

六、OPGW光缆用耐张线夹 Sixth, OPGW cable with tension clamp

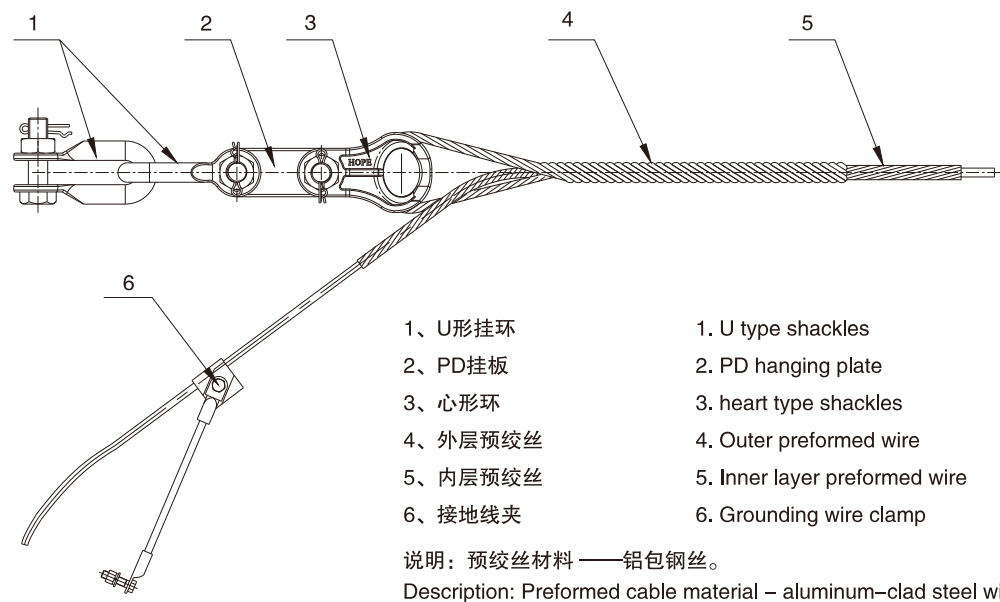


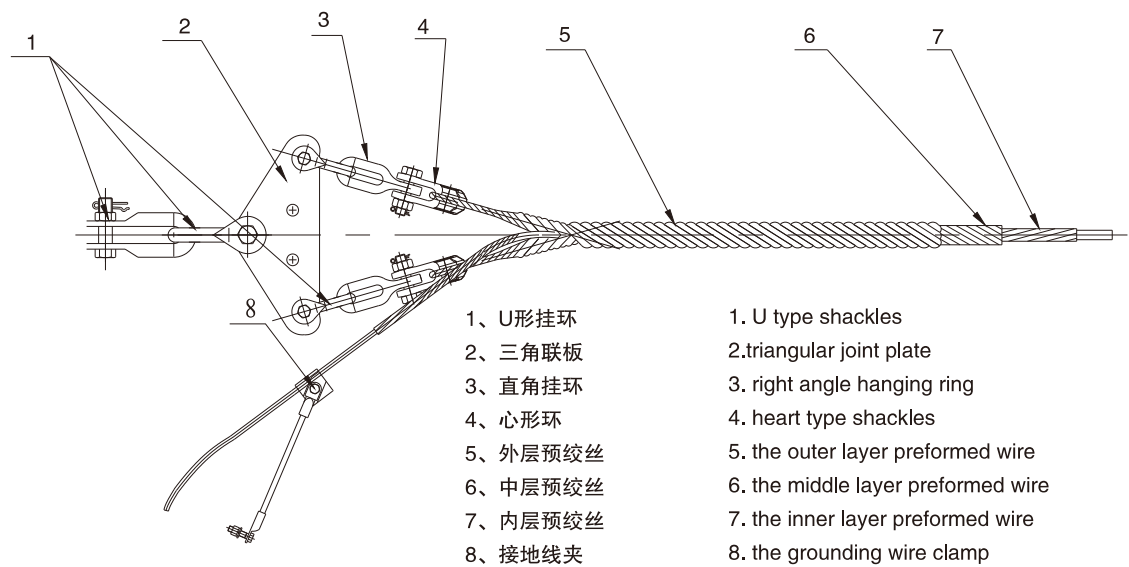
表6.1 规格 Table 6.1 Specifications

| 规格<br>Specifi-<br>cations | 直径范围Diameter range        |                           | 外层预绞丝长度(mm)<br>Outer preformed<br>wire length<br>(mm) | 内层预绞丝长度(mm)<br>Inner layer preformed<br>wire length<br>(mm) | 重量<br>(kg)<br>Weight<br>(kg) | 破断强度(KN)<br>Breaking<br>strength<br>(KN) | 通用配置 General configuration                                                |                               |                                                                           |
|---------------------------|---------------------------|---------------------------|-------------------------------------------------------|-------------------------------------------------------------|------------------------------|------------------------------------------|---------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------|
|                           | 最小(mm)<br>Minimum<br>(mm) | 最大(mm)<br>Maximum<br>(mm) |                                                       |                                                             |                              |                                          | 挂板<br>Hanging plate                                                       | 心形环<br>heart type<br>shackles | U型挂环<br>U-shaped rin                                                      |
| ONY0780                   | 7.2                       | 7.8                       | 1400                                                  | 1000                                                        | 1.10                         | 70                                       | 参照附录一<br>对照表选配<br>Refer to Appendix<br>1 for comparison<br>table matching | TC 07                         | 参照附录一<br>对照表选配<br>Refer to Appendix<br>1 for comparison<br>table matching |
| ONY0880                   | 7.9                       | 8.8                       | 1400                                                  | 1000                                                        | 1.15                         | 70                                       |                                                                           | TC 07                         |                                                                           |
| ONY1010                   | 8.9                       | 10.1                      | 1400                                                  | 1000                                                        | 1.28                         | 70                                       |                                                                           | TC 07                         |                                                                           |
| ONY1140                   | 10.2                      | 11.4                      | 1540                                                  | 1120                                                        | 1.70                         | 90                                       |                                                                           | TC 10                         |                                                                           |
| ONY1280                   | 11.5                      | 12.8                      | 1620                                                  | 1200                                                        | 2.41                         | 112                                      |                                                                           | TC 12                         |                                                                           |
| ONY1410                   | 12.9                      | 14.1                      | 1660                                                  | 1240                                                        | 2.55                         | 112                                      |                                                                           | TC 12                         |                                                                           |
| ONY1550                   | 14.2                      | 15.5                      | 1840                                                  | 1360                                                        | 2.89                         | 112                                      |                                                                           | TC 12                         |                                                                           |
| ONY1730                   | 15.6                      | 17.3                      | 2000                                                  | 1480                                                        | 3.61                         | 112                                      |                                                                           | TC 12                         |                                                                           |
| ONY1920                   | 17.4                      | 19.2                      | 2400                                                  | 1800                                                        | 4.68                         | 112                                      |                                                                           | TC 12                         |                                                                           |
| ONY2110                   | 19.3                      | 21.1                      | 2600                                                  | 2000                                                        | 5.14                         | 112                                      |                                                                           | TC 12                         |                                                                           |

注： 1、以上配置为通用配置，如用其它连接金具请参阅附录，并特别说明。  
2、以上未列出公司全部产品，如有需求可咨询公司技术部。

Note: 1. The above configuration is a common configuration. For other connection fittings, please refer to the appendix and specify.  
2. The company does not list all the products of the company. If you have any requirements, you can consult the technical department of the company.

七、OPGW光缆用双耐张线夹 Seven, OPGW cable with double tension clamp



- 1、U形挂环

2、三角联板

3、直角挂环

4、心形环

5、外层预绞丝

6、中层预绞丝

7、内层预绞丝

8、接地线夹
1. U type shackles

2. triangular joint plate

3. right angle hanging ring

4. heart type shackles

5. the outer layer preformed wire

6. the middle layer preformed wire

7. the inner layer preformed wire

8. the grounding wire clamp

说明：预绞丝材料铝包钢丝。  
Description: Preformed wire material aluminum-clad steel wire.

特点：Characteristics:

- 1) 预绞式双耐张线夹采用三层预绞丝设计，有效地提供了线夹的机械强度；

2) 用于光缆承受机械强度大的大跨距、高落差等特殊设计运行线路中；而且不受线路转角等条件限制；
- 1) The preformed double-resistance clamp has a three-layer preformed wire design, which effectively provides the mechanical strength of the clamp;

2) It is used in special design operation lines such as large span and high drop with high mechanical strength; it is not subject to conditions such as line corner;oes not list all the products of the company. If you have any requirements, you can consult the technical department of the company.

| 规格<br>Specifications | 内层预绞丝长度(mm)<br>Inner layer preformed<br>wire length<br>(mm) | 中层预绞丝长度(mm)<br>Middle layer<br>preformed wire<br>length (mm) | 外层预绞丝长度(mm)<br>Outer preformed<br>wire length<br>(mm) | 重量<br>(kg)<br>Weight<br>(kg) | 破断强度(KN)<br>Breaking<br>strength<br>(KN) | 通用配置 General configuration                     |                               |                                                                           |
|----------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|------------------------------|------------------------------------------|------------------------------------------------|-------------------------------|---------------------------------------------------------------------------|
|                      |                                                             |                                                              |                                                       |                              |                                          | 三角联板<br>Triangle plate                         | 心形环<br>heart type<br>shackles | U型挂环<br>U-shaped rin                                                      |
| ONS-160- **          | 2400                                                        | 1800                                                         | 1600                                                  | 14.8                         | 160                                      | 参照表7.2选配<br>Refer to Table<br>7.2 for matching | TC 10                         | 参照附录一<br>对照表选配<br>Refer to Appendix<br>1 for comparison<br>table matching |
| ONS-210- **          | 2800                                                        | 2200                                                         | 2000                                                  | 20.6                         | 210                                      |                                                | TC 12                         |                                                                           |
| ONS-250- **          | 3100                                                        | 2400                                                         | 2200                                                  | 27.0                         | 250                                      |                                                | TC 16                         |                                                                           |
| ONS-320- **          | 3200                                                        | 2600                                                         | 2400                                                  | 33.5                         | 320                                      |                                                | TC 16                         |                                                                           |

注：1、以上配置为通用配置，如用其它连接金具请参阅附录，并特别说明。  
2、以上未列出公司全部产品，如有需求可咨询公司技术部。  
Note: 1. The above configuration is a common configuration. For other connection fittings, please refer to the appendix and specify.  
2. The company does not list all the products of the company. If you have any requirements, you can consult the technical department of the company.

双耐张线夹用联板 Double tension clamp

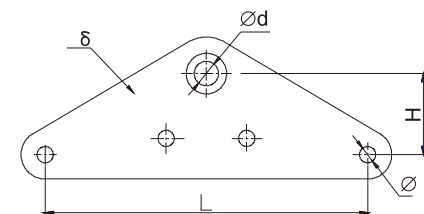
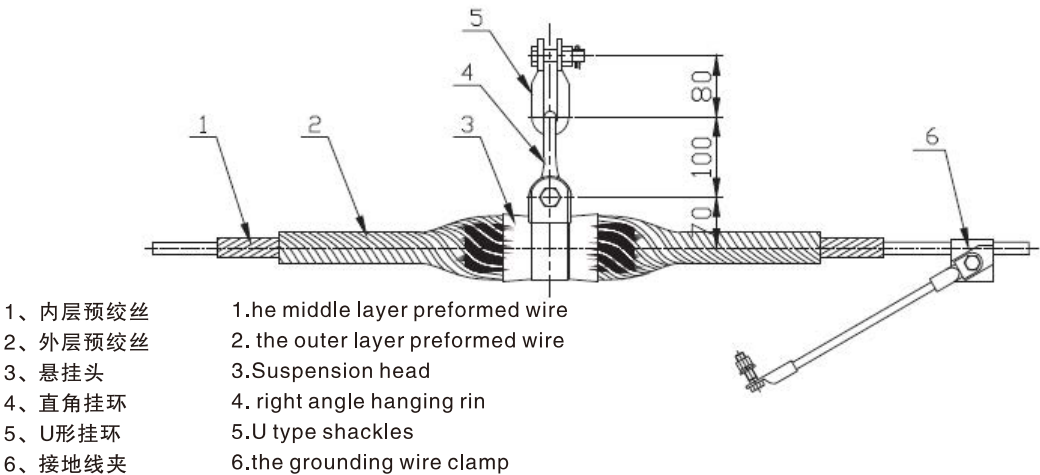


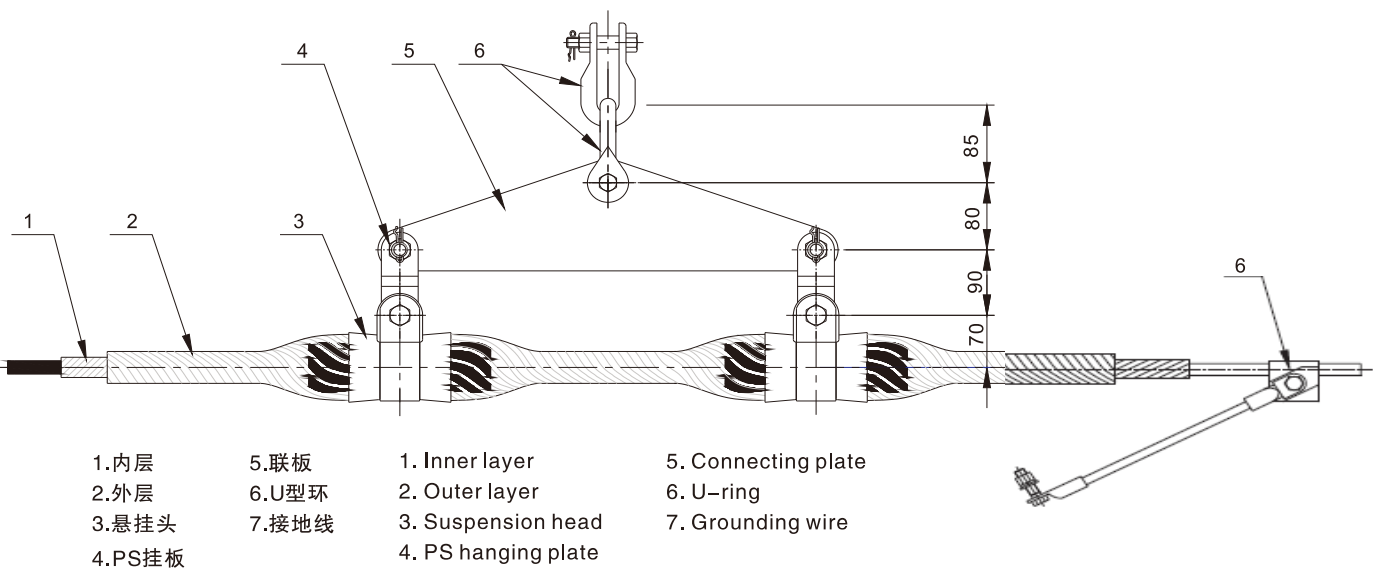
表7.2 Table 7.2

| 型号<br>Model | 主要尺寸(mm)Main dimensions (mm) |     |    |    |     | 破坏载荷(KN)<br>Destructive load<br>(KN) | 重量(Kg)<br>Weight (Kg) |
|-------------|------------------------------|-----|----|----|-----|--------------------------------------|-----------------------|
|             | δ                            | H   | φ  | d  | φ L |                                      |                       |
| L-1625      | 18                           | 100 | 26 | 20 | 250 | 160                                  | 4.4                   |
| L-2125      | 16                           | 100 | 26 | 20 | 250 | 210                                  | 4.7                   |
| L-2525      | 16                           | 110 | 30 | 24 | 250 | 250                                  | 5.9                   |
| L-3225      | 18                           | 110 | 33 | 26 | 250 | 320                                  | 7.0                   |

八、OPGW光缆用悬垂. 双悬垂线夹 Eight, OPGW cable suspension. Double suspension clamp



单悬垂线夹(表8.2) Single suspension clamp (Table 8.2)



双悬垂线夹 (表8.3) Double suspension clamp (Table 8.3)

说明：预绞丝材料为铝合金。Description: The preformed wire material is aluminum alloy

8.1 OPGW双悬垂线夹用联板选型表

8.1 OPGW double suspension clamp for the board selection table

| 规格<br>Specifications | 适用缆径(mm)<br>Applicable cable diameter<br>(mm) | 长度(mm)<br>length(mm) | 重量(kg)<br>Weight(kg) | 备注<br>Remarks |
|----------------------|-----------------------------------------------|----------------------|----------------------|---------------|
| L1040                | 7.4-11.6                                      | 400                  | 4.40                 |               |
| L-1245               | 11.7-15.8                                     | 450                  | 5.00                 |               |
| HPL-560              | 15.9-19.9                                     | 560                  | 8.13                 |               |

表8.2 单悬垂线夹规格（单悬垂线夹握力不小于光缆的额定抗拉强度的18%）  
Table 8.2 Single Suspension Clamp Specifications (single suspension clamp grip strength is not less than 18% of the rated tensile strength of the cable)

| 规格<br>Specifications | 缆径范围 (mm)<br>Cable diameter range (mm) | 内层长度 (mm)<br>Inner layer length (mm) | 外层长度(mm)<br>Outer layer length (mm) | 线夹重量(kg)<br>Clamp weight (kg) | 色码<br>Color code | 配置Configuration                                                                                                    |                                                               |
|----------------------|----------------------------------------|--------------------------------------|-------------------------------------|-------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                      |                                        |                                      |                                     |                               |                  | 悬挂头<br>Suspension head                                                                                             | 联接金具<br>Connection fittings                                   |
| OXY 0800             | 7.4-8.0                                | 1640                                 | 1040                                | 1.06                          | 蓝色               | 参照表 16.3<br>Refer to Table 16.3<br>悬挂头<br>Suspension head<br>适用缆径对照表<br>Applicable cable diameter comparison table | 参照附录一<br>Refer to Appendix I<br>对照表选配<br>Match table matching |
| OXY 0880             | 8.1-8.8                                | 1640                                 | 1040                                | 1.06                          | 绿色               |                                                                                                                    |                                                               |
| OXY 0960             | 8.9-9.6                                | 1640                                 | 1040                                | 1.19                          | 黄色               |                                                                                                                    |                                                               |
| OXY 1010             | 9.7-10.1                               | 1670                                 | 1070                                | 1.21                          | 黑色               |                                                                                                                    |                                                               |
| OXY 1060             | 10.2-10.6                              | 1670                                 | 1070                                | 1.27                          | 白色               |                                                                                                                    |                                                               |
| OXY 1110             | 10.7-11.1                              | 1700                                 | 1080                                | 1.28                          | 红色               |                                                                                                                    |                                                               |
| OXY 1160             | 11.2-11.6                              | 1730                                 | 1100                                | 1.39                          | 蓝色               |                                                                                                                    |                                                               |
| OXY 1170             | 11.7-11.7                              | 1840                                 | 1240                                | 1.88                          | 绿色               |                                                                                                                    |                                                               |
| OXY 1200             | 11.8-12.0                              | 1840                                 | 1240                                | 1.88                          | 黄色               |                                                                                                                    |                                                               |
| OXY 1270             | 12.1-12.7                              | 1860                                 | 1240                                | 1.89                          | 黑色               |                                                                                                                    |                                                               |
| OXY 1290             | 12.8-12.9                              | 1960                                 | 1240                                | 2.12                          | 白色               |                                                                                                                    |                                                               |
| OXY 1360             | 13.0-13.6                              | 1960                                 | 1320                                | 2.20                          | 红色               |                                                                                                                    |                                                               |
| OXY 1410             | 13.7-14.1                              | 2000                                 | 1320                                | 2.22                          | 蓝色               |                                                                                                                    |                                                               |
| OXY 1430             | 14.2-14.3                              | 2000                                 | 1320                                | 2.22                          | 绿色               |                                                                                                                    |                                                               |
| OXY 1450             | 14.4-14.5                              | 2120                                 | 1440                                | 2.61                          | 黄色               |                                                                                                                    |                                                               |
| OXY 1510             | 14.6-15.1                              | 2120                                 | 1440                                | 2.62                          | 黑色               |                                                                                                                    |                                                               |
| OXY 1580             | 15.2-15.8                              | 2180                                 | 1440                                | 2.65                          | 白色               |                                                                                                                    |                                                               |
| OXY 1600             | 15.9-16.0                              | 2400                                 | 1620                                | 3.05                          | 红色               |                                                                                                                    |                                                               |
| OXY 1690             | 16.1-16.9                              | 2400                                 | 1620                                | 3.05                          | 蓝色               |                                                                                                                    |                                                               |
| OXY 1730             | 17.0-17.3                              | 2400                                 | 1620                                | 3.20                          | 绿色               |                                                                                                                    |                                                               |
| OXY 1800             | 17.4-18.0                              | 2400                                 | 1620                                | 3.30                          | 黄色               |                                                                                                                    |                                                               |
| OXY 1840             | 18.1-18.4                              | 2400                                 | 1620                                | 3.30                          | 黑色               |                                                                                                                    |                                                               |
| OXY 1880             | 18.5-18.8                              | 2400                                 | 1620                                | 3.55                          | 白色               |                                                                                                                    |                                                               |
| OXY 1890             | 18.9-18.9                              | 2400                                 | 1620                                | 3.55                          | 红色               |                                                                                                                    |                                                               |
| OXY 1990             | 19.0-19.9                              | 2400                                 | 1620                                | 3.55                          | 蓝色               |                                                                                                                    |                                                               |

表8.3双悬垂线夹规格(双悬垂线夹握力不小于光缆的额定抗拉强度的24%)  
Table 8.3 Double Suspension Clamp Specifications (Double Suspension Clamp Grip is not less than 24% of the rated tensile strength of the cable)

| 规格<br>Specifications | 缆径范围 (mm)<br>Cable diameter range (mm) | 内层长度 (mm)<br>Inner layer length (mm) | 外层长度(mm)<br>Outer layer length (mm) | 线夹重量(kg)<br>Clamp weight (kg) | 色码<br>Color code | 配置Configuration                                                                                                   |                                                               |
|----------------------|----------------------------------------|--------------------------------------|-------------------------------------|-------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                      |                                        |                                      |                                     |                               |                  | 悬挂头<br>Suspension head                                                                                            | 联接金具<br>Connection fittings                                   |
| OXS 0800             | 7.4-8.0                                | 2100                                 | 1600                                | 1.53                          | 蓝色               | 参照表16.3<br>Refer to Table 16.3<br>悬挂头<br>Suspension head<br>适用缆径对照表<br>Applicable cable diameter comparison table | 参照附录一<br>Refer to Appendix I<br>对照表选配<br>Match table matching |
| OXS 0880             | 8.1-8.8                                | 2100                                 | 1600                                | 1.55                          | 绿色               |                                                                                                                   |                                                               |
| OXS 0960             | 8.9-9.6                                | 2200                                 | 1600                                | 1.72                          | 黄色               |                                                                                                                   |                                                               |
| OXS 1010             | 9.7-10.1                               | 2200                                 | 1600                                | 1.72                          | 黑色               |                                                                                                                   |                                                               |
| OXS 1060             | 10.2-10.6                              | 2200                                 | 1600                                | 1.79                          | 白色               |                                                                                                                   |                                                               |
| OXS 1110             | 10.7-11.1                              | 2200                                 | 1600                                | 1.79                          | 红色               |                                                                                                                   |                                                               |
| OXS 1160             | 11.2-11.6                              | 2200                                 | 1600                                | 1.90                          | 蓝色               |                                                                                                                   |                                                               |
| OXS 1170             | 11.7-11.7                              | 2300                                 | 1700                                | 2.49                          | 绿色               |                                                                                                                   |                                                               |
| OXS 1200             | 11.8-12.0                              | 2300                                 | 1700                                | 2.49                          | 黄色               |                                                                                                                   |                                                               |
| OXS 1270             | 12.1-12.7                              | 2300                                 | 1700                                | 2.49                          | 黑色               |                                                                                                                   |                                                               |
| OXS 1290             | 12.8-12.9                              | 2400                                 | 1700                                | 2.78                          | 白色               |                                                                                                                   |                                                               |
| OXS 1360             | 13.0-13.6                              | 2400                                 | 1800                                | 2.89                          | 红色               |                                                                                                                   |                                                               |
| OXS 1410             | 13.7-14.1                              | 2400                                 | 1800                                | 2.89                          | 蓝色               |                                                                                                                   |                                                               |
| OXS 1430             | 14.2-14.3                              | 2400                                 | 1800                                | 2.89                          | 绿色               |                                                                                                                   |                                                               |
| OXS 1450             | 14.4-14.5                              | 2600                                 | 2000                                | 3.46                          | 黄色               |                                                                                                                   |                                                               |
| OXS 1510             | 14.6-15.1                              | 2600                                 | 2000                                | 3.46                          | 黑色               |                                                                                                                   |                                                               |
| OXS 1580             | 15.2-15.8                              | 2600                                 | 2000                                | 3.46                          | 白色               |                                                                                                                   |                                                               |
| OXS 1600             | 15.9-16.0                              | 3100                                 | 2400                                | 4.27                          | 红色               |                                                                                                                   |                                                               |
| OXS 1690             | 16.1-16.9                              | 3100                                 | 2400                                | 4.27                          | 蓝色               |                                                                                                                   |                                                               |
| OXS 1730             | 17.0-17.3                              | 3100                                 | 2400                                | 4.49                          | 绿色               |                                                                                                                   |                                                               |
| OXS 1800             | 17.4-18.0                              | 3100                                 | 2400                                | 4.62                          | 黄色               |                                                                                                                   |                                                               |
| OXS 1840             | 18.1-18.4                              | 3100                                 | 2400                                | 4.62                          | 黑色               |                                                                                                                   |                                                               |
| OXS 1880             | 18.5-18.8                              | 3100                                 | 2400                                | 4.97                          | 白色               |                                                                                                                   |                                                               |
| OXS 1890             | 18.9-18.9                              | 3100                                 | 2400                                | 4.97                          | 红色               |                                                                                                                   |                                                               |
| OXS 1990             | 19.0-19.9                              | 3100                                 | 2400                                | 4.97                          | 蓝色               |                                                                                                                   |                                                               |

说明：1、单悬垂线夹适用最大单边悬垂角为15-18。双悬垂线夹适用单边悬垂角为30-36。2、连接金具请参阅附录选配，并特别说明。  
Note: 1. Single suspension clamp is suitable for maximum unilateral drape angle of 15-18. Double suspension clamps are available with a single side overhang angle of 30-36.  
2. Please refer to the appendix for matching fittings and special instructions.