

## Metallic screws and nuts



Bolts, nuts and double washer  
**UNI - EN 14399-4 / 14399-6**  
**Class K1**



| Description       | Price VATexcl.<br>euro/100 | % Price Change |   | Package | d mm | L mm |
|-------------------|----------------------------|----------------|---|---------|------|------|
|                   |                            | 1              | 2 |         |      |      |
| <b>M 24 X 145</b> | <b>on demand</b>           | -              | - | 1       | M24  | 145  |



|                   |     |
|-------------------|-----|
| <b>M 24 X 145</b> |     |
| <b>p</b>          | 3   |
| <b>b</b>          | 39  |
| <b>c</b> max      | 0.8 |
| min               | 0.4 |

|               |       |
|---------------|-------|
| <b>da</b> max | 28    |
| nom           | 24    |
| <b>ds</b> max | 24.84 |
| min           | 23.16 |
| <b>dw</b> min | 38    |
| <b>e</b> min  | 45.2  |

|               |      |
|---------------|------|
| nom           | 15   |
| <b>k</b> max  | 15.9 |
| min           | 14.1 |
| <b>kw</b> min | 9.87 |
| <b>r</b> min  | 1.5  |
| <b>s</b> max  | 41   |
| min           | 40   |

| l - mm |        |        | M24    |        |
|--------|--------|--------|--------|--------|
| nom    | min    | max    | ls min | lg max |
| 35     | 33,75  | 36,25  |        |        |
| 40     | 38,75  | 41,25  |        |        |
| 45     | 43,75  | 46,25  |        |        |
| 50     | 48,75  | 51,25  |        |        |
| 55     | 53,5   | 56,5   |        |        |
| 60     | 58,5   | 61,5   | 12     | 21     |
| 65     | 63,5   | 66,5   | 17     | 26     |
| 70     | 68,5   | 71,5   | 22     | 31     |
| 75     | 73,5   | 76,5   | 27     | 36     |
| 80     | 78,5   | 81,5   | 32     | 41     |
| 85     | 83,25  | 86,75  | 37     | 46     |
| 90     | 88,25  | 91,75  | 42     | 51     |
| 95     | 93,25  | 96,75  | 47     | 56     |
| 100    | 98,25  | 101,75 | 52     | 61     |
| 105    | 103,25 | 106,75 | 57     | 66     |
| 110    | 108,25 | 111,75 | 62     | 71     |
| 115    | 113,25 | 116,75 | 67     | 76     |
| 120    | 118,25 | 121,75 | 72     | 81     |
| 125    | 123    | 127    | 77     | 86     |
| 130    | 128    | 132    | 82     | 91     |
| 135    | 133    | 137    | 87     | 96     |
| 140    | 138    | 142    | 92     | 101    |
| 145    | 143    | 147    | 97     | 106    |
| 150    | 148    | 152    | 102    | 111    |
| 155    | 153    | 159    | 107    | 116    |
| 160    | 158    | 164    | 112    | 121    |

|     |       |       |     |     |
|-----|-------|-------|-----|-----|
| 165 | 163   | 169   | 117 | 126 |
| 170 | 168   | 174   | 122 | 131 |
| 175 | 173   | 179   | 127 | 136 |
| 180 | 178   | 184   | 132 | 141 |
| 185 | 182,7 | 189,6 | 137 | 146 |
| 190 | 187,7 | 194,6 | 142 | 151 |
| 195 | 192,7 | 199,6 | 147 | 156 |
| 200 | 197,7 | 204,6 |     |     |



|                   |            |  |      |
|-------------------|------------|--|------|
| <b>M 24 X 145</b> |            |  |      |
| <b>p</b>          |            |  | 3    |
| <b>da</b>         | <b>max</b> |  | 25.9 |
|                   | <b>min</b> |  | 24   |

|            |            |      |
|------------|------------|------|
| <b>dw</b>  | <b>min</b> | 38   |
| <b>e</b>   | <b>min</b> | 45.2 |
| <b>nom</b> |            |      |
| <b>m</b>   | <b>=</b>   | 20   |
| <b>max</b> |            |      |
| <b>min</b> |            | 18.7 |

|           |            |       |
|-----------|------------|-------|
| <b>mw</b> | <b>min</b> | 14.96 |
| <b>s</b>  | <b>max</b> | 41    |
|           | <b>min</b> | 40    |



|                   |            |  |       |
|-------------------|------------|--|-------|
| <b>M 24 X 145</b> |            |  |       |
| <b>d1</b>         | <b>max</b> |  | 25.3  |
|                   | <b>min</b> |  | 24    |
| <b>d2</b>         | <b>max</b> |  | 44    |
|                   | <b>min</b> |  | 43.38 |

|            |            |      |
|------------|------------|------|
| <b>nom</b> |            | 4    |
| <b>h</b>   | <b>max</b> | 4.3  |
|            | <b>min</b> | 3.7  |
| <b>e</b>   | <b>max</b> | 1.5  |
| <b>nom</b> |            |      |
| <b>=</b>   |            | 0.75 |
| <b>min</b> |            |      |

|          |            |     |
|----------|------------|-----|
| <b>c</b> | <b>max</b> | 2.5 |
|          | <b>min</b> | 2   |

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. All rights reserved. No part of this web site may be reproduced in any form without express permission.

**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy  
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution  
of fasteners, fixing elements  
and mechanical parts  
machining

**GANDINI FASTENERS SRL**  
viale Pier Paolo Pasolini, 83  
Sesto San Giovanni Mi - Italy

**Sales department**  
250@gandini.it  
tel +39 02 241 047 250

**Administration**  
350@gandini.it  
tel +39 02 241 047 350