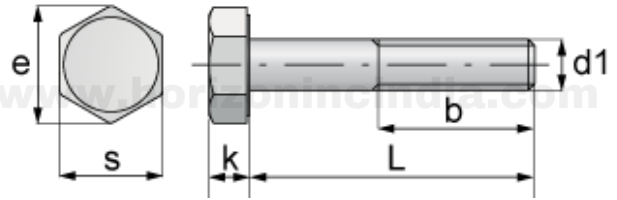




# HORIZON INC.

## Hex Bolt - DIN 931

Material: Steel Grade 10.9  
Part No: 1011C5



| d1                      | M5   | M6 | M8   | M10  | M12  |
|-------------------------|------|----|------|------|------|
| b up to L125 mm         | 16   | 18 | 22   | 26   | 30   |
| b from L125mm to L200mm | 22   | 24 | 28   | 32   | 36   |
| b over 200 mm           |      | -  | -    | 45   | 49   |
| e                       | 8.79 | 11 | 14.3 | 18.9 | 21.1 |
| k                       | 3.5  | 4  | 5.3  | 6.4  | 7.5  |
| s                       | 8    | 10 | 13   | 17*  | 19*  |
| Thread pitch            | 0.8  | 1  | 1.25 | 1.5  | 1.75 |

### Part Numbers

Dimensions in mm

| L / d1 | M5           | M6           | M8           | M10          | M12          |
|--------|--------------|--------------|--------------|--------------|--------------|
| 20     | 1011C5-05020 | 1011C5-06020 |              |              |              |
| 25     | 1011C5-05025 | 1011C5-06025 | 1011C5-08025 |              |              |
| 30     | 1011C5-05030 | 1011C5-06030 | 1011C5-08030 | 1011C5-10030 |              |
| 35     | 1011C5-05035 | 1011C5-06035 | 1011C5-08035 | 1011C5-10035 | 1011C5-12035 |
| 40     | 1011C5-05040 | 1011C5-06040 | 1011C5-08040 | 1011C5-10040 | 1011C5-12040 |
| 45     | 1011C5-05045 | 1011C5-06045 | 1011C5-08045 | 1011C5-10045 | 1011C5-12045 |
| 50     | 1011C5-05050 | 1011C5-06050 | 1011C5-08050 | 1011C5-10050 | 1011C5-12050 |
| 55     |              | 1011C5-06055 | 1011C5-08055 | 1011C5-10055 | 1011C5-12055 |
| 60     |              | 1011C5-06060 | 1011C5-08060 | 1011C5-10060 | 1011C5-12060 |
| 65     |              | 1011C5-06065 | 1011C5-08065 | 1011C5-10065 | 1011C5-12065 |
| 70     |              | 1011C5-06070 | 1011C5-08070 | 1011C5-10070 | 1011C5-12070 |
| 75     |              | 1011C5-06075 | 1011C5-08075 | 1011C5-10075 | 1011C5-12075 |
| 80     |              | 1011C5-06080 | 1011C5-08080 | 1011C5-10080 | 1011C5-12080 |
| 90     |              |              | 1011C5-08090 | 1011C5-10090 | 1011C5-12090 |
| 100    |              |              | 1011C5-08100 | 1011C5-10100 | 1011C5-12100 |
| 110    |              |              | 1011C5-08110 | 1011C5-10110 | 1011C5-12110 |
| 120    |              |              | 1011C5-08120 | 1011C5-10120 | 1011C5-12120 |
| 130    |              |              | 1011C5-08130 | 1011C5-10130 | 1011C5-12130 |
| 140    |              |              | 1011C5-08140 | 1011C5-10140 | 1011C5-12140 |
| 150    |              |              | 1011C5-08150 | 1011C5-10150 | 1011C5-12150 |
| 160    |              |              |              | 1011C5-10160 | 1011C5-12160 |
| 170    |              |              |              | 1011C5-10170 | 1011C5-12170 |
| 180    |              |              |              | 1011C5-10180 | 1011C5-12180 |
| 190    |              |              |              | 1011C5-10190 | 1011C5-12190 |
| 200    |              |              |              |              | 1011C5-12200 |



# HORIZON INC.



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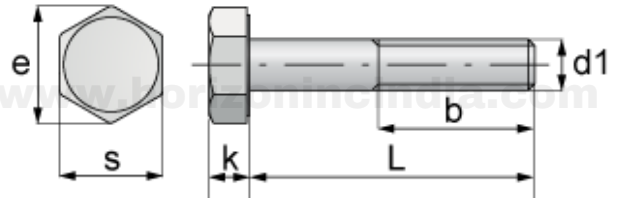
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# HORIZON INC.

## Hex Bolt - DIN 933

Material: Steel Grade 10.9  
Part No: 1011C5



| d1                      | M16  | M20  | M24 | M30  | M36  |
|-------------------------|------|------|-----|------|------|
| b up to L125 mm         | 38   | 46   | 54  | 66   | 78   |
| b from L125mm to L200mm | 44   | 52   | 60  | 72   | 84   |
| b over 200 mm           | 57   | 65   | 73  | 85   | 97   |
| e                       | 26.8 | 33.5 | 40  | 50.8 | 60.7 |
| k                       | 10   | 12.5 | 15  | 18.7 | 22.5 |
| s                       | 24   | 30   | 36  | 46   | 55   |
| Thread pitch            | 2    | 2.5  | 3   | 3.5  | 4    |

Dimensions in mm

## Part Numbers

| L / d1 | M16          | M20          | M24          | M30          | M36          |
|--------|--------------|--------------|--------------|--------------|--------------|
| 45     | 1011C5-16045 |              |              |              |              |
| 50     | 1011C5-16050 |              |              |              |              |
| 55     | 1011C5-16055 | 1011C5-20055 |              |              |              |
| 60     | 1011C5-16060 | 1011C5-20060 |              |              |              |
| 65     | 1011C5-16065 | 1011C5-20065 | 1011C5-24065 |              |              |
| 70     | 1011C5-16070 | 1011C5-20070 | 1011C5-24070 |              |              |
| 75     | 1011C5-16075 | 1011C5-20075 | 1011C5-24075 |              |              |
| 80     | 1011C5-16080 | 1011C5-20080 | 1011C5-24080 | 1011C5-30080 |              |
| 90     | 1011C5-16090 | 1011C5-20090 | 1011C5-24090 | 1011C5-30090 |              |
| 100    | 1011C5-16100 | 1011C5-20100 | 1011C5-24100 | 1011C5-30100 | 1011C5-36100 |
| 110    | 1011C5-16110 | 1011C5-20110 | 1011C5-24110 | 1011C5-30110 | 1011C5-36110 |
| 120    | 1011C5-16120 | 1011C5-20120 | 1011C5-24240 | 1011C5-30120 | 1011C5-36120 |
| 130    | 1011C5-16130 | 1011C5-20130 | 1011C5-24130 | 1011C5-30130 | 1011C5-36130 |
| 140    | 1011C5-16140 | 1011C5-20140 | 1011C5-24140 | 1011C5-30140 | 1011C5-36140 |
| 150    | 1011C5-16150 | 1011C5-20150 | 1011C5-24150 | 1011C5-30150 | 1011C5-36150 |
| 160    | 1011C5-16160 | 1011C5-20160 | 1011C5-24160 | 1011C5-30160 | 1011C5-36160 |
| 170    | 1011C5-16170 | 1011C5-20170 | 1011C5-24170 | 1011C5-30170 | 1011C5-36170 |
| 180    | 1011C5-16180 | 1011C5-20180 | 1011C5-24180 | 1011C5-30180 | 1011C5-36180 |
| 190    | 1011C5-16190 | 1011C5-20190 | 1011C5-24190 | 1011C5-30190 | 1011C5-36190 |
| 200    | 1011C5-16200 | 1011C5-20200 | 1011C5-24200 | 1011C5-30200 | 1011C5-36200 |
| 225    | 1011C5-16225 | 1011C5-20225 | 1011C5-24225 | 1011C5-30225 | 1011C5-36225 |
| 250    | 1011C5-16250 | 1011C5-20250 | 1011C5-24250 | 1011C5-30250 | 1011C5-36250 |
| 300    | 1011C5-16300 | 1011C5-20300 | 1011C5-24300 | 1011C5-30300 | 1011C5-36300 |



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