

# Metallic screws and nuts

Confezionati nella stessa scatola



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



| Description                       | Price VATexcl.<br>euro/100 | % Price Change |   | Package | d mm | L mm |
|-----------------------------------|----------------------------|----------------|---|---------|------|------|
|                                   |                            | 1              | 2 |         |      |      |
| <b>M 20 X 115 ZINCATE A CALDO</b> | <b>on demand</b>           | -              | - | 1       | M20  | 115  |



**M 20 X 115  
ZINCATE A  
CALDO**

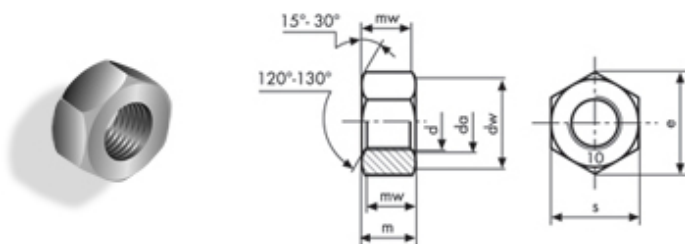
|              |     |
|--------------|-----|
| <b>p</b>     | 2.5 |
| <b>b</b>     | 33  |
| <b>c</b> max | 0.8 |
| min          | 0.4 |

|               |       |
|---------------|-------|
| <b>da</b> max | 24    |
| nom           | 20    |
| <b>ds</b> max | 20.84 |
| min           | 19.16 |
| <b>dw</b> min | 29.5  |
| <b>e</b> min  | 35.03 |

|               |      |
|---------------|------|
| nom           | 13   |
| <b>k</b> max  | 13.9 |
| min           | 12.1 |
| <b>kw</b> min | 8.47 |
| <b>r</b> min  | 1.5  |
| <b>s</b> max  | 32   |
| min           | 31   |

| l - mm |        |        | M20    |        |
|--------|--------|--------|--------|--------|
| nom    | min    | max    | ls min | lg max |
| 35     | 33,75  | 36,25  |        |        |
| 40     | 38,75  | 41,25  |        |        |
| 45     | 43,75  | 46,25  | 4,5    | 12     |
| 50     | 48,75  | 51,25  | 9,5    | 17     |
| 55     | 53,5   | 56,5   | 14,5   | 22     |
| 60     | 58,5   | 61,5   | 19,5   | 27     |
| 65     | 63,5   | 66,5   | 24,5   | 32     |
| 70     | 68,5   | 71,5   | 29,5   | 37     |
| 75     | 73,5   | 76,5   | 34,5   | 42     |
| 80     | 78,5   | 81,5   | 39,5   | 47     |
| 85     | 83,25  | 86,75  | 44,5   | 52     |
| 90     | 88,25  | 91,75  | 49,5   | 57     |
| 95     | 93,25  | 96,75  | 54,5   | 62     |
| 100    | 98,25  | 101,75 | 59,5   | 67     |
| 105    | 103,25 | 106,75 | 64,5   | 72     |
| 110    | 108,25 | 111,75 | 69,5   | 77     |
| 115    | 113,25 | 116,75 | 74,5   | 82     |
| 120    | 118,25 | 121,75 | 79,5   | 87     |
| 125    | 123    | 127    | 84,5   | 92     |
| 130    | 128    | 132    | 89,5   | 97     |
| 135    | 133    | 137    | 94,5   | 102    |
| 140    | 138    | 142    | 99,5   | 107    |
| 145    | 143    | 147    | 104,5  | 112    |
| 150    | 148    | 152    | 109,5  | 117    |

|     |       |       |       |     |
|-----|-------|-------|-------|-----|
| 155 | 153   | 159   | 114,5 | 122 |
| 160 | 158   | 164   |       |     |
| 165 | 163   | 169   |       |     |
| 170 | 168   | 174   |       |     |
| 175 | 173   | 179   |       |     |
| 180 | 178   | 184   |       |     |
| 185 | 182,7 | 189,6 |       |     |
| 190 | 187,7 | 194,6 |       |     |
| 195 | 192,7 | 199,6 |       |     |
| 200 | 197,7 | 204,6 |       |     |



|                                   |            |      |  |           |                  |       |           |            |       |
|-----------------------------------|------------|------|--|-----------|------------------|-------|-----------|------------|-------|
| <b>M 20 X 115 ZINCATE A CALDO</b> |            |      |  | <b>dw</b> | <b>min</b>       | 29.5  | <b>mw</b> | <b>min</b> | 11.92 |
| <b>p</b>                          |            | 2.5  |  | <b>e</b>  | <b>min</b>       | 35.03 | <b>s</b>  | <b>max</b> | 32    |
| <b>da</b>                         | <b>max</b> | 21.6 |  | <b>m</b>  | <b>nom = max</b> | 16    |           | <b>min</b> | 31    |
|                                   | <b>min</b> | 20   |  |           | <b>min</b>       | 14.9  |           |            |       |



|                                   |            |      |  |
|-----------------------------------|------------|------|--|
| <b>M 20 X 115 ZINCATE A CALDO</b> |            |      |  |
| <b>d1</b>                         | <b>max</b> | 21.3 |  |
|                                   | <b>min</b> | 2    |  |
| <b>d2</b>                         | <b>max</b> | 3    |  |
|                                   | <b>min</b> | 36.3 |  |

|          |            |      |
|----------|------------|------|
|          | <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.

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**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