

FEATURES

- BZP (bright zinc plated) finish that is aesthetically pleasing and makes sure all fixings are uniform
- Hex Bolts are partially threaded and can be used with a nut or in a tapped hole
- Hexagon head is convenient for gripping with tools from all angles and can also be grabbed by hand
- Manufactured specifically to meet environmental and tensile specifications
- Good corrosion resistance
- Recyclable

Clear Passivated, Zinc Steel Hex Bolt, M16 x 60mm

RS Stock No.: 279-880



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

These Stainless-Steel Hex Bolts with BZP (bright zinc plated) finish from our own RS PRO brand are a highly versatile solution to fastening applications. Able to be adjusted with either a spanner or torque wrench with appropriate socket bits, they present an easy to access fastener head that can be manipulated at multiple angles

General Specifications

| | |
|-------------------------|--|
| Thread Size | M16 |
| Material | Steel |
| Grade | 8.8 |
| Finish | Clear Passivated, Zinc |
| Application | Construction; Automobile; Engineering Industries; Docks; Bridges; Highway Structures; Machine repairs; Outdoor furniture; DIY projects |
| Thread Direction | Right |
| Drive Type | Hex |
| Head Shape | Hex |

Mechanical Specifications

| | |
|------------------------------|--------------------|
| Length | 60mm |
| Steel Type | High Tensile Steel |
| Shoulder Length | 1mm |
| Thread Pitch | 2mm |
| Head Height | 6.4mm |
| Width Across Corners | 18.9mm |
| Width Across Flats | 17mm |
| Minimum Thread Length | 16mm |
| Drive Size | 8mm |
| General Tolerance | +/- 0.13mm |
| Bolt Diameter | 8mm |
| Fixing Length | 60mm |

Approvals

| | |
|----------------------------------|---------------|
| Compliance/Certifications | CE / UR / cUR |
| Standards Met | DIN 931 |



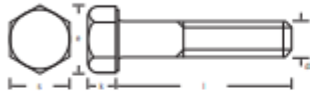
Datasheet

Hexagon Head Bolt – DIN 931 Grade 8.8 BZP Finish

Thread lengths up to 125mm = 2xdiameter plus 6mm

125mm – 200mm = 2xdiameter plus 12mm

Over 200mm = 2xdiameter plus 25mm



| d1 | M5 | M6 | M8 | M10 | M12 | M14 | M16 | M20 | M24 |
|----|------|-------|-------|-------|-------|-------|-------|-------|-------|
| e | 8.79 | 11.05 | 14.38 | 18.90 | 21.10 | 24.49 | 26.75 | 35.72 | 39.98 |
| k | 3.8 | 4 | 5.3 | 6.4 | 7.5 | 8.8 | 10 | 13 | 15 |
| s | 8 | 10 | 13 | 17 | 19 | 22 | 24 | 30 | 36 |

Please view our full range listing below

| RS Stock No | Size | RS Stock No | Size | RS Stock No | Size | RS Stock No | Size |
|-------------|--------|-------------|---------|-------------|---------|-------------|----------|
| 9173084 | 5 x 25 | 9173110 | 6 x 75 | 279666 | 8 x 90 | 279739 | 10 x 80 |
| 9173087 | 5 x 30 | 9173129 | 6 x 80 | 279672 | 8 x 100 | 279745 | 10 x 90 |
| 9173081 | 5 x 35 | 9173122 | 6 x 90 | 9173144 | 8 x 110 | 279751 | 10 x 100 |
| 9173090 | 5 x 40 | 9173126 | 6 x 100 | 9173148 | 8 x 120 | 9173172 | 10 x 110 |
| 9173093 | 5 x 45 | 9173135 | 6 x 110 | 9173157 | 8 x 130 | 9173176 | 10 x 120 |
| 9173097 | 5 x 50 | 9173138 | 8 x 30 | 9173150 | 8 x 140 | 9173185 | 10 x 130 |
| 9173107 | 6 x 25 | 279587 | 8 x 35 | 9173154 | 8 x 150 | 9173188 | 10 x 140 |
| 279537 | 6 x 30 | 279593 | 8 x 40 | 9173163 | 10 x 35 | 9173182 | 10 x 150 |
| 279543 | 6 x 35 | 279600 | 8 x 45 | 279688 | 10 x 40 | 9173191 | 10 x 160 |
| 279559 | 6 x 40 | 279616 | 8 x 50 | 279694 | 10 x 45 | 9173194 | 10 x 180 |
| 9173100 | 6 x 45 | 9173132 | 8 x 55 | 279701 | 10 x 50 | 9173198 | 10 x 200 |
| 279565 | 6 x 50 | 279622 | 8 x 60 | 9173166 | 10 x 55 | 279767 | 12 x 40 |
| 9173104 | 6 x 55 | 9173141 | 8 x 65 | 279717 | 10 x 60 | 279773 | 12 x 45 |
| 279571 | 6 x 60 | 279638 | 8 x 70 | 9173160 | 10 x 65 | 279789 | 12 x 50 |
| 9173113 | 6 x 65 | 279644 | 8 x 75 | 279723 | 10 x 70 | 9173208 | 12 x 55 |
| 9173116 | 6 x 70 | 279650 | 8 x 80 | 9173179 | 10 x 75 | 279795 | 12 x 60 |

Cont'd....

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| RS Stock No | Size | RS Stock No | Size | RS Stock No | Size |
|-------------|----------|-------------|----------|-------------|----------|
| 279802 | 12 x 65 | 9173270 | 14 x 100 | 279981 | 20 x 70 |
| 279818 | 12 x 70 | 9173273 | 14 x 110 | 9173312 | 20 x 75 |
| 279824 | 12 x 75 | 9173277 | 14 x 120 | 279997 | 20 x 80 |
| 279830 | 12 x 80 | 9173286 | 14 x 130 | 277553 | 20 x 90 |
| 279846 | 12 x 90 | 9173289 | 16 x 45 | 277569 | 20 x 100 |
| 279852 | 12 x 100 | 279868 | 16 x 50 | 9173321 | 20 x 110 |
| 9173201 | 12 x 110 | 279874 | 16 x 55 | 277575 | 20 x 120 |
| 9173205 | 12 x 120 | 279880 | 16 x 60 | 277581 | 20 x 130 |
| 9173214 | 12 x 130 | 279896 | 16 x 65 | 9173324 | 20 x 140 |
| 9173217 | 12 x 140 | 279903 | 16 x 70 | 277597 | 20 x 150 |
| 9173211 | 12 x 150 | 279919 | 16 x 75 | 9173328 | 20 x 160 |
| 9173220 | 12 x 160 | 279925 | 16 x 80 | 9173337 | 20 x 170 |
| 9173223 | 12 x 170 | 279931 | 16 x 90 | 9173330 | 20 x 180 |
| 9173227 | 12 x 180 | 279947 | 16 x 100 | 9173334 | 20 x 190 |
| 9173236 | 12 x 200 | 9173283 | 16 x 110 | 9173343 | 20 x 200 |
| 9173239 | 12 x 220 | 279953 | 16 x 120 | 9173346 | 20 x 220 |
| 9173233 | 12 x 230 | 9173292 | 16 x 130 | 1933368 | 24 x 70 |
| 9173242 | 12 x 240 | 9173295 | 16 x 140 | 1933369 | 24 x 80 |
| 9173245 | 12 x 250 | 9173299 | 16 x 150 | 1933370 | 24 x 90 |
| 9173249 | 14 x 50 | 9173309 | 16 x 160 | 1933371 | 24 x 100 |
| 9173258 | 14 x 55 | 9173302 | 16 x 170 | 1933372 | 24 x 120 |
| 9173251 | 14 x 60 | 9173306 | 16 x 180 | 1933373 | 24 x 130 |
| 9173255 | 14 x 65 | 9173315 | 16 x 190 | 1933374 | 24 x 140 |
| 9173264 | 14 x 70 | 9173318 | 20 x 55 | 1933375 | 24 x 150 |
| 9173267 | 14 x 80 | 279969 | 20 x 60 | | |
| 9173261 | 14 x 90 | 279975 | 20 x 65 | | |