

## 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**

## Bright Zinc Plated Steel Hex Bolt, M8 x 30mm

RS Stock No.: 917-3138



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

<b>Thread Size</b>	M8
<b>Material</b>	Steel
<b>Grade</b>	8.8
<b>Finish</b>	Bright Zinc Plated
<b>Application</b>	Construction; Automobile; Engineering Industries; Docks; Bridges; Highway Structures; Machine repairs; Outdoor furniture; DIY projects
<b>Thread Direction</b>	Right
<b>Drive Type</b>	Hex
<b>Head Shape</b>	Hex

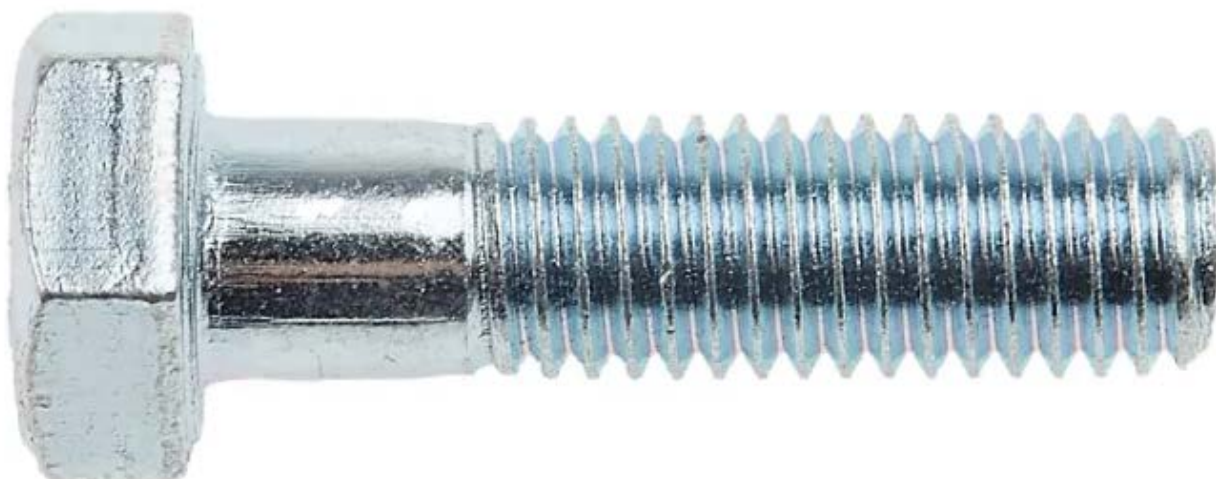
**Mechanical Specifications**

<b>Length</b>	30mm
<b>Steel Type</b>	High Tensile Steel
<b>Shoulder Length</b>	1mm
<b>Thread Pitch</b>	1.75mm
<b>Head Height</b>	6.4mm
<b>Width Across Corners</b>	18.9mm
<b>Width Across Flats</b>	17mm
<b>Minimum Thread Length</b>	16mm
<b>Drive Size</b>	8mm
<b>General Tolerance</b>	+/- 0.13mm
<b>Bolt Diameter</b>	8mm
<b>Fixing Length</b>	60mm

**Approvals**

<b>Compliance/Certifications</b>	CE / UR / cUR
<b>Standards Met</b>	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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Over 200mm = 2xdiameter plus 25mm



Please view our full range listing below

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		