



# Declaration of Performance

**No. 0756-CPR-0215**



JCP Construction Products,  
Unit 14 Teddington Business Park, Station Rd, Teddington, Middlesex TW11 9BQ  
Telephone +44 (0)208 943 1800

- Unique Identification code of product type: JCP Heavy Duty Anchor (See table 1 and 2 for identification codes)
- Product type: Torque controlled expansion anchor
- Batch number: Marked on packaging of the product
- Intended use: Mechanical fastener for use in Cracked and Non-cracked concrete C20/25 to C50/60
- European Assessment Documents : EAD 330232-01-0601
- European Technical Assessment: ETA-07/0331
- Technical Assessment Body: DIBT Germany
- Certificate of Conformity Number : 2873-CPR-308-1
- Notified Body Name and number: Technische Universität Darmstadt Institut für Stahlbau und Werkstoffmechanik - 2873
- Under AVCP system: 1

| Declared performance/s :                                                    |                                            |
|-----------------------------------------------------------------------------|--------------------------------------------|
| Essential Characteristic                                                    | Performance                                |
| <b>Mechanical Resistance And Stability (BWR 1)</b>                          |                                            |
| Characteristic resistance to tension load (static and quasi-static loading) | See Annex B3 , B4, C1 to C4 of ETA-07/0331 |
| Characteristic resistance to shear load (static and quasi-static loading)   | See Annex C5 to C6 of ETA-07/0331          |
| Displacements                                                               | See Annex C10 to C11 of ETA-07/0331        |
| Characteristic resistance for seismic performance categories C1 and C2      | See Annex C7 to C8 of ETA-07/0331          |
| <b>Safety in case of fire (BWR 2)</b>                                       |                                            |
| Reaction to fire                                                            | Class A1                                   |
| Resistance to fire                                                          | See Annex C9 of ETA-07/0331                |
| <b>Aspects of Durability</b>                                                |                                            |
| Durability                                                                  | See Annex B1 of ETA-07/0331                |

The performances of the product identified codes in table 1 are in conformity with the declared performance

This Declaration of performance is issued under the sole responsibility of JCP Construction Products

Signed for and on behalf of the manufacturers

| Name and function | Place and date of issue | Signature |
|-------------------|-------------------------|-----------|
| Nick Beardon      | Teddington              |           |
| Technical Manager | 25/07/2025              |           |



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**Table 1 : Identification Product Codes**

**Steel Zinc Plated Hexagon Bolt Head**

| Product Code | Size<br>Thread Size /Anchor Hole / Length |    |     |
|--------------|-------------------------------------------|----|-----|
| JHD0610      | M6                                        | 10 | 75  |
| JHD0630      |                                           |    | 95  |
| JHD0650      |                                           |    | 115 |
| JHD0810      | M8                                        | 12 | 85  |
| JHD0830      |                                           |    | 105 |
| JHD0850      |                                           |    | 125 |
| JHD1015      | M10                                       | 15 | 106 |
| JHD1025      |                                           |    | 116 |
| JHD1045      |                                           |    | 136 |
| JHD1210      | M12                                       | 18 | 117 |
| JHD1220      |                                           |    | 127 |
| JHD1240      |                                           |    | 147 |
| JHD1270      |                                           |    | 177 |
| JHD1610      | M16                                       | 24 | 130 |
| JHD1620      |                                           |    | 130 |
| JHD1650      |                                           |    | 180 |
| JHD2030      | M20                                       | 28 | 192 |
| JHD2060      |                                           |    | 222 |
| JHD2460      | M24                                       | 32 | 262 |

**Steel Zinc Plated Stud and nut Head**

| Product Code | Size<br>Thread Size /Anchor Hole / Length |    |     |
|--------------|-------------------------------------------|----|-----|
| NHD0810      | M8                                        | 10 | 90  |
| NHD0830      |                                           |    | 110 |
| NHD0850      |                                           |    | 130 |
| NHD1015      | M10                                       | 12 | 111 |
| NHD1025      |                                           |    | 121 |
| NHD1045      |                                           |    | 141 |
| NHD1210      | M12                                       | 15 | 122 |
| NHD1220      |                                           |    | 132 |
| NHD1240      |                                           |    | 152 |
| NHD1270      |                                           |    | 182 |
| NHD1620      | M16                                       | 18 | 157 |
| NHD1650      |                                           |    | 187 |

**Steel Zinc Plated Countersunk Head**

| Product Code | Size<br>Thread Size /Anchor Hole / Length |    |     |
|--------------|-------------------------------------------|----|-----|
| SLSK10/10    | M6                                        | 10 | 75  |
| SLSK10/25    |                                           |    | 85  |
| SLSK10/45    |                                           |    | 100 |
| SLSK12/10    | M8                                        | 12 | 80  |
| SLSK12/25    |                                           |    | 95  |
| SLSK12/50    |                                           |    | 120 |
| SLSK15/10    | M10                                       | 15 | 95  |
| SLSK15/25    |                                           |    | 110 |
| SLSK15/50    |                                           |    | 135 |
| SLSK18/20    | M12                                       | 18 | 115 |
| SLSK18/40    |                                           |    | 135 |



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Table 2 : Identification Product Codes

A4 Stainless Steel Hexagon Bolt Head

| Product Code | Size<br>Thread Size / Anchor Hole / Length |    |     |
|--------------|--------------------------------------------|----|-----|
| JHD0810SS    | M8                                         | 12 | 85  |
| JHD0830SS    |                                            |    | 105 |
| JHD0850SS    |                                            |    | 125 |
| JHD1015SS    | M10                                        | 15 | 106 |
| JHD1025SS    |                                            |    | 116 |
| JHD1045SS    |                                            |    | 136 |
| JHD1210SS    | M12                                        | 18 | 117 |
| JHD1225SS    |                                            |    | 127 |
| JHD1240SS    |                                            |    | 147 |

A4 Stainless Steel Stud and nut Head

| Product Code | Size<br>Thread Size / Anchor Hole / Length |    |     |
|--------------|--------------------------------------------|----|-----|
| SLB12/10SS   | M8                                         | 12 | 90  |
| SLB12/30SS   |                                            |    | 110 |
| SLB14/15SS   | M10                                        | 15 | 111 |
| SLB14/25SS   |                                            |    | 121 |
| SLB18/15SS   | M12                                        | 18 | 132 |
| SLB18/40SS   |                                            |    | 152 |

A4 Stainless Steel Countersunk Head

| Product Code | Size<br>Thread Size / Anchor Hole / Length |    |     |
|--------------|--------------------------------------------|----|-----|
| SLSK10/10    | M6                                         | 10 | 75  |
| SLSK10/25    |                                            |    | 85  |
| SLSK10/45    |                                            |    | 100 |
| SLSK12/10    | M8                                         | 12 | 80  |
| SLSK12/25    |                                            |    | 95  |
| SLSK12/50    |                                            |    | 120 |
| SLSK15/10    | M10                                        | 15 | 95  |
| SLSK15/25    |                                            |    | 110 |
| SLSK15/50    |                                            |    | 135 |
| SLSK18/20    | M12                                        | 18 | 115 |
| SLSK18/40    |                                            |    | 135 |