截面超过50mm²,则对齐界面之间需保留3mm的间隙。

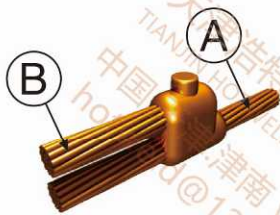
| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| 16 | 16 | HW-65# | CC4-4-16/16 | MJ-58×4 |
| 25 | 25 | HW-65# | CC4-4-25/25 | MJ-58×4 |
| 35 | 35 | HW-90# | CC4-4-35/35 | MJ-58×4 |
| 35 | 25 | HW-90# | CC4-4-35/25 | MJ-58×4 |
| Φ8mm | Φ8mm | HW-90# | CC4-4-D8/D8 | MJ-58×4 |
| 50 | 50 | HW-90# | CC4-4-50/50 | MJ-58×4 |
| 50 | 35 | HW-90# | CC4-4-50/35 | MJ-58×4 |
| 50 | 25 | HW-90# | CC4-4-50/25 | MJ-58×4 |
| Φ10mm | Φ10mm | HW-115# | CC4-4-D10/D10 | MJ-58×4 |
| 70 | 70 | HW-150# | CC4-4-70/70 | MJ-58×4 |
| 70 | 50 | HW-115# | CC4-4-70/50 | MJ-58×4 |
| 70 | 35 | HW-115# | CC4-4-70/35 | MJ-58×4 |
| 70 | 25 | HW-115# | CC4-4-70/25 | MJ-58×4 |
| 95 | 95 | HW-150# | CC4-4-95/95 | MJ-58×4 |
| 95 | 70 | HW-150# | CC4-4-95/70 | MJ-58×4 |
| 95 | 50 | HW-150# | CC4-4-95/50 | MJ-58×4 |
| 95 | 35 | HW-150# | CC4-4-95/35 | MJ-58×4 |
| 120 | 120 | HW-200# | CC4-4-120/120 | MJ-58×4 |
| 120 | 95 | HW-200# | CC4-4-120/95 | MJ-58×4 |
| 120 | 70 | HW-200# | CC4-4-120/70 | MJ-58×4 |
| 120 | 50 | HW-200# | CC4-4-120/50 | MJ-58×4 |
| 150 | 150 | HW-250# | CC4-5-150/150 | MJ-58×4 |
| 150 | 120 | HW-250# | CC4-5-150/120 | MJ-58×4 |
| 150 | 95 | HW-200# | CC4-4-150/95 | MJ-58×4 |
| 150 | 70 | HW-200# | CC4-4-150/70 | MJ-58×4 |
| 185 | 185 | HW-300# | CC4-5-185/185 | MJ-58×4 |
| 185 | 150 | HW-250# | CC4-5-185/150 | MJ-58×4 |
| 185 | 120 | HW-250# | CC4-5-185/120 | MJ-58×4 |
| 185 | 95 | HW-250# | CC4-5-185/95 | MJ-58×4 |
| 185 | 70 | HW-250# | CC4-5-185/70 | MJ-58×4 |
| 240 | 240 | 2×HW-200# | CC4-6-240/240 | MJ-58×4 |
| 240 | 185 | 2×HW-200# | CC4-6-240/185 | MJ-58×4 |
| 240 | 150 | 2×HW-200# | CC4-6-240/150 | MJ-58×4 |
| 240 | 120 | HW-300# | CC4-5-240/120 | MJ-58×4 |
| 300 | 300 | 2×HW-250# | CC4-7-300/300 | MJ-58×4 |
| 300 | 240 | 2×HW-250# | CC4-7-300/240 | MJ-58×4 |
| 300 | 185 | 2×HW-200# | CC4-6-300/185 | MJ-58×4 |
| 300 | 150 | 2×HW-200# | CC4-6-300/150 | MJ-58×4 |
| 300 | 120 | 2×HW-200# | CC4-6-300/120 | MJ-58×4 |

HCC4



截面50mm²以下的导线可在导流槽中心对齐截面焊接,如果导线截面超过50mm²,则对齐界面之间需保留3mm的间隙。

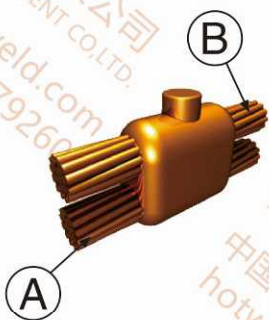
HCC6



| Ⓐ mm×mm | Ⓑ mm×mm | | | |
|------------|------------|---------|---------------|---------|
| 50 | 50 | HW-90# | CC6-5-50/50 | MJ-58×4 |
| 50 | 35 | HW-90# | CC6-5-50/35 | MJ-58×4 |
| 50 | 25 | HW-90# | CC6-5-50/25 | MJ-58×4 |
| 70 | 70 | HW-115# | CC6-5-70/70 | MJ-58×4 |
| 70 | 50 | HW-115# | CC6-5-70/50 | MJ-58×4 |
| 70 | 35 | HW-90# | CC6-5-70/35 | MJ-58×4 |
| 70 | 25 | HW-90# | CC6-5-70/25 | MJ-58×4 |
| 95 | 95 | HW-150# | CC6-5-95/95 | MJ-58×4 |
| 95 | 70 | HW-115# | CC6-5-95/70 | MJ-58×4 |
| 95 | 50 | HW-115# | CC6-5-95/50 | MJ-58×4 |
| 95 | 35 | HW-115# | CC6-5-95/35 | MJ-58×4 |
| 120 | 120 | HW-200# | CC6-5-120/120 | MJ-58×4 |
| 120 | 95 | HW-200# | CC6-5-120/95 | MJ-58×4 |
| 120 | 70 | HW-150# | CC6-5-120/70 | MJ-58×4 |
| 120 | 50 | HW-150# | CC6-5-120/50 | MJ-58×4 |



将副线(B线)端头伸入模具引流槽中心，主线(A线)不必切断。

HCC7



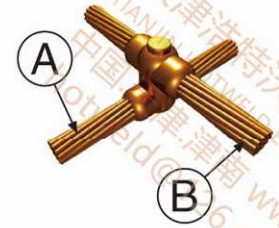
| Ⓐ mm×mm | Ⓑ mm×mm | | | |
|------------|------------|-----------|---------------|-----------|
| Φ8mm | Φ8mm | HW-90# | CC7-5-D8/D8 | MJ-58×4SS |
| 50 | 50 | HW-90# | CC7-5-50/50 | MJ-58×4SS |
| Φ10mm | Φ10mm | HW-115# | CC7-5-D10/D10 | MJ-58×4SS |
| 70 | 70 | HW-115# | CC7-5-70/70 | MJ-58×4SS |
| 70 | 50 | HW-115# | CC7-5-70/50 | MJ-58×4SS |
| 95 | 95 | HW-150# | CC7-5-95/95 | MJ-58×4SS |
| 95 | 70 | HW-150# | CC7-4-95/70 | MJ-58×4SS |
| 95 | 50 | HW-115# | CC7-4-95/50 | MJ-58×4SS |
| 120 | 120 | HW-200# | CC7-4-120/120 | MJ-58×4SS |
| 120 | 95 | HW-200# | CC7-4-120/95 | MJ-58×4SS |
| 120 | 70 | HW-150# | CC7-4-120/70 | MJ-58×4SS |
| 120 | 50 | HW-150# | CC7-4-120/50 | MJ-58×4SS |
| 150 | 150 | HW-300# | CC7-5-150/150 | MJ-58×4SS |
| 150 | 120 | HW-250# | CC7-5-150/120 | MJ-58×4SS |
| 150 | 95 | HW-250# | CC7-5-150/95 | MJ-58×4SS |
| 150 | 70 | HW-200# | CC7-4-150/70 | MJ-58×4SS |
| 185 | 185 | HW-300# | CC7-5-185/185 | MJ-58×4SS |
| 185 | 150 | HW-300# | CC7-5-185/150 | MJ-58×4SS |
| 185 | 120 | HW-250# | CC7-5-185/120 | MJ-58×4SS |
| 185 | 95 | HW-250# | CC7-5-185/95 | MJ-58×4SS |
| 240 | 240 | 2×HW-200# | CC7-6-240/240 | MJ-58×4SS |
| 240 | 185 | HW-300# | CC7-6-240/185 | MJ-58×4SS |
| 240 | 150 | HW-300# | CC7-6-240/150 | MJ-58×4SS |
| 240 | 120 | HW-250# | CC7-5-240/120 | MJ-58×4SS |




导线截面积大于或等于150mm²，则将上导线(B线)切断，并保留4-5mm的间隙。

| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| Φ8mm | Φ8mm | HW-150# | CC11-7-D8/D8 | MJ-76×4 |
| Φ10mm | Φ10mm | HW-150# | CC11-7-D10/D10 | MJ-76×4 |
| 50 | 50 | HW-150# | CC11-7-50/50 | MJ-76×4 |
| 70 | 70 | HW-200# | CC11-7-70/70 | MJ-76×4 |
| 95 | 95 | HW-250# | CC11-8-95/95 | MJ-76×4 |
| 120 | 120 | HW-300# | CC11-8-120/120 | MJ-76×4 |
| 150 | 150 | 2×HW-200# | CC11-9-150/150 | MJ-76×4 |
| 185 | 185 | 2×HW-250# | CC11-9-185/185 | MJ-76×4 |
| 240 | 240 | 3×HW-250# | CC11-10-240/240 | MJ-76×4 |

导线无需切断。

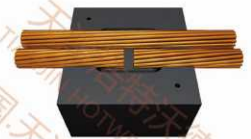
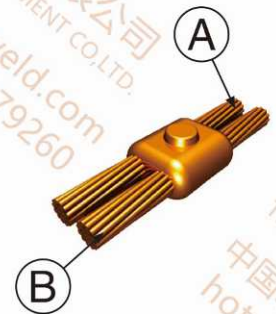
HCC11



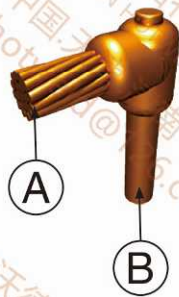
| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|--|--|---|
| 16 | 16 | HW-45# | CC14-5-16/16 | MJ-58×4 |
| 25 | 25 | HW-65# | CC14-5-25/25 | MJ-58×4 |
| 35 | 35 | HW-90# | CC14-5-35/35 | MJ-58×4 |
| 35 | 25 | HW-90# | CC14-5-35/25 | MJ-58×4 |
| Φ8mm | Φ8mm | HW-115# | CC14-5-D8/D8 | MJ-58×4 |
| 50 | 50 | HW-115# | CC14-5-50/50 | MJ-58×4 |
| 50 | 35 | HW-115# | CC14-5-50/35 | MJ-58×4 |
| 50 | 25 | HW-90# | CC14-5-50/25 | MJ-58×4 |
| Φ10mm | Φ10mm | HW-115# | CC14-5-D10/D10 | MJ-58×4 |
| 70 | 70 | HW-150# | CC14-5-70/70 | MJ-58×4 |
| 70 | 50 | HW-150# | CC14-5-70/50 | MJ-58×4 |
| 70 | 35 | HW-115# | CC14-5-70/35 | MJ-58×4 |
| 70 | 25 | HW-115# | CC14-5-70/25 | MJ-58×4 |
| 95 | 95 | HW-150# | CC14-5-95/95 | MJ-58×4 |
| 95 | 70 | HW-150# | CC14-5-95/70 | MJ-58×4 |
| 95 | 50 | HW-150# | CC14-5-95/50 | MJ-58×4 |
| 95 | 35 | HW-115# | CC14-5-95/35 | MJ-58×4 |
| 120 | 120 | HW-200# | CC14-5-120/120 | MJ-58×4 |
| 120 | 95 | HW-200# | CC14-5-120/95 | MJ-58×4 |
| 120 | 70 | HW-200# | CC14-5-120/70 | MJ-58×4 |
| 120 | 50 | HW-150# | CC14-5-120/50 | MJ-58×4 |
| 150 | 150 | HW-300# | CC14-6-150/150 | MJ-58×4 |
| 150 | 120 | HW-250# | CC14-6-150/120 | MJ-58×4 |
| 150 | 95 | HW-200# | CC14-5-150/95 | MJ-58×4 |
| 150 | 70 | HW-200# | CC14-5-150/70 | MJ-58×4 |
| 185 | 185 | HW-300# | CC14-6-185/185 | MJ-58×4 |
| 185 | 150 | HW-300# | CC14-6-185/150 | MJ-58×4 |
| 185 | 120 | HW-250# | CC14-6-185/120 | MJ-58×4 |

导线无需切断。

HCC14






HCR1

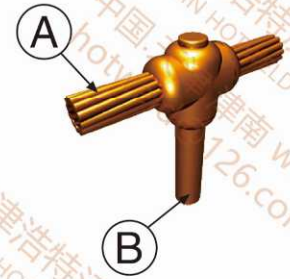


| (A) mm×mm | (B) mm×mm | | | |
|--------------|--------------|---------|-----------------|----------|
| 35 | 12.7 | HW-90# | CR1-4-35/D12.7 | MJ-58×4S |
| 50 | 12.7 | HW-90# | CR1-4-50/D12.7 | MJ-58×4S |
| Φ10mm | 12.7 | HW-90# | CR1-4-D10/D12.7 | MJ-58×4S |
| 70 | 12.7 | HW-90# | CR1-4-70/D12.7 | MJ-58×4S |
| 95 | 12.7 | HW-115# | CR1-4-95/D12.7 | MJ-58×4S |
| 120 | 12.7 | HW-115# | CR1-4-120/D12.7 | MJ-58×4S |
| 35 | 14.2 | HW-115# | CR1-4-35/D14.2 | MJ-58×4S |
| 50 | 14.2 | HW-115# | CR1-4-50/D14.2 | MJ-58×4S |
| Φ10mm | 14.2 | HW-115# | CR1-4-D10/D14.2 | MJ-58×4S |
| 70 | 14.2 | HW-115# | CR1-4-70/D14.2 | MJ-58×4S |
| 95 | 14.2 | HW-115# | CR1-4-95/D14.2 | MJ-58×4S |
| 120 | 14.2 | HW-115# | CR1-4-120/D14.2 | MJ-58×4S |
| 150 | 14.2 | HW-150# | CR1-4-150/D14.2 | MJ-58×4S |
| 185 | 14.2 | HW-200# | CR1-4-185/D14.2 | MJ-58×4S |
| 50 | 17.2 | HW-115# | CR1-4-50/D17.2 | MJ-58×4S |
| Φ10mm | 17.2 | HW-115# | CR1-4-D10/D17.2 | MJ-58×4S |
| 70 | 17.2 | HW-150# | CR1-4-70/D17.2 | MJ-58×4S |
| 95 | 17.2 | HW-150# | CR1-4-95/D17.2 | MJ-58×4S |
| 120 | 17.2 | HW-150# | CR1-4-120/D17.2 | MJ-58×4S |
| 150 | 17.2 | HW-200# | CR1-4-150/D17.2 | MJ-58×4S |
| 185 | 17.2 | HW-200# | CR1-4-185/D17.2 | MJ-58×4S |
| Φ10mm | 18 | HW-115# | CR1-4-D10/D18 | MJ-58×4S |
| 70 | 18 | HW-115# | CR1-4-70/D18 | MJ-58×4S |
| 95 | 18 | HW-150# | CR1-4-95/D18 | MJ-58×4S |
| 120 | 18 | HW-200# | CR1-4-120/D18 | MJ-58×4S |
| 150 | 18 | HW-200# | CR1-4-150/D18 | MJ-58×4S |
| 185 | 18 | HW-250# | CR1-5-185/D18 | MJ-58×4S |
| 70 | 20 | HW-150# | CR1-4-70/D20 | MJ-58×4S |
| 95 | 20 | HW-200# | CR1-4-95/D20 | MJ-58×4S |
| 120 | 20 | HW-200# | CR1-4-120/D20 | MJ-58×4S |
| 150 | 20 | HW-250# | CR1-5-150/D20 | MJ-58×4S |
| 185 | 20 | HW-250# | CR1-5-185/D20 | MJ-58×4S |
| 95 | 22 | HW-250# | CR1-5-95/D22 | MJ-58×4S |
| 120 | 22 | HW-250# | CR1-5-120/D22 | MJ-58×4S |
| 150 | 22 | HW-250# | CR1-5-150/D22 | MJ-58×4S |
| 185 | 22 | HW-250# | CR1-5-185/D22 | MJ-58×4S |
| 120 | 25 | HW-250# | CR1-5-120/D25 | MJ-58×4S |
| 150 | 25 | HW-250# | CR1-5-150/D25 | MJ-58×4S |
| 185 | 25 | HW-300# | CR1-5-185/D25 | MJ-58×4S |

将导线端面与接地棒顶部接触，导线的端面与导流槽中心对齐，导线和接地棒应使用C型辅助夹具固定。

| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| 35 | 12.7 | HW-90# | CR2-4-35/D12.7 | MJ-58×4S |
| 50 | 12.7 | HW-90# | CR2-4-50/D12.7 | MJ-58×4S |
| Φ10mm | 12.7 | HW-90# | CR2-4-D10/D12.7 | MJ-58×4S |
| 70 | 12.7 | HW-90# | CR2-4-70/D12.7 | MJ-58×4S |
| 95 | 12.7 | HW-115# | CR2-4-95/D12.7 | MJ-58×4S |
| 120 | 12.7 | HW-150# | CR2-4-120/D12.7 | MJ-58×4S |
| 35 | 14.2 | HW-90# | CR2-4-35/D14.2 | MJ-58×4S |
| 50 | 14.2 | HW-90# | CR2-4-50/D14.2 | MJ-58×4S |
| Φ10mm | 14.2 | HW-115# | CR2-4-D10/D14.2 | MJ-58×4S |
| 70 | 14.2 | HW-150# | CR2-4-70/D14.2 | MJ-58×4S |
| 95 | 14.2 | HW-150# | CR2-4-95/D14.2 | MJ-58×4S |
| 120 | 14.2 | HW-150# | CR2-4-120/D14.2 | MJ-58×4S |
| 150 | 14.2 | HW-200# | CR2-4-150/D14.2 | MJ-58×4S |
| 185 | 14.2 | HW-200# | CR2-4-185/D14.2 | MJ-58×4S |
| 50 | 17.2 | HW-115# | CR2-4-50/D17.2 | MJ-58×4S |
| Φ10mm | 17.2 | HW-115# | CR2-4-D10/D17.2 | MJ-58×4S |
| 70 | 17.2 | HW-150# | CR2-4-70/D17.2 | MJ-58×4S |
| 95 | 17.2 | HW-150# | CR2-4-95/D17.2 | MJ-58×4S |
| 120 | 17.2 | HW-150# | CR2-4-120/D17.2 | MJ-58×4S |
| 150 | 17.2 | HW-200# | CR2-4-150/D17.2 | MJ-58×4S |
| 185 | 17.2 | HW-200# | CR2-4-185/D17.2 | MJ-58×4S |
| Φ10mm | 18 | HW-115# | CR2-4-D10/D18 | MJ-58×4S |
| 70 | 18 | HW-150# | CR2-4-70/D18 | MJ-58×4S |
| 95 | 18 | HW-150# | CR2-4-95/D18 | MJ-58×4S |
| 120 | 18 | HW-200# | CR2-4-120/D18 | MJ-58×4S |
| 150 | 18 | HW-200# | CR2-4-150/D18 | MJ-58×4S |
| 185 | 18 | HW-250# | CR2-5-185/D18 | MJ-58×4S |
| 70 | 20 | HW-150# | CR2-4-70/D20 | MJ-58×4S |
| 95 | 20 | HW-200# | CR2-4-95/D20 | MJ-58×4S |
| 120 | 20 | HW-200# | CR2-4-120/D20 | MJ-58×4S |
| 150 | 20 | HW-250# | CR2-5-150/D20 | MJ-58×4S |
| 185 | 20 | HW-250# | CR2-5-185/D20 | MJ-58×4S |
| 95 | 22 | HW-250# | CR2-5-95/D22 | MJ-58×4S |
| 120 | 22 | HW-250# | CR2-5-120/D22 | MJ-58×4S |
| 150 | 22 | HW-250# | CR2-5-150/D22 | MJ-58×4S |
| 185 | 22 | HW-250# | CR2-5-185/D22 | MJ-58×4S |
| 120 | 25 | HW-250# | CR2-5-120/D25 | MJ-58×4S |
| 150 | 25 | HW-250# | CR2-5-150/D25 | MJ-58×4S |
| 185 | 25 | HW-300# | CR2-5-185/D25 | MJ-58×4S |

HCR2






将导线端头截面与接地棒顶部接触，导线的截面与导流槽中心对齐，导线和接地棒应使用C型辅助夹具固定。

HCR3

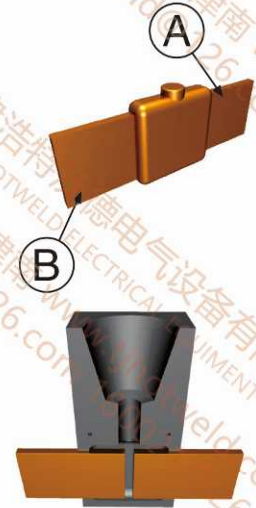


| (A) mm×mm | (B) mm×mm | | | |
|--------------|--------------|--------------|------------------|----------|
| 35 | 12.7 | HW-115# | CR3-9-35/D12.7 | MJ-58×4S |
| 50 | 12.7 | HW-150# | CR3-9-50/D12.7 | MJ-58×4S |
| Φ10mm | 12.7 | HW-150# | CR3-9-D10/D12.7 | MJ-58×4S |
| 70 | 12.7 | HW-150# | CR3-9-70/D12.7 | MJ-58×4S |
| 95 | 12.7 | HW-200# | CR3-9-95/D12.7 | MJ-58×4S |
| 120 | 12.7 | HW-200# | CR3-9-120/D12.7 | MJ-58×4S |
| 35 | 14.2 | HW-150# | CR3-9-35/D14.2 | MJ-58×4S |
| 50 | 14.2 | HW-150# | CR3-9-50/D14.2 | MJ-58×4S |
| Φ10mm | 14.2 | HW-200# | CR3-9-D10/D14.2 | MJ-58×4S |
| 70 | 14.2 | HW-200# | CR3-9-70/D14.2 | MJ-58×4S |
| 95 | 14.2 | HW-250# | CR3-10-95/D14.2 | MJ-58×4S |
| 120 | 14.2 | HW-250# | CR3-10-120/D14.2 | MJ-58×4S |
| 150 | 14.2 | HW-300# | CR3-10-150/D14.2 | MJ-58×4S |
| 185 | 14.2 | HW-250# | CR3-10-185/D14.2 | MJ-58×4S |
| 50 | 17.2 | HW-200# | CR3-9-50/D17.2 | MJ-58×4S |
| Φ10mm | 17.2 | HW-200# | CR3-9-D10/D17.2 | MJ-58×4S |
| 70 | 17.2 | HW-250# | CR3-10-70/D17.2 | MJ-58×4S |
| 95 | 17.2 | HW-250# | CR3-10-95/D17.2 | MJ-58×4S |
| 120 | 17.2 | HW-250# | CR3-10-120/D17.2 | MJ-58×4S |
| 150 | 17.2 | HW-300# | CR3-10-150/D17.2 | MJ-58×4S |
| 185 | 17.2 | HW-300# | CR3-10-185/D17.2 | MJ-58×4S |
| Φ10mm | 18 | HW-200# | CR3-9-D10/D18 | MJ-58×4S |
| 70 | 18 | HW-250# | CR3-10-70/D18 | MJ-58×4S |
| 95 | 18 | HW-250# | CR3-10-95/D18 | MJ-58×4S |
| 120 | 18 | HW-300# | CR3-10-120/D18 | MJ-58×4S |
| 150 | 18 | HW-300# | CR3-10-150/D18 | MJ-58×4S |
| 185 | 18 | HW-300# | CR3-10-185/D18 | MJ-58×4S |
| 70 | 20 | HW-200# | CR3-9-70/D20 | MJ-58×4S |
| 95 | 20 | HW-250# | CR3-10-95/D20 | MJ-58×4S |
| 120 | 20 | HW-300# | CR3-10-120/D20 | MJ-58×4S |
| 150 | 20 | HW-200#+150# | CR3-11-150/D20 | MJ-58×4S |
| 185 | 20 | 2×HW-200# | CR3-11-185/D20 | MJ-58×4S |
| 95 | 22 | HW-300# | CR3-10-95/D22 | MJ-58×4S |
| 120 | 22 | HW-300# | CR3-10-120/D22 | MJ-58×4S |
| 150 | 22 | HW-200#+150# | CR3-11-150/D22 | MJ-58×4S |
| 185 | 22 | 2×HW-200# | CR3-11-185/D22 | MJ-58×4S |
| 120 | 25 | HW-200#+150# | CR3-11-120/D25 | MJ-58×4S |
| 150 | 25 | 2×HW-200# | CR3-11-150/D25 | MJ-58×4S |
| 185 | 25 | 2×HW-200# | CR3-11-185/D25 | MJ-58×4S |




将导线端头截面与接地棒顶部接触，导线的截面与导流槽中心对齐，导线和接地棒应使用C型辅助夹具固定。

| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| 20×4 | 20×4 | HW-65# | BB1-4-204/204 | MJ-58×4S |
| 20×5 | 20×5 | HW-65# | BB1-4-205/205 | MJ-58×4S |
| 25×4 | 25×4 | HW-90# | BB1-4-254/254 | MJ-58×4S |
| 30×3 | 30×3 | HW-90# | BB1-4-303/303 | MJ-58×4S |
| 30×4 | 30×4 | HW-115# | BB1-4-304/304 | MJ-58×4S |
| 40×3 | 40×3 | HW-115# | BB1-4-403/403 | MJ-58×4S |
| 40×4 | 40×4 | HW-150# | BB1-4-404/404 | MJ-58×4S |
| 40×5 | 40×5 | HW-150# | BB1-4-405/405 | MJ-58×4S |
| 40×6 | 40×6 | HW-200# | BB1-4-406/406 | MJ-58×4S |
| 50×5 | 50×5 | HW-200# | BB1-5-505/505 | MJ-58×4S |
| 50×6 | 50×6 | HW-250# | BB1-5-506/506 | MJ-58×4S |
| 60×6 | 60×6 | HW-300# | BB1-6-606/606 | MJ-58×4S |
| 25×4 | 60×6 | HW-250# | BB1-5-254/606 | MJ-58×4S |
| 40×4 | 50×5 | HW-250# | BB1-5-404/505 | MJ-58×4S |
| 40×4 | 60×6 | HW-300# | BB1-6-404/606 | MJ-58×4S |
| 25×4 | 2根25×4 | HW-115# | BB2-4-254/254 | MJ-58×4S |
| 30×4 | 2根30×4 | HW-150# | BB2-4-304/304 | MJ-58×4S |
| 40×4 | 2根40×4 | HW-200# | BB2-4-404/404 | MJ-58×4S |
| 50×5 | 2根50×5 | HW-250# | BB2-5-505/505 | MJ-58×4S |
| 2根25×4 | 2根25×4 | HW-150# | BB11-4-254/254 | MJ-58×4S |
| 2根30×4 | 2根30×4 | HW-200# | BB11-4-304/304 | MJ-58×4S |
| 2根40×4 | 2根40×4 | HW-250# | BB11-5-404/404 | MJ-58×4S |
| 2根50×5 | 2根50×5 | HW-300# | BB11-6-505/505 | MJ-58×4S |

HBB1 HBB2 HBB11



扁带厚度小于或等于2mm时，扁带之间无需保留间隙，大于2mm小于等于8mm时需保留3-5mm间隙，大于10mm时，需保留6mm的间隙；应使用C型辅助夹具固定。

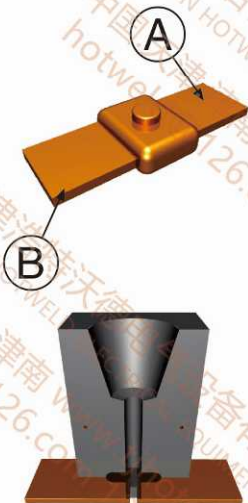
| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| 20×4 | 20×4 | HW-65# | BB3-4-204/204 | MJ-58×4S |
| 20×5 | 20×5 | HW-90# | BB3-4-205/205 | MJ-58×4S |
| 25×4 | 25×4 | HW-115# | BB3-4-254/254 | MJ-58×4S |
| 30×3 | 30×3 | HW-115# | BB3-4-303/303 | MJ-58×4S |
| 30×4 | 30×4 | HW-115# | BB3-4-304/304 | MJ-58×4S |
| 40×3 | 40×3 | HW-150# | BB3-4-403/403 | MJ-58×4S |
| 40×4 | 40×4 | HW-150# | BB3-4-404/404 | MJ-58×4S |
| 40×5 | 40×5 | HW-150# | BB3-4-405/405 | MJ-58×4S |
| 40×6 | 40×6 | HW-200# | BB3-4-406/406 | MJ-58×4S |
| 50×5 | 50×5 | HW-250# | BB3-5-505/505 | MJ-58×4S |
| 50×6 | 50×6 | HW-300# | BB3-5-506/506 | MJ-58×4S |
| 60×6 | 60×6 | 2×HW-200# | BB3-6-606/606 | MJ-58×4S |

HBB3



需将副板(B)的截面顶部低于主板2-3mm；应使用C型辅助夹具固定。

HBB7



| (A) mm×mm | (B) mm×mm | | | |
|--------------|--------------|---------|---------------|---------|
| 20×4 | 20×4 | HW-65# | BB7-4-204/204 | MJ-58×4 |
| 20×5 | 20×5 | HW-65# | BB7-4-205/205 | MJ-58×4 |
| 25×4 | 25×4 | HW-90# | BB7-4-254/254 | MJ-58×4 |
| 30×3 | 30×3 | HW-90# | BB7-4-303/303 | MJ-58×4 |
| 30×4 | 30×4 | HW-115# | BB7-4-304/304 | MJ-58×4 |
| 40×3 | 40×3 | HW-115# | BB7-4-403/403 | MJ-58×4 |
| 40×4 | 40×4 | HW-150# | BB7-4-404/404 | MJ-58×4 |
| 40×5 | 40×5 | HW-150# | BB7-4-405/405 | MJ-58×4 |
| 40×6 | 40×6 | HW-200# | BB7-4-406/406 | MJ-58×4 |
| 50×5 | 50×5 | HW-200# | BB7-4-505/505 | MJ-58×4 |
| 50×6 | 50×6 | HW-250# | BB7-5-506/506 | MJ-58×4 |
| 60×6 | 60×6 | HW-300# | BB7-6-606/606 | MJ-58×4 |
| 25×4 | 50×5 | HW-200# | BB7-4-254/505 | MJ-58×4 |
| 25×4 | 60×6 | HW-250# | BB7-5-254/606 | MJ-58×4 |
| 30×4 | 40×4 | HW-150# | BB7-4-254/404 | MJ-58×4 |
| 40×4 | 50×5 | HW-250# | BB7-5-404/505 | MJ-58×4 |
| 40×4 | 60×6 | HW-300# | BB7-6-404/606 | MJ-58×4 |


扁带厚度小于或等于2mm时，扁带之间无需保留间隙，大于2mm小于等于8mm时需保留3-5mm间隙，大于8mm时，需保留6mm的间隙。

HBB14



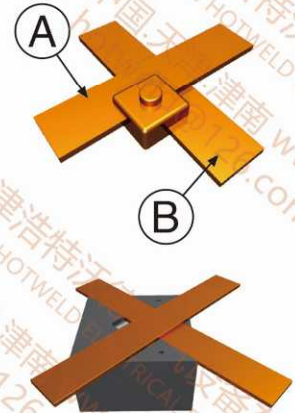
| (A) mm×mm | (B) mm×mm | | | |
|--------------|--------------|---------|----------------|---------|
| 20×4 | 20×4 | HW-65# | BB14-4-204/204 | MJ-58×4 |
| 20×5 | 20×5 | HW-65# | BB14-4-205/205 | MJ-58×4 |
| 25×4 | 25×4 | HW-90# | BB14-4-254/254 | MJ-58×4 |
| 30×3 | 30×3 | HW-90# | BB14-4-303/303 | MJ-58×4 |
| 30×4 | 30×4 | HW-115# | BB14-4-304/304 | MJ-58×4 |
| 40×3 | 40×3 | HW-115# | BB14-4-403/403 | MJ-58×4 |
| 40×4 | 40×4 | HW-150# | BB14-4-404/404 | MJ-58×4 |
| 40×5 | 40×5 | HW-150# | BB14-4-405/405 | MJ-58×4 |
| 40×6 | 40×6 | HW-200# | BB14-5-406/406 | MJ-58×4 |
| 50×5 | 50×5 | HW-200# | BB14-5-505/505 | MJ-58×4 |
| 50×6 | 50×6 | HW-250# | BB14-5-506/506 | MJ-58×4 |
| 60×6 | 60×6 | HW-300# | BB14-6-606/606 | MJ-58×4 |
| 25×4 | 60×6 | HW-250# | BB14-5-254/606 | MJ-58×4 |
| 40×4 | 50×5 | HW-250# | BB14-5-404/505 | MJ-58×4 |
| 40×4 | 60×6 | HW-300# | BB14-6-404/606 | MJ-58×4 |
| 60×6 | 25×4 | HW-150# | BB14-4-606/254 | MJ-58×4 |
| 50×5 | 40×4 | HW-150# | BB14-4-505/404 | MJ-58×4 |
| 40×6 | 50×5 | HW-200# | BB14-5-406/505 | MJ-58×4 |
| 30×4 | 40×4 | HW-150# | BB14-4-304/404 | MJ-58×4 |



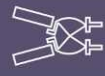
扁带厚度小于或等于2mm时，扁带之间无需保留间隙，大于2mm小于等于8mm时需保留3-5mm间隙，大于8mm时，需保留6mm的间隙。

| Ⓐ mm×mm | Ⓑ mm×mm |  |  |  |
|------------|------------|---|---|--|
| 20×4 | 20×4 | HW-90# | BB41-4-204/204 | MJ-58×4SS |
| 20×5 | 20×5 | HW-90# | BB41-4-205/205 | MJ-58×4SS |
| 25×4 | 25×4 | HW-115# | BB41-4-254/254 | MJ-58×4SS |
| 30×3 | 30×3 | HW-115# | BB41-4-303/303 | MJ-58×4SS |
| 30×4 | 30×4 | HW-150# | BB41-4-304/304 | MJ-58×4SS |
| 40×3 | 40×3 | HW-150# | BB41-5-403/403 | MJ-58×4SS |
| 40×4 | 40×4 | HW-200# | BB41-5-404/404 | MJ-58×4SS |
| 40×5 | 40×5 | HW-200# | BB41-5-405/405 | MJ-58×4SS |
| 40×6 | 40×6 | HW-200# | BB41-6-406/406 | MJ-58×4SS |
| 50×5 | 50×5 | HW-250# | BB41-6-505/505 | MJ-58×4SS |
| 50×6 | 50×6 | HW-300# | BB41-6-506/506 | MJ-58×4SS |
| 60×6 | 60×6 | HW-300# | BB41-7-606/606 | MJ-58×4SS |

本种类型焊接不能全部将交叉的扁带全部包裹起来，选用时请注意。

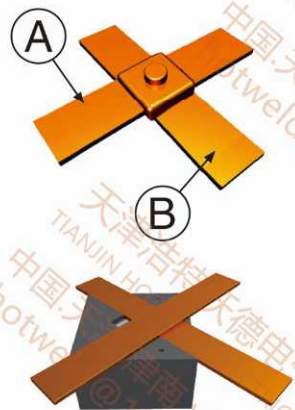
HBB41



| Ⓐ mm×mm | Ⓑ mm×mm |  |  |  |
|------------|------------|---|---|--|
| 20×4 | 20×4 | HW-115# | BB44-4-204/204 | MJ-58×4SS |
| 20×5 | 20×5 | HW-115# | BB44-4-205/205 | MJ-58×4SS |
| 25×4 | 25×4 | HW-150# | BB44-4-254/254 | MJ-58×4SS |
| 30×3 | 30×3 | HW-200# | BB44-4-303/303 | MJ-58×4SS |
| 30×4 | 30×4 | HW-200# | BB44-4-304/304 | MJ-58×4SS |
| 40×3 | 40×3 | HW-250# | BB44-5-403/403 | MJ-58×4SS |
| 40×4 | 40×4 | HW-250# | BB44-5-404/404 | MJ-58×4SS |
| 40×5 | 40×5 | HW-300# | BB44-5-405/405 | MJ-58×4SS |
| 40×6 | 40×6 | 2×HW-200# | BB44-6-406/406 | MJ-58×4SS |
| 50×5 | 50×5 | 2×HW-200# | BB44-6-505/505 | MJ-58×4SS |
| 50×6 | 50×6 | 2×HW-200# | BB44-6-506/506 | MJ-58×4SS |
| 60×6 | 60×6 | 2×HW-300# | BB44-7-606/606 | MJ-58×4SS |

扁带焊接前，应在待焊接部位打贯穿孔，截面小于160mm²板材贯穿孔直径8-10mm，大于160mm²小于360mm²板材贯穿孔直径12-14mm。

HBB44






HBR1



| Ⓐ mm×mm | Ⓑ mm×mm | | | |
|------------|------------|--------------|-----------------|----------|
| 20×4 | 12.7 | HW-90# | BR1-5-204/D12.7 | MJ-58×4S |
| 20×5 | 12.7 | HW-90# | BR1-5-205/D12.7 | MJ-58×4S |
| 25×4 | 14.2 | HW-115# | BR1-5-254/D14.2 | MJ-58×4S |
| 30×3 | 14.2 | HW-115# | BR1-5-303/D14.2 | MJ-58×4S |
| 30×4 | 14.2 | HW-150# | BR1-5-304/D14.2 | MJ-58×4S |
| 40×3 | 14.2 | HW-200# | BR1-5-403/D14.2 | MJ-58×4S |
| 40×4 | 14.2 | HW-200# | BR1-5-404/D14.2 | MJ-58×4S |
| 40×5 | 14.2 | HW-200# | BR1-5-405/D14.2 | MJ-58×4S |
| 40×6 | 14.2 | HW-200# | BR1-5-406/D14.2 | MJ-58×4S |
| 50×5 | 14.2 | HW-250# | BR1-6-505/D14.2 | MJ-58×4S |
| 50×6 | 14.2 | HW-250# | BR1-6-506/D14.2 | MJ-58×4S |
| 60×6 | 14.2 | HW-150#+200# | BR1-7-606/D14.2 | MJ-58×4S |
| 25×4 | 16 | HW-150# | BR1-5-254/D16 | MJ-58×4S |
| 30×4 | 16 | HW-150# | BR1-5-304/D16 | MJ-58×4S |
| 40×4 | 16 | HW-200# | BR1-5-404/D16 | MJ-58×4S |
| 50×5 | 16 | HW-250# | BR1-6-505/D16 | MJ-58×4S |
| 30×4 | 17.2 | HW-150# | BR1-5-304/D17.2 | MJ-58×4S |
| 40×3 | 17.2 | HW-200# | BR1-5-403/D17.2 | MJ-58×4S |
| 40×4 | 17.2 | HW-200# | BR1-5-404/D17.2 | MJ-58×4S |
| 40×5 | 17.2 | HW-200# | BR1-5-405/D17.2 | MJ-58×4S |
| 40×6 | 17.2 | HW-200# | BR1-5-406/D17.2 | MJ-58×4S |
| 50×5 | 17.2 | HW-250# | BR1-6-505/D17.2 | MJ-58×4S |
| 50×6 | 17.2 | HW-250# | BR1-6-506/D17.2 | MJ-58×4S |
| 60×6 | 17.2 | HW-150#+200# | BR1-7-606/D17.2 | MJ-58×4S |
| 25×4 | 20 | HW-150# | BR1-5-254/D20 | MJ-58×4S |
| 30×3 | 20 | HW-150# | BR1-5-303/D20 | MJ-58×4S |
| 30×4 | 20 | HW-200# | BR1-5-304/D20 | MJ-58×4S |
| 40×3 | 20 | HW-200# | BR1-5-403/D20 | MJ-58×4S |
| 40×4 | 20 | HW-200# | BR1-5-404/D20 | MJ-58×4S |
| 40×5 | 20 | HW-200# | BR1-5-405/D20 | MJ-58×4S |
| 40×6 | 20 | HW-200# | BR1-5-406/D20 | MJ-58×4S |
| 50×5 | 20 | HW-250# | BR1-6-505/D20 | MJ-58×4S |
| 50×6 | 20 | HW-250# | BR1-6-506/D20 | MJ-58×4S |
| 60×6 | 20 | HW-150#+200# | BR1-7-606/D20 | MJ-58×4S |
| 40×4 | 22 | HW-250# | BR1-6-300/D22 | MJ-58×4S |
| 40×5 | 22 | HW-250# | BR1-6-300/D22 | MJ-58×4S |
| 40×6 | 22 | HW-250# | BR1-6-406/D22 | MJ-58×4S |
| 50×5 | 22 | HW-300# | BR1-6-505/D22 | MJ-58×4S |
| 40×4 | 25 | HW-300# | BR1-6-404/D25 | MJ-58×4S |
| 40×5 | 25 | HW-300# | BR1-6-405/D22 | MJ-58×4S |
| 40×6 | 25 | HW-300# | BR1-6-406/D22 | MJ-58×4S |
| 50×5 | 25 | HW-300# | BR1-6-505/D22 | MJ-58×4S |
| 50×6 | 25 | HW-150#+200# | BR1-7-506/D25 | MJ-58×4S |
| 60×6 | 25 | 2×HW-200# | BR1-7-606/D25 | MJ-58×4S |

扁带平放，将接地棒顶在扁带端面下方，并使扁带端面与接地棒中心线对齐，如接地棒在安装中变形，应打磨或切割掉变形部位，应使用C型辅助夹具及F型辅助夹具固定。

| Ⓐ mm×mm | Ⓑ mm×mm |  |  |  |
|------------|------------|---|---|--|
| 20×4 | 12.7 | HW-90# | BR2-4-204/D12.7 | MJ-58×4S |
| 20×5 | 12.7 | HW-90# | BR2-4-205/D12.7 | MJ-58×4S |
| 25×4 | 14.2 | HW-115# | BR2-4-254/D14.2 | MJ-58×4S |
| 30×3 | 14.2 | HW-115# | BR2-4-303/D14.2 | MJ-58×4S |
| 30×4 | 14.2 | HW-150# | BR2-4-304/D14.2 | MJ-58×4S |
| 40×3 | 14.2 | HW-150# | BR2-4-403/D14.2 | MJ-58×4S |
| 40×4 | 14.2 | HW-200# | BR2-4-404/D14.2 | MJ-58×4S |
| 40×5 | 14.2 | HW-200# | BR2-4-405/D14.2 | MJ-58×4S |
| 40×6 | 14.2 | HW-250# | BR2-5-406/D14.2 | MJ-58×4S |
| 50×5 | 14.2 | HW-250# | BR2-5-505/D14.2 | MJ-58×4S |
| 50×6 | 14.2 | HW-300# | BR2-5-506/D14.2 | MJ-58×4S |
| 60×6 | 14.2 | HW-150#+200# | BR2-6-606/D14.2 | MJ-58×4S |
| 25×4 | 16 | HW-150# | BR2-4-254/D16 | MJ-58×4S |
| 30×4 | 16 | HW-150# | BR2-4-304/D16 | MJ-58×4S |
| 40×4 | 16 | HW-200# | BR2-4-404/D16 | MJ-58×4S |
| 50×5 | 16 | HW-250# | BR2-5-505/D16 | MJ-58×4S |
| 30×4 | 17.2 | HW-150# | BR2-4-304/D17.2 | MJ-58×4S |
| 40×3 | 17.2 | HW-200# | BR2-4-403/D17.2 | MJ-58×4S |
| 40×4 | 17.2 | HW-200# | BR2-4-404/D17.2 | MJ-58×4S |
| 40×5 | 17.2 | HW-250# | BR2-5-405/D17.2 | MJ-58×4S |
| 40×6 | 17.2 | HW-250# | BR2-5-406/D17.2 | MJ-58×4S |
| 50×5 | 17.2 | HW-250# | BR2-5-505/D17.2 | MJ-58×4S |
| 50×6 | 17.2 | HW-300# | BR2-5-506/D17.2 | MJ-58×4S |
| 60×6 | 17.2 | HW-150#+200# | BR2-6-606/D17.2 | MJ-58×4S |
| 25×4 | 20 | HW-150# | BR2-4-254/D20 | MJ-58×4S |
| 30×3 | 20 | HW-150# | BR2-4-303/D20 | MJ-58×4S |
| 30×4 | 20 | HW-200# | BR2-4-304/D20 | MJ-58×4S |
| 40×3 | 20 | HW-200# | BR2-4-403/D20 | MJ-58×4S |
| 40×4 | 20 | HW-200# | BR2-4-404/D20 | MJ-58×4S |
| 40×5 | 20 | HW-250# | BR2-5-405/D20 | MJ-58×4S |
| 40×6 | 20 | HW-250# | BR2-5-406/D20 | MJ-58×4S |
| 50×5 | 20 | HW-250# | BR2-5-505/D20 | MJ-58×4S |
| 50×6 | 20 | HW-300# | BR2-5-506/D20 | MJ-58×4S |
| 60×6 | 20 | HW-150#+200# | BR2-6-606/D20 | MJ-58×4S |
| 40×4 | 22 | HW-250# | BR2-5-300/D22 | MJ-58×4S |
| 40×5 | 22 | HW-250# | BR2-5-300/D22 | MJ-58×4S |
| 40×6 | 22 | HW-250# | BR2-5-406/D22 | MJ-58×4S |
| 50×5 | 22 | HW-250# | BR2-5-505/D22 | MJ-58×4S |
| 40×4 | 25 | HW-250# | BR2-5-404/D25 | MJ-58×4S |
| 40×5 | 25 | HW-250# | BR2-5-405/D22 | MJ-58×4S |
| 40×6 | 25 | HW-250# | BR2-5-406/D22 | MJ-58×4S |
| 50×5 | 25 | HW-300# | BR2-5-505/D22 | MJ-58×4S |
| 50×6 | 25 | HW-300# | BR2-5-506/D25 | MJ-58×4S |
| 60×6 | 25 | 2×HW-200# | BR2-6-606/D25 | MJ-58×4S |

HBR2



扁带立放，将接地棒顶在扁带边缘下方，并使扁带边缘与接地棒中心线对齐，如接地棒在安装中变形，应打磨或切割掉变形部位，应使用C型辅助夹具固定。




HBR3



| (A) mm×mm | (B) mm×mm | | | |
|--------------|--------------|---------|-----------------|---------|
| 20×4 | 12.7 | HW-90# | BR3-5-204/D12.7 | MJ-58×4 |
| 20×5 | 12.7 | HW-90# | BR3-5-205/D12.7 | MJ-58×4 |
| 25×4 | 14.2 | HW-115# | BR3-5-254/D14.2 | MJ-58×4 |
| 30×3 | 14.2 | HW-115# | BR3-5-303/D14.2 | MJ-58×4 |
| 30×4 | 14.2 | HW-150# | BR3-5-304/D14.2 | MJ-58×4 |
| 40×3 | 14.2 | HW-150# | BR3-5-403/D14.2 | MJ-58×4 |
| 40×4 | 14.2 | HW-150# | BR3-5-404/D14.2 | MJ-58×4 |
| 40×5 | 14.2 | HW-150# | BR3-5-405/D14.2 | MJ-58×4 |
| 40×6 | 14.2 | HW-200# | BR3-6-406/D14.2 | MJ-58×4 |
| 50×5 | 14.2 | HW-200# | BR3-6-505/D14.2 | MJ-58×4 |
| 50×6 | 14.2 | HW-250# | BR3-6-506/D14.2 | MJ-58×4 |
| 60×6 | 14.2 | HW-250# | BR3-7-606/D14.2 | MJ-58×4 |
| 25×4 | 16 | HW-150# | BR3-5-254/D16 | MJ-58×4 |
| 30×4 | 16 | HW-150# | BR3-5-304/D16 | MJ-58×4 |
| 40×4 | 16 | HW-200# | BR3-5-404/D16 | MJ-58×4 |
| 50×5 | 16 | HW-250# | BR3-6-505/D16 | MJ-58×4 |
| 30×4 | 17.2 | HW-200# | BR3-5-304/D17.2 | MJ-58×4 |
| 40×3 | 17.2 | HW-150# | BR3-5-403/D17.2 | MJ-58×4 |
| 40×4 | 17.2 | HW-200# | BR3-5-404/D17.2 | MJ-58×4 |
| 40×5 | 17.2 | HW-200# | BR3-5-405/D17.2 | MJ-58×4 |
| 40×6 | 17.2 | HW-250# | BR3-5-406/D17.2 | MJ-58×4 |
| 50×5 | 17.2 | HW-250# | BR3-6-505/D17.2 | MJ-58×4 |
| 50×6 | 17.2 | HW-250# | BR3-6-506/D17.2 | MJ-58×4 |
| 60×6 | 17.2 | HW-300# | BR3-7-606/D17.2 | MJ-58×4 |
| 25×4 | 20 | HW-200# | BR3-5-254/D20 | MJ-58×4 |
| 30×3 | 20 | HW-150# | BR3-5-303/D20 | MJ-58×4 |
| 30×4 | 20 | HW-200# | BR3-5-304/D20 | MJ-58×4 |
| 40×3 | 20 | HW-200# | BR3-5-403/D20 | MJ-58×4 |
| 40×4 | 20 | HW-200# | BR3-5-404/D20 | MJ-58×4 |
| 40×5 | 20 | HW-200# | BR3-5-405/D20 | MJ-58×4 |
| 40×6 | 20 | HW-250# | BR3-5-406/D20 | MJ-58×4 |
| 50×5 | 20 | HW-250# | BR3-6-505/D20 | MJ-58×4 |
| 50×6 | 20 | HW-250# | BR3-6-506/D20 | MJ-58×4 |
| 60×6 | 20 | HW-300# | BR3-7-606/D20 | MJ-58×4 |
| 40×4 | 22 | HW-250# | BR3-6-300/D22 | MJ-58×4 |
| 40×5 | 22 | HW-250# | BR3-6-300/D22 | MJ-58×4 |
| 40×6 | 22 | HW-250# | BR3-6-406/D22 | MJ-58×4 |
| 50×5 | 22 | HW-250# | BR3-6-505/D22 | MJ-58×4 |
| 40×4 | 25 | HW-250# | BR3-6-404/D25 | MJ-58×4 |
| 40×5 | 25 | HW-250# | BR3-6-405/D22 | MJ-58×4 |
| 40×6 | 25 | HW-250# | BR3-6-406/D22 | MJ-58×4 |
| 50×5 | 25 | HW-250# | BR3-6-505/D22 | MJ-58×4 |
| 50×6 | 25 | HW-300# | BR3-7-506/D25 | MJ-58×4 |
| 60×6 | 25 | HW-300# | BR3-7-606/D25 | MJ-58×4 |

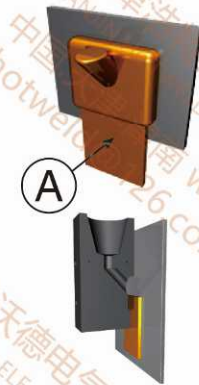
扁带平放，将接地棒顶在扁带边缘下方，并使扁带边缘与接地棒外侧对齐，如接地棒在安装中变形，应打磨或切割掉变形部位，应使用C型辅助夹具及F型辅助夹具固定。

| (A) mm×mm |  |  |  |
|--------------|---|---|--|
| 20×4 | HW-90# | BS1-5-204 | MJ-58×4 |
| 20×5 | HW-90# | BS1-5-205 | MJ-58×4 |
| 25×4 | HW-115# | BS1-5-254 | MJ-58×4 |
| 30×3 | HW-150# | BS1-5-303 | MJ-58×4 |
| 30×4 | HW-150# | BS1-5-304 | MJ-58×4 |
| 40×3 | HW-200# | BS1-5-403 | MJ-58×4 |
| 40×4 | HW-200# | BS1-5-404 | MJ-58×4 |
| 40×5 | HW-200# | BS1-5-405 | MJ-58×4 |
| 40×6 | HW-250# | BS1-6-406 | MJ-58×4 |
| 50×5 | HW-250# | BS1-6-505 | MJ-58×4 |
| 50×6 | HW-300# | BS1-6-506 | MJ-58×4 |
| 60×6 | 2×HW-200# | BS1-7-606 | MJ-58×4 |

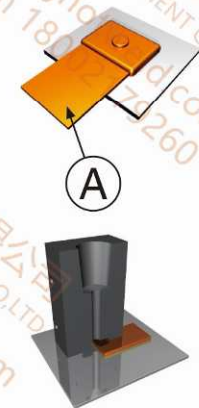
| (A) mm×mm |  |  |  |
|--------------|---|---|--|
| 20×4 | HW-90# | BS2-5-204 | MJ-58×4 |
| 20×5 | HW-90# | BS2-5-205 | MJ-58×4 |
| 25×4 | HW-115# | BS2-5-254 | MJ-58×4 |
| 30×3 | HW-150# | BS2-5-303 | MJ-58×4 |
| 30×4 | HW-150# | BS2-5-304 | MJ-58×4 |
| 40×3 | HW-200# | BS2-5-403 | MJ-58×4 |
| 40×4 | HW-200# | BS2-5-404 | MJ-58×4 |
| 40×5 | HW-200# | BS2-5-405 | MJ-58×4 |
| 40×6 | HW-250# | BS2-6-406 | MJ-58×4 |
| 50×5 | HW-300# | BS2-6-505 | MJ-58×4 |
| 50×6 | HW-300# | BS2-6-506 | MJ-58×4 |
| 60×6 | 2×HW-200# | BS2-7-606 | MJ-58×4 |

| (A) mm×mm |  |  |  |
|--------------|---|---|--|
| 20×4 | HW-115# | BS3-5-204 | MJ-58×4 |
| 20×5 | HW-115# | BS3-5-205 | MJ-58×4 |
| 25×4 | HW-150# | BS3-5-254 | MJ-58×4 |
| 30×3 | HW-150# | BS3-5-303 | MJ-58×4 |
| 30×4 | HW-150# | BS3-5-304 | MJ-58×4 |
| 40×3 | HW-200# | BS3-5-403 | MJ-58×4 |
| 40×4 | HW-250# | BS3-5-404 | MJ-58×4 |
| 40×5 | HW-250# | BS3-5-405 | MJ-58×4 |
| 40×6 | HW-250# | BS3-6-406 | MJ-58×4 |
| 50×5 | HW-300# | BS3-6-505 | MJ-58×4 |
| 50×6 | HW-300# | BS3-6-506 | MJ-58×4 |
| 60×6 | 2×HW-200# | BS3-7-606 | MJ-58×4 |

HBS1



HBS2



HBS3



焊接前需将板材表面打磨平整光滑，如为热镀锌板材，需将镀锌层打磨掉，焊接前必须将模具固定至板材上，可使用F型辅助夹具固定，如条件不允许，可使用人力或其他办法固定模具，焊接全过程不得松动模具，扁带边缘须放置于熔接腔的中心位置。

扁带与钢质




BELT-STEEL SURFACE
CONNECTION

HCB1

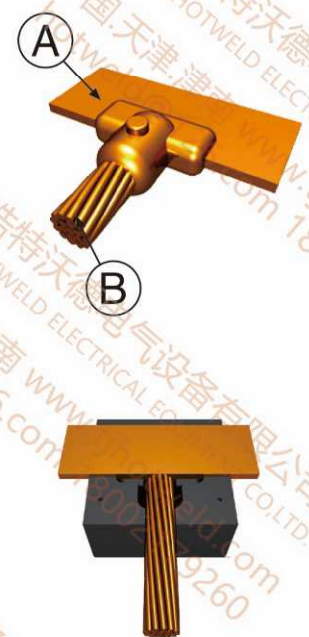


| Ⓐ mm×mm | Ⓑ mm×mm | | | |
|------------|------------|--------------|---------------|---------|
| 20×4 | 16 | HW-45# | CB1-4-204/16 | MJ-58×4 |
| 20×4 | 25 | HW-45# | CB1-4-204/25 | MJ-58×4 |
| 20×4 | 35 | HW-45# | CB1-4-204/35 | MJ-58×4 |
| 20×4 | 50 | HW-65# | CB1-4-204/50 | MJ-58×4 |
| 25×4 | 25 | HW-65# | CB1-4-254/25 | MJ-58×4 |
| 25×4 | 35 | HW-65# | CB1-4-254/35 | MJ-58×4 |
| 25×4 | 50 | HW-65# | CB1-4-254/50 | MJ-58×4 |
| 25×4 | 70 | HW-90# | CB1-4-254/70 | MJ-58×4 |
| 25×4 | 95 | HW-90# | CB1-4-254/95 | MJ-58×4 |
| 25×4 | 120(Φ14) | HW-115# | CB1-4-254/120 | MJ-58×4 |
| 30×3 | 35 | HW-90# | CB1-4-303/35 | MJ-58×4 |
| 30×3 | 50 | HW-90# | CB1-4-303/50 | MJ-58×4 |
| 30×3 | 70 | HW-90# | CB1-4-303/70 | MJ-58×4 |
| 30×3 | 95 | HW-115# | CB1-4-303/95 | MJ-58×4 |
| 30×3 | 120(Φ14) | HW-150# | CB1-4-303/120 | MJ-58×4 |
| 30×4 | 50 | HW-90# | CB1-4-304/50 | MJ-58×4 |
| 30×4 | 70 | HW-115# | CB1-4-304/70 | MJ-58×4 |
| 30×4 | 95 | HW-115# | CB1-4-304/95 | MJ-58×4 |
| 30×4 | 120(Φ14) | HW-150# | CB1-4-304/120 | MJ-58×4 |
| 30×4 | 150(Φ16) | HW-150# | CB1-4-304/150 | MJ-58×4 |
| 40×4 | 70 | HW-115# | CB1-4-404/70 | MJ-58×4 |
| 40×4 | 95 | HW-150# | CB1-4-404/95 | MJ-58×4 |
| 40×4 | 120(Φ14) | HW-150# | CB1-4-404/120 | MJ-58×4 |
| 40×4 | 150(Φ16) | HW-150# | CB1-4-404/150 | MJ-58×4 |
| 40×4 | 185 | HW-200# | CB1-4-404/185 | MJ-58×4 |
| 40×6 | 70 | HW-150# | CB1-4-406/70 | MJ-58×4 |
| 40×6 | 95 | HW-150# | CB1-4-406/95 | MJ-58×4 |
| 40×6 | 120(Φ14) | HW-150# | CB1-4-406/120 | MJ-58×4 |
| 40×6 | 150(Φ16) | HW-200# | CB1-4-406/150 | MJ-58×4 |
| 40×6 | 185 | HW-200# | CB1-4-406/185 | MJ-58×4 |
| 50×5 | 95 | HW-200# | CB1-4-505/95 | MJ-58×4 |
| 50×5 | 120(Φ14) | HW-200# | CB1-4-505/120 | MJ-58×4 |
| 50×5 | 150(Φ16) | HW-200# | CB1-4-505/150 | MJ-58×4 |
| 50×5 | 185 | HW-250# | CB1-5-505/185 | MJ-58×4 |
| 50×5 | 240 | HW-300# | CB1-6-505/240 | MJ-58×4 |
| 60×6 | 70 | HW-250# | CB1-5-606/70 | MJ-58×4 |
| 60×6 | 95 | HW-250# | CB1-5-606/95 | MJ-58×4 |
| 60×6 | 120(Φ14) | HW-250# | CB1-5-606/120 | MJ-58×4 |
| 60×6 | 150(Φ16) | HW-300# | CB1-6-606/150 | MJ-58×4 |
| 60×6 | 185 | HW-300# | CB1-6-606/185 | MJ-58×4 |
| 60×6 | 240 | HW-150#+200# | CB1-6-606/240 | MJ-58×4 |
| 80×8 | 95 | 2×HW-200# | CB1-7-808/95 | MJ-58×4 |
| 80×8 | 120(Φ14) | 2×HW-250# | CB1-7-808/120 | MJ-58×4 |
| 80×8 | 150(Φ16) | 2×HW-250# | CB1-7-808/150 | MJ-58×4 |
| 80×8 | 185 | 2×HW-300# | CB1-7-808/185 | MJ-58×4 |
| 80×8 | 240 | 2×HW-300# | CB1-8-808/240 | MJ-58×4 |

扁带与导线之间应保留2-3mm间隙，表格中B列以铜绞线规格作为参考，同样适用于全新铜覆钢接地绞线、圆钢、铜覆钢接地圆线等其他接地材料，相应模具型号也可变更，例如40×4扁钢与Φ12圆钢焊接，模具型号为CB1-404/D12。

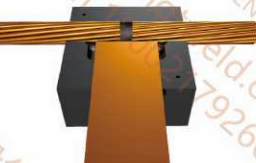
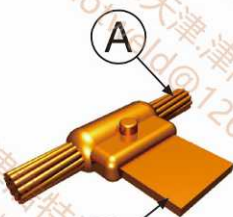
| Ⓐ mm×mm | Ⓑ mm×mm |  |  |  |
|------------|------------|---|---|--|
| 20×4 | 16 | HW-45# | CB4-4-204/16 | MJ-58×4 |
| 20×4 | 25 | HW-45# | CB4-4-204/25 | MJ-58×4 |
| 20×4 | 35 | HW-45# | CB4-4-204/35 | MJ-58×4 |
| 20×4 | 50 | HW-65# | CB4-4-204/50 | MJ-58×4 |
| 25×4 | 25 | HW-65# | CB4-4-254/25 | MJ-58×4 |
| 25×4 | 35 | HW-65# | CB4-4-254/35 | MJ-58×4 |
| 25×4 | 50 | HW-65# | CB4-4-254/50 | MJ-58×4 |
| 25×4 | 70 | HW-90# | CB4-4-254/70 | MJ-58×4 |
| 25×4 | 95 | HW-90# | CB4-4-254/95 | MJ-58×4 |
| 25×4 | 120(Φ14) | HW-115# | CB4-4-254/120 | MJ-58×4 |
| 30×3 | 35 | HW-90# | CB4-4-303/35 | MJ-58×4 |
| 30×3 | 50 | HW-90# | CB4-4-303/50 | MJ-58×4 |
| 30×3 | 70 | HW-90# | CB4-4-303/70 | MJ-58×4 |
| 30×3 | 95 | HW-115# | CB4-4-303/95 | MJ-58×4 |
| 30×3 | 120(Φ14) | HW-150# | CB4-4-303/120 | MJ-58×4 |
| 30×4 | 50 | HW-90# | CB4-4-304/50 | MJ-58×4 |
| 30×4 | 70 | HW-115# | CB4-4-304/70 | MJ-58×4 |
| 30×4 | 95 | HW-115# | CB4-4-304/95 | MJ-58×4 |
| 30×4 | 120(Φ14) | HW-150# | CB4-4-304/120 | MJ-58×4 |
| 30×4 | 150(Φ16) | HW-150# | CB4-4-304/150 | MJ-58×4 |
| 40×4 | 70 | HW-115# | CB4-4-404/70 | MJ-58×4 |
| 40×4 | 95 | HW-150# | CB4-4-404/95 | MJ-58×4 |
| 40×4 | 120(Φ14) | HW-150# | CB4-4-404/120 | MJ-58×4 |
| 40×4 | 150(Φ16) | HW-150# | CB4-4-404/150 | MJ-58×4 |
| 40×4 | 185 | HW-200# | CB4-4-404/185 | MJ-58×4 |
| 40×6 | 70 | HW-150# | CB4-4-406/70 | MJ-58×4 |
| 40×6 | 95 | HW-150# | CB4-4-406/95 | MJ-58×4 |
| 40×6 | 120(Φ14) | HW-150# | CB4-4-406/120 | MJ-58×4 |
| 40×6 | 150(Φ16) | HW-200# | CB4-4-406/150 | MJ-58×4 |
| 40×6 | 185 | HW-200# | CB4-4-406/185 | MJ-58×4 |
| 50×5 | 95 | HW-200# | CB4-4-505/95 | MJ-58×4 |
| 50×5 | 120(Φ14) | HW-200# | CB4-4-505/120 | MJ-58×4 |
| 50×5 | 150(Φ16) | HW-200# | CB4-4-505/150 | MJ-58×4 |
| 50×5 | 185 | HW-250# | CB4-5-505/185 | MJ-58×4 |
| 50×5 | 240 | HW-300# | CB4-6-505/240 | MJ-58×4 |
| 60×6 | 70 | HW-250# | CB4-5-606/70 | MJ-58×4 |
| 60×6 | 95 | HW-250# | CB4-5-606/95 | MJ-58×4 |
| 60×6 | 120(Φ14) | HW-250# | CB4-5-606/120 | MJ-58×4 |
| 60×6 | 150(Φ16) | HW-300# | CB4-5-606/150 | MJ-58×4 |
| 60×6 | 185 | HW-300# | CB4-5-606/185 | MJ-58×4 |
| 60×6 | 240 | HW-150#+200# | CB4-6-606/D20 | MJ-58×4 |
| 80×8 | 95 | 2×HW-200# | CB4-7-808/95 | MJ-58×4 |
| 80×8 | 120(Φ14) | 2×HW-250# | CB4-7-808/120 | MJ-58×4 |
| 80×8 | 150(Φ16) | 2×HW-250# | CB4-7-808/150 | MJ-58×4 |
| 80×8 | 185 | 2×HW-300# | CB4-7-808/185 | MJ-58×4 |
| 80×8 | 240 | 2×HW-300# | CB4-8-808/240 | MJ-58×4 |

HCB4



扁带与导线之间应保留2-3mm间隙，表格中B列以铜绞线规格作为参考，同样适用于全新铜覆钢接地绞线、圆钢、铜覆钢接地圆线等其他接地材料，相应模具型号也可变更，例如40×4扁钢与Φ12圆钢焊接，模具型号为CB4-404/D12。

HCB5



| Ⓐ mm×mm | Ⓑ mm×mm | | | |
|------------|------------|-------------|---------------|---------|
| 16 | 20×4 | HW-65# | CB5-4-16/204 | MJ-58×4 |
| 25 | 20×4 | HW-65# | CB5-4-25/204 | MJ-58×4 |
| 35 | 20×4 | HW-65# | CB5-4-35/204 | MJ-58×4 |
| 50 | 20×4 | HW-65# | CB5-4-50/204 | MJ-58×4 |
| 25 | 25×4 | HW-65# | CB5-4-25/254 | MJ-58×4 |
| 35 | 25×4 | HW-65# | CB5-4-254/35 | MJ-58×4 |
| 50 | 25×4 | HW-90# | CB5-4-254/50 | MJ-58×4 |
| 70 | 25×4 | HW-115# | CB5-4-70/254 | MJ-58×4 |
| 95 | 25×4 | HW-150# | CB5-4-95/254 | MJ-58×4 |
| 120(Φ14) | 25×4 | HW-150# | CB5-4-120/254 | MJ-58×4 |
| 35 | 30×3 | HW-90# | CB5-4-35/303 | MJ-58×4 |
| 50 | 30×3 | HW-90# | CB5-4-50/303 | MJ-58×4 |
| 70 | 30×3 | HW-115# | CB5-4-70/303 | MJ-58×4 |
| 95 | 30×3 | HW-150# | CB5-4-95/303 | MJ-58×4 |
| 120(Φ14) | 30×3 | HW-150# | CB5-4-120/303 | MJ-58×4 |
| 50 | 30×4 | HW-115# | CB5-4-50/304 | MJ-58×4 |
| 70 | 30×4 | HW-115# | CB5-4-70/304 | MJ-58×4 |
| 95 | 30×4 | HW-150# | CB5-4-95/304 | MJ-58×4 |
| 120(Φ14) | 30×4 | HW-150# | CB5-4-120/304 | MJ-58×4 |
| 150(Φ16) | 30×4 | HW-200# | CB5-4-150/304 | MJ-58×4 |
| 70 | 40×4 | HW-150# | CB5-4-70/404 | MJ-58×4 |
| 95 | 40×4 | HW-200# | CB5-4-95/404 | MJ-58×4 |
| 120(Φ14) | 40×4 | HW-200# | CB5-4-120/404 | MJ-58×4 |
| 150(Φ16) | 40×4 | HW-250# | CB5-5-150/404 | MJ-58×4 |
| 185 | 40×4 | HW-250# | CB5-5-185/404 | MJ-58×4 |
| 70 | 40×6 | HW-150# | CB5-4-70/406 | MJ-58×4 |
| 95 | 40×6 | HW-200# | CB5-4-95/406 | MJ-58×4 |
| 120(Φ14) | 40×6 | HW-200# | CB5-4-120/406 | MJ-58×4 |
| 150(Φ16) | 40×6 | HW-250# | CB5-5-150/406 | MJ-58×4 |
| 185 | 40×6 | HW-250# | CB5-5-185/406 | MJ-58×4 |
| 95 | 50×5 | HW-250# | CB5-5-95/505 | MJ-58×4 |
| 120(Φ14) | 50×5 | HW-250# | CB5-5-120/505 | MJ-58×4 |
| 150(Φ16) | 50×5 | HW-300# | CB5-5-150/505 | MJ-58×4 |
| 185 | 50×5 | HW-300# | CB5-5-185/505 | MJ-58×4 |
| 240 | 50×5 | HW-150+200# | CB5-6-240/505 | MJ-58×4 |
| 70 | 60×6 | HW-150+200# | CB5-6-70/606 | MJ-58×4 |
| 95 | 60×6 | HW-150+200# | CB5-6-95/606 | MJ-58×4 |
| 120(Φ14) | 60×6 | 2×HW-200# | CB5-7-120/606 | MJ-58×4 |
| 150(Φ16) | 60×6 | 2×HW-200# | CB5-7-150/606 | MJ-58×4 |
| 185 | 60×6 | 2×HW-200# | CB5-7-185/606 | MJ-58×4 |
| 240 | 60×6 | 2×HW-250# | CB5-8-240/606 | MJ-58×4 |
| 95 | 80×8 | 2×HW-300# | CB5-8-95/808 | MJ-58×4 |
| 120(Φ14) | 80×8 | 2×HW-300# | CB5-8-120/808 | MJ-58×4 |
| 150(Φ16) | 80×8 | 2×HW-300# | CB5-8-150/808 | MJ-58×4 |
| 185 | 80×8 | 4×HW-200# | CB5-9-185/808 | MJ-58×4 |
| 240 | 80×8 | 4×HW-200# | CB5-9-240/808 | MJ-58×4 |

扁带与导线之间应保留2-3mm间隙，表格中A列以铜绞线规格作为参考，同样适用于全新铜覆钢接地绞线、圆钢、铜覆钢接地圆线等其他接地材料，相应模具型号也可变更，例如40×4扁钢与Φ12圆钢焊接，模具型号为CB5-D12/404。

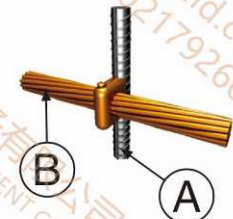
| (A) mm×mm | (B) mm×mm | | | | | |
|--------------|--------------|---------|------------|---------|--------|--------|
| 10-40 | 16 | HW-65# | CRE1-5-16 | MJ-58×4 | 1×SV16 | PACK-A |
| 10-40 | 25 | HW-65# | CRE1-5-25 | MJ-58×4 | - | PACK-A |
| 10-40 | 35 | HW-90# | CRE1-5-35 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ8 | HW-90# | CRE1-5-D8 | MJ-58×4 | - | PACK-A |
| 10-40 | 50 | HW-115# | CRE1-5-50 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ10 | HW-115# | CRE1-5-D10 | MJ-58×4 | - | PACK-A |
| 10-40 | 70 | HW-115# | CRE1-5-70 | MJ-58×4 | - | PACK-A |
| 10-40 | 95 | HW-150# | CRE1-5-95 | MJ-58×4 | - | PACK-A |
| 10-40 | 120 | HW-200# | CRE1-5-120 | MJ-58×4 | - | PACK-A |
| 10-40 | 150 | HW-200# | CRE1-5-150 | MJ-58×4 | - | PACK-A |
| 10-40 | 185 | HW-250# | CRE1-6-185 | MJ-58×4 | - | PACK-A |

HCRE1



| (A) mm×mm | (B) mm×mm | | | | | |
|--------------|--------------|---------|------------|---------|--------|--------|
| 10-40 | 16 | HW-65# | CRE3-5-16 | MJ-58×4 | 2×SV16 | PACK-A |
| 10-40 | 25 | HW-65# | CRE3-5-25 | MJ-58×4 | - | PACK-A |
| 10-40 | 35 | HW-90# | CRE3-5-35 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ8 | HW-90# | CRE3-5-D8 | MJ-58×4 | - | PACK-A |
| 10-40 | 50 | HW-115# | CRE3-5-50 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ10 | HW-115# | CRE3-5-D10 | MJ-58×4 | - | PACK-A |
| 10-40 | 70 | HW-150# | CRE3-5-70 | MJ-58×4 | - | PACK-A |
| 10-40 | 95 | HW-150# | CRE3-5-95 | MJ-58×4 | - | PACK-A |
| 10-40 | 120 | HW-200# | CRE3-5-120 | MJ-58×4 | - | PACK-A |
| 10-40 | 150 | HW-250# | CRE3-6-150 | MJ-58×4 | - | PACK-A |
| 10-40 | 185 | HW-300# | CRE3-6-185 | MJ-58×4 | - | PACK-A |

HCRE3



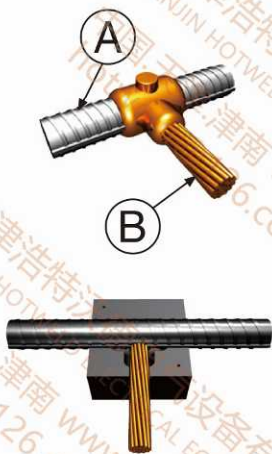
| (A) mm×mm | (B) mm×mm | | | | | |
|--------------|--------------|---------|-------------|---------|--------|--------|
| 10-40 | 16 | HW-65# | CRE17-5-16 | MJ-58×4 | 2×SV16 | PACK-A |
| 10-40 | 25 | HW-65# | CRE17-5-25 | MJ-58×4 | - | PACK-A |
| 10-40 | 35 | HW-90# | CRE17-5-35 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ8 | HW-90# | CRE17-5-D8 | MJ-58×4 | - | PACK-A |
| 10-40 | 50 | HW-115# | CRE17-5-50 | MJ-58×4 | - | PACK-A |
| 10-40 | Φ10 | HW-115# | CRE17-5-D10 | MJ-58×4 | - | PACK-A |
| 10-40 | 70 | HW-150# | CRE17-5-70 | MJ-58×4 | - | PACK-A |
| 10-40 | 95 | HW-150# | CRE17-5-95 | MJ-58×4 | - | PACK-A |
| 10-40 | 120 | HW-200# | CRE17-5-120 | MJ-58×4 | - | PACK-A |
| 10-40 | 150 | HW-250# | CRE17-6-150 | MJ-58×4 | - | PACK-A |
| 10-40 | 185 | HW-300# | CRE17-6-185 | MJ-58×4 | - | PACK-A |

HCRE17





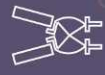
必须切割打磨掉螺纹钢的筋，以防止渗漏，需将高温石棉置于钢筋与导线和模具之间，高温棉开口处对齐钢筋清洁部位。

HCRE2

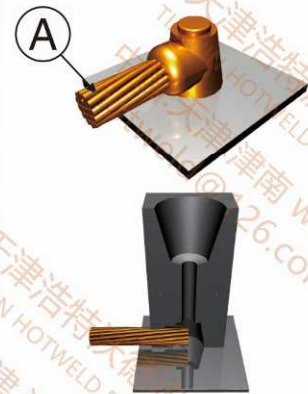





| (A) mm×mm | (B) mm×mm | | | | |
|--------------|--------------|--------------|---------------|---------|--------|
| 16 | 16 | HW-150# | CRE2-5-16/16 | MJ-58×4 | PACK-A |
| 16 | 25 | HW-150# | CRE2-5-16/25 | MJ-58×4 | PACK-A |
| 16 | 35 | HW-150# | CRE2-5-16/35 | MJ-58×4 | PACK-A |
| 16 | Φ8 | HW-150# | CRE2-5-16/D8 | MJ-58×4 | PACK-A |
| 16 | 50 | HW-150# | CRE2-5-16/50 | MJ-58×4 | PACK-A |
| 16 | Φ10 | HW-200# | CRE2-5-16/D10 | MJ-58×4 | PACK-A |
| 16 | 70 | HW-200# | CRE2-5-16/70 | MJ-58×4 | PACK-A |
| 16 | 95 | HW-200# | CRE2-5-16/95 | MJ-58×4 | PACK-A |
| 16 | 120 | HW-250# | CRE2-6-16/120 | MJ-58×4 | PACK-A |
| 16 | 150 | HW-250# | CRE2-6-16/150 | MJ-58×4 | PACK-A |
| 16 | 185 | HW-300# | CRE2-6-16/185 | MJ-58×4 | PACK-A |
| 16 | 240 | HW-300# | CRE2-6-16/240 | MJ-58×4 | PACK-A |
| 18 | 35 | HW-200# | CRE2-5-18/35 | MJ-58×4 | PACK-A |
| 18 | Φ8 | HW-200# | CRE2-5-18/D8 | MJ-58×4 | PACK-A |
| 18 | 50 | HW-200# | CRE2-5-18/50 | MJ-58×4 | PACK-A |
| 18 | Φ10 | HW-200# | CRE2-5-18/D10 | MJ-58×4 | PACK-A |
| 18 | 70 | HW-200# | CRE2-5-18/70 | MJ-58×4 | PACK-A |
| 18 | 95 | HW-250# | CRE2-6-18/95 | MJ-58×4 | PACK-A |
| 18 | 120 | HW-250# | CRE2-6-18/120 | MJ-58×4 | PACK-A |
| 18 | 150 | HW-300# | CRE2-6-18/150 | MJ-58×4 | PACK-A |
| 18 | 185 | HW-300# | CRE2-6-18/185 | MJ-58×4 | PACK-A |
| 18 | 240 | HW-150#+200# | CRE2-7-18/240 | MJ-58×4 | PACK-A |
| 20 | 35 | HW-250# | CRE2-6-20/35 | MJ-58×4 | PACK-A |
| 20 | Φ8 | HW-250# | CRE2-6-20/D8 | MJ-58×4 | PACK-A |
| 20 | 50 | HW-250# | CRE2-6-20/50 | MJ-58×4 | PACK-A |
| 20 | Φ10 | HW-250# | CRE2-6-20/D10 | MJ-58×4 | PACK-A |
| 20 | 70 | HW-250# | CRE2-6-20/70 | MJ-58×4 | PACK-A |
| 20 | 95 | HW-300# | CRE2-6-20/95 | MJ-58×4 | PACK-A |
| 20 | 120 | HW-300# | CRE2-6-20/120 | MJ-58×4 | PACK-A |
| 20 | 150 | HW-300# | CRE2-6-20/150 | MJ-58×4 | PACK-A |
| 20 | 185 | HW-150#+200# | CRE2-7-20/85 | MJ-58×4 | PACK-A |
| 20 | 240 | HW-150#+200# | CRE2-7-20/240 | MJ-58×4 | PACK-A |
| 25 | 35 | HW-250# | CRE2-6-25/35 | MJ-58×4 | PACK-A |
| 25 | Φ8 | HW-300# | CRE2-6-25/D8 | MJ-58×4 | PACK-A |
| 25 | 50 | HW-300# | CRE2-6-25/50 | MJ-58×4 | PACK-A |
| 25 | Φ10 | HW-300# | CRE2-6-25/D10 | MJ-58×4 | PACK-A |
| 25 | 70 | HW-300# | CRE2-6-25/70 | MJ-58×4 | PACK-A |
| 25 | 95 | HW-300# | CRE2-6-25/95 | MJ-58×4 | PACK-A |
| 25 | 120 | HW-300# | CRE2-6-25/120 | MJ-58×4 | PACK-A |
| 25 | 150 | HW-150#+200# | CRE2-7-25/150 | MJ-58×4 | PACK-A |
| 25 | 185 | HW-150#+200# | CRE2-7-25/185 | MJ-58×4 | PACK-A |
| 25 | 240 | 2×HW-200# | CRE2-7-25/240 | MJ-58×4 | PACK-A |
| 32 | 50 | HW-150#+200# | CRE2-7-32/50 | MJ-76×4 | PACK-A |
| 32 | Φ10 | 2×HW-200# | CRE2-7-32/D10 | MJ-76×4 | PACK-A |
| 32 | 70 | 2×HW-200# | CRE2-7-32/70 | MJ-76×4 | PACK-A |
| 32 | 95 | 2×HW-200# | CRE2-7-32/95 | MJ-76×4 | PACK-A |
| 32 | 120 | 2×HW-200# | CRE2-7-32/120 | MJ-76×4 | PACK-A |
| 32 | 150 | HW-250#+200# | CRE2-8-32/150 | MJ-76×4 | PACK-A |
| 32 | 185 | HW-250#+200# | CRE2-8-32/185 | MJ-76×4 | PACK-A |
| 32 | 240 | 2×HW-250# | CRE2-8-32/240 | MJ-76×4 | PACK-A |

必须切割打磨掉螺纹钢的筋，以防止渗漏，需将高温石棉置于钢筋与导线和模具之间，高温棉开口处对齐钢筋清洁部位。

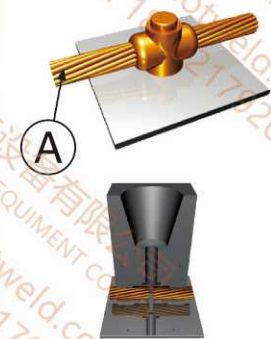
| Ⓐ mm×mm |  |  |  |
|------------|---|---|--|
| 50 | HW-90# | CS1-5-50 | MJ-58×4 |
| Φ10mm | HW-90# | CS1-5-D10 | MJ-58×4 |
| 70 | HW-115# | CS1-5-70 | MJ-58×4 |
| Φ12mm | HW-115# | CS1-5-D12 | MJ-58×4 |
| 95 | HW-115# | CS1-5-95 | MJ-58×4 |
| 120(Φ14) | HW-150# | CS1-5-120 | MJ-58×4 |
| 150(Φ16) | HW-150# | CS1-5-150 | MJ-58×4 |
| 185 | HW-200# | CS1-5-185 | MJ-58×4 |
| 240 | HW-250# | CS1-6-240 | MJ-58×4 |
| 300 | HW-300# | CS1-6-300 | MJ-58×4 |





HCS1



| Ⓐ mm×mm |  |  |  |
|------------|---|---|--|
| 50 | HW-115# | CS2-5-50 | MJ-58×4 |
| Φ10mm | HW-115# | CS2-5-D10 | MJ-58×4 |
| 70 | HW-150# | CS2-5-70 | MJ-58×4 |
| Φ12mm | HW-150# | CS2-5-D12 | MJ-58×4 |
| 95 | HW-150# | CS2-5-95 | MJ-58×4 |
| 120(Φ14) | HW-200# | CS2-5-120 | MJ-58×4 |
| 150(Φ16) | HW-200# | CS2-5-150 | MJ-58×4 |
| 185 | HW-250# | CS2-6-185 | MJ-58×4 |
| 240 | HW-300# | CS2-6-240 | MJ-58×4 |
| 300 | 2×HW-200# | CS2-7-300 | MJ-58×4 |

HCS2



| Ⓐ mm×mm |  |  | MINI  |  |
|------------|---|---|---|--|
| 16 | HW-45# | CS3-5-16 | CS3-3-16 | MJ-58×4 |
| 25 | HW-65# | CS3-5-25 | CS3-3-25 | MJ-58×4 |
| 35 | HW-65# | CS3-5-35 | CS3-3-35 | MJ-58×4 |
| Φ8mm | HW-90# | CS3-5-D8 | - | MJ-58×4 |
| 50 | HW-90# | CS3-5-50 | - | MJ-58×4 |
| Φ10mm | HW-115# | CS3-5-D10 | - | MJ-58×4 |
| 70 | HW-150# | CS3-5-D10 | - | MJ-58×4 |
| Φ12mm | HW-150# | CS3-5-D12 | - | MJ-58×4 |
| 95 | HW-150# | CS3-5-95 | - | MJ-58×4 |
| 120(Φ14) | HW-150# | CS3-5-120 | - | MJ-58×4 |
| 150(Φ16) | HW-200# | CS3-5-150 | - | MJ-58×4 |
| 185 | HW-250# | CS3-6-185 | - | MJ-58×4 |
| 240 | HW-250# | CS3-6-240 | - | MJ-58×4 |

HCS3



焊接前需将板材表面打磨平整光滑，如为热镀锌板材，需将镀锌层打磨掉，焊接前必须将模具固定至板材上，可使用F型辅助夹具固定，如条件不允许，可使用人力或其他办法固定模具，焊接全过程不得松动模具，导线边缘须放置于熔接腔的中心位置。

HCS7



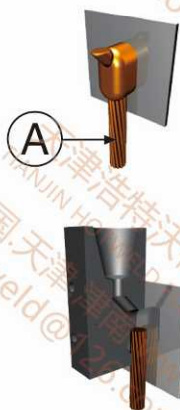
| Ⓐ mm×mm | | | MINI | |
|------------|-----------|-----------|----------|---------|
| 16 | HW-65# | CS7-5-16 | CS7-3-16 | MJ-58×4 |
| 25 | HW-65# | CS7-5-25 | CS7-3-25 | MJ-58×4 |
| 35 | HW-65# | CS7-5-35 | CS7-3-35 | MJ-58×4 |
| Φ8mm | HW-90# | CS7-5-D8 | - | MJ-58×4 |
| 50 | HW-90# | CS7-5-50 | - | MJ-58×4 |
| Φ10mm | HW-115# | CS7-5-D10 | - | MJ-58×4 |
| 70 | HW-150# | CS7-5-D10 | - | MJ-58×4 |
| Φ12mm | HW-200# | CS7-5-D12 | - | MJ-58×4 |
| 95 | HW-200# | CS7-5-95 | - | MJ-58×4 |
| 120(Φ14) | HW-200# | CS7-5-120 | - | MJ-58×4 |
| 150(Φ16) | HW-250# | CS7-6-150 | - | MJ-58×4 |
| 185 | HW-300# | CS7-6-185 | - | MJ-58×4 |
| 240 | HW-300# | CS7-7-240 | - | MJ-58×4 |
| 300 | 2×HW-200# | CS7-7-185 | - | MJ-58×4 |

HCS9







| Ⓐ mm×mm | | | | |
|------------|-------------|-----------|-----------|---------|
| 50 | HW-115# | CS9-5-50 | CS9-5-50 | MJ-58×4 |
| Φ10mm | HW-115# | CS9-5-D10 | CS9-5-D10 | MJ-58×4 |
| 70 | HW-150# | CS9-5-70 | CS9-5-70 | MJ-58×4 |
| Φ12mm | HW-150# | CS9-5-D12 | CS9-5-D12 | MJ-58×4 |
| 95 | HW-150# | CS9-5-95 | CS9-5-95 | MJ-58×4 |
| 120(Φ14) | HW-200# | CS9-5-120 | CS9-5-120 | MJ-58×4 |
| 150(Φ16) | HW-250# | CS9-6-150 | CS9-6-150 | MJ-58×4 |
| 185 | HW-300# | CS9-6-185 | CS9-6-185 | MJ-58×4 |
| 240 | HW-300# | CS9-6-240 | CS9-6-240 | MJ-58×4 |
| 300 | HW-150+200# | CS9-7-300 | CS9-7-300 | MJ-58×4 |

HCS25

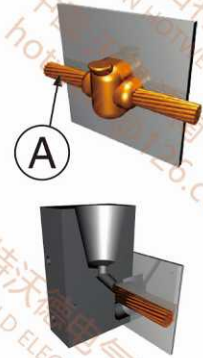



| Ⓐ mm×mm | | | MINI | |
|------------|-------------|------------|-----------|---------|
| 16 | HW-45# | CS25-5-16 | CS25-3-16 | MJ-58×4 |
| 25 | HW-45# | CS25-5-25 | CS25-3-25 | MJ-58×4 |
| 35 | HW-65# | CS25-5-35 | CS25-3-35 | MJ-58×4 |
| Φ8mm | HW-65# | CS25-5-D8 | - | MJ-58×4 |
| 50 | HW-90# | CS25-5-50 | - | MJ-58×4 |
| Φ10mm | HW-115# | CS25-5-D10 | - | MJ-58×4 |
| 70 | HW-150# | CS25-5-D10 | - | MJ-58×4 |
| Φ12mm | HW-150# | CS25-5-D12 | - | MJ-58×4 |
| 95 | HW-150# | CS25-5-95 | - | MJ-58×4 |
| 120(Φ14) | HW-150# | CS25-5-120 | - | MJ-58×4 |
| 150(Φ16) | HW-200# | CS25-5-150 | - | MJ-58×4 |
| 185 | HW-250# | CS25-6-185 | - | MJ-58×4 |
| 240 | HW-300# | CS25-6-240 | - | MJ-58×4 |
| 300 | HW-150+200# | CS25-7-300 | - | MJ-58×4 |

焊接前需将板材表面打磨平整光滑，如为热镀锌板材，需将镀锌层打磨掉，焊接前必须将模具固定至板材上，可使用F型辅助夹具固定，如条件不允许，可使用人力或其他办法固定模具，焊接全过程不得松动模具，导线边缘须放置于熔接腔的中心位置。

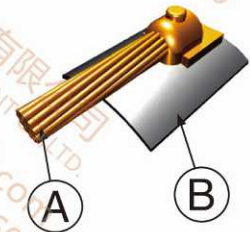
| (A) mm×mm |  |  | MINI  |  |
|--------------|---|---|---|--|
| 16 | HW-45# | CS27-5-16 | CS27-3-16 | MJ-58×4 |
| 25 | HW-45# | CS27-5-25 | CS27-3-25 | MJ-58×4 |
| 35 | HW-65# | CS27-5-35 | CS27-3-35 | MJ-58×4 |
| Φ8mm | HW-65# | CS27-5-D8 | - | MJ-58×4 |
| 50 | HW-90# | CS27-5-50 | - | MJ-58×4 |
| Φ10mm | HW-115# | CS27-5-D10 | - | MJ-58×4 |
| 70 | HW-115# | CS27-5-D10 | - | MJ-58×4 |
| Φ12mm | HW-150# | CS27-5-D12 | - | MJ-58×4 |
| 95 | HW-150# | CS27-5-95 | - | MJ-58×4 |
| 120(Φ14) | HW-200# | CS27-5-120 | - | MJ-58×4 |
| 150(Φ16) | HW-250# | CS27-6-150 | - | MJ-58×4 |
| 185 | HW-300# | CS27-6-185 | - | MJ-58×4 |
| 240 | HW-300# | CS27-6-240 | - | MJ-58×4 |
| 300 | 2×HW-200# | CS27-7-300 | - | MJ-58×4 |

HCS27



| (A) mm×mm | (B) mm×mm |  |  |  |
|--------------|--------------|---|---|--|
| 50 | Φ50 | HW-90# | CS32-5-50/D50 | MJ-58×4 |
| Φ10mm | Φ50 | HW-115# | CS32-5-D10/D50 | MJ-58×4 |
| 70 | Φ50 | HW-115# | CS32-5-D10/D50 | MJ-58×4 |
| Φ12mm | Φ50 | HW-150# | CS32-5-D12/D50 | MJ-58×4 |
| 95 | Φ50 | HW-150# | CS32-5-95/D50 | MJ-58×4 |
| 120(Φ14) | Φ50 | HW-150# | CS32-5-120/D50 | MJ-58×4 |
| 150(Φ16) | Φ50 | HW-200# | CS32-5-150/D50 | MJ-58×4 |
| 185 | Φ50 | HW-250# | CS32-6-185/D50 | MJ-58×4 |
| 240 | Φ50 | HW-250# | CS32-6-240/D50 | MJ-58×4 |
| 300 | Φ50 | HW-250# | CS32-6-300/D50 | MJ-58×4 |
| 50 | Φ100 | HW-115# | CS32-5-50/D100 | MJ-58×4 |
| Φ10mm | Φ100 | HW-115# | CS32-5-D10/D100 | MJ-58×4 |
| 70 | Φ100 | HW-150# | CS32-5-D10/D100 | MJ-58×4 |
| Φ12mm | Φ100 | HW-150# | CS32-5-D12/D100 | MJ-58×4 |
| 95 | Φ100 | HW-200# | CS32-5-95/D100 | MJ-58×4 |
| 120(Φ14) | Φ100 | HW-250# | CS32-6-120/D100 | MJ-58×4 |
| 150(Φ16) | Φ100 | HW-250# | CS32-6-150/D100 | MJ-58×4 |
| 185 | Φ100 | HW-300# | CS32-6-185/D100 | MJ-58×4 |
| 240 | Φ100 | HW-300# | CS32-6-240/D100 | MJ-58×4 |
| 300 | Φ100 | 2×HW-200# | CS32-7-300/D100 | MJ-58×4 |
| 50 | Φ114 | HW-150# | CS32-5-50/D114 | MJ-58×4 |
| Φ10mm | Φ114 | HW-150# | CS32-5-D10/D114 | MJ-58×4 |
| 70 | Φ114 | HW-150# | CS32-5-D10/D114 | MJ-58×4 |
| Φ12mm | Φ114 | HW-150# | CS32-5-D12/D114 | MJ-58×4 |
| 95 | Φ114 | HW-200# | CS32-5-95/D114 | MJ-58×4 |
| 120(Φ14) | Φ114 | HW-250# | CS32-6-120/D114 | MJ-58×4 |
| 150(Φ16) | Φ114 | HW-250# | CS32-6-150/D114 | MJ-58×4 |
| 185 | Φ114 | HW-300# | CS32-6-185/D114 | MJ-58×4 |
| 240 | Φ114 | HW-300# | CS32-6-240/D114 | MJ-58×4 |
| 300 | Φ114 | 2×HW-200# | CS32-7-300/D114 | MJ-58×4 |

HCS32



焊接前需将铜/钢管表面打磨平整光滑，如为热镀锌管材，需将镀锌层打磨掉，为防止管壁被焊穿，壁厚小于3mm的铜管及壁厚小于4mm的钢管必须填充特制高纯石墨棒后方可焊接。

HOTWELD放热焊接系统
HOTWELD Exothermic Welding system

HCS34



| A mm×mm | B mm×mm | | | |
|------------|------------|-----------|-----------------|---------|
| 50 | Φ50 | HW-115# | CS34-5-50/D50 | MJ-58×4 |
| Φ10mm | Φ50 | HW-115# | CS34-5-D10/D50 | MJ-58×4 |
| 70 | Φ50 | HW-150# | CS34-5-70/D50 | MJ-58×4 |
| Φ12mm | Φ50 | HW-150# | CS34-5-D12/D50 | MJ-58×4 |
| 95 | Φ50 | HW-200# | CS34-5-95/D50 | MJ-58×4 |
| 120(Φ14) | Φ50 | HW-250# | CS34-6-120/D50 | MJ-58×4 |
| 150(Φ16) | Φ50 | HW-250# | CS34-6-150/D50 | MJ-58×4 |
| 185 | Φ50 | HW-300# | CS34-6-185/D50 | MJ-58×4 |
| 240 | Φ50 | 2×HW-200# | CS34-7-240/D50 | MJ-58×4 |
| 300 | Φ50 | 2×HW-200# | CS34-7-300/D50 | MJ-58×4 |
| 50 | Φ100 | HW-115# | CS34-5-50/D100 | MJ-58×4 |
| Φ10mm | Φ100 | HW-150# | CS34-5-D10/D100 | MJ-58×4 |
| 70 | Φ100 | HW-150# | CS34-5-70/D100 | MJ-58×4 |
| Φ12mm | Φ100 | HW-200# | CS34-5-D12/D100 | MJ-58×4 |
| 95 | Φ100 | HW-200# | CS34-5-95/D100 | MJ-58×4 |
| 120(Φ14) | Φ100 | HW-250# | CS34-6-120/D100 | MJ-58×4 |
| 150(Φ16) | Φ100 | HW-250# | CS34-6-150/D100 | MJ-58×4 |
| 185 | Φ100 | HW-300# | CS34-6-185/D100 | MJ-58×4 |
| 240 | Φ100 | 2×HW-200# | CS34-7-240/D100 | MJ-58×4 |
| 300 | Φ100 | 2×HW-200# | CS34-7-300/D100 | MJ-58×4 |
| 50 | Φ114 | HW-150# | CS34-5-50/D114 | MJ-58×4 |
| Φ10mm | Φ114 | HW-150# | CS34-5-70/D114 | MJ-58×4 |
| 70 | Φ114 | HW-200# | CS34-5-D10/D114 | MJ-58×4 |
| Φ12mm | Φ114 | HW-200# | CS34-5-D12/D114 | MJ-58×4 |
| 95 | Φ114 | HW-200# | CS34-5-95/D114 | MJ-58×4 |
| 120(Φ14) | Φ114 | HW-250# | CS34-6-120/D114 | MJ-58×4 |
| 150(Φ16) | Φ114 | HW-250# | CS34-6-150/D114 | MJ-58×4 |
| 185 | Φ114 | HW-300# | CS34-6-185/D114 | MJ-58×4 |
| 240 | Φ114 | 2×HW-200# | CS34-7-240/D114 | MJ-58×4 |
| 300 | Φ114 | 2×HW-200# | CS34-7-300/D114 | MJ-58×4 |

焊接前需将铜/钢管表面打磨平整光滑，如为热镀锌管材，需将镀锌层打磨掉，为防止管壁被焊穿，壁厚小于2mm的铜管及壁厚小于3mm的钢管必须填充特制高纯石墨棒后方可焊接。

HR12



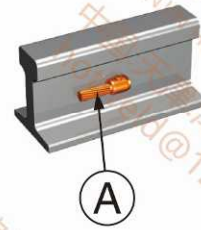
| A mm×mm | | | | | |
|------------|-----------|-----------------|----------------|---------|-----------|
| 16 | 2×HW-45# | R12-8-16 (L/R) | MJ-58×4+MJ-FGG | 2×SV16 | ZXTT-D16 |
| 25 | 2×HW-65# | R12-8-25 (L/R) | MJ-58×4+MJ-FGG | 2×SV25 | ZXTT-D25 |
| 35 | 2×HW-65# | R12-8-35 (L/R) | MJ-58×4+MJ-FGG | 2×SV35 | ZXTT-D35 |
| 50 | 2×HW-90# | R12-8-50 (L/R) | MJ-58×4+MJ-FGG | 2×SV50 | ZXTT-D50 |
| 70 | 2×HW-115# | R12-8-70 (L/R) | MJ-58×4+MJ-FGG | 2×SV70 | ZXTT-D70 |
| 95 | 2×HW-150# | R12-8-95 (L/R) | MJ-58×4+MJ-FGG | 2×SV95 | ZXTT-D95 |
| 120 | 2×HW-200# | R12-8-120 (L/R) | MJ-58×4+MJ-FGG | 2×SV120 | ZXTT-D120 |
| 150 | 2×HW-200# | R12-8-150 (L/R) | MJ-58×4+MJ-FGG | 2×SV150 | ZXTT-D150 |
| 185 | 2×HW-250# | R12-9-185 (L/R) | MJ-58×4+MJ-FGG | 2×SV185 | ZXTT-D185 |

导线（回流线）端头使用专用铜套管后，使用锤铸模敲击整形后方可焊接，必须使用轨道模具夹。

| Ⓐ mm×mm | | | | | |
|------------|---------|-----------|----------------|-------|-----------|
| 16 | HW-65# | R4-7-16L | MJ-58×4+MJ-FGG | SV16 | ZXTT-D16 |
| 16 | HW-65# | R4-7-16R | MJ-58×4+MJ-FGG | SV16 | ZXTT-D16 |
| 25 | HW-65# | R4-7-25L | MJ-58×4+MJ-FGG | SV25 | ZXTT-D25 |
| 25 | HW-65# | R4-7-25R | MJ-58×4+MJ-FGG | SV25 | ZXTT-D25 |
| 35 | HW-90# | R4-7-35L | MJ-58×4+MJ-FGG | SV35 | ZXTT-D35 |
| 35 | HW-90# | R4-7-35R | MJ-58×4+MJ-FGG | SV35 | ZXTT-D35 |
| 50 | HW-115# | R4-7-50L | MJ-58×4+MJ-FGG | SV50 | ZXTT-D50 |
| 50 | HW-115# | R4-7-50R | MJ-58×4+MJ-FGG | SV50 | ZXTT-D50 |
| 70 | HW-150# | R4-7-70L | MJ-58×4+MJ-FGG | SV70 | ZXTT-D70 |
| 70 | HW-150# | R4-7-70R | MJ-58×4+MJ-FGG | SV70 | ZXTT-D70 |
| 95 | HW-150# | R4-7-95L | MJ-58×4+MJ-FGG | SV95 | ZXTT-D95 |
| 95 | HW-150# | R4-7-95R | MJ-58×4+MJ-FGG | SV95 | ZXTT-D95 |
| 120 | HW-200# | R4-7-120L | MJ-58×4+MJ-FGG | SV120 | ZXTT-D120 |
| 120 | HW-200# | R4-7-120R | MJ-58×4+MJ-FGG | SV120 | ZXTT-D120 |
| 150 | HW-200# | R4-7-150L | MJ-58×4+MJ-FGG | SV150 | ZXTT-D150 |
| 150 | HW-200# | R4-7-150R | MJ-58×4+MJ-FGG | SV150 | ZXTT-D150 |
| 185 | HW-250# | R4-7-185L | MJ-58×4+MJ-FGG | SV185 | ZXTT-D185 |
| 185 | HW-250# | R4-7-185R | MJ-58×4+MJ-FGG | SV185 | ZXTT-D185 |
| 185 | HW-250# | R4-7-185L | MJ-58×4+MJ-FGG | SV240 | ZXTT-D240 |
| 185 | HW-250# | R4-7-185R | MJ-58×4+MJ-FGG | SV240 | ZXTT-D240 |

导线（回流线）端头使用专用铜套管后，使用锤铸模敲击整形后方可焊接，必须使用轨道模具夹。

HR4



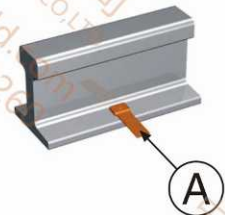
导体与钢轨连接

CABLE-RAIL
CONNECTION

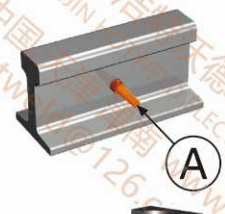
| Ⓐ mm×mm | | | |
|------------|---------|----------|----------------|
| 20×3 | HW-65# | R6-5-203 | MJ-58×4+MJ-FGG |
| 20×4 | HW-65# | R6-5-204 | MJ-58×4+MJ-FGG |
| 20×5 | HW-90# | R6-5-205 | MJ-58×4+MJ-FGG |
| 25×4 | HW-115# | R6-5-254 | MJ-58×4+MJ-FGG |
| 30×3 | HW-115# | R6-5-303 | MJ-58×4+MJ-FGG |
| 30×4 | HW-150# | R6-5-304 | MJ-58×4+MJ-FGG |

必须使用轨道模具夹。

HR6



HR8



| Ⓐ mm×mm | | | |
|------------|---------|----------|----------------|
| M6 | HW-65# | R8-5-M6 | MJ-58×4+MJ-FGG |
| M8 | HW-65# | R8-5-M8 | MJ-58×4+MJ-FGG |
| M10 | HW-90# | R8-5-M10 | MJ-58×4+MJ-FGG |
| M12 | HW-115# | R8-5-M12 | MJ-58×4+MJ-FGG |
| M14 | HW-150# | R8-5-M14 | MJ-58×4+MJ-FGG |
| M16 | HW-150# | R8-5-M16 | MJ-58×4+MJ-FGG |

必须使用轨道模具夹。