

# **DM**

## **UTENSILI**

### **SPINE ELASTICHE E SPIRALI**



**LISTINO PREZZI**



# LISTINO SPINE ELASTICHE E SPIRALI

|                                                               |         |
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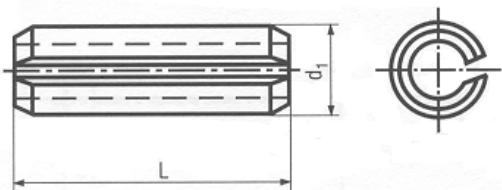
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# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunita

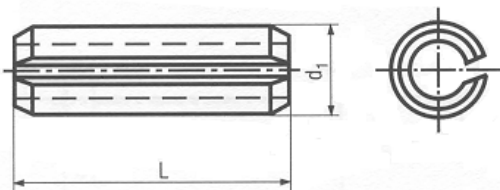
| D  | 1   | 1,5 | 2   | 2,5 | 3   |
|----|-----|-----|-----|-----|-----|
| d1 | 1,3 | 1,7 | 2,3 | 2,8 | 3,3 |

| I  | PREZZO € X 100 |      |       |      |       |      |       |                |       |
|----|----------------|------|-------|------|-------|------|-------|----------------|-------|
| 4  | 4,70           | 4,05 | 1,50  | 4,50 | 1,59  | 5,90 |       | 4,35           |       |
| 5  | 5,40           | 4,65 | 1,50  | 4,70 | 1,59  | 5,90 | 1,85  | 4,40           |       |
| 6  | 5,40           | 4,75 | 1,50  | 4,80 | 1,59  | 5,95 | 1,85  | 4,25           | 2,02  |
| 8  | 5,50           | 4,80 | 1,59  | 4,95 | 1,85  | 6,10 | 1,85  | 5,60           | 2,02  |
| 10 | 5,60           | 4,80 | 1,59  | 4,95 | 1,85  | 6,15 | 1,85  | 5,65           | 2,12  |
| 12 | 5,90           | 4,80 | 1,59  | 5,00 | 1,85  | 6,15 | 1,85  | 6,30           | 2,12  |
| 14 | 6,80           | 4,90 | 1,85  | 5,00 | 1,85  | 6,25 | 2,02  | 6,40           | 2,12  |
| 16 | 12,10          | 4,95 | 1,85  | 5,05 | 1,88  | 6,30 | 2,02  | 6,25           | 2,12  |
| 18 | -              | 5,00 | 2,02  | 5,20 | 2,01  | 6,40 | 2,14  | 6,50           | 2,29  |
| 20 | 17,50          | 5,10 | 2,02  | 5,40 | 2,17  | 6,40 | 2,24  | 6,45           | 2,49  |
| 22 |                |      |       | 5,50 | 2,27  | 6,45 | 2,38  | 6,70           | 2,66  |
| 24 |                |      |       | 5,60 | 2,45  | 6,50 | 2,52  | 6,75           | 2,80  |
| 26 |                |      |       | 6,10 | 2,52  | 6,65 | 2,73  | 8,00           | 3,01  |
| 28 |                |      |       | 6,15 | 2,68  | 6,70 | 2,82  | 6,90           | 3,17  |
| 30 |                |      |       | 6,45 | 2,87  | 7,95 | 2,98  | 6,75           | 3,41  |
| 32 |                |      |       |      |       |      |       | <u>8,50</u>    | 3,64  |
| 36 |                |      |       |      |       |      |       | <u>8,50</u>    | 3,96  |
| 40 |                |      |       |      |       |      |       | <u>14,75</u>   | 4,23  |
| 45 |                |      |       |      |       |      |       | -              | 4,48  |
| 50 |                |      |       |      |       |      |       | <u>15,70</u>   | 5,29  |
| Q  | 200            | 200  | 1.000 | 200  | 1.000 | 200  | 1.000 | <u>200/100</u> | 1.000 |

# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunita

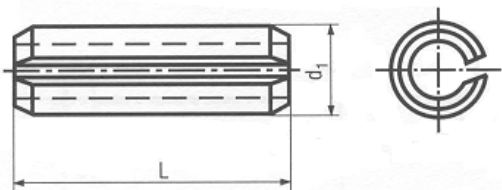
| D  | 3,5 | 4   | 4,5 | 5   | 6   |
|----|-----|-----|-----|-----|-----|
| d1 | 3,8 | 4,4 | 5,1 | 5,4 | 6,4 |

| I   | PREZZO € X 100 |       |                |      |       |       |       |               |       |
|-----|----------------|-------|----------------|------|-------|-------|-------|---------------|-------|
| 4   | 6,20           |       | 4,20           |      |       |       |       |               |       |
| 5   | 6,25           |       | 5,30           |      |       | 6,80  |       |               |       |
| 6   | 6,30           | 2,38  | 5,40           |      |       | 7,00  |       |               |       |
| 8   | 6,40           | 2,38  | 5,75           | 2,38 |       | 7,60  |       |               |       |
| 10  | 6,45           | 2,38  | 5,85           | 2,38 | 7,30  | 10,30 | 3,00  | 9,25          | 3,44  |
| 12  | 6,50           | 2,38  | 5,90           | 2,47 | 8,00  | 10,35 | 3,00  | 9,50          | 3,61  |
| 14  | 6,65           | 2,47  | 5,95           | 2,55 | -     | 10,45 | 3,27  | 9,50          | 4,03  |
| 16  | 6,80           | 2,47  | 6,10           | 2,82 | -     | 10,50 | 3,44  | 9,50          | 4,45  |
| 18  | 6,90           | 2,74  | 6,15           | 2,91 | -     | 10,50 | 3,88  | 10,50         | 4,87  |
| 20  | 6,95           | 2,82  | 6,00           | 3,00 | 8,60  | 10,35 | 3,99  | 10,75         | 5,39  |
| 22  | 6,95           | 3,08  | 6,25           | 3,15 | 9,40  | 10,75 | 4,34  | 11,60         | 5,85  |
| 24  | 6,80           | 3,27  | 6,30           | 3,40 | 9,40  | 10,80 | 4,66  | 12,20         | 6,30  |
| 26  | 7,10           | 3,35  | 6,40           | 3,75 | 16,30 | 10,85 | 5,11  | 13,20         | 6,72  |
| 28  | 7,25           | 3,44  | 6,80           | 3,99 | 17,40 | 10,95 | 5,53  | 13,55         | 7,35  |
| 30  | 7,30           | 3,62  | 6,70           | 4,17 | 16,40 | 10,70 | 5,85  | 13,25         | 7,74  |
| 32  | <u>11,00</u>   | 3,80  | 6,95           | 4,31 | 16,50 | 11,00 | 6,09  | 13,70         | 8,19  |
| 36  | <u>11,10</u>   | 4,15  | 7,50           | 4,66 | 16,60 | 11,10 | 6,55  | 13,75         | 9,17  |
| 40  | <u>11,20</u>   | 4,47  | 8,00           | 5,01 | 16,60 | 10,95 | 7,04  | 13,45         | 10,01 |
| 45  |                | 4,93  | <u>9,25</u>    | 5,43 | 16,70 | 12,40 | 7,60  | 17,85         | 11,03 |
| 50  |                | 5,31  | <u>9,50</u>    | 5,81 | 16,80 | 12,10 | 8,23  | 18,55         | 12,01 |
| 55  |                |       | <u>27,50</u>   |      |       | 14,90 | 8,82  | 22,50         | 13,09 |
| 60  |                |       | <u>27,90</u>   |      |       | 15,00 | 9,49  | 22,00         | 13,97 |
| 65  |                |       |                |      |       | 15,00 | 10,05 | 22,70         | 14,81 |
| 70  |                |       |                |      |       | 15,50 | 10,64 | 22,75         | 15,72 |
| 75  |                |       |                |      |       | 36,50 | 11,20 | 24,00         | 16,59 |
| 80  |                |       |                |      |       | 31,50 | 12,35 | 29,10         | 17,47 |
| 85  |                |       |                |      |       |       |       | 29,50         | 18,38 |
| 90  |                |       |                |      |       |       |       | <u>29,20</u>  | 19,18 |
| 95  |                |       |                |      |       |       |       | -             | 20,72 |
| 100 |                |       |                |      |       |       |       | <u>36,75</u>  | 22,05 |
| Q   | <u>200/100</u> | 1.000 | <u>200/100</u> | 500  | 100   | 100   | 500   | <u>100/50</u> | 500   |

# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunite

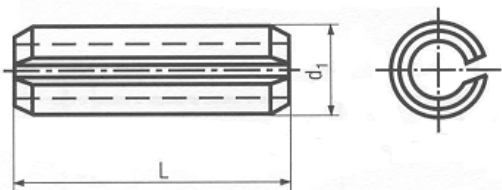
| D  | 7   | 8   | 9   | 10   | 12   |
|----|-----|-----|-----|------|------|
| d1 | 7,4 | 8,5 | 9,5 | 10,5 | 12,5 |

| I   | PREZZO € X 100 |       |               |       |               |        |       |               |        |
|-----|----------------|-------|---------------|-------|---------------|--------|-------|---------------|--------|
| 10  | 41,65          |       | 10,85         |       |               | 41,75  |       | 151,70        |        |
| 12  | -              | 5,55  | 13,15         |       |               | 41,90  |       | 152,10        |        |
| 14  | -              | 5,74  | 15,00         |       |               | -      | 17,65 | 152,80        |        |
| 16  | 11,25          | 6,18  | 14,00         | 7,11  |               | -      | 18,05 | 52,20         |        |
| 18  | -              | 6,53  | 14,50         | 7,77  |               | -      | 19,25 | 66,25         |        |
| 20  | 14,50          | 7,14  | 14,40         | 8,44  |               | -      | 12,96 | 56,85         | 25,58  |
| 22  | -              | 7,67  | 15,85         | 8,44  |               | -      | 13,98 | 69,00         | 27,35  |
| 24  | 16,55          | 8,12  | 17,75         | 9,63  |               | -      | 14,90 | 84,00         | 29,99  |
| 26  | -              | 8,65  | 17,90         | 10,32 |               | -      | 15,85 | 85,50         | 31,75  |
| 28  | -              | 9,35  | 19,40         | 11,27 |               | -      | 16,87 | 87,85         | 33,07  |
| 30  | 19,95          | 9,52  | 21,75         | 11,94 |               | -      | 17,83 | 91,35         | 34,83  |
| 32  | 20,10          | 10,00 | 32,55         | 12,72 |               | -      | 18,85 | 64,50         | 37,04  |
| 36  | 22,25          | 11,09 | 35,60         | 14,13 |               | -      | 21,24 | 92,40         | 41,90  |
| 40  | 23,40          | 12,34 | 35,50         | 14,87 | 40,40         | -      | 23,29 | 93,25         | 45,30  |
| 45  | 24,80          | 13,66 | 36,65         | 16,87 | -             | -      | 25,93 | 111,00        | 51,15  |
| 50  | 29,60          | 14,65 | 35,75         | 18,57 | 43,60         | -      | 28,96 | 109,00        | 55,57  |
| 55  | 29,80          | 16,32 | 36,75         | 20,19 | -             | -      | 31,53 | 115,50        | 60,42  |
| 60  | <u>36,25</u>   | 17,64 | <u>37,10</u>  | 21,67 | <u>49,20</u>  | 53,80  | 33,75 | 123,30        | 62,62  |
| 65  | <u>38,75</u>   | 18,96 | <u>40,40</u>  | 23,25 | -             | 60,15  | 36,39 | 129,10        | 65,26  |
| 70  | <u>39,05</u>   | 19,85 | <u>45,00</u>  | 24,66 | <u>80,10</u>  | 63,00  | 38,80 | 126,05        | 68,79  |
| 75  | <u>49,25</u>   | 21,61 | <u>45,20</u>  | 26,25 | -             | 67,65  | 41,23 | 129,75        | 71,44  |
| 80  | <u>51,95</u>   | 23,37 | <u>52,00</u>  | 27,73 | <u>80,60</u>  | 68,25  | 43,71 | 126,55        | 74,08  |
| 85  | -              | 26,01 | <u>53,65</u>  | 29,14 | -             | 75,25  | 46,11 | 155,45        | 92,61  |
| 90  | <u>56,75</u>   | 28,22 | <u>58,85</u>  | 30,87 | <u>107,50</u> | 76,25  | 48,51 | 171,60        | 97,01  |
| 95  | -              | 29,54 | <u>69,60</u>  | 32,19 |               | 77,00  | 50,89 | 265,60        | 101,43 |
| 100 | <u>57,20</u>   | 31,75 | <u>73,80</u>  | 33,54 |               | 90,85  | 53,29 | 279,40        | 107,61 |
| 120 |                |       | <u>204,70</u> | 47,62 |               | 472,55 | 78,50 | <u>465,30</u> | 127,89 |
| 140 |                |       |               |       |               | 473,10 |       | <u>555,75</u> |        |
| 160 |                |       |               |       |               | 568,20 |       | <u>736,00</u> |        |
| 180 |                |       |               |       |               |        |       | <u>825,00</u> |        |
| Q   | <u>100/50</u>  | 200   | <u>100/50</u> | 200   | <u>100/50</u> | 50     | 100   | <u>25/10</u>  | 100    |

# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunite

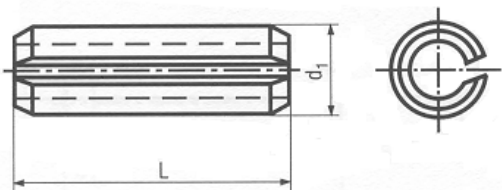
| D  | 13   | 14   | 16   | 18   | 20   |
|----|------|------|------|------|------|
| d1 | 13,5 | 14,8 | 16,8 | 18,9 | 20,9 |

| I   | PREZZO € X 100 |                 |                 |                 |                 |
|-----|----------------|-----------------|-----------------|-----------------|-----------------|
| 10  |                |                 | 431,00          |                 |                 |
| 12  |                | 387,00          | -               |                 |                 |
| 14  |                | -               | -               |                 |                 |
| 16  |                | -               | 223,00          |                 |                 |
| 18  |                | 156,20          | 194,00          |                 |                 |
| 20  | 86,25          | 236,20          | 130,90          |                 | 580,70          |
| 22  | -              | -               | 135,75          |                 | -               |
| 24  | 99,75          | 117,30          | 149,50          | 271,25          | -               |
| 26  | 100,60         | -               | 145,60          | -               | -               |
| 28  | 105,25         | 213,70          | 146,60          | -               | -               |
| 30  | 112,20         | 182,60          | 146,90          | 210,20          | 286,55          |
| 32  | 114,65         | 126,00          | 147,50          | -               | 253,90          |
| 36  | 115,50         | 132,20          | 147,90          | 211,95          | 269,20          |
| 40  | 116,20         | 132,50          | 144,80          | 214,70          | 296,90          |
| 45  | 126,70         | 132,80          | 149,00          | 251,90          | 302,50          |
| 50  | 127,00         | 133,00          | 145,90          | 221,40          | 367,75          |
| 55  | 128,45         | 207,30          | 150,00          | 247,75          | 299,80          |
| 60  | 128,90         | 137,50          | 146,50          | 297,85          | 359,55          |
| 65  | 133,60         | 146,30          | 150,80          | 342,75          | 404,50          |
| 70  | 133,90         | 154,10          | 147,60          | 349,95          | 405,25          |
| 75  | 134,40         | 160,00          | 207,00          | 351,00          | 452,35          |
| 80  | 166,20         | 170,50          | 203,70          | 385,50          | 479,95          |
| 85  | 379,65         | 220,80          | 293,30          | -               | <u>694,95</u>   |
| 90  | 232,75         | 306,60          | 235,00          | <u>249,95</u>   | <u>694,50</u>   |
| 95  | 566,30         | -               | -               | <u>678,50</u>   | <u>735,65</u>   |
| 100 | <u>322,25</u>  | <u>338,90</u>   | <u>456,00</u>   | <u>1.127,65</u> | <u>1.384,00</u> |
| 120 | <u>1162,75</u> | <u>854,00</u>   | <u>473,00</u>   | -               | <u>1.634,35</u> |
| 140 | <u>1175,35</u> | <u>972,75</u>   | <u>945,85</u>   | <u>1.678,75</u> | <u>1.940,95</u> |
| 160 | <u>1205,15</u> | <u>975,80</u>   | <u>1.071,00</u> | <u>1.769,75</u> | <u>1.942,00</u> |
| 180 | <u>1208,70</u> | -               | <u>1.073,30</u> |                 | <u>2.149,50</u> |
| 200 |                | <u>1.026,75</u> | <u>1.334,70</u> |                 | <u>2.314,80</u> |
| Q   | <u>25/10</u>   | <u>25/10</u>    | <u>25/10</u>    | <u>25/10</u>    | <u>25/10</u>    |

# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunite

| D  | 21   | 25   | 28   | 30   | 40   |
|----|------|------|------|------|------|
| d1 | 21,9 | 25,9 | 28,9 | 30,9 | 40,9 |

| I   | PREZZO € X 100  |                 |                 |                  |          |
|-----|-----------------|-----------------|-----------------|------------------|----------|
| 20  | 449,20          |                 |                 |                  |          |
| 22  | -               |                 |                 |                  |          |
| 24  | 559,75          |                 |                 |                  |          |
| 26  | 459,60          |                 | 1.694,05        |                  |          |
| 28  | -               |                 | 1.891,80        |                  |          |
| 30  | 494,80          |                 | 2.049,75        | 2.119,60         |          |
| 32  | 445,75          | 1.271,55        | 1.472,25        | 1.405,40         |          |
| 36  | 446,25          | 1.125,85        | 1.508,25        | 1.911,15         |          |
| 40  | 449,30          | 1.304,70        | 1.547,20        | 1.919,50         |          |
| 45  | 499,65          | -               | 1.568,70        | -                |          |
| 50  | 504,70          | 1.308,50        | 1.640,15        | 1.919,95         | 2.381,05 |
| 55  | 552,15          | 1.394,40        | 1.658,80        | -                | 2.678,35 |
| 60  | 553,70          | 1.421,25        | 1.745,00        | 1.926,75         | 2.838,45 |
| 65  | <u>682,05</u>   | 1.427,80        | 1.876,90        | 2.221,60         | -        |
| 70  | <u>653,65</u>   | 1.430,95        | 2.005,70        | 2.257,75         | 3.187,30 |
| 75  | <u>733,50</u>   | -               | 2.110,50        | -                | -        |
| 80  | <u>1.067,30</u> | 1.588,40        | 2.073,75        | 2.474,80         | 3.410,25 |
| 85  | <u>1.036,50</u> | 1.775,90        | -               | -                | -        |
| 90  | <u>1.083,65</u> | 1.851,30        | 2.844,80        | <u>2.835,70</u>  | 3.796,30 |
| 100 | <u>1.654,45</u> | 2.440,20        | <u>3.436,20</u> | <u>3.735,95</u>  | 4.225,70 |
| 120 | <u>2.093,00</u> | <u>2.480,40</u> | <u>3.796,30</u> | <u>4.178,00</u>  |          |
| 130 | <u>3.785,50</u> | -               | -               | -                |          |
| 140 | <u>2.634,35</u> | <u>3.590,85</u> | <u>4.182,35</u> | <u>5.211,85</u>  |          |
| 160 | -               | <u>4.059,25</u> | <u>5.050,95</u> | <u>8.279,30</u>  |          |
| 180 | -               | -               | -               | <u>9.691,75</u>  |          |
| 200 | <u>3.069,55</u> | <u>5.724,30</u> | <u>5.469,75</u> | <u>14.210,50</u> |          |
| Q   | <u>25/10</u>    | <u>10/5</u>     | <u>10/5</u>     | <u>10/5</u>      | 5        |

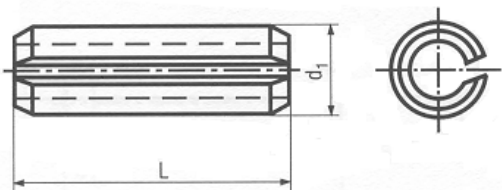
SU RICHIESTA DIAMETRO D. 35



# DM

## SPINE ELASTICHE esecuzione leggera

DIN 7346  
ISO 13337



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunita

| D  | 2   | 2,5 | 3   | 4   | 5   | 6   | 8   | 10   | 12   | 13   | 16   |
|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| d1 | 2,3 | 2,8 | 3,3 | 4,4 | 5,4 | 6,4 | 8,5 | 10,5 | 12,5 | 13,5 | 16,5 |

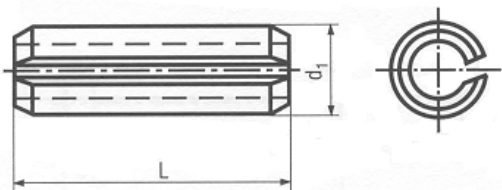
| I   | PREZZO € x100 |       |       |                 |              |                |       |               |               |        |               |
|-----|---------------|-------|-------|-----------------|--------------|----------------|-------|---------------|---------------|--------|---------------|
| 4   | 5,85          |       | 6,65  |                 |              |                |       |               |               |        |               |
| 5   | 6,25          | 7,00  | 6,75  |                 | 8,20         |                |       |               |               |        |               |
| 6   | 6,60          | 7,10  | 6,80  | 7,25            | 15,60        |                |       |               |               |        |               |
| 8   | 6,90          | 7,25  | 7,85  | 8,10            | 8,80         |                |       |               |               |        |               |
| 10  | 7,00          | 9,80  | 7,95  | 9,20            | 8,90         | 13,40          | 17,25 | 82,20         | 277,10        | 260,50 | 216,25        |
| 12  | 7,10          | 10,00 | 8,00  | 9,30            | 10,40        | 13,40          | 20,05 | 59,50         | -             | 307,60 | -             |
| 14  | 7,30          | 10,20 | 9,00  | 9,45            | 14,45        | 12,60          | 20,20 | 23,40         | -             | 299,85 | -             |
| 16  | 7,40          | 10,25 | 9,10  | 13,25           | 10,55        | 12,60          | 20,40 | 27,50         | 221,10        | 127,05 | -             |
| 18  | 7,45          | 10,30 | 9,15  | 13,40           | 10,75        | 12,75          | 20,60 | -             |               | -      | 270,60        |
| 20  | 7,50          | 10,40 | -     | 13,45           | <u>11,50</u> | 13,25          | 22,00 | 37,15         | 256,60        | 128,10 | 181,10        |
| 22  | 7,60          | -     | 9,70  | 13,50           | <u>12,00</u> | 14,80          | 23,80 | 37,40         | -             | 135,05 | 194,00        |
| 24  | 7,70          | 10,55 | 10,00 | 13,60           | <u>13,00</u> | 15,45          | 25,35 | 37,55         | 94,45         | 140,75 | 194,30        |
| 26  | -             | 10,65 | 10,20 | 13,70           | <u>13,25</u> | 15,70          | 25,50 | 37,85         | 127,65        | 177,60 | 200,75        |
| 28  | -             | -     | 10,25 | 13,75           | <u>13,50</u> | 16,00          | 28,50 | -             | 132,25        | 147,05 | 222,65        |
| 30  | 8,30          | 10,75 | 10,30 | 13,90           | <u>16,25</u> | 16,60          | 28,60 | 37,00         | 134,00        | 151,40 | 206,10        |
| 32  |               |       | 10,38 | <u>14,00</u>    | <u>16,40</u> | 18,75          | 29,20 | -             | 145,50        | -      | 211,60        |
| 36  |               |       | 10,55 | <u>14,10</u>    | <u>16,60</u> | 18,75          | 32,20 | 46,35         | 150,00        | 156,55 | 213,10        |
| 40  |               |       | 10,60 | <u>14,20</u>    | <u>16,90</u> | 21,70          | 35,75 | 52,50         | 153,85        | 159,70 | 214,80        |
| 45  |               |       |       | <u>14,25</u>    | <u>17,00</u> | 21,80          | 36,60 | <u>60,10</u>  | 158,55        | -      | 244,15        |
| 50  |               |       |       | <u>17,00</u>    | <u>20,90</u> | 22,60          | 36,75 | <u>60,55</u>  | 168,50        | 165,00 | 244,50        |
| 55  |               |       |       |                 | -            | 24,60          | 38,25 | -             | 175,20        | -      | 251,00        |
| 60  |               |       |       |                 | <u>21,00</u> | 26,40          | 42,25 | <u>79,80</u>  | 178,00        | -      | <u>286,05</u> |
| 65  |               |       |       |                 | -            | -              | 45,65 | -             | 178,35        | -      | -             |
| 70  |               |       |       |                 | <u>24,00</u> | 32,85          | 47,55 | <u>80,05</u>  | 236,80        | 206,80 | <u>302,45</u> |
| 75  |               |       |       |                 | -            | -              | -     | -             | -             |        |               |
| 80  |               |       |       |                 | <u>28,85</u> | 34,75          | 66,38 | <u>104,65</u> | 228,75        |        |               |
| 90  |               |       |       |                 |              | -              | -     | <u>105,75</u> | -             |        |               |
| 95  |               |       |       |                 |              | -              | -     | -             | -             |        |               |
| 100 |               |       |       |                 |              | 74,90          | 90,35 | <u>109,70</u> | <u>446,80</u> |        |               |
| Q   | 200           |       |       | 200/ <u>100</u> |              | 100/ <u>50</u> |       |               | 50/ <u>25</u> |        |               |

SU RICHIESTA DIAMETRO D. 21

# DM

## SPINE ELASTICHE esecuzione pesante

DIN 1481  
ISO 8752  
UNI 6873



## ACCIAIO INOX

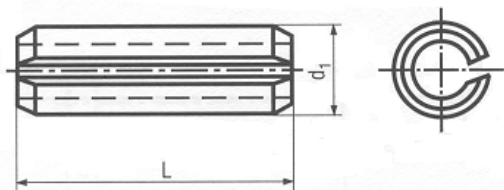
### DIMENSIONI METRICHE

| D  | 1   | 1,5 | 2   | 2,5 | 3   | 3,5 | 4   | 4,5 | 5   | 6   | 8   | 10   |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| d1 | 1,3 | 1,7 | 2,3 | 2,8 | 3,3 | 4   | 4,4 | 5,1 | 5,6 | 6,7 | 8,8 | 10,8 |

| I   | PREZZO € X 100 |       |       |       |               |       |              |        |        |        |        |               |
|-----|----------------|-------|-------|-------|---------------|-------|--------------|--------|--------|--------|--------|---------------|
| 4   | 15,80          |       | 5,90  | 6,70  | 7,30          |       |              |        |        |        |        |               |
| 5   | 17,65          | 4,65  | 5,90  | 19,10 | 5,05          |       |              |        |        |        |        |               |
| 6   | 15,80          | 3,75  | 5,75  | 6,25  | 4,85          | 10,25 | 8,50         |        | 12,50  |        |        |               |
| 8   | 17,65          | 3,60  | 5,70  | 5,55  | 7,70          | -     | 9,65         |        | 43,40  |        |        |               |
| 10  | 14,20          | 6,25  | 6,05  | 5,70  | 6,60          | 16,80 | 7,75         | 40,90  | 19,50  | 22,90  | 95,50  | 168,10        |
| 12  | 19,10          | 5,80  | 6,30  | 5,75  | 8,55          | 12,25 | 11,65        | 45,05  | 16,80  | 24,00  | 57,35  | 174,30        |
| 14  | 19,75          | 9,20  | 6,40  | 5,85  | 9,65          | 18,95 | <u>13,95</u> | 49,80  | 11,40  | 25,25  | 60,70  | -             |
| 16  | 20,35          | 9,95  | 7,25  | 7,50  | 9,75          | 14,95 | <u>15,25</u> | 52,95  | 18,50  | 26,20  | 114,15 | 98,20         |
| 18  | 20,95          | 10,45 | 7,90  | 8,00  | 10,25         | 50,25 | <u>16,45</u> | 58,10  | 11,95  | 28,00  | 132,80 | 246,95        |
| 20  | 21,80          | 12,05 | 7,00  | 6,15  | 11,00         | 24,15 | <u>17,45</u> | 63,30  | 14,85  | 22,70  | 138,50 | 49,80         |
| 22  |                |       | 12,50 | 28,25 | 13,40         | 58,10 | <u>18,30</u> | 66,45  | 27,55  | 27,90  | 174,30 | 282,25        |
| 24  |                |       | 26,35 | 28,70 | <u>13,90</u>  | 22,85 | <u>19,40</u> | 87,00  | 23,75  | 37,70  | 50,00  | 58,70         |
| 26  |                |       | 25,70 | 31,35 | <u>8,00</u>   | 25,65 | <u>19,80</u> | 75,95  | 25,00  | 27,50  | 40,95  | -             |
| 28  |                |       | 29,05 | 33,25 | <u>11,95</u>  | 68,50 | <u>21,40</u> | 78,85  | 28,25  | 32,25  | 199,25 | 66,25         |
| 30  |                |       | 24,75 | 32,25 | <u>11,90</u>  | 65,95 | <u>25,65</u> | 78,00  | 24,00  | 36,50  | 55,65  | <u>69,25</u>  |
| 32  |                |       |       |       | <u>32,30</u>  | 75,75 | <u>22,70</u> | 89,25  | 28,55  | 46,05  | 53,70  | 329,95        |
| 36  |                |       |       |       | <u>19,45</u>  | 79,30 | <u>25,90</u> | 105,85 | 27,45  | 49,75  | 51,15  | 89,60         |
| 40  |                |       |       |       | <u>18,50</u>  | 92,35 | <u>28,10</u> | 100,95 | 32,25  | 44,95  | 66,00  | 98,60         |
| 45  |                |       |       |       |               |       | <u>28,05</u> | 122,45 | 38,75  | 48,30  | 72,55  | <u>141,45</u> |
| 50  |                |       |       |       |               |       | <u>29,80</u> | 132,80 | 48,60  | 75,25  | 94,75  | 114,95        |
| 55  |                |       |       |       |               |       |              |        | -      | -      | 92,75  | <u>153,70</u> |
| 60  |                |       |       |       |               |       |              |        | 105,35 | 94,75  | 88,70  | <u>148,25</u> |
| 65  |                |       |       |       |               |       |              |        | -      | -      | -      | 664,00        |
| 70  |                |       |       |       |               |       |              |        | 99,45  | 116,50 | 119,25 | 144,40        |
| 80  |                |       |       |       |               |       |              |        |        | 120,50 | 106,70 | <u>191,45</u> |
| 90  |                |       |       |       |               |       |              |        |        |        | 112,25 | 778,15        |
| 100 |                |       |       |       |               |       |              |        |        |        |        | 224,00        |
| Q   | 100            |       |       |       | <u>100/50</u> |       |              |        | 50     | 25     |        | <u>50/10</u>  |

# DM

## SPINE ELASTICHE (POLLICI)



### ACCIAIO PER MOLLE

DIMENSIONI POLLICI

FINITURA: brunita

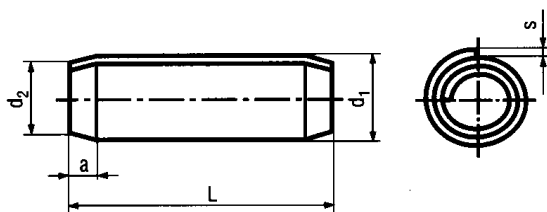
| D | 5/64 | 3/32 | 1/8 | 5/32 | 3/16 | 7/32 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 |
|---|------|------|-----|------|------|------|-----|------|-----|------|-----|
|---|------|------|-----|------|------|------|-----|------|-----|------|-----|

| I     | PREZZO € x100 |       |       |       |       |       |        |        |        |        |        |
|-------|---------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 3/16  | 7,18          |       |       |       |       |       |        |        |        |        |        |
| 1/4   | 7,18          | 7,42  | 9,04  |       |       |       |        |        |        |        |        |
| 5/16  | 7,18          | 7,42  | -     |       |       |       |        |        |        |        |        |
| 3/8   | 7,29          | 7,65  | 9,04  | 12,74 | 16,79 |       |        |        |        |        |        |
| 7/16  | 7,42          | 7,65  | 9,27  | 12,74 | -     |       |        |        |        |        |        |
| 1/2   | 7,42          | 7,99  | 9,73  | 13,20 | 16,79 |       | 25,48  |        |        |        |        |
| 9/16  | 7,53          | 7,99  | 9,96  | 13,43 | 17,38 | 20,85 | -      |        |        |        |        |
| 5/8   | 7,65          | 8,11  | 10,30 | 13,66 | 17,38 | 22,00 | 25,48  |        |        |        |        |
| 11/16 | 7,76          | 8,22  | 11,01 | 14,48 | 17,95 | 22,59 | 27,22  |        |        |        |        |
| 3/4   | 7,88          | 8,34  | 11,35 | 15,05 | 18,53 | 23,16 | 28,37  | 35,33  | 55,59  |        |        |
| 13/16 | 8,11          | 8,57  | 11,58 | 15,64 | 19,69 | 24,90 | 30,11  | 39,38  | -      |        |        |
| 7/8   | 8,11          | 8,80  | 12,74 | 16,56 | 20,26 | 26,06 | 31,27  | 40,54  | -      |        |        |
| 15/16 | -             | 9,38  | 12,97 | 17,38 | 21,42 | 27,80 | 33,59  | 42,85  | -      |        |        |
| 1"    | 8,68          | 9,84  | 13,66 | 17,95 | 22,00 | 28,37 | 35,33  | 45,17  | 69,50  | 77,60  |        |
| 1"1/8 | 9,27          | 10,07 | 14,71 | 16,69 | 23,75 | 30,11 | 38,31  | 49,80  | -      | -      |        |
| 1"1/4 | 10,42         | 11,12 | 15,40 | 20,26 | 24,90 | 32,43 | 41,11  | 54,43  | 82,23  | 91,49  | 191,10 |
| 1"3/8 | -             | -     | 16,22 | 21,77 | 25,48 | 34,74 | 45,17  | 59,65  | -      | -      | -      |
| 1"1/2 | 11,58         | 11,35 | 17,38 | 22,59 | 27,80 | 37,07 | 48,65  | 64,27  | 94,97  | 110,02 | 223,53 |
| 1"5/8 |               |       | 18,76 | 23,75 | 28,96 | 39,95 | 53,28  | 71,81  | -      | -      | -      |
| 1"3/4 |               |       | 19,69 | 24,90 | 30,69 | 45,75 | 56,75  | 76,44  | 110,02 | 127,40 | 254,79 |
| 1"7/8 |               |       | 21,42 | 26,63 | 33,01 | 48,65 | 60,80  | 83,39  | -      | -      | -      |
| 2"    |               |       | 23,16 | 27,80 | 34,74 | 50,96 | 64,86  | 88,02  | 127,40 | 148,25 | 289,54 |
| 2"1/4 |               |       |       | 29,53 | 37,06 | 52,69 | 69,49  | 97,29  | 142,45 | 169,10 | 324,29 |
| 2"1/2 |               |       |       | 31,27 | 35,95 | 57,90 | 73,54  | 112,34 | 158,67 | 191,10 | 368,29 |
| 2"3/4 |               |       |       |       |       | 64,86 | 79,34  | 126,24 | 177,19 | 211,95 | 409,99 |
| 3"    |               |       |       |       |       | 68,33 | 86,28  | 143,61 | 193,41 | 235,11 | 451,69 |
| 3"1/4 |               |       |       |       |       |       | 96,13  | 152,88 | 210,78 |        | 494,53 |
| 3"1/2 |               |       |       |       |       |       | 103,07 | 166,77 | 225,84 |        | 530,44 |
| 3"3/4 |               |       |       |       |       |       |        | 178,35 | 240,89 |        | 579,08 |
| 4"    |               |       |       |       |       |       |        | 191,10 | 261,74 |        | 621,93 |
| Q     | 1.000         |       | 500   |       |       | 250   |        |        | 100    |        |        |

# DM

## SPINE SPIRALI esecuzione leggera

DIN 7343  
ISO 8750  
UNI 6875



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunita

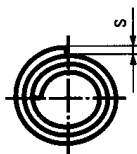
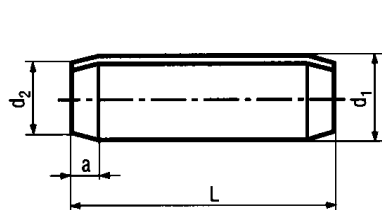
| D  | 1,5  | 2    | 2,5  | 3    | 3,5  | 4   | 5    | 6    | 8   | 10    | 12   |
|----|------|------|------|------|------|-----|------|------|-----|-------|------|
| d1 | 1,62 | 2,13 | 2,65 | 3,15 | 3,67 | 4,2 | 5,25 | 6,25 | 8,3 | 10,35 | 12,4 |

| I   | PREZZO € x100 |      |      |      |      |      |       |       |       |        |        |
|-----|---------------|------|------|------|------|------|-------|-------|-------|--------|--------|
| 5   | 2,85          |      |      |      |      |      |       |       |       |        |        |
| 6   | 2,90          | 3,17 |      |      |      |      |       |       |       |        |        |
| 8   | 2,97          | 3,26 | 3,67 |      |      |      |       |       |       |        |        |
| 10  | 3,01          | 3,34 | 3,78 | 3,97 |      | 7,45 | 10,03 |       |       |        |        |
| 12  | 3,08          | 3,42 | 3,88 | 4,18 | 5,19 | 5,93 | 10,59 |       |       |        |        |
| 14  | 3,14          | 3,51 | 3,99 | 4,38 | 5,44 | 6,22 | 8,45  |       |       |        |        |
| 16  | 3,19          | 3,59 | 4,08 | 4,59 | 5,69 | 6,51 | 8,87  |       |       |        |        |
| 18  |               | 3,67 | 4,20 | 4,80 | 5,95 | 6,80 | 9,29  | 11,89 |       |        |        |
| 20  |               | 3,75 | 4,29 | 5,00 | 6,19 | 7,08 | 9,73  | 12,49 | 21,47 |        |        |
| 22  |               |      | 4,38 | 5,21 | 6,44 | 7,37 | 10,14 | 13,06 | 23,00 |        |        |
| 24  |               |      | 4,50 | 5,42 | 6,69 | 7,66 | 10,57 | 13,65 | 24,55 | 36,46  |        |
| 26  |               |      |      | 5,62 | 6,96 | 7,95 | 11,01 | 14,23 | 26,09 | 39,09  |        |
| 28  |               |      |      | 5,84 | 7,21 | 8,23 | 11,42 | 14,81 | 27,65 | 41,75  |        |
| 30  |               |      |      | 6,26 | 7,46 | 8,51 | 11,85 | 15,39 | 29,19 | 44,37  | 66,25  |
| 35  |               |      |      |      | 8,71 | 9,24 | 12,92 | 16,86 | 33,05 | 50,97  | 81,32  |
| 40  |               |      |      |      |      | 9,95 | 13,97 | 18,31 | 36,92 | 57,59  | 96,39  |
| 45  |               |      |      |      |      |      | 15,04 | 19,77 | 40,78 | 64,18  | 111,46 |
| 50  |               |      |      |      |      |      |       | 21,24 | 44,63 | 70,29  | 126,53 |
| 55  |               |      |      |      |      |      |       | 22,69 | 48,50 | 77,38  | 141,60 |
| 60  |               |      |      |      |      |      |       |       | 52,36 | 83,99  | 156,66 |
| 65  |               |      |      |      |      |      |       |       | 56,24 | 90,57  | 171,74 |
| 70  |               |      |      |      |      |      |       |       | 60,10 | 97,18  | 186,81 |
| 75  |               |      |      |      |      |      |       |       | 63,95 | 103,78 | 201,88 |
| 80  |               |      |      |      |      |      |       |       |       | 110,37 | 216,95 |
| 85  |               |      |      |      |      |      |       |       |       | 116,99 | 232,05 |
| 90  |               |      |      |      |      |      |       |       |       |        | 247,11 |
| 95  |               |      |      |      |      |      |       |       |       |        | 262,19 |
| 100 |               |      |      |      |      |      |       |       |       |        | 277,25 |
| Q   | 1.000         |      |      |      |      | 500  |       |       | 200   | 100    |        |

# DM

## SPINE SPIRALI esecuzione leggera

DIN 7343  
ISO 8750  
UNI 6875



### ACCIAIO INOX

#### DIMENSIONI METRICHE

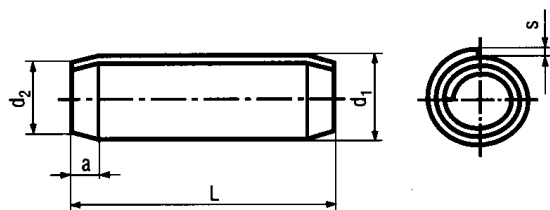
| D  | 0,8  | 1,2  | 1,5  | 2    | 2,5  | 3    | 4   | 5    | 6    | 8   | 10   | 12   |
|----|------|------|------|------|------|------|-----|------|------|-----|------|------|
| d1 | 0,85 | 1,25 | 1,62 | 2,13 | 2,65 | 3,15 | 4,2 | 5,25 | 6,25 | 8,3 | 10,3 | 12,4 |

| I   | PREZZO € x100 |      |      |      |       |       |       |       |       |        |        |          |
|-----|---------------|------|------|------|-------|-------|-------|-------|-------|--------|--------|----------|
| 4   | 8,50          | 8,06 |      |      |       |       |       |       |       |        |        |          |
| 5   | 8,61          | 8,23 | 6,49 |      |       |       |       |       |       |        |        |          |
| 6   | 8,74          | 8,42 | 6,62 | 7,23 | 10,75 |       |       |       |       |        |        |          |
| 8   | 8,86          | 8,59 | 6,77 | 7,41 | 8,37  |       |       |       |       |        |        |          |
| 10  | 8,98          | 8,76 | 7,89 | 7,60 | 8,61  | 9,05  |       |       |       |        |        |          |
| 12  | 9,09          | 8,94 | 7,02 | 7,77 | 8,86  | 9,51  | 19,16 |       |       |        |        |          |
| 14  |               |      | 7,14 | 7,98 | 9,07  | 9,98  | 20,08 | 27,29 |       |        |        |          |
| 16  |               |      |      | 8,18 | 9,30  | 10,47 | 21,02 | 28,65 |       |        |        |          |
| 18  |               |      |      | 8,35 | 9,55  | 10,93 | 21,94 | 30,03 | 48,97 |        |        |          |
| 20  |               |      |      |      | 9,76  | 11,41 | 22,87 | 31,40 | 51,37 | 83,69  |        |          |
| 22  |               |      |      |      | 10,01 | 11,89 | 23,79 | 32,78 | 53,77 | 89,71  |        |          |
| 24  |               |      |      |      |       | 12,35 | 24,74 | 34,16 | 56,18 | 95,74  | 148,73 |          |
| 26  |               |      |      |      |       | 12,82 | 25,66 | 35,52 | 58,56 | 101,74 | 159,49 |          |
| 28  |               |      |      |      |       | 13,31 | 26,59 | 36,90 | 60,96 | 107,77 | 170,26 |          |
| 30  |               |      |      |      |       |       | 27,51 | 38,28 | 63,37 | 113,80 | 181,04 | 257,37   |
| 35  |               |      |      |      |       |       | 29,84 | 41,71 | 69,39 | 128,86 | 207,95 | 315,92   |
| 40  |               |      |      |      |       |       | 32,17 | 45,18 | 75,38 | 143,92 | 234,90 | 374,50   |
| 45  |               |      |      |      |       |       |       | 48,58 | 81,41 | 159,00 | 261,83 | 433,04   |
| 50  |               |      |      |      |       |       |       |       | 87,40 | 174,06 | 286,72 | 491,56   |
| 55  |               |      |      |      |       |       |       |       | 93,41 | 189,12 | 315,68 | 550,21   |
| 60  |               |      |      |      |       |       |       |       |       | 204,21 | 342,59 | 608,72   |
| 65  |               |      |      |      |       |       |       |       |       | 219,27 | 379,52 | 667,26   |
| 70  |               |      |      |      |       |       |       |       |       | 234,32 | 396,43 | 725,81   |
| 75  |               |      |      |      |       |       |       |       |       | 249,39 | 423,37 | 784,36   |
| 80  |               |      |      |      |       |       |       |       |       |        | 450,28 | 846,94   |
| 85  |               |      |      |      |       |       |       |       |       |        | 477,22 | 901,52   |
| 90  |               |      |      |      |       |       |       |       |       |        |        | 960,07   |
| 95  |               |      |      |      |       |       |       |       |       |        |        | 1.018,61 |
| 100 |               |      |      |      |       |       |       |       |       |        |        | 1.077,16 |
| Q   | 1.000         |      |      |      |       |       | 500   |       |       | 200    | 100    |          |

# DM

## SPINE SPIRALI esecuzione pesante

DIN 7344  
ISO 8748  
UNI 6876



## ACCIAIO PER MOLLE

DIMENSIONI METRICHE  
FINITURA: brunite

| D  | 1,5  | 2    | 2,5  | 3    | 4    | 5    | 6    | 8    | 10    | 12    |
|----|------|------|------|------|------|------|------|------|-------|-------|
| d1 | 1,61 | 2,11 | 2,62 | 3,12 | 4,15 | 5,15 | 6,18 | 8,21 | 10,24 | 12,27 |

| I  | PREZZO € x100 |      |      |      |       |       |       |       |       |        |
|----|---------------|------|------|------|-------|-------|-------|-------|-------|--------|
| 4  | 3,31          | 3,55 |      |      |       |       |       |       |       |        |
| 5  | 3,38          | 3,66 | 4,11 |      |       |       |       |       |       |        |
| 6  | 3,45          | 3,76 | 4,22 | 4,21 |       |       |       |       |       |        |
| 8  | 3,52          | 3,85 | 4,35 | 4,45 | 6,34  |       |       |       |       |        |
| 10 | 3,58          | 3,94 | 4,46 | 4,70 | 6,68  | 9,01  |       |       |       |        |
| 12 | 3,65          | 4,05 | 4,60 | 4,95 | 7,03  | 9,50  | 12,49 |       |       |        |
| 14 | 3,71          | 4,14 | 4,73 | 5,19 | 7,37  | 10,02 | 12,95 |       |       |        |
| 16 | 3,78          | 4,24 | 4,84 | 5,44 | 7,72  | 10,51 | 13,40 | 21,77 |       |        |
| 18 |               | 4,35 | 4,97 | 5,68 | 8,05  | 11,01 | 14,10 | 23,59 |       |        |
| 20 |               |      | 5,08 | 5,92 | 8,38  | 11,52 | 14,79 | 25,42 |       |        |
| 22 |               |      | 5,20 | 6,19 | 8,73  | 12,02 | 15,47 | 27,24 | 40,05 |        |
| 24 |               |      | 5,32 | 6,43 | 9,06  | 12,52 | 16,16 | 29,08 | 43,19 |        |
| 26 |               |      |      | 6,66 | 9,41  | 13,03 | 16,85 | 30,91 | 46,32 |        |
| 28 |               |      |      | 6,92 | 9,75  | 13,54 | 17,55 | 32,74 | 49,44 | 71,31  |
| 30 |               |      |      | 7,41 | 10,10 | 14,03 | 18,24 | 34,56 | 52,27 | 78,46  |
| 35 |               |      |      |      | 10,94 | 15,31 | 19,98 | 39,16 | 60,39 | 96,32  |
| 40 |               |      |      |      | 11,80 | 16,56 | 21,69 | 43,72 | 68,20 | 114,17 |
| 45 |               |      |      |      |       | 17,81 | 23,43 | 48,30 | 76,04 | 132,02 |
| 50 |               |      |      |      |       |       | 25,16 | 52,88 | 83,27 | 149,88 |
| 55 |               |      |      |      |       |       | 26,88 | 57,44 | 91,67 | 167,73 |
| 60 |               |      |      |      |       |       |       | 62,04 | 99,48 | 185,61 |
| Q  | 1.000         |      |      |      | 500   |       |       | 200   | 100   |        |

# ALTRO FORNIBILE

SPINE ELASTICHE ESECUZIONE LEGGERE DIN 7346 – UNI 6874



SPINE ELASTICHE ESECUZIONE PESANTE CON FESSURA DENTATA



SPINE ELASTICHE ESECUZIONE PESANTE CON FESSURA DENTATA

(EST.RETTIFICATO)



GHIERE ELASTICHE DIN 1498

