

| Security (Table No. 1)                                                                                                     | Euro profile cylinder brand "Pfaffenhain" |       |       |        |       |        |       |       |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------|-------|--------|-------|--------|-------|-------|
|                                                                                                                            | Std.4                                     | K4... | V4... | KV4... | W4... | KW4... | J4... | Mod.4 |
| 4.8.2 Minimum number of effective differs<br>1...6: 100 / 300 / 15.000 / 30.000 / 30.000 / 100.000                         | 6                                         | 6     | 6     | 6      | 5     | 6      | 6     | 6     |
| 4.8.3 Minimum number of movable retainers<br>1...6: 2 / 3 / 5 / 5 / 6 / 6                                                  | 6                                         | 6     | 6     | 6      | 6     | 6      | 6     | 6     |
| 4.8.4 Maximum number of steps on the same level<br>1...6: 100 / 70 / 60 / 60 / 60 / 50 %, max. 2 adjacent steps            | 6                                         | 6     | 6     | 6      | 6     | 6      | 6     | 6     |
| 4.8.5 Direct coding on key<br>1...6: yes / yes / no / no / no / no                                                         | 6                                         | 6     | 6     | 6      | 6     | 6      | 6     | 6     |
| 4.8.6 Operation of security mechanism<br>1...3: 1.5 / 1.5 / 1.5 (before testing)<br>4...6: 1.5 / 1.5 / 1.5 (after testing) | 6                                         | 6     | 6     | 6      | 6     | 6      | 6     | 6     |
| 4.8.7 Torque resistance<br>1...6: 2.5 / 5 / 15 / 15 / 15 / 15 Nm                                                           | 6                                         | 6     | 6     | 6      | 6     | 6      | 6     | 6     |
| <b>Resistance (Table No. 2)</b>                                                                                            |                                           |       |       |        |       |        |       |       |
| 4.9.1 Resistance to drilling<br>0...2: - / 5 / 10 min. (total test time)                                                   | 2                                         | 2     | 2     | 2      | 2     | 2      | 2     | 2     |
| 4.9.2 Resistance to attack by chisel                                                                                       | 2                                         | 2     | 2     | 2      | 2     | 2      | 2     | 2     |
| 4.9.3 Resistance to twisting                                                                                               | 2                                         | 2     | 2     | 2      | 2     | 2      | 2     | 2     |
| 4.9.4 Resistance to plug/cylinder extraction<br>0...2: - / 3 / 5 min. (net time allowed)                                   | 0                                         | 0     | 0     | 0      | 0     | 0      | 0     | 2     |
| 4.9.5 Torque resistance of plug and/or cylinder<br>0...2: - / 20 / 30 Nm (max. torque)                                     | 0                                         | 0     | 0     | 0      | 0     | 0      | 0     | 2     |

## Classification

| Cylinder type                                                                                                            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|
| Profile cylinder Standard drill protection (6 pin tumblers)<br>all systems except for System Modular                     | 1 | 6 | 0 | 1 | 0 | C | 6 | 0 |
| Profile cylinder Increased drill protection or<br>VdS approval (6 pin tumblers)<br>all systems except for System Modular | 1 | 6 | 0 | 1 | 0 | C | 6 | 1 |
| Profile cylinder System Modular<br>(6 pin tumblers)                                                                      | 1 | 6 | 0 | 1 | 0 | C | 6 | 2 |

### Definition of classification:

- 1 Category of use
- 2 Durability (corresponds to 100.000 test cycles)
- 3 Door mass (no classification)
- 4 Fire resistance (1 = appropriate for use on fire/smoke resistant doors)
- 5 Safety (no classification)
- 6 Corrosion resistance (C = high corrosion resistance, extreme of temperature: from - 20°C to + 80°C, approved by VdS)
- 7 Security (Table No.1)
- 8 Resistance (Table No. 2)