

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, M12 x 50mm

RS Stock No.: 279-789



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	M12
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	50mm
Steel Type	High Tensile Steel
Shoulder Length	1mm
Thread Pitch	1.75mm
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

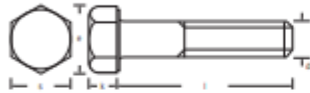




Datasheet

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	279668	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	9173128	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		