

## FEATURES

- Bolts are partially threaded, and designed to connect two or more objects
- Example applications include automotive, machinery, engines, manufacturing, industrial equipment, and white goods
- The hexagon head enables the bolt to be held securely (with a spanner or socket drive, for example) whilst the nut is either tightened or loosened
- Bolts can be removed and reinserted endless times - ideal for maintenance and repair projects
- The bright zinc plated (BZP) finish offers resistance against corrosion
- Made of Grade 8.8 high-tensile steel, these bolts are very strong
- Conforms to DIN 931 specifications

## RS PRO Hex Bolts

See below for Stock No's



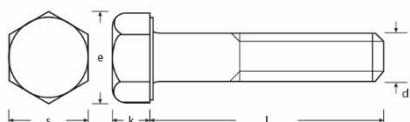
RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Family Name

## Product Description

A bolt is partially threaded and usually inserted into a none-tapped (threaded) hole, with its thread protruding the other side where a nut would be applied and tightened to secure. Bolts are designed to connect two (or more) objects. Example applications include automotive, machinery, engines, manufacturing, industrial equipment, and white goods. The hexagon head enables the bolt to be held securely (with a spanner or socket drive, for example) whilst the nut is either tightened or loosened. Bolts can be removed and reinserted endless times - ideal for maintenance and repair projects. The bright zinc plated (BZP) finish offers resistance against corrosion. Made of grade 8.8 high-tensile steel, these bolts are very strong. They Conform to DIN 931 specifications.

## General Specifications



| d1 | M8    | M10  | M12  | M14   | M16   | M18   | M20   | M24   | M30   |
|----|-------|------|------|-------|-------|-------|-------|-------|-------|
| e  | 14.38 | 18.9 | 21.1 | 24.49 | 26.75 | 30.14 | 33.35 | 39.98 | 50.85 |
| k  | 5.3   | 6.4  | 7.5  | 8.8   | 10    | 11.5  | 12.5  | 15    | 22.5  |
| s  | 13    | 17   | 19   | 22    | 24    | 27    | 30    | 36    | 46    |

| RS Stock No. | Size    |  | RS Stock No. | Size      |
|--------------|---------|--|--------------|-----------|
| 917-3084     | M5 x 25 |  | 917-3261     | M14 x 90  |
| 917-3087     | M5 x 30 |  | 917-3270     | M14 x 100 |
| 917-3081     | M5 x 35 |  | 917-3273     | M14 x 110 |
| 917-3090     | M5 x 40 |  | 917-3277     | M14 x 120 |
| 917-3093     | M5 x 45 |  | 917-3286     | M14 x 130 |
| 917-3097     | M5 x 50 |  | 0800603      | M14 x 140 |
| 0800601      | M5 x 70 |  | 0800604      | M14 x 150 |
| 917-3107     | M6 x 25 |  | 0800605      | M14 x 160 |
| 279-537      | M6 x 30 |  | 917-3289     | M16 x 45  |
| 279-543      | M6 x 35 |  | 279-868      | M16 x 50  |
| 279-559      | M6 x 40 |  | 279-874      | M16 x 55  |
| 917-3100     | M6 x 45 |  | 279-880      | M16 x 60  |
| 279-565      | M6 x 50 |  | 279-896      | M16 x 65  |
| 917-3104     | M6 x 55 |  | 279-903      | M16 x 70  |
| 279-571      | M6 x 60 |  | 279-919      | M16 x 75  |
| 917-3113     | M6 x 65 |  | 279-925      | M16 x 80  |

## Family Name

|          |           |  |          |           |
|----------|-----------|--|----------|-----------|
| 917-3116 | M6 x 70   |  | 279-931  | M16 x 90  |
| 917-3110 | M6 x 75   |  | 279-947  | M16 x 100 |
| 917-3129 | M6 x 80   |  | 917-3283 | M16 x 110 |
| 917-3122 | M6 x 90   |  | 279-953  | M16 x 120 |
| 917-3126 | M6 x 100  |  | 917-3292 | M16 x 130 |
| 917-3135 | M6 x 110  |  | 917-3295 | M16 x 140 |
| 917-3138 | M8 x 30   |  | 917-3299 | M16 x 150 |
| 279-587  | M8 x 35   |  | 917-3309 | M16 x 160 |
| 279-593  | M8 x 40   |  | 917-3302 | M16 x 170 |
| 279-600  | M8 x 45   |  | 917-3306 | M16 x 180 |
| 279-616  | M8 x 50   |  | 917-3315 | M16 x 190 |
| 917-3132 | M8 x 55   |  | 0800606  | M16 x 200 |
| 279-622  | M8 x 60   |  | 0800607  | M16 x 220 |
| 917-3141 | M8 x 65   |  | 0800609  | M16 x 240 |
| 279-638  | M8 x 70   |  | 0800610  | M16 x 260 |
| 279-644  | M8 x 75   |  | 0800611  | M16 x 280 |
| 279-650  | M8 x 80   |  | 0800612  | M16 x 300 |
| 279-666  | M8 x 90   |  | 0800568  | M18 x 60  |
| 279-672  | M8 x 100  |  | 0800569  | M18 x 70  |
| 917-3144 | M8 x 110  |  | 0800570  | M18 x 80  |
| 917-3148 | M8 x 120  |  | 0800571  | M18 x 100 |
| 917-3157 | M8 x 130  |  | 917-3318 | M20 x 55  |
| 917-3150 | M8 x 140  |  | 279-969  | M20 x 60  |
| 917-3154 | M8 x 150  |  | 279-975  | M20 x 65  |
| 917-3163 | M10 x 35  |  | 279-981  | M20 x 70  |
| 279-688  | M10 x 40  |  | 917-3312 | M20 x 75  |
| 279-694  | M10 x 45  |  | 279-997  | M20 x 80  |
| 279-701  | M10 x 50  |  | 277-553  | M20 x 90  |
| 917-3166 | M10 x 55  |  | 277-569  | M20 x 100 |
| 279-717  | M10 x 60  |  | 917-3321 | M20 x 110 |
| 917-3160 | M10 x 65  |  | 277-575  | M20 x 120 |
| 279-723  | M10 x 70  |  | 277-581  | M20 x 130 |
| 917-3179 | M10 x 75  |  | 917-3324 | M20 x 140 |
| 279-739  | M10 x 80  |  | 277-597  | M20 x 150 |
| 279-745  | M10 x 90  |  | 917-3328 | M20 x 160 |
| 279-751  | M10 x 100 |  | 917-3337 | M20 x 170 |
| 917-3172 | M10 x 110 |  | 917-3330 | M20 x 180 |
| 917-3176 | M10 x 120 |  | 0800572  | M20 x 190 |
| 917-3185 | M10 x 130 |  | 9173343  | M20 x 200 |
| 917-3188 | M10 x 140 |  | 9173346  | M20 x 220 |
| 917-3182 | M10 x 150 |  | 0800573  | M20 x 240 |
| 917-3191 | M10 x 160 |  | 0800574  | M20 x 250 |
| 917-3194 | M10 x 180 |  | 0800575  | M20 x 260 |
| 917-3198 | M10 x 200 |  | 0800576  | M20 x 280 |
| 279-767  | M12 x 40  |  | 0800577  | M20 x 300 |

## Family Name

|          |           |  |          |           |
|----------|-----------|--|----------|-----------|
| 279-773  | M12 x 45  |  | 0800578  | M22 x 90  |
| 279-789  | M12 x 50  |  | 193-3368 | M24 x 70  |
| 917-3208 | M12 x 55  |  | 193-3369 | M24 x 80  |
| 279-795  | M12 x 60  |  | 193-3370 | M24 x 90  |
| 279-802  | M12 x 65  |  | 193-3371 | M24 x 100 |
| 279-818  | M12 x 70  |  | 0800580  | M24 x 110 |
| 279-824  | M12 x 75  |  | 193-3372 | M24 x 120 |
| 279-830  | M12 x 80  |  | 193-3373 | M24 x 130 |
| 279-846  | M12 x 90  |  | 193-3374 | M24 x 140 |
| 279-852  | M12 x 100 |  | 193-3375 | M24 x 150 |
| 917-3201 | M12 x 110 |  | 0800581  | M24 x 160 |
| 917-3205 | M12 x 120 |  | 0800582  | M24 x 170 |
| 917-3214 | M12 x 130 |  | 0800583  | M24 x 180 |
| 917-3217 | M12 x 140 |  | 0800584  | M24 x 200 |
| 917-3211 | M12 x 150 |  | 0800586  | M24 x 220 |
| 917-3220 | M12 x 160 |  | 0800587  | M24 x 240 |
| 917-3223 | M12 x 170 |  | 0800588  | M24 x 250 |
| 917-3227 | M12 x 180 |  | 0800589  | M24 x 260 |
| 917-3236 | M12 x 200 |  | 0800590  | M24 x 280 |
| 917-3239 | M12 x 220 |  | 0800592  | M24 x 300 |
| 917-3233 | M12 x 230 |  | 0800593  | M27 x 100 |
| 917-3242 | M12 x 240 |  | 0800594  | M27 x 110 |
| 917-3245 | M12 x 250 |  | 0800595  | M27 x 120 |
| 917-3249 | M14 x 50  |  | 0800596  | M30 x 120 |
| 917-3258 | M14 x 55  |  | 0800597  | M30 x 130 |
| 917-3251 | M14 x 60  |  | 0800598  | M30 x 140 |
| 917-3255 | M14 x 65  |  | 0800599  | M30 x 150 |
| 917-3264 | M14 x 70  |  | 0800600  | M30 x 160 |
| 0800602  | M14 x 75  |  | 0800566  | M30 x 180 |
| 917-3267 | M14 x 80  |  | 0800567  | M30 x 200 |
|          |           |  |          |           |
|          |           |  |          |           |

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories