

# ELEMENTI DI SCORRIMENTO

*Sliding elements*

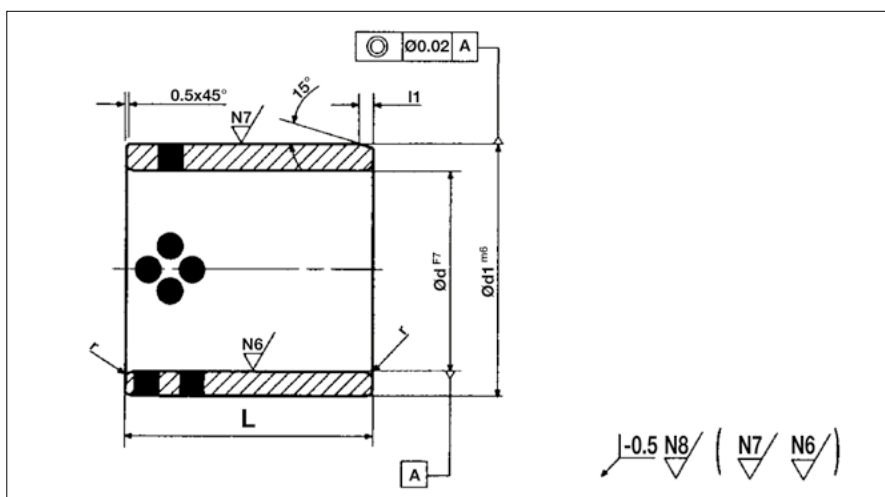


## ELEMENTI DI SCORRIMENTO

# Bussole lisce

Bush self-lubricating

## Bussole autolubrificanti con inserti in grafite Bush self-lubricating



|           |                            |
|-----------|----------------------------|
| Codice    | Cod. <b>A910/...</b>       |
| Materiale | Bronzo + grafite<br>HB≥190 |

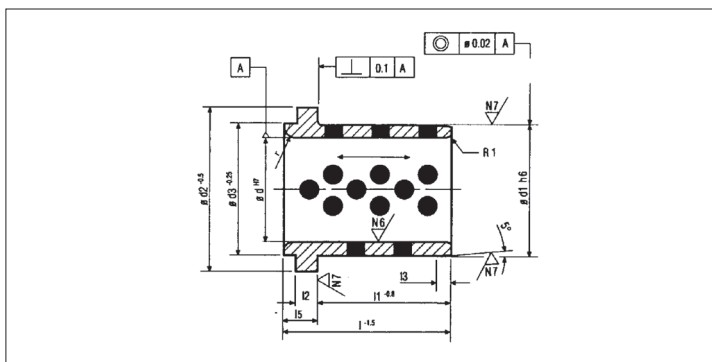
| Ød    | 8  | 8  | 10 | 10 | 12 | 12 | 13 | 14 | 15 | 16 | 16 | 18 | 19 | 20 | 20 | 20 | 22 | 25 | 25 | 25 | 30 | 30 | 30 | 31 | 32 | 35 | 35 | 38 | 40 | 40 |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ød1   | 11 | 12 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 20 | 22 | 24 | 26 | 26 | 28 | 30 | 32 | 30 | 33 | 35 | 38 | 40 | 45 | 40 | 42 | 44 | 45 | 48 | 50 | 55 |
| l1    | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 1  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
| r     | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| L-0,2 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8     |    | •  | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10    |    | •  | •  | •  | •  | •  | •  | •  | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 12    |    | •  | •  |    | •  | •  |    | •  | •  |    | •  |    |    |    |    |    | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14    | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15    | •  | •  | •  |    |    | •  |    |    | •  |    |    | •  | •  | •  |    |    | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 16    |    |    |    |    |    | •  | •  | •  |    | •  | •  | •  |    |    | •  | •  |    |    | •  | •  |    |    |    |    |    |    |    |    |    |    |
| 18    |    |    |    |    |    |    |    |    |    |    |    | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20    |    |    | •  |    |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 25    |    |    |    |    |    | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 28    |    |    |    |    |    |    |    |    |    | •  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30    |    |    |    |    | •  |    |    | •  | •  |    | •  | •  |    | •  | •  | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 35    |    |    |    |    |    |    |    |    |    |    | •  | •  |    |    | •  | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 40    |    |    |    |    |    |    |    |    |    |    | •  | •  |    |    | •  | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 50    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 60    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |
| 100   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |

| Ød    | 45 | 45 | 45 | 50 | 50 | 50 | 55 | 60 | 60 | 60 | 63 | 65 | 70 | 70 | 75 | 75 | 80 | 80  | 90  | 100 | 110 | 120 | 125 | 130 | 140 | 150 | 160 |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ød1   | 55 | 56 | 60 | 60 | 62 | 65 | 70 | 70 | 74 | 75 | 75 | 80 | 85 | 90 | 90 | 95 | 96 | 100 | 110 | 120 | 130 | 140 | 145 | 150 | 160 | 170 | 180 |
| l1    | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| r     | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   |
| L-0,2 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 30    | •  | •  | •  | •  | •  | •  |    |    | •  | •  |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 35    | •  | •  | •  | •  | •  |    |    |    | •  | •  |    |    | •  |    |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 40    | •  | •  | •  | •  | •  | •  | •  |    | •  | •  |    |    | •  |    |    |    | •  | •   |     |     |     |     |     |     |     |     |     |
| 45    |    |    |    |    |    |    |    |    | •  |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |
| 50    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •  |    | •  | •  |    |    |    | •  | •   |     |     |     |     |     |     |     |     |     |
| 60    | •  | •  | •  | •  | •  | •  | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   |
| 70    |    |    |    | •  | •  | •  | •  |    | •  | •  | •  | •  | •  | •  | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   |
| 80    |    |    |    |    |    |    |    |    | •  | •  |    |    | •  | •  | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   |
| 100   |    |    |    |    |    |    |    |    |    |    |    |    | •  |    | •  | •  | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   |
| 120   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   |
| 130   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     | •   |     |     |     |
| 140   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     | •   |     |     |
| 150   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     | •   | •   |

Esempio di ordinazione/Order example = A910/20x28x30(dx1xL)

ELEMENTI  
DI SCORRIMENTO

## Bush self-lubricating DIN 9834/ISO 9448

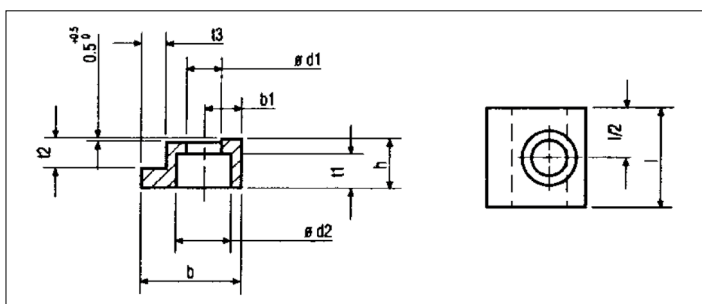
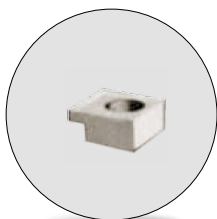


| Codice               | Materiale                 |
|----------------------|---------------------------|
| Cod. <b>A911/...</b> | Bronzo + grafite / HB≥190 |

| Codice   | d   | l   | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>5</sub> | r  | STAFFETTE        |
|----------|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|------------------|
| A911/25  | 25  | 40  | 32             | 40             | 32             | 30             | 6,3            | 4              | 10             | 3  | A<br>oppure<br>C |
| A911/32  | 32  | 50  | 40             | 50             | 40             | 38             | 6,3            | 4              | 12             | 3  |                  |
| A911/40  | 40  | 63  | 50             | 63             | 50             | 48             | 6,3            | 5              | 15             | 3  |                  |
| A911/50  | 50  | 71  | 63             | 71             | 63             | 54             | 6,3            | 6,3            | 17             | 5  |                  |
| A911/63  | 63  | 80  | 80             | 90             | 80             | 61             | 10             | 8              | 19             | 6  | B<br>oppure<br>D |
| A911/80  | 80  | 100 | 100            | 112            | 100            | 78             | 10             | 10             | 22             | 8  |                  |
| A911/100 | 100 | 125 | 125            | 140            | 125            | 104            | 10             | 12,5           | 21             | 10 |                  |
| A911/125 | 125 | 160 | 160            | 180            | 160            | 130            | 10             | 16             | 30             | 12 |                  |
| A911/160 | 160 | 200 | 200            | 220            | 200            | 168            | 10             | 16             | 32             | 18 |                  |

Esempio di ordinazione/Order example = A911/40 (codice)

## Staffette Clamps



| Codice                 | Materiale |
|------------------------|-----------|
| Cod. <b>A911ST/...</b> | CK45      |

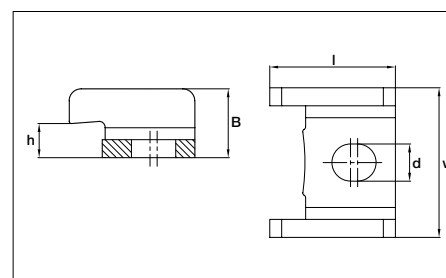
| Codice   | TIPO     | b  | l         | h   | b <sub>1</sub> | d <sub>1</sub> | d <sub>2</sub> | t <sub>1</sub> | t <sub>2</sub> | t <sub>3</sub> |
|----------|----------|----|-----------|-----|----------------|----------------|----------------|----------------|----------------|----------------|
|          |          | h9 | 0<br>-0,4 | h11 |                | +0,2<br>0      | +0,2<br>0      | +0,2<br>0      | 0<br>-0,3      | +0,3<br>0      |
| A911ST/A | <b>A</b> | 20 | 20        | 10  | 7,5            | 7              | 11             | 7              | 6,3            | 5              |
| A911ST/B | <b>B</b> | 32 | 32        | 16  | 11             | 11,5           | 17,5           | 11,5           | 10             | 10             |

Esempio di ordinazione/Order example = A911ST/A (codice)

## Staffette per bussole Clamps for bushing



| Codice                 | Materiale |
|------------------------|-----------|
| Cod. <b>A911ST/...</b> | S235JRH   |



| Codice   | TIPO     | w  | l  | d    | B    | h   | Ø boccola    | viti   |
|----------|----------|----|----|------|------|-----|--------------|--------|
| A911ST/C | <b>C</b> | 25 | 21 | 6,2  | 11,5 | 5,7 | Ø 25 - Ø 50  | M6x15  |
| A911ST/D | <b>D</b> | 40 | 32 | 10,2 | 19   | 9,3 | Ø 63 - Ø 160 | M10x20 |

Esempio di ordinazione/Order example = A911ST/C (codice)

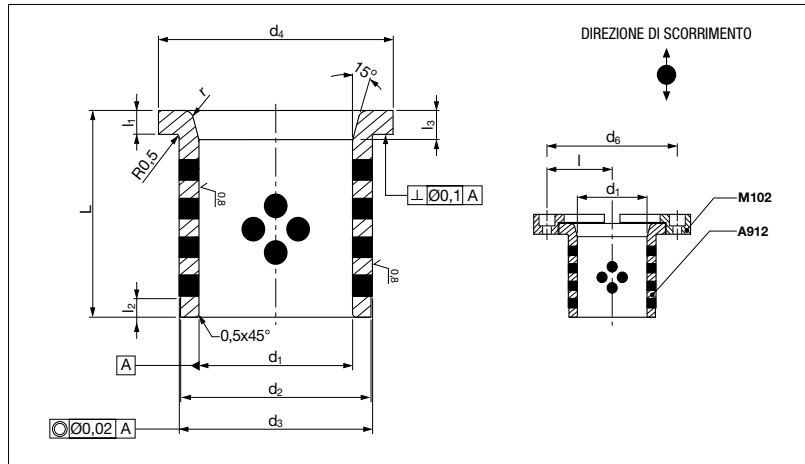
Viti non incluse. Screws not included.

# Bussole autolubrificanti AFNOR

Bush self-lubricating AFNOR



## Bussole (norma AFNOR) autolubrificanti con inserti in grafite Bush self-lubricating AFNOR



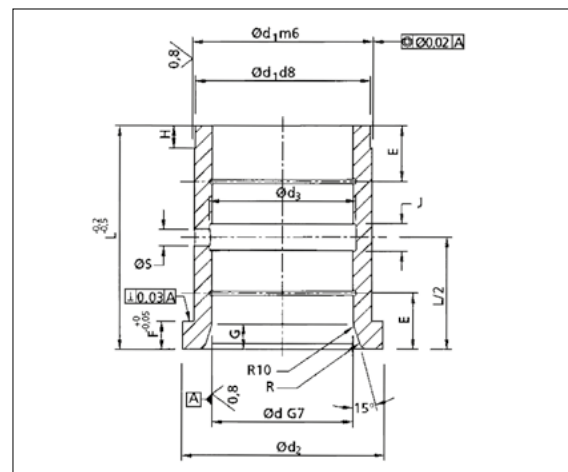
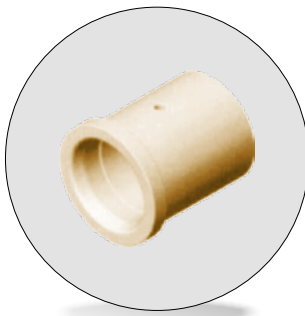
| Codice               | Materiale                  |
|----------------------|----------------------------|
| Cod. <b>A912/...</b> | Bronzo + grafite<br>HB≥190 |

| Codice       | d1<br>G7 | d2<br>d8 | d3<br>m6 | d4  | d6  | l    | L<br>-0,2/-0,5 | l1<br>-0,05 | l2 | l3 | r |
|--------------|----------|----------|----------|-----|-----|------|----------------|-------------|----|----|---|
| A912-020-032 | 20       | 28       | 28       | 32  | 48  | 16   | 32             | 4           | 3  | -  | 2 |
| A912-025-040 | 25       | 35       | 35       | 40  | 56  | 20   | 40             | 5           | 5  | -  | 2 |
| A912-032-050 | 32       | 44       | 44       | 50  | 65  | 25   | 50             | 6           | 8  | -  | 3 |
| A912-040-063 | 40       | 52       | 52       | 60  | 82  | 38,5 | 63             | 8           | 8  | -  | 3 |
| A912-050-080 | 50       | 63       | 63       | 71  | 98  | 46   | 80             | 10          | 8  | 8  | 3 |
| A912-063-100 | 63       | 80       | 80       | 90  | 115 | 55   | 100            | 12          | 10 | 10 | 3 |
| A912-080-125 | 80       | 100      | 100      | 112 | 144 | 70   | 125            | 16          | 10 | 10 | 4 |
| A912-100-160 | 100      | 125      | 125      | 140 | 170 | 81   | 160            | 20          | 10 | 10 | 4 |

Esempio di ordinazione/Order example = A912-020-032 (codice)

PSA PEUGEOT CITROËN

## Bussole (norma AFNOR) in bronzo senza inserti in grafite Guide bush AFNOR-bronze



| Codice           | Materiale     |
|------------------|---------------|
| Cod. <b>B912</b> | Bronzo HB≥190 |

| Codice  | d  | L   | d1  | d2  | d3 | E  | F  | G  | H  | J  | R | S | RIFERIMENTO PSA |
|---------|----|-----|-----|-----|----|----|----|----|----|----|---|---|-----------------|
| B912-20 | 20 | 32  | 28  | 32  | 22 | -  | 4  | -  | 3  | 5  | 2 | 4 | P405336470      |
| B912-25 | 25 | 40  | 35  | 40  | 27 | -  | 5  | -  | 5  | 5  | 2 | 4 | P406107070      |
| B912-32 | 32 | 50  | 44  | 50  | 34 | 12 | 6  | -  | 8  | 5  | 3 | 4 | P406827770      |
| B912-40 | 40 | 63  | 52  | 60  | 42 | 16 | 8  | -  | 8  | 8  | 3 | 7 | P407508271      |
| B912-50 | 50 | 80  | 63  | 71  | 52 | 20 | 10 | 8  | 8  | 10 | 3 | 7 | P408178770      |
| B912-63 | 63 | 100 | 80  | 90  | 65 | 25 | 12 | 10 | 10 | 12 | 3 | 7 | P408749371      |
| B912-80 | 80 | 125 | 100 | 112 | 82 | 32 | 16 | 10 | 10 | 16 | 4 | 7 | P409309872      |

Esempio di ordinazione/Order example = B912-20 (codice)

PSA PEUGEOT CITROËN

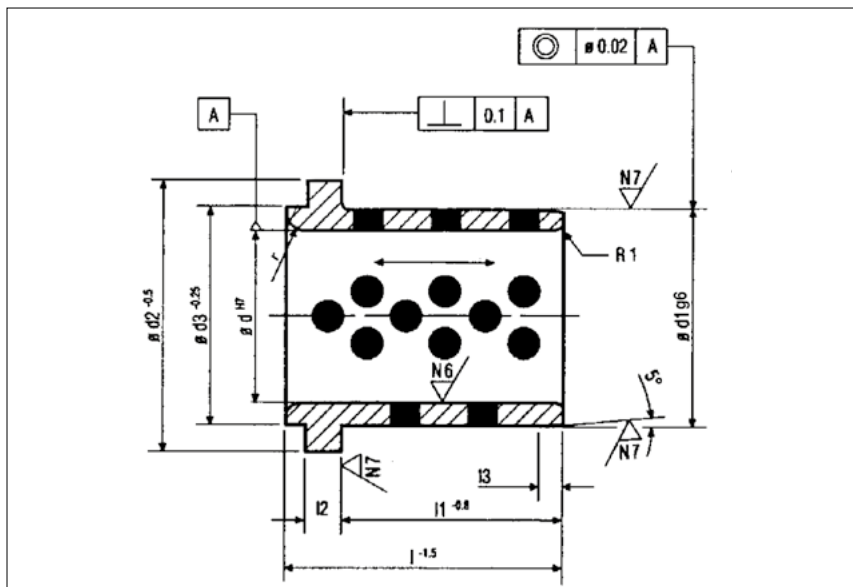
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# Bussole di guida autolubrificanti NAAMS G61

Bush self-lubricating NAAMS G61

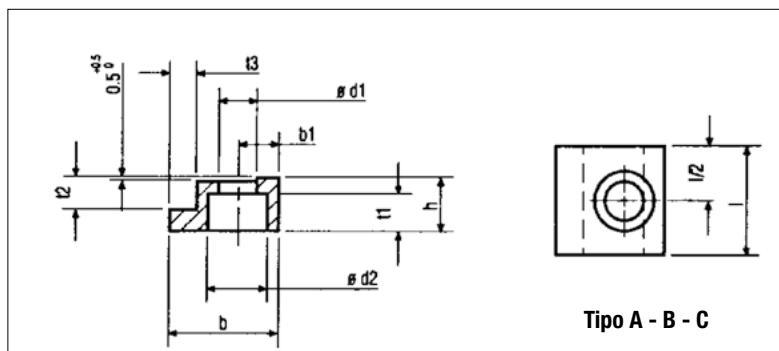
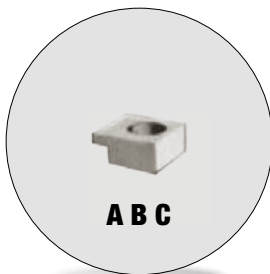


| Codice               | Materiale                  |
|----------------------|----------------------------|
| Cod. <b>NG61/...</b> | Bronzo + grafite<br>HB≥190 |

| Codice   | d   | l   | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | r  | STAFFETTE   |
|----------|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|----|-------------|
| NG61/25  | 25  | 40  | 32             | 40             | 32             | 30             | 6              | 4              | 3  | A<br>C<br>D |
| NG61/32  | 32  | 50  | 40             | 50             | 40             | 40             | 6              | 4              | 3  |             |
| NG61/40  | 40  | 63  | 50             | 63             | 50             | 50             | 6              | 5              | 3  |             |
| NG61/50  | 50  | 71  | 63             | 71             | 63             | 56             | 6              | 6              | 5  |             |
| NG61/63  | 63  | 80  | 80             | 90             | 80             | 63             | 6              | 8              | 6  | B<br>C<br>D |
| NG61/80  | 80  | 100 | 100            | 112            | 100            | 80             | 6              | 10             | 8  |             |
| NG61/100 | 100 | 125 | 125            | 140            | 125            | 106            | 6              | 12             | 10 |             |
| NG61/125 | 125 | 160 | 160            | 180            | 160            | 132            | 6              | 12             | 12 |             |

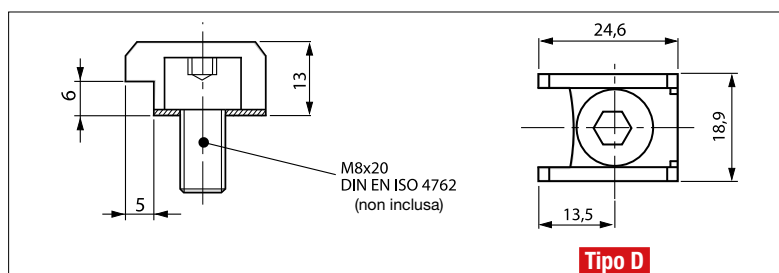
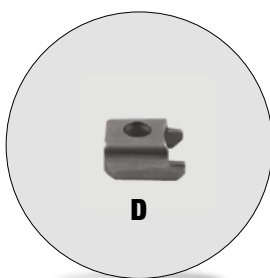
Esempio di ordinazione/Order example = NG61/40 (codice)

## Staffette Clamps



| Codice                 | Materiale |
|------------------------|-----------|
| Cod. <b>NG61ST/...</b> | CK45      |

| TIPO     | b  | l         | h   | b <sub>1</sub> | d <sub>1</sub> | d <sub>2</sub> | t <sub>1</sub> | t <sub>2</sub> | t <sub>3</sub> |
|----------|----|-----------|-----|----------------|----------------|----------------|----------------|----------------|----------------|
|          | h9 | 0<br>-0,4 | h11 |                | +0,2<br>0      | +0,2<br>0      | +0,2<br>0      |                | +0,3<br>0      |
| <b>A</b> | 25 | 20        | 12  | 10             | 9              | 15             | 8,5            | 6,3            | 5              |
| <b>B</b> | 32 | 25        | 16  | 11             | 11             | 18             | 11,5           | 6,3            | 10             |
| <b>C</b> | 32 | 32        | 16  | 11             | 11,5           | 17,5           | 11,5           | 6              | 10             |



Esempio di ordinazione/Order example = NG61ST/A (cod. + TIPO)

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CF Torino - È vietata la riproduzione, anche parziale, del presente catalogo.

# Bussole di guida autolubrificanti con collare VDI 3356 (collare pieno con fresature)

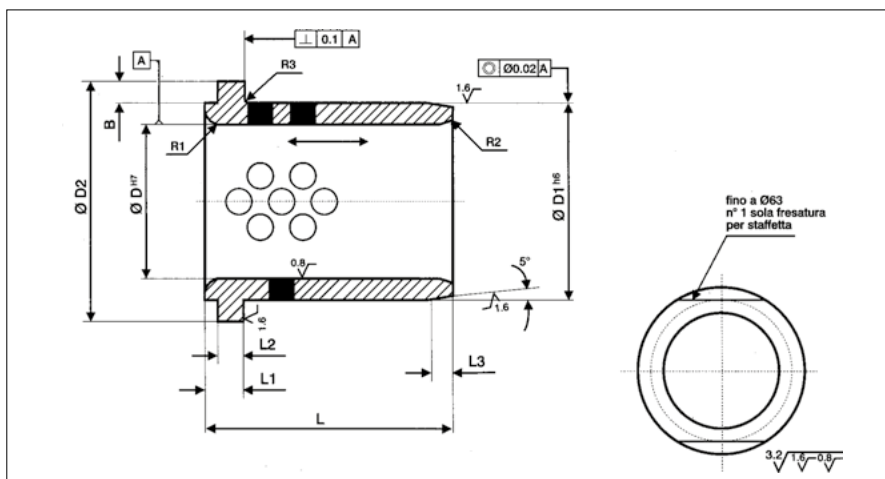
Bush self-lubricating



## Bussole Autolubrificanti bronzo con inserti in grafite Bush self-lubricating VDI 3356



|           |                            |
|-----------|----------------------------|
| Codice    | Cod. <b>A921</b>           |
| Materiale | Bronzo + grafite<br>HB≥190 |



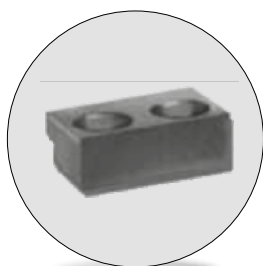
| Codice   | D   | L   | D1  | D2  | L1 | L2 | L3 | B   | R1 | R2  | R3  | Codice Staffette = S921 |
|----------|-----|-----|-----|-----|----|----|----|-----|----|-----|-----|-------------------------|
| A921-16  | 16  | 25  | 25  | 32  | 10 | 5  | 2  | 3   | 3  | 1   | 1   |                         |
| A921-20  | 20  | 32  | 25  | 32  | 10 | 5  | 3  | 3   | 4  | 1   | 1   |                         |
| A921-25  | 25  | 32  | 32  | 40  | 10 | 5  | 4  | 3,5 | 4  | 1   | 1   |                         |
| A921-32  | 32  | 50  | 40  | 50  | 10 | 5  | 6  | 4   | 5  | 1   | 1   |                         |
| A921-40  | 40  | 63  | 50  | 63  | 13 | 8  | 6  | 5   | 6  | 1   | 1   |                         |
| A921-50  | 50  | 72  | 63  | 75  | 14 | 8  | 8  | 6   | 6  | 1,6 | 1,6 |                         |
| A921-63  | 63  | 80  | 80  | 90  | 17 | 10 | 8  | 8   | 8  | 2   | 2   |                         |
| A921-80  | 80  | 100 | 100 | 120 | 20 | 10 | 8  | 10  | 8  | 2,5 | 2,5 |                         |
| A921-100 | 100 | 125 | 125 | 150 | 25 | 16 | 8  | 13  | 10 | 3,2 | 3,2 |                         |
| A921-125 | 125 | 160 | 160 | 190 | 30 | 16 | 10 | 13  | 13 | 4   | 4   |                         |
| A921-140 | 140 | 180 | 180 | 210 | 30 | 16 | 10 | 13  | 16 | 5   | 6   |                         |
| A921-160 | 160 | 200 | 200 | 120 | 30 | 16 | 12 | 13  | 18 | 6   | 6   |                         |

Esempio di ordinazione/Order example = A921-32 (codice)

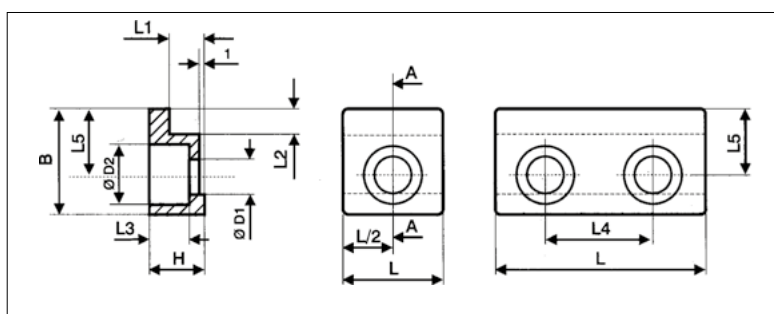
N.B. A richiesta possiamo fornire le stesse bussole ma con il collare completamente tornito al codice A922

ELEMENTI  
DI SCORRIMENTO

## Staffette Clamps



|           |                  |
|-----------|------------------|
| Codice    | Cod. <b>S921</b> |
| Materiale | CK45             |

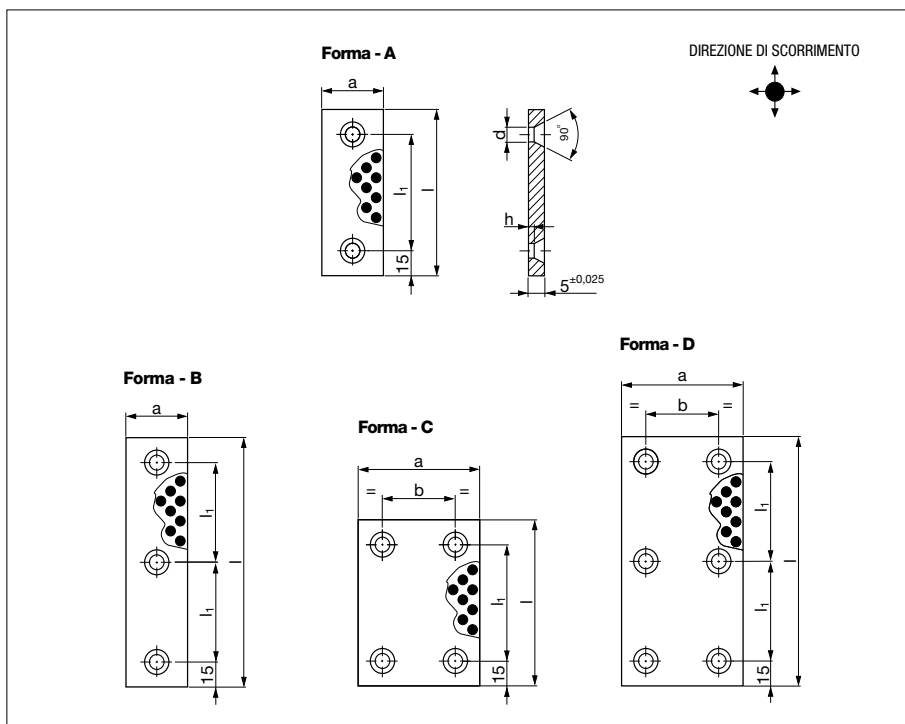
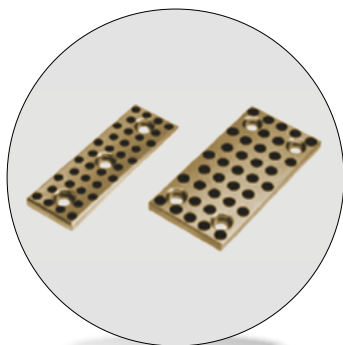


| Ø interno<br>boccola | B  | L  | H  | L1 | L2 | L3   | L4 | L5   | D1   | D2   | vite esag.<br>DIN 912 |
|----------------------|----|----|----|----|----|------|----|------|------|------|-----------------------|
| 16-32                | 20 | 20 | 10 | 5  | 5  | 7    | -  | 12,5 | 7    | 11   | 1xM6                  |
| 40                   | 20 | 40 | 12 | 8  | 5  | 7    | 20 | 12,5 | 7    | 11   | 2xM6                  |
| 50                   | 25 | 40 | 14 | 8  | 6  | 9    | 20 | 15,5 | 9,5  | 14,5 | 2xM8                  |
| 63-80                | 28 | 50 | 16 | 10 | 8  | 11,5 | 25 | 18   | 11,5 | 17,5 | 2xM10                 |
| 100-160              | 40 | 60 | 25 | 16 | 14 | 13,5 | 30 | 27   | 14   | 20   | 2xM12                 |

Esempio di ordinazione/Order example = S921 - 40 (cod. + Ø interno boccola)

# Piastra di scorrimento autolubrificante

Wear plate self-lubricating



|           |                                   |
|-----------|-----------------------------------|
| Codice    | Cod. <b>A605</b>                  |
| Materiale | Bronzo + grafite<br>HB $\geq$ 190 |

| Codice       | Forma | a   | b  | d   | h   | l   | l1 |
|--------------|-------|-----|----|-----|-----|-----|----|
| A605-018-050 | A     | 18  | -  | 6,5 | 1,5 | 50  | 20 |
| A605-018-075 | A     | 18  | -  | 6,5 | 1,5 | 75  | 45 |
| A605-018-100 | A     | 18  | -  | 6,5 | 1,5 | 100 | 70 |
| A605-018-150 | B     | 18  | -  | 6,5 | 1,5 | 150 | 60 |
| A605-028-050 | A     | 28  | -  | 9   | 0,8 | 50  | 20 |
| A605-028-075 | A     | 28  | -  | 9   | 0,8 | 75  | 45 |
| A605-028-100 | A     | 28  | -  | 9   | 0,8 | 100 | 70 |
| A605-028-150 | B     | 28  | -  | 9   | 0,8 | 150 | 60 |
| A605-038-050 | A     | 38  | -  | 9   | 0,8 | 50  | 20 |
| A605-038-075 | A     | 38  | -  | 9   | 0,8 | 75  | 45 |
| A605-038-100 | A     | 38  | -  | 9   | 0,8 | 100 | 70 |
| A605-038-150 | B     | 38  | -  | 9   | 0,8 | 150 | 60 |
| A605-048-075 | A     | 48  | -  | 9   | 0,8 | 75  | 45 |
| A605-048-100 | A     | 48  | -  | 9   | 0,8 | 100 | 70 |
| A605-048-125 | A     | 48  | -  | 9   | 0,8 | 125 | 95 |
| A605-048-150 | B     | 48  | -  | 9   | 0,8 | 150 | 60 |
| A605-075-075 | C     | 75  | 45 | 9   | 0,8 | 75  | 45 |
| A605-075-100 | C     | 75  | 45 | 9   | 0,8 | 100 | 70 |
| A605-075-125 | C     | 75  | 45 | 9   | 0,8 | 125 | 95 |
| A605-075-150 | D     | 75  | 45 | 9   | 0,8 | 150 | 60 |
| A605-100-100 | C     | 100 | 70 | 9   | 0,8 | 100 | 70 |
| A605-100-125 | C     | 100 | 70 | 9   | 0,8 | 125 | 95 |
| A605-100-150 | D     | 100 | 70 | 9   | 0,8 | 150 | 60 |

ELEMENTI  
DI SCORRIMENTO



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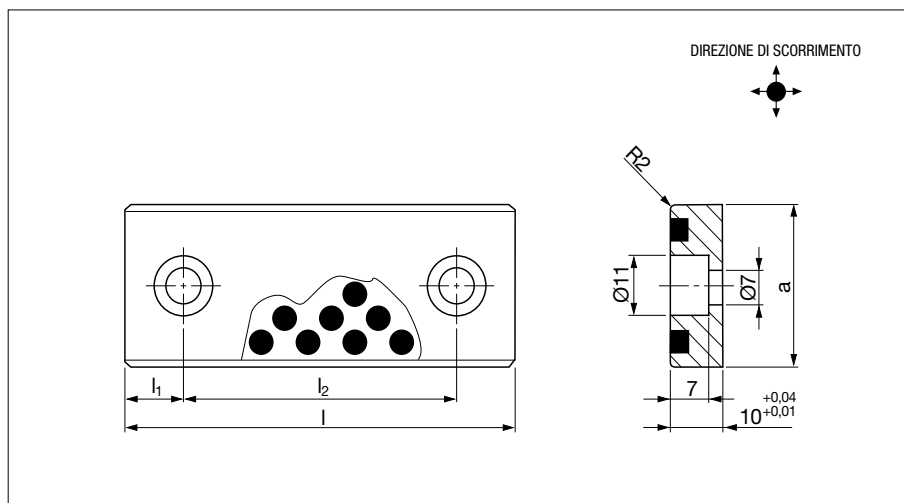
Esempio di ordinazione/Order example = A605-018-050 (codice)

# Piastra di scorrimento autolubrificante

Wear plate self-lubricating



|                  |                            |
|------------------|----------------------------|
| <b>Codice</b>    | Cod. <b>A606</b>           |
| <b>Materiale</b> | Bronzo + grafite<br>HB≥190 |



| Codice       | a  | l   | l1 | l2  |
|--------------|----|-----|----|-----|
| A606-018-075 | 18 | 75  | 15 | 45  |
| A606-018-100 | 18 | 100 | 25 | 50  |
| A606-018-125 | 18 | 125 | 25 | 75  |
| A606-018-150 | 18 | 150 | 25 | 100 |
| A606-028-075 | 28 | 75  | 15 | 45  |
| A606-028-100 | 28 | 100 | 25 | 50  |
| A606-028-125 | 28 | 125 | 25 | 75  |
| A606-028-150 | 28 | 150 | 25 | 100 |
| A606-038-075 | 38 | 75  | 15 | 45  |
| A606-038-100 | 38 | 100 | 25 | 50  |
| A606-038-125 | 38 | 125 | 25 | 75  |
| A606-038-150 | 38 | 150 | 25 | 100 |
| A606-048-075 | 48 | 75  | 15 | 45  |
| A606-048-100 | 48 | 100 | 25 | 50  |
| A606-048-125 | 48 | 125 | 25 | 75  |
| A606-048-150 | 48 | 150 | 25 | 100 |

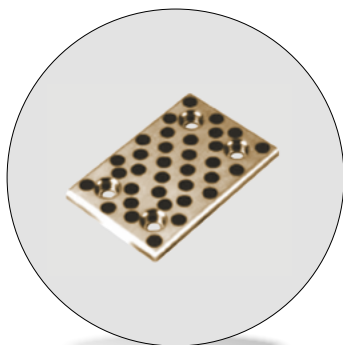
ELEMENTI  
DI SCORRIMENTO

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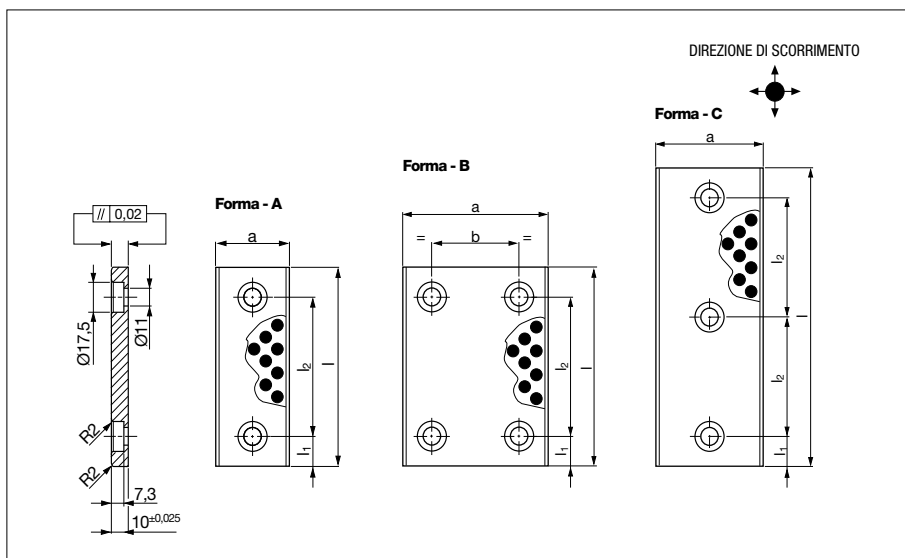
Esempio di ordinazione/Order example = A606-018-075 (codice)

# Piastra di scorrimento autolubrificante

Wear plate self-lubricating



|                  |                            |
|------------------|----------------------------|
| <b>Codice</b>    | Cod. <b>A607</b>           |
| <b>Materiale</b> | Bronzo + grafite<br>HB≥190 |



| Codice       | Forma | a   | b   | l   | l1 | l2  |
|--------------|-------|-----|-----|-----|----|-----|
| A607-028-075 | A     | 28  | -   | 75  | 15 | 45  |
| A607-028-100 | A     | 28  | -   | 100 | 25 | 50  |
| A607-028-125 | A     | 28  | -   | 125 | 25 | 75  |
| A607-028-150 | A     | 28  | -   | 150 | 25 | 100 |
| A607-038-075 | A     | 38  | -   | 75  | 15 | 45  |
| A607-038-100 | A     | 38  | -   | 100 | 25 | 50  |
| A607-038-125 | A     | 38  | -   | 125 | 25 | 75  |
| A607-038-150 | A     | 38  | -   | 150 | 25 | 100 |
| A607-048-075 | A     | 48  | -   | 75  | 15 | 45  |
| A607-048-100 | A     | 48  | -   | 100 | 25 | 50  |
| A607-048-125 | A     | 48  | -   | 125 | 25 | 75  |
| A607-048-150 | A     | 48  | -   | 150 | 25 | 100 |
| A607-048-200 | A     | 48  | -   | 200 | 50 | 100 |
| A607-058-075 | A     | 58  | -   | 75  | 15 | 45  |
| A607-058-100 | A     | 58  | -   | 100 | 25 | 50  |
| A607-058-125 | A     | 58  | -   | 125 | 25 | 75  |
| A607-058-150 | A     | 58  | -   | 150 | 25 | 100 |
| A607-058-200 | A     | 58  | -   | 200 | 50 | 100 |
| A607-075-075 | A     | 75  | -   | 75  | 15 | 45  |
| A607-075-100 | A     | 75  | -   | 100 | 25 | 50  |
| A607-075-125 | A     | 75  | -   | 125 | 25 | 75  |
| A607-075-150 | A     | 75  | -   | 150 | 25 | 100 |
| A607-075-200 | C     | 75  | -   | 200 | 25 | 75  |
| A607-100-100 | B     | 100 | 50  | 100 | 25 | 50  |
| A607-100-125 | B     | 100 | 50  | 125 | 25 | 75  |
| A607-100-150 | B     | 100 | 50  | 150 | 25 | 100 |
| A607-100-200 | B     | 100 | 50  | 200 | 25 | 150 |
| A607-100-250 | B     | 100 | 50  | 250 | 25 | 200 |
| A607-125-150 | B     | 125 | 50  | 150 | 25 | 100 |
| A607-125-200 | B     | 125 | 50  | 200 | 25 | 150 |
| A607-125-250 | B     | 125 | 50  | 250 | 25 | 200 |
| A607-150-150 | B     | 150 | 100 | 150 | 25 | 100 |
| A607-150-200 | B     | 150 | 100 | 200 | 25 | 150 |

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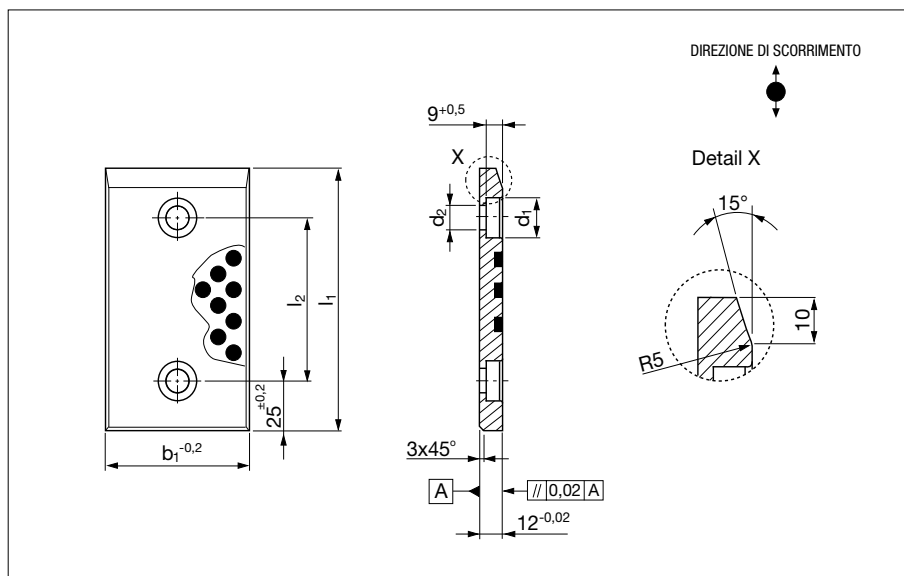
Esempio di ordinazione/Order example = A607-028-075 (codice)

# Piastra di scorrimento autolubrificante VDI 3357

Wear plate self-lubricating VDI 3357



|                  |                                    |
|------------------|------------------------------------|
| <b>Codice</b>    | <b>Cod. A608</b>                   |
| <b>Materiale</b> | <b>Bronzo + grafite<br/>HB≥190</b> |



| Code            | b1 | d1<br>H13 | d2<br>H13 | l1<br>$\pm 0,2$ | l2<br>$\pm 0,2$ |
|-----------------|----|-----------|-----------|-----------------|-----------------|
| A608-11-030-080 | 30 | 15        | 9         | 80              | 30              |
| A608-12-030-100 | 30 | 15        | 9         | 100             | 50              |
| A608-13-030-125 | 30 | 15        | 9         | 125             | 75              |
| A608-14-030-160 | 30 | 15        | 9         | 160             | 110             |
| A608-15-030-200 | 30 | 15        | 9         | 200             | 150             |
| A608-16-040-080 | 40 | 15        | 9         | 80              | 30              |
| A608-17-040-100 | 40 | 15        | 9         | 100             | 50              |
| A608-18-040-125 | 40 | 15        | 9         | 125             | 75              |
| A608-19-040-160 | 40 | 15        | 9         | 160             | 110             |
| A608-20-040-200 | 40 | 15        | 9         | 200             | 150             |
| A608-21-050-080 | 50 | 15        | 9         | 80              | 30              |
| A608-22-050-100 | 50 | 15        | 9         | 100             | 50              |
| A608-23-050-125 | 50 | 15        | 9         | 125             | 75              |
| A608-24-050-160 | 50 | 15        | 9         | 160             | 110             |
| A608-25-050-200 | 50 | 15        | 9         | 200             | 150             |
| A608-26-060-080 | 60 | 15        | 9         | 80              | 30              |
| A608-27-060-100 | 60 | 15        | 9         | 100             | 50              |
| A608-28-060-125 | 60 | 15        | 9         | 125             | 75              |
| A608-29-060-160 | 60 | 15        | 9         | 160             | 110             |
| A608-30-060-200 | 60 | 15        | 9         | 200             | 150             |
| A608-31-080-080 | 80 | 15        | 9         | 80              | 30              |
| A608-32-080-100 | 80 | 15        | 9         | 100             | 50              |
| A608-33-080-125 | 80 | 15        | 9         | 125             | 75              |
| A608-34-080-160 | 80 | 15        | 9         | 160             | 110             |
| A608-35-080-200 | 80 | 15        | 9         | 200             | 150             |

Esempio di ordinazione/Order example = A608-11-030-080 (codice)

ELEMENTI  
DI SCORRIMENTO

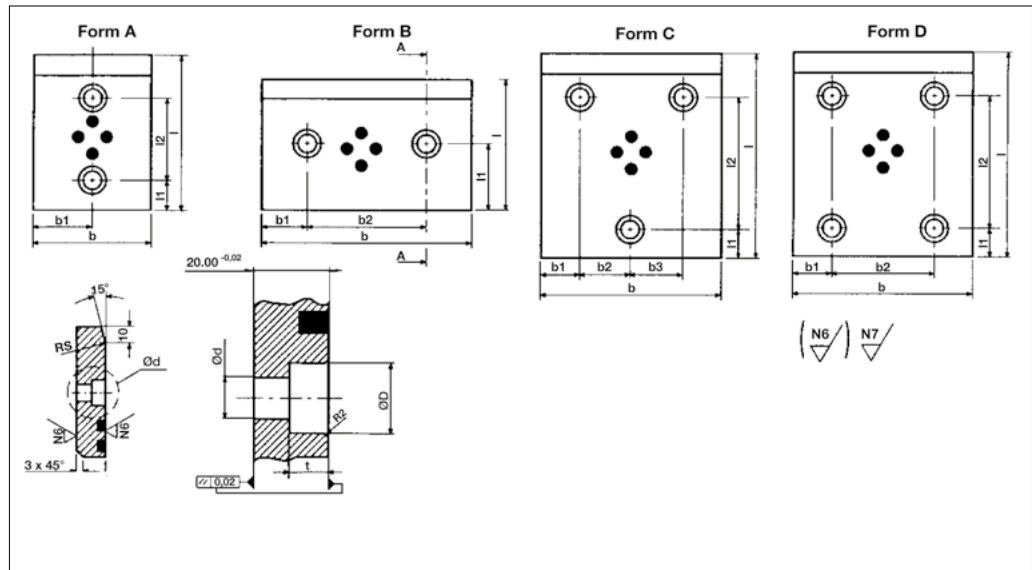
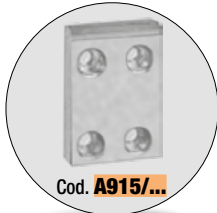
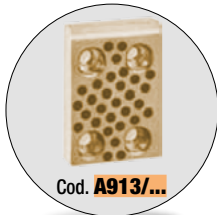
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CF Torino - È vietata la riproduzione, anche parziale, del presente catalogo.

Via Alba, 25 - 10024 Moncalieri (TO) - Italy  
Tel. +39 011641121 - Fax +39 0116829188  
cftorino@cftorino.it [www.cftorino.it](http://www.cftorino.it)

# Piastra di scorrimento autolubrificante a norma VDI 3357

Wear plate self-lubricating VDI 3357



| Sede<br>viti | t<br>+0,5 | Ød<br>H13 | ØD<br>H13 |
|--------------|-----------|-----------|-----------|
| M8x25        | 9         | 9         | 15        |
| M12x25       | 13        | 13,5      | 20        |

|                  |                           |
|------------------|---------------------------|
| <b>Codice</b>    | Cod. <b>A913/...</b>      |
| <b>Materiale</b> | Bronzo + grafite / HB≥190 |

|                  |                      |
|------------------|----------------------|
| <b>Codice</b>    | Cod. <b>A915/...</b> |
| <b>Materiale</b> | 16MnCr5 / HRC 58-60  |

| Codice          | Codice          | b x l      | b <sub>1</sub> ± 0,1 | b <sub>2</sub> ± 0,1 | b <sub>3</sub> ± 0,1 | l <sub>1</sub> ± 0,1 | l <sub>2</sub> ± 0,1 | FORM | Viti DIN 912 | NUMERO VITI |
|-----------------|-----------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|------|--------------|-------------|
| A913/50 x 80    | A915/50 x 80    | 50 x 80    | 25,0                 | -                    | -                    | 25                   | 30,0                 | A    | M8x25        | 2           |
| A913/50 x 100   | A915/50 x 100   | 50 x 100   | 25,0                 | -                    | -                    | 25,0                 | 50,0                 | A    | M12x25       | 2           |
| A913/50 x 125   | A915/50 x 125   | 50 x 125   |                      |                      |                      |                      | 75,0                 |      |              |             |
| A913/50 x 160   | A915/50 x 160   | 50 x 160   |                      |                      |                      |                      | 110,0                |      |              |             |
| A913/50 x 200   | A915/50 x 200   | 50 x 200   |                      |                      |                      |                      | 150,0                |      |              |             |
| A913/80 x 50    | A915/80 x 50    | 80 x 50    | 25,0                 | 30                   | -                    | 25,0                 | -                    | B    | M8x25        | 2           |
| A913/80 x 80    | A915/80 x 80    | 80 x 80    | 40,0                 | -                    | -                    | 25,0                 | 30,0                 | A    | M12x25       | 2           |
| A913/80 x 100   | A915/80 x 100   | 80 x 100   |                      |                      |                      |                      | 50,0                 |      |              |             |
| A913/80 x 125   | A915/80 x 125   | 80 x 125   |                      |                      |                      |                      | 75,0                 |      |              |             |
| A913/80 x 160   | A915/80 x 160   | 80 x 160   |                      |                      |                      |                      | 110,0                |      |              |             |
| A913/80 x 200   | A915/80 x 200   | 80 x 200   |                      |                      |                      |                      | 150,0                |      |              |             |
| A913/*80 x 250  | A915/*80 x 250  | *80 x 250  | 40,0                 | -                    | -                    | 40,0                 | 170,0                | A    | M12x25       | 2           |
| A913/*80 x 315  | A915/*80 x 315  | *80 x 315  |                      |                      |                      |                      | 235,0                |      |              |             |
| A913/100 x 50   | A915/100 x 50   | 100 x 50   | 25,0                 | 50                   | -                    | 25,0                 | -                    | B    | M12x25       | 2           |
| A913/100 x 80   | A915/100 x 80   | 100 x 80   | 50,0                 | -                    | -                    | 25,00                | 50,0                 | A    | M12x25       | 2           |
| A913/100 x 100  | A915/100 x 100  | 100 x 100  |                      |                      |                      |                      | 75,0                 |      |              |             |
| A913/100 x 125  | A915/100 x 125  | 100 x 125  |                      |                      |                      |                      | 110,0                |      |              |             |
| A913/100 x 200  | A915/100 x 200  | 100 x 200  |                      |                      |                      |                      | 150,0                |      |              |             |
| A913/*100 x 250 | A915/*100 x 250 | *100 x 250 | 50,0                 | -                    | -                    | 40,00                | 170,0                | A    | M12x25       | 2           |
| A913/*100 x 315 | A915/*100 x 315 | *100 x 315 |                      |                      |                      |                      | 235,0                |      |              |             |
| A913/125 x 50   | A915/125 x 50   | 125 x 50   | 25,0                 | 75,0                 | -                    | 25,0                 | -                    | B    | M12x25       | 2           |
| A913/125 x 80   | A915/125 x 80   | 125 x 80   | 25,0                 | 37,5                 | 37,5                 | 25,0                 | 50,0                 | C    | M12x25       | 3           |
| A913/125 x 100  | A915/125 x 100  | 125 x 100  |                      |                      |                      |                      | 75,0                 |      |              |             |
| A913/125 x 125  | A915/125 x 125  | 125 x 125  |                      |                      |                      |                      | 110,0                |      |              |             |
| A913/125 x 160  | A915/125 x 160  | 125 x 160  |                      |                      |                      |                      | 150,0                |      |              |             |
| A913/125 x 200  | A915/125 x 200  | 125 x 200  | 25,0                 | 37,5                 | 37,5                 | 40,0                 | 170,0                | C    | M12x25       | 3           |
| A913/*125 x 250 | A915/*125 x 250 | *125 x 250 |                      |                      |                      |                      | 235,0                |      |              |             |
| A913/160 x 50   | A915/160 x 50   | 160 x 50   | 25,0                 | 110,0                | -                    | 25,0                 | -                    | B    | M12x25       | 2           |
| A913/160 x 80   | A915/160 x 80   | 160 x 80   | 25,0                 | 55,0                 | 55,0                 | 25                   | 50,0                 | C    | M12x25       | 3           |
| A913/160 x 100  | A915/160 x 100  | 160 x 100  |                      |                      |                      |                      | 75,0                 |      |              |             |
| A913/160 x 125  | A915/160 x 125  | 160 x 125  |                      |                      |                      |                      | 110,0                |      |              |             |
| A913/160 x 160  | A915/160 x 160  | 160 x 160  |                      |                      |                      |                      | 150,0                |      |              |             |
| A913/160 x 200  | A915/160 x 200  | 160 x 200  | 25,0                 | 110,0                | -                    | 40                   | 170,0                | D    | M12x25       | 4           |
| A913/*160 x 250 | A915/*160 x 250 | *160 x 250 |                      |                      |                      |                      | 235,0                |      |              |             |
| A913/*160 x 315 | A915/*160 x 315 | *160 x 315 | 25,0                 | 110,0                | -                    | 40                   | 170,0                | D    | M12x25       | 4           |
| A913/*160 x 315 | A915/*160 x 315 | *160 x 315 |                      |                      |                      |                      | 235,0                |      |              |             |

Esempio di ordinazione/Order example = A913/100x200 (Codice)

\* Dimensioni non a norma VDI. Size not in accordance with VDI.

ELEMENTI  
DI SCORRIMENTO

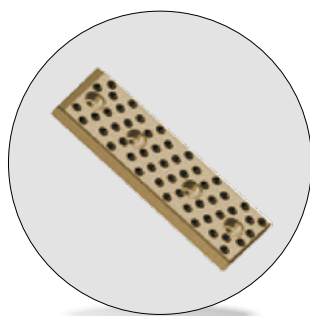


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# Piastra di scorrimento autolubrificante

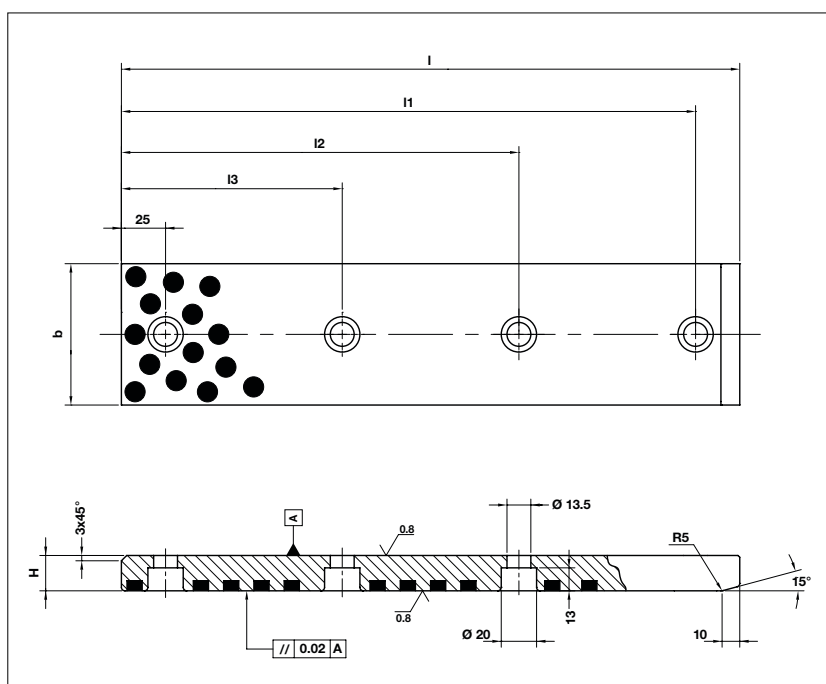
## Wear plate self-lubricating



### Forma E

Viti non incluse

| Codice           | Materiale                         |
|------------------|-----------------------------------|
| Cod. <b>A914</b> | Bronzo-grafite /<br>HB $\geq 190$ |

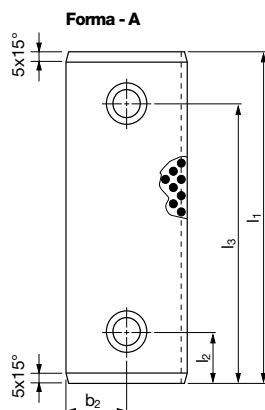
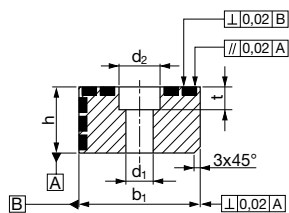
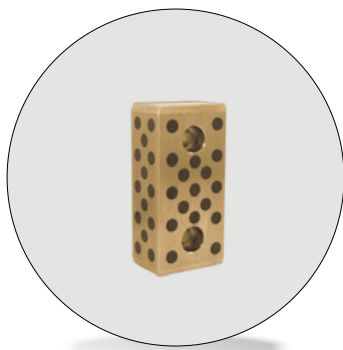


| Codice       | b   | I   | H $\pm 0,02$ | I1  | I2  | I3  |
|--------------|-----|-----|--------------|-----|-----|-----|
| A914-50x250  | 50  | 250 | 20           | 225 | 165 | 85  |
| A914-50x300  | 50  | 300 | 20           | 275 | 195 | 105 |
| A914-50x350  | 50  | 350 | 20           | 325 | 225 | 125 |
| A914-50x400  | 50  | 400 | 20           | 375 | 255 | 145 |
| A914-50x450  | 50  | 450 | 20           | 425 | 285 | 165 |
| A914-50x500  | 50  | 500 | 20           | 475 | 325 | 175 |
| A914-80x250  | 80  | 250 | 20           | 225 | 165 | 85  |
| A914-80x300  | 80  | 300 | 20           | 275 | 195 | 105 |
| A914-80x350  | 80  | 350 | 20           | 325 | 225 | 125 |
| A914-80x400  | 80  | 400 | 20           | 375 | 255 | 145 |
| A914-80x450  | 80  | 450 | 20           | 425 | 285 | 165 |
| A914-80x500  | 80  | 500 | 20           | 475 | 325 | 175 |
| A914-100x250 | 100 | 250 | 20           | 225 | 165 | 85  |
| A914-100x300 | 100 | 300 | 20           | 275 | 195 | 105 |
| A914-100x350 | 100 | 350 | 20           | 325 | 225 | 125 |
| A914-100x400 | 100 | 400 | 20           | 375 | 255 | 145 |
| A914-100x450 | 100 | 450 | 20           | 425 | 285 | 165 |
| A914-100x500 | 100 | 500 | 20           | 475 | 325 | 175 |
| A914-125x250 | 125 | 250 | 20           | 225 | 165 | 85  |
| A914-125x300 | 125 | 300 | 20           | 275 | 195 | 105 |
| A914-125x350 | 125 | 350 | 20           | 325 | 225 | 125 |
| A914-125x400 | 125 | 400 | 20           | 375 | 255 | 145 |
| A914-125x450 | 125 | 450 | 20           | 425 | 285 | 165 |
| A914-125x500 | 125 | 500 | 20           | 475 | 325 | 175 |
| A914-160x250 | 160 | 250 | 20           | 225 | 165 | 85  |
| A914-160x300 | 160 | 300 | 20           | 275 | 195 | 105 |
| A914-160x350 | 160 | 350 | 20           | 325 | 225 | 125 |
| A914-160x400 | 160 | 400 | 20           | 375 | 255 | 145 |
| A914-160x450 | 160 | 450 | 20           | 425 | 285 | 165 |
| A914-160x500 | 160 | 500 | 20           | 475 | 325 | 175 |

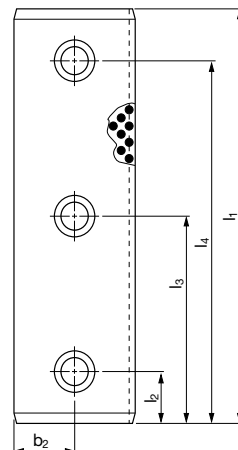
Esempio di ordinazione/Order example = A914-50x250 (codice)

# Barre guida con due superfici di scorrimento VDI 3357

Guide bar with two slide surfaces VDI 3357



Forma - B



DIREZIONE DI SCORRIMENTO



|           |                            |
|-----------|----------------------------|
| Codice    | Cod. <b>A609</b>           |
| Materiale | Bronzo + grafite<br>HB≥190 |

| Codice       | Forma | b1<br>-0,02 | b2   | d1<br>H13 | d2<br>H13 | h<br>-0,02 | l1  | l2 | l3<br>±0,2 | l4<br>±0,2 | t<br>0,5 |
|--------------|-------|-------------|------|-----------|-----------|------------|-----|----|------------|------------|----------|
| A609-012-110 | A     | 25          | 12,5 | 9         | 15        | 12         | 110 | 25 | 85         | -          | 8,5      |
| A609-012-120 | A     | 25          | 12,5 | 9         | 15        | 12         | 120 | 25 | 95         | -          | 8,5      |
| A609-015-110 | A     | 25          | 12,5 | 11        | 18        | 15         | 110 | 25 | 85         | -          | 10,5     |
| A609-015-120 | A     | 25          | 12,5 | 11        | 18        | 15         | 120 | 25 | 95         | -          | 10,5     |
| A609-030-125 | A     | 60          | 30   | 13,5      | 20        | 30         | 125 | 25 | 100        | -          | 13       |
| A609-030-160 | A     | 60          | 30   | 13,5      | 20        | 30         | 160 | 25 | 135        | -          | 13       |
| A609-030-200 | B     | 60          | 30   | 13,5      | 20        | 30         | 200 | 25 | 100        | 175        | 13       |
| A609-040-125 | A     | 60          | 30   | 13,5      | 20        | 40         | 125 | 25 | 100        | -          | 13       |
| A609-040-160 | A     | 60          | 30   | 13,5      | 20        | 40         | 160 | 25 | 135        | -          | 13       |
| A609-040-200 | B     | 60          | 30   | 13,5      | 20        | 40         | 200 | 25 | 100        | 175        | 13       |

ELEMENTI  
DI SCORRIMENTO



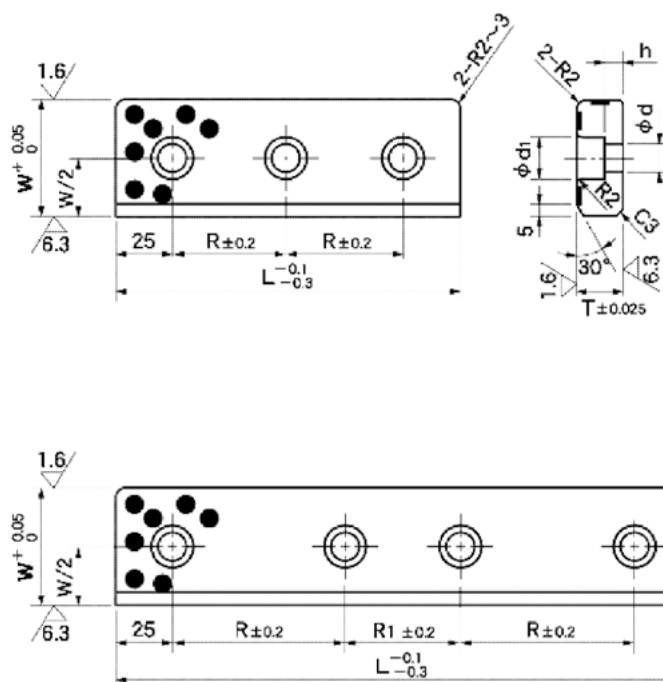
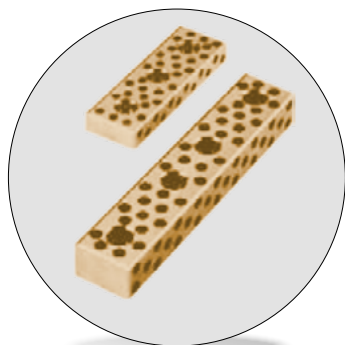
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Esempio di ordinazione/Order example = A609-012-110 (codice)

# Piastra di scorrimento autolubrificante

Wear plate self-lubricating



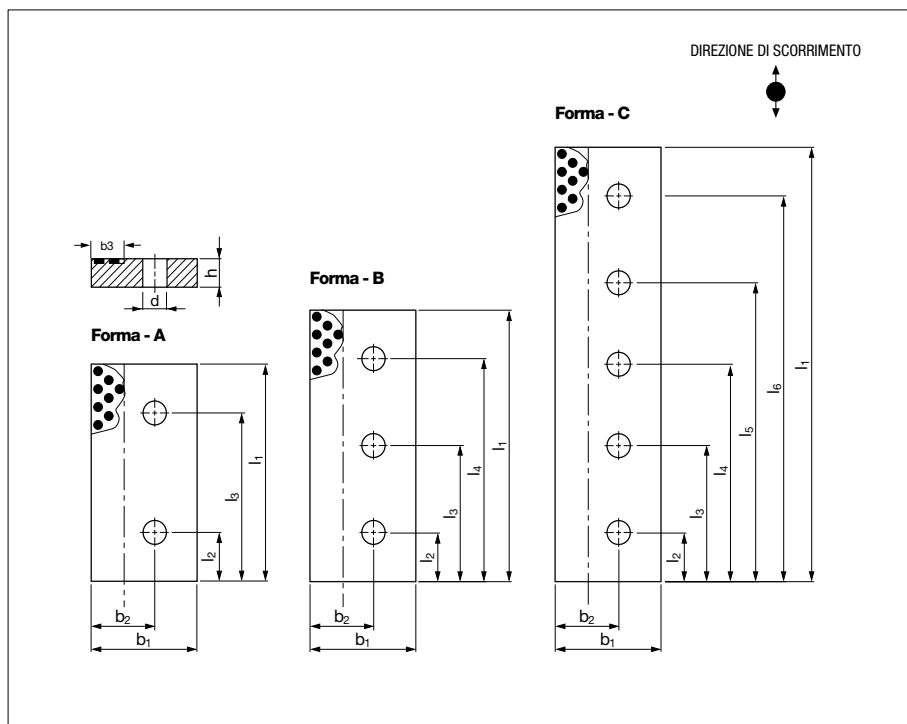
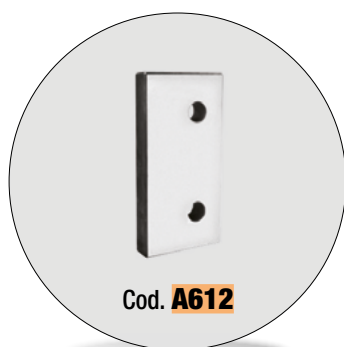
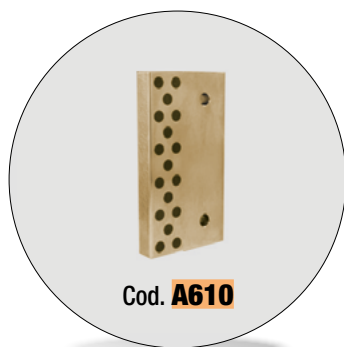
|           |                            |
|-----------|----------------------------|
| Codice    | Cod. <b>A950</b>           |
| Materiale | Bronzo + grafite<br>HB≥190 |

| Codice       | R  | R1   | d  | d1   | h  | W  | L   | T  |     |
|--------------|----|------|----|------|----|----|-----|----|-----|
| A950.5015020 | 50 | ---- | 11 | 17,5 | 8  | 50 | 150 | 20 |     |
| A950.5020020 | 75 |      |    |      |    |    | 50  |    | 200 |
| A950.5025020 |    |      |    |      |    |    |     |    | 250 |
| A950.5015035 | 50 | ---- | 13 | 20   | 20 |    | 150 | 35 |     |
| A950.5020035 | 75 |      |    |      |    |    | 50  |    | 200 |
| A950.5025035 |    |      |    |      |    |    |     |    | 250 |
| A950.7515020 | 50 | ---- | 11 | 17,5 | 8  | 75 | 150 | 20 |     |
| A950.7520020 | 75 |      |    |      |    |    | 50  |    | 200 |
| A950.7525020 |    |      |    |      |    |    |     |    | 250 |
| A950.7515035 | 50 | ---- | 13 | 20   | 20 |    | 150 | 35 |     |
| A950.7520035 | 75 |      |    |      |    |    | 50  |    | 200 |
| A950.7525035 |    |      |    |      |    |    |     |    | 250 |

Esempio di ordinazione/Order example = A950.5015020 (codice) (W+L+T)

# Piastre guida

## Gib plates



| Codice           | Materiale                      |
|------------------|--------------------------------|
| Cod. <b>A610</b> | Bronzo + grafite HB $\geq$ 190 |
| Cod. <b>A611</b> | Acciaio + grafite HRC 58-60    |
| Cod. <b>A612</b> | CK45 HRC 58-60                 |

| Codice        | Codice        | Codice        | Forma | b1  | b2 | b3 | d<br>H13 | h  | l1  | l2<br>$\pm 0,2$ | l3<br>$\pm 0,2$ | l4<br>$\pm 0,2$ | l5<br>$\pm 0,2$ | l6<br>$\pm 0,2$ |
|---------------|---------------|---------------|-------|-----|----|----|----------|----|-----|-----------------|-----------------|-----------------|-----------------|-----------------|
| A610-075-160  | A611-075-160  | A612-075-160  | A     | 75  | 40 | 25 | 17,5     | 25 | 160 | 45              | 115             | -               | -               | -               |
| A610-075-200  | A611-075-200  | A612-075-200  | A     | 75  | 40 | 25 | 17,5     | 25 | 200 | 45              | 155             | -               | -               | -               |
| A610-075-250  | A611-075-250  | A612-075-250  | B     | 75  | 40 | 25 | 17,5     | 25 | 250 | 45              | 125             | 205             | -               | -               |
| A610-100-160  | A611-100-160  | A612-100-160  | A     | 100 | 60 | 30 | 17,5     | 25 | 160 | 45              | 115             | -               | -               | -               |
| A610-100-200  | A611-100-200  | A612-100-200  | A     | 100 | 60 | 30 | 17,5     | 25 | 200 | 45              | 155             | -               | -               | -               |
| A610-100-250  | A611-100-250  | A612-100-250  | B     | 100 | 60 | 30 | 17,5     | 25 | 250 | 45              | 125             | 205             | -               | -               |
| A610-100-400  | A611-100-400  | A612-100-400  | C     | 100 | 60 | 30 | 17,5     | 25 | 400 | 45              | 125             | 200             | 275             | 355             |
| A610-100-1601 | A611-100-1601 | A612-100-1601 | A     | 100 | 60 | 30 | 22       | 30 | 160 | 45              | 115             | -               | -               | -               |
| A610-100-2001 | A611-100-2001 | A612-100-2001 | A     | 100 | 60 | 30 | 22       | 30 | 200 | 45              | 155             | -               | -               | -               |
| A610-100-2501 | A611-100-2501 | A612-100-2501 | B     | 100 | 60 | 30 | 22       | 30 | 250 | 45              | 125             | 205             | -               | -               |
| A610-100-4001 | A611-100-4001 | A612-100-4001 | C     | 100 | 60 | 30 | 22       | 30 | 400 | 45              | 125             | 200             | 275             | 355             |
| A610-125-160  | A611-125-160  | A612-125-160  | A     | 125 | 75 | 30 | 22       | 30 | 160 | 45              | 115             | -               | -               | -               |
| A610-125-200  | A611-125-200  | A612-125-200  | A     | 125 | 75 | 30 | 22       | 30 | 200 | 45              | 155             | -               | -               | -               |
| A610-125-250  | A611-125-250  | A612-125-250  | B     | 125 | 75 | 30 | 22       | 30 | 250 | 45              | 125             | 205             | -               | -               |
| A610-125-400  | A611-125-400  | A612-125-400  | C     | 125 | 75 | 30 | 22       | 30 | 400 | 45              | 125             | 200             | 275             | 355             |

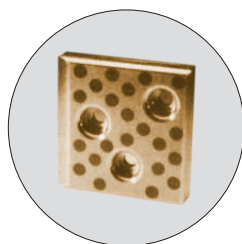
Esempio di ordinazione/Order example = A610-075-160 (codice)

ELEMENTI  
DI SCORRIMENTO

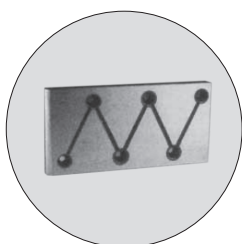
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# Piastre di scorrimento a norma AFNOR

Wear plates steel and self-lubricating AFNOR

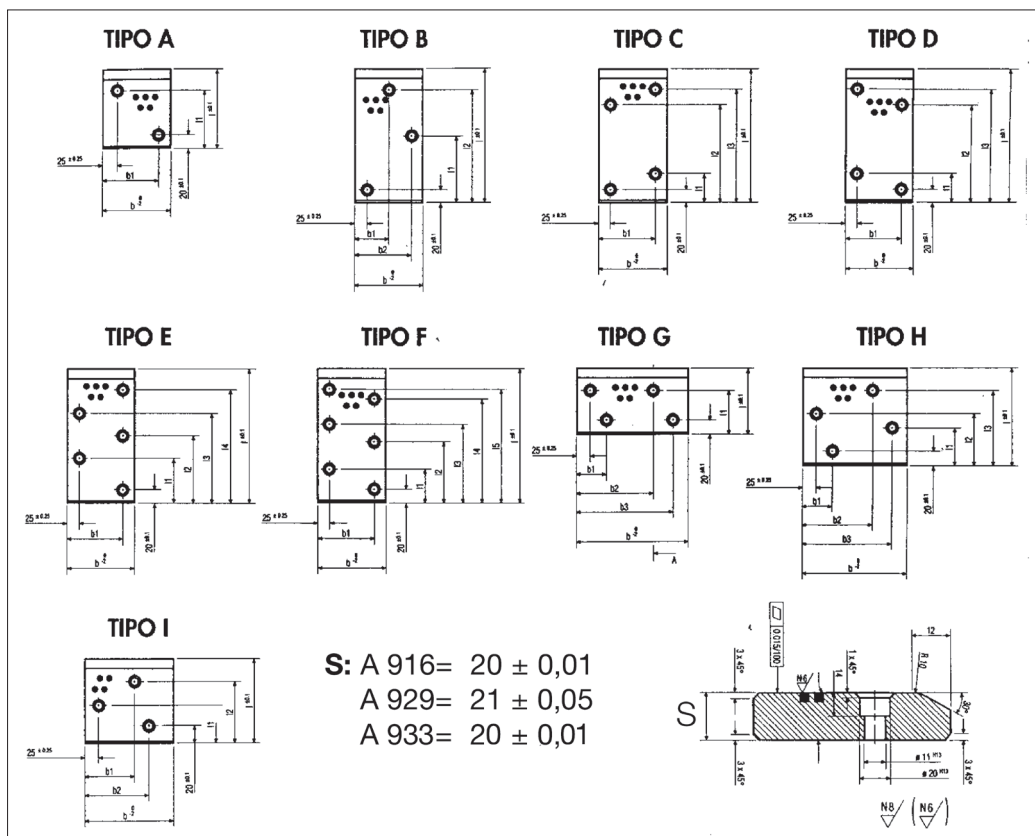


Cod. **A916/...**



Cod. **A929/...**

Cod. **A933/...**



|           |                      |
|-----------|----------------------|
| Codice    | Cod. <b>A916/...</b> |
| Materiale | Bronzo + grafite     |

|           |                      |
|-----------|----------------------|
| Codice    | Cod. <b>A929/...</b> |
| Materiale | Acciaio trattato     |

|           |                      |
|-----------|----------------------|
| Codice    | Cod. <b>A933/...</b> |
| Materiale | Acciaio trattato     |

| b x l     | b <sub>1</sub><br>± 0,1 | b <sub>2</sub><br>± 0,1 | b <sub>3</sub><br>± 0,1 | l <sub>1</sub><br>± 0,1 | l <sub>2</sub><br>± 0,1 | l <sub>3</sub><br>± 0,1 | l <sub>4</sub><br>± 0,1 | l <sub>5</sub><br>± 0,1 | TIPO | NUMERO<br>VIT |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------|---------------|
| 70 x 100  | 45                      | -                       | -                       | 70                      | -                       | -                       | -                       | -                       | A    | 2             |
| 70 x 150  | 35                      | 45                      | -                       | 70                      | 120                     | -                       | -                       | -                       | B    | 3             |
| 70 x 200  | 45                      | -                       | -                       | 70                      | 120                     | 170                     | -                       | -                       | D    | 4             |
| 100 x 100 | 55                      | 75                      | -                       | 45                      | 70                      | -                       | -                       | -                       | I    | 3             |
| 100 x 150 | 75                      | -                       | -                       | 45                      | 95                      | 120                     | -                       | -                       | C    | 4             |
| 100 x 200 | 75                      | -                       | -                       | 70                      | 120                     | 170                     | -                       | -                       | D    | 4             |
| 100 x 250 | 75                      | -                       | -                       | 70                      | 120                     | 170                     | 220                     | -                       | E    | 5             |
| 100 x 300 | 75                      | -                       | -                       | 70                      | 120                     | 170                     | 220                     | 270                     | F    | 6             |
| 150 x 100 | 50                      | 100                     | 125                     | 70                      | -                       | -                       | -                       | -                       | G    | 4             |
| 150 x 150 | 50                      | 100                     | 125                     | 45                      | 95                      | 120                     | -                       | -                       | H    | 4             |
| 150 x 200 | 125                     | -                       | -                       | 70                      | 120                     | 170                     | -                       | -                       | D    | 4             |
| 150 x 250 | 125                     | -                       | -                       | 70                      | 120                     | 170                     | 220                     | -                       | E    | 5             |
| 150 x 300 | 125                     | -                       | -                       | 70                      | 120                     | 170                     | 220                     | 270                     | F    | 6             |
| 200 x 100 | 75                      | 125                     | 175                     | 70                      | -                       | -                       | -                       | -                       | G    | 4             |

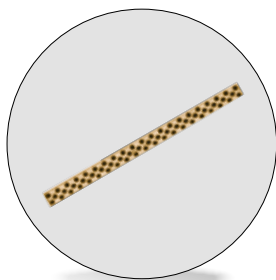
• Le A929 possono essere fornite anche senza ragnature. Per l'ordinazione aggiungere al codice "SR"

Esempio di ordinazione/Order example = A916/100x150 (Codice+bxl)

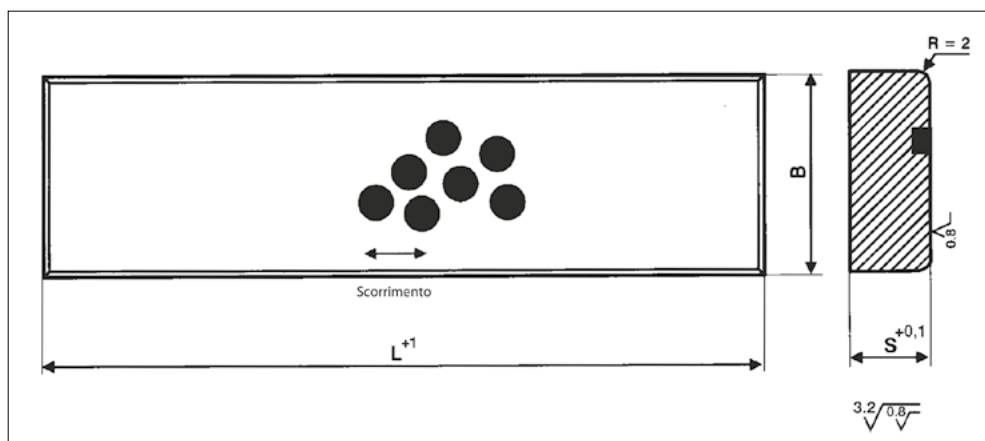
Esempio di ordinazione/Order example: A929/100x100 SR

# Listelli e piastrine autolubrificanti

Wear plates self-lubricating



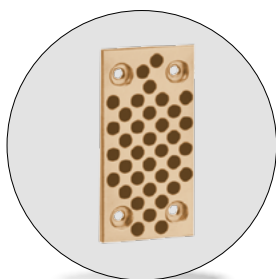
| Codice           | Materiale                  |
|------------------|----------------------------|
| Cod. <b>A923</b> | Bronzo + grafite<br>HB≥190 |



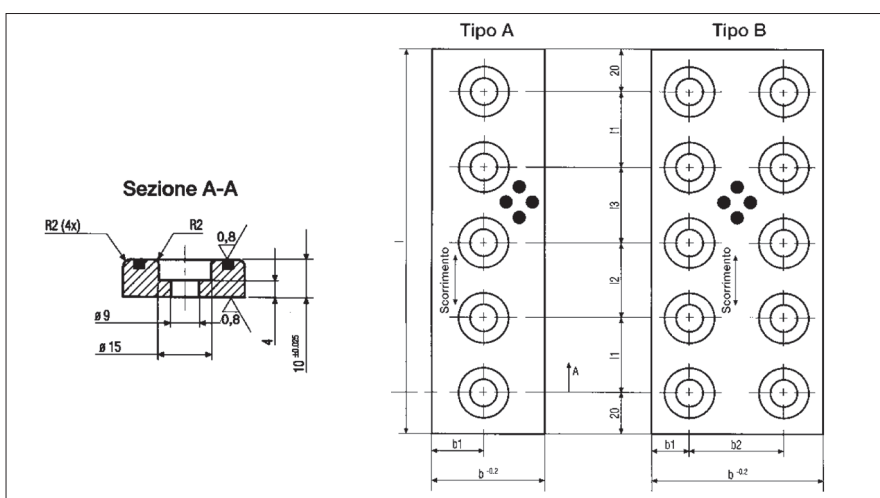
| B x L x S     | B x L x S      | B x L x S      | B x L x S      | B x L x S      | B x L x S       |
|---------------|----------------|----------------|----------------|----------------|-----------------|
| 20 x 305 x 4  | 35 x 605 x 10  | 40 x 605 x 12  | 50 x 1005 x 10 | 60 x 1005 x 10 | 80 x 1005 x 12  |
| 25 x 305 x 5  | 35 x 1005 x 10 | 40 x 1005 x 8  | 50 x 1005 x 12 | 60 x 1005 x 12 | 80 x 1005 x 16  |
| 30 x 305 x 6  | 40 x 500 x 6   | 40 x 1005 x 10 | 50 x 1005 x 20 | 60 x 1005 x 16 | 80 x 1005 x 20  |
| 30 x 400 x 6  | 40 x 500 x 8   | 40 x 1005 x 12 | 60 x 500 x 16  | 80 x 500 x 16  | 100 x 1005 x 10 |
| 30 x 500 x 8  | 40 x 500 x 10  | 50 x 500 x 10  | 60 x 500 x 20  | 80 x 500 x 20  | 100 x 605 x 20  |
| 30 x 605 x 6  | 40 x 500 x 12  | 50 x 500 x 12  | 60 x 605 x 10  | 80 x 605 x 12  | 100 x 1005 x 20 |
| 30 x 605 x 8  | 40 x 605 x 8   | 50 x 605 x 10  | 60 x 605 x 12  | 80 x 605 x 16  | 125 x 1005 x 20 |
| 35 x 500 x 10 | 40 x 605 x 10  | 50 x 605 x 12  | 60 x 605 x 16  | 80 x 605 x 20  | 160 x 1005 x 20 |

Esempio di ordinazione/Order example = A923 25x305x5 (cod. + BxLxS)

Misure fornibili a richiesta. Only on request.



| Codice           | Materiale                  |
|------------------|----------------------------|
| Cod. <b>A924</b> | Bronzo + grafite<br>HB≥190 |



| Codice          | b x l    | b1±0,2 | b2±0,2 | l1±0,2 | l2±0,2 | l3±0,2 | Tipo | N° Fori |
|-----------------|----------|--------|--------|--------|--------|--------|------|---------|
| A924 - 35 x 100 | 35 x 100 | 17,5   | -      | 60     | -      | -      | A    | 2       |
| A924 - 35 x 150 | 35 x 150 | 17,5   | -      | 55     | 55     | -      | A    | 3       |
| A924 - 35 x 200 | 35 x 200 | 17,5   | -      | 55     | 50     | 55     | A    | 4       |
| A924 - 35 x 250 | 35 x 250 | 17,5   | -      | 70     | 70     | 70     | A    | 4       |
| A924 - 35 x 300 | 35 x 300 | 17,5   | -      | 65     | 65     | 65     | A    | 5       |
| A924 - 35 x 350 | 35 x 350 | 17,5   | -      | 80     | 75     | 75     | A    | 5       |
| A924 - 50 x 100 | 50 x 100 | 25,0   | -      | 60     | -      | -      | A    | 2       |
| A924 - 50 x 150 | 50 x 150 | 25,0   | -      | 55     | 55     | -      | A    | 3       |
| A924 - 50 x 200 | 50 x 200 | 25,0   | -      | 55     | 50     | 55     | A    | 4       |
| A924 - 50 x 250 | 50 x 250 | 25,0   | -      | 70     | 70     | 70     | A    | 4       |
| A924 - 50 x 300 | 50 x 300 | 25,0   | -      | 65     | 65     | 65     | A    | 5       |
| A924 - 50 x 350 | 50 x 350 | 25,0   | -      | 80     | 75     | 75     | A    | 5       |
| A924 - 75 x 150 | 75 x 150 | 15,0   | 45     | 110    | -      | -      | B    | 4       |
| A924 - 75 x 200 | 75 x 200 | 15,0   | 45     | 80     | 80     | -      | B    | 6       |
| A924 - 75 x 250 | 75 x 250 | 15,0   | 45     | 105    | 105    | -      | B    | 6       |
| A924 - 75 x 300 | 75 x 300 | 15,0   | 45     | 85     | 90     | 85     | B    | 8       |
| A924 - 75 x 400 | 75 x 400 | 15,0   | 45     | 120    | 120    | 120    | B    | 8       |
| A924 - 75 x 500 | 75 x 500 | 15,0   | 45     | 115    | 115    | 115    | B    | 10      |

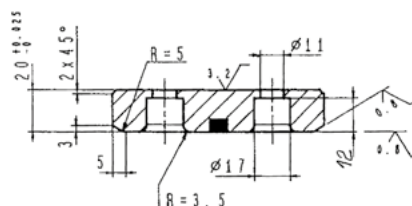
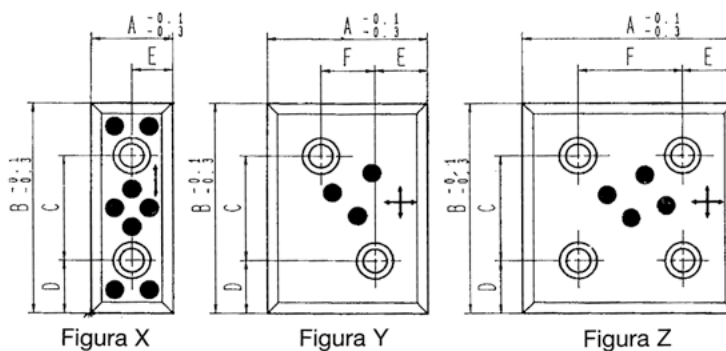
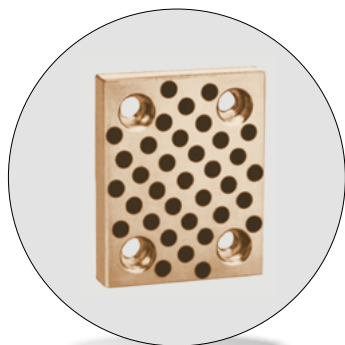
Esempio di ordinazione/Order example = A924 - 35 x 100 (codice)

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# Piastre di scorrimento autolubrificanti con inserti in grafite

Wear plates

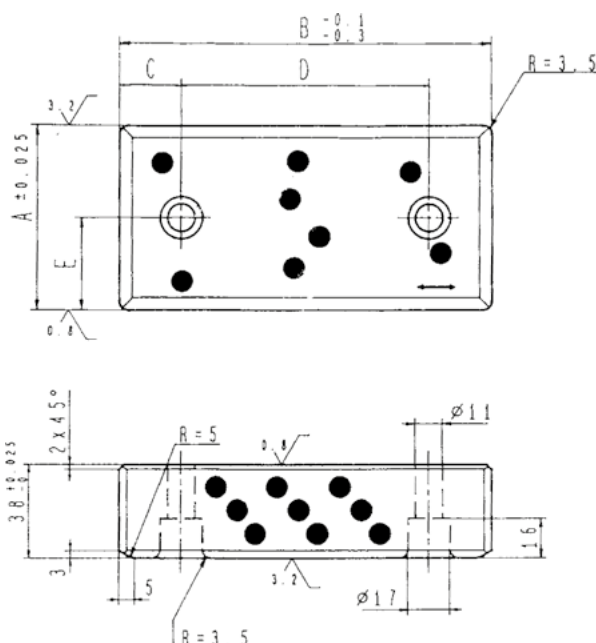
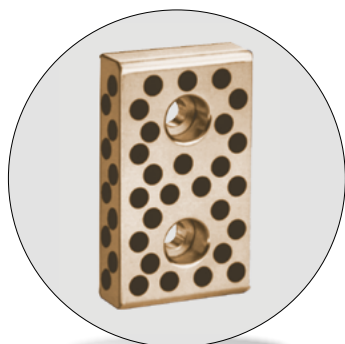


| Codice              | Materiale                     |
|---------------------|-------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite;<br>HB ≥ 190 |

| Codice | A   | B   | C   | D  | E    | F  | Fig. |
|--------|-----|-----|-----|----|------|----|------|
| CF-BR1 | 38  | 100 | 50  | 25 | 19   | /  | X    |
| CF-BR2 | 38  | 150 | 100 | 25 | 19   | /  | X    |
| CF-BR3 | 75  | 100 | 50  | 25 | 25   | 25 | Y    |
| CF-BR4 | 75  | 150 | 100 | 25 | 37,5 | /  | X    |
| CF-BR5 | 100 | 100 | 50  | 25 | 25   | 50 | Z    |
| CF-BR6 | 100 | 150 | 100 | 25 | 25   | 50 | Z    |

Esempio di ordinazione/Order example = CF-BR5 (codice)

ELEMENTI  
DI SCORRIMENTO



| Codice              | Materiale                     |
|---------------------|-------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite;<br>HB ≥ 190 |

| Codice | A  | B   | C  | D   | E    |
|--------|----|-----|----|-----|------|
| CF-BR7 | 75 | 100 | 25 | 50  | 37,5 |
| CF-BR8 | 75 | 150 | 25 | 100 | 37,5 |

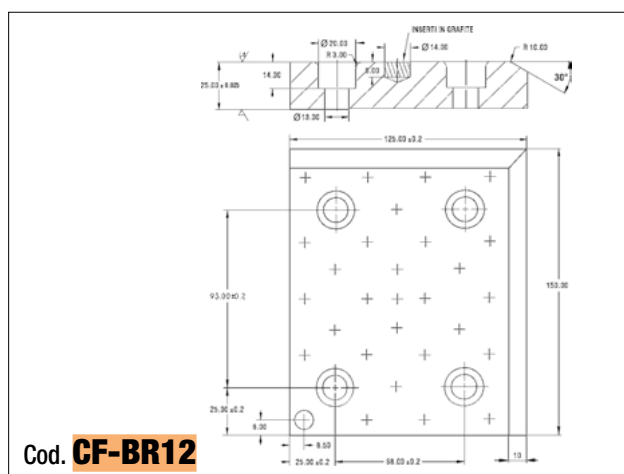
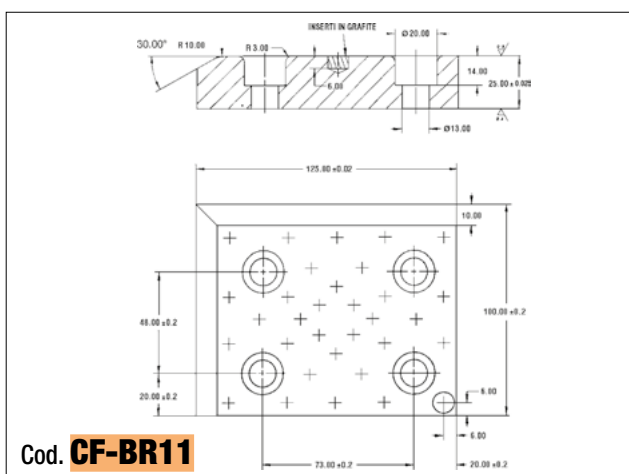
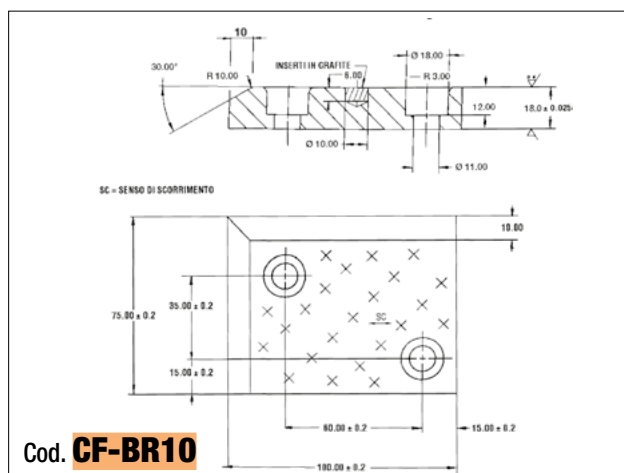
Esempio di ordinazione/Order example = CF-BR8 (codice)

# Piastre di scorrimento autolubrificanti con inserti in grafite

Wear plates



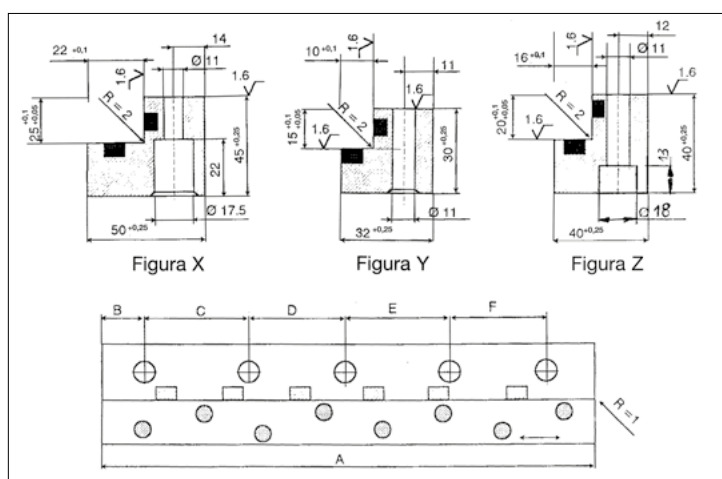
| Codice              | Materiale                       |
|---------------------|---------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite; HB $\geq$ 190 |



Esempio di ordinazione/Order example = CF-BR10 (codice)



| Codice              | Materiale                       |
|---------------------|---------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite; HB $\geq$ 190 |



| Codice  | A   | B  | C   | D  | E  | F  | Fig. | N° Fori |
|---------|-----|----|-----|----|----|----|------|---------|
| CF-BR15 | 100 | 20 | 60  | /  | /  | /  | Y    | 2       |
| CF-BR16 | 150 | 20 | 55  | 55 | /  | /  | Y    | 3       |
| CF-BR17 | 200 | 20 | 55  | 50 | 55 | /  | X    | 4       |
| CF-BR18 | 250 | 20 | 70  | 70 | 70 | /  | X    | 4       |
| CF-BR19 | 300 | 20 | 65  | 65 | 65 | 65 | X    | 5       |
| CF-BR27 | 160 | 15 | 130 | /  | /  | /  | Z    | 2       |
| CF-BR28 | 250 | 15 | 130 | 80 | /  | /  | Z    | 3       |

Esempio di ordinazione/Order example = CF/BR15 (codice)

ELEMENTI  
DI SCORRIMENTO



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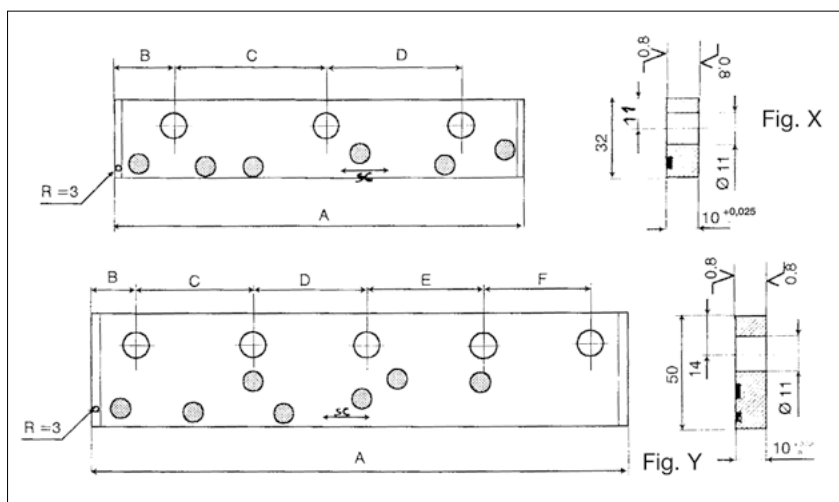


# Piastre di scorrimento autolubrificanti con inserti in grafite

Wear plates

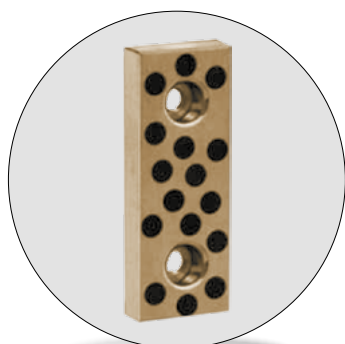


| Codice              | Materiale                     |
|---------------------|-------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite;<br>HB ≥ 190 |

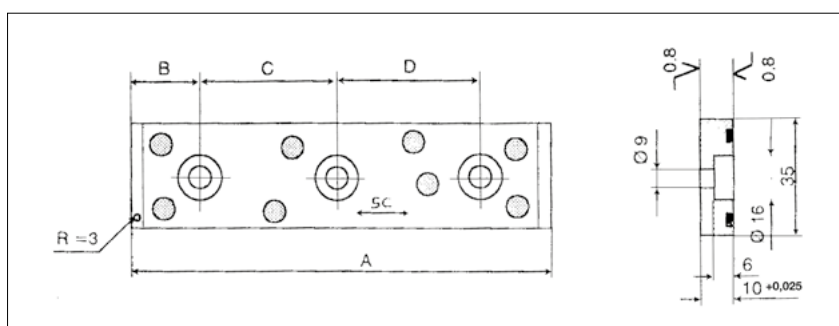


| Codice  | A   | B  | C  | D  | E  | F  | Fig. | N° Fori |
|---------|-----|----|----|----|----|----|------|---------|
| CF-BR20 | 100 | 20 | 60 | /  | /  | /  | X    | 2       |
| CF-BR21 | 150 | 20 | 55 | 55 | /  | /  | X    | 3       |
| CF-BR22 | 200 | 20 | 55 | 50 | 55 | /  | Y    | 4       |
| CF-BR23 | 250 | 20 | 70 | 70 | 70 | /  | Y    | 4       |
| CF-BR24 | 300 | 20 | 65 | 65 | 65 | 65 | Y    | 5       |

Esempio di ordinazione/Order example = CF-BR20 (codice)



| Codice              | Materiale                     |
|---------------------|-------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite;<br>HB ≥ 190 |

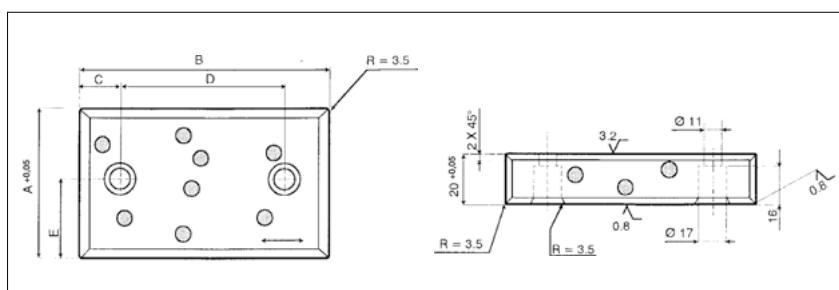


| Codice  | A   | B  | C  | D  | N° Fori |
|---------|-----|----|----|----|---------|
| CF-BR25 | 100 | 20 | 60 | /  | 2       |
| CF-BR26 | 150 | 20 | 55 | 55 | 3       |

Esempio di ordinazione/Order example = CF-BR25 (codice)



| Codice              | Materiale                     |
|---------------------|-------------------------------|
| Cod. <b>CF-BR..</b> | Bronzo + grafite;<br>HB ≥ 190 |



| Codice  | A  | B   | C  | D   | E    |
|---------|----|-----|----|-----|------|
| CF-BR30 | 48 | 100 | 25 | 50  | 24   |
| CF-BR31 | 48 | 150 | 25 | 100 | 24   |
| CF-BR32 | 75 | 100 | 25 | 50  | 37,5 |
| CF-BR33 | 75 | 150 | 25 | 100 | 37,5 |

Esempio di ordinazione/Order example = CF-BR30 (codice)

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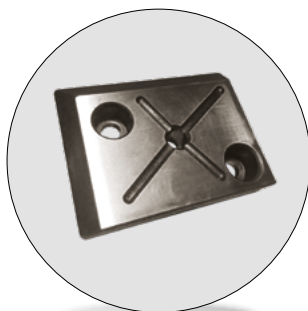
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CF Torino - È vietata la riproduzione, anche parziale, del presente catalogo.

# Normalizzati per stampi

Standard parts for Die and Mold

## Piastre guida in acciaio *Wear plates steel*

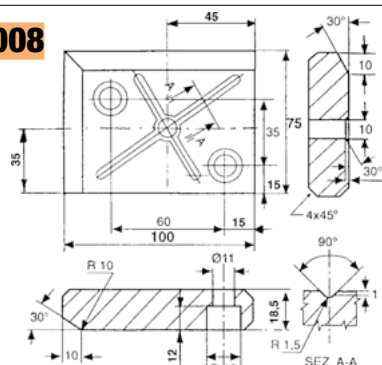


### Materiale

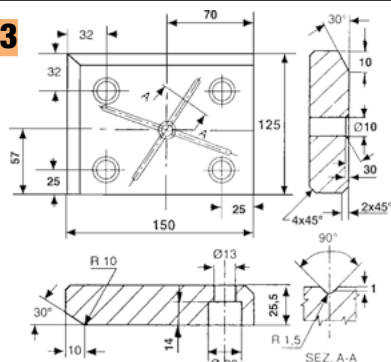
16CrNi4  
cmt - tmp HRC 58÷60

N.B: Le piastre sopra elencate possono essere fornite anche senza le ragnature per la lubrificazione e vengono rettificate a spessore  $18,5 + 0,3 + 0,5$  per il codice 518008 ed a spessore  $25,5 + 0,3 + 0,5$  per gli altri due codici. Per l'ordinazione senza ragnature aggiungere al codice lettera SR.

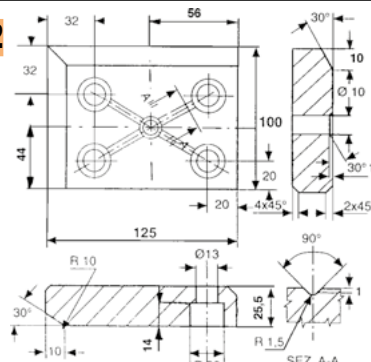
Cod. **518008**



Cod. **60463**

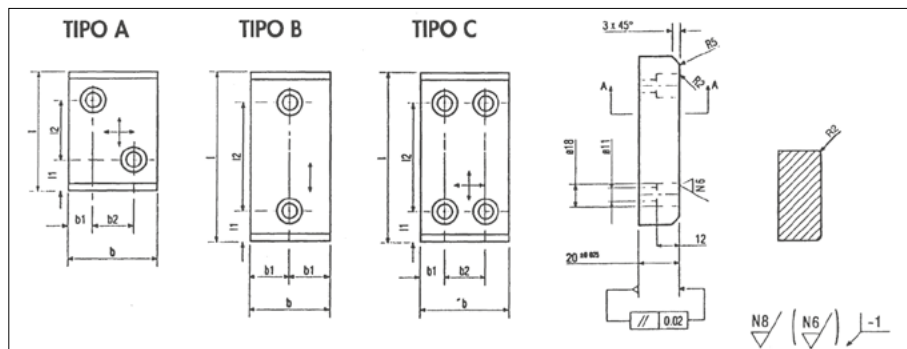


Cod. **60462**



Esempio di ordinazione/Order example = 518008 (codice)

## Piastre di scorrimento *Wear plates*



| Codice           | Materiale        | Spessore S |
|------------------|------------------|------------|
| Cod. <b>A920</b> | Acciaio trattato | 20 ± 0,025 |
| Cod. <b>A980</b> | Bronzo + grafite | 20 ± 0,025 |

| Tipo | b x l    | b1 | b2 | l1 | l2  |
|------|----------|----|----|----|-----|
| B    | 28 x 75  | 14 | -  | 15 | 45  |
| B    | 28 x 100 | 14 | -  | 25 | 50  |
| B    | 28 x 150 | 14 | -  | 25 | 100 |
| B    | 38 x 75  | 19 | -  | 15 | 45  |
| B    | 38 x 100 | 19 | -  | 25 | 50  |
| B    | 38 x 150 | 19 | -  | 25 | 100 |
| B    | 48 x 75  | 24 | -  | 15 | 45  |
| B    | 48 x 100 | 24 | -  | 25 | 50  |
| B    | 48 x 125 | 24 | -  | 25 | 75  |
| B    | 48 x 150 | 24 | -  | 25 | 100 |
| B    | 58 x 75  | 29 | -  | 15 | 45  |
| B    | 58 x 100 | 29 | -  | 25 | 50  |
| B    | 58 x 150 | 29 | -  | 25 | 100 |

| Codice           | Materiale        | Spessore S                             |
|------------------|------------------|----------------------------------------|
| Cod. <b>A981</b> | Acciaio trattato | 20,5 <sup>+0,3</sup> / <sub>+0,5</sub> |

\*Per il codice A980 esiste solo la forma B.

| Tipo   | b x l     | b1        | b2  | l1 | l2  |
|--------|-----------|-----------|-----|----|-----|
| *A - B | 75 x 75   | 25-(37,5) | 25  | 25 | 25  |
| *A - B | 75 x 100  | 25-(37,5) | 25  | 25 | 50  |
| B      | 75 x 125  | 37,5      | -   | 25 | 75  |
| B      | 75 x 150  | 37,5      | -   | 25 | 100 |
| B      | 75 x 200  | 37,5      | -   | 25 | 150 |
| C      | 100 x 100 | 25        | 50  | 25 | 50  |
| C      | 100 x 125 | 25        | 50  | 25 | 75  |
| C      | 100 x 150 | 25        | 50  | 25 | 100 |
| C      | 100 x 200 | 25        | 50  | 25 | 150 |
| C      | 100 x 250 | 25        | 50  | 25 | 200 |
| C      | 125 x 150 | 37,5      | 50  | 25 | 100 |
| C      | 125 x 200 | 37,5      | 50  | 25 | 150 |
| C      | 125 x 250 | 37,5      | 50  | 25 | 200 |
| C      | 150 x 150 | 25        | 100 | 25 | 100 |
| C      | 150 x 200 | 25        | 100 | 25 | 150 |
| C      | 150 x 250 | 25        | 100 | 25 | 200 |

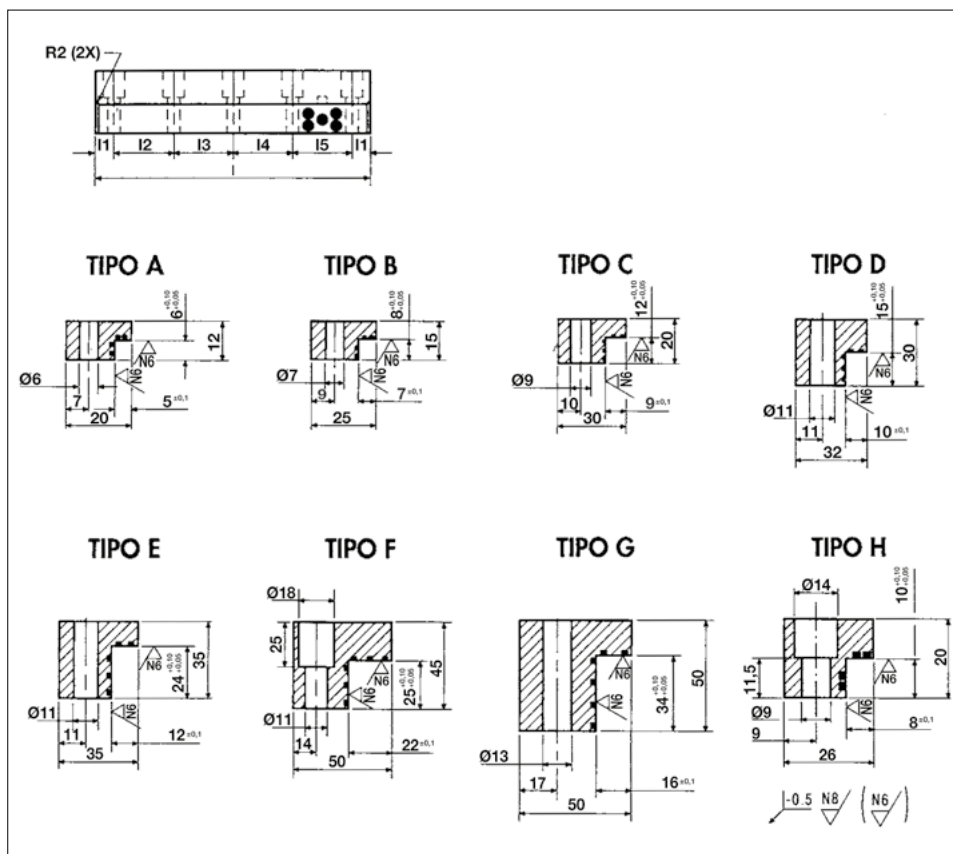
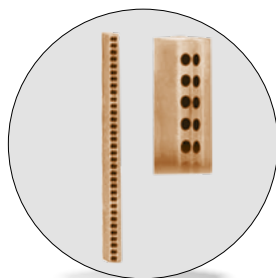
Esempio di ordinazione/Order example = A920/B58x100 (cod. + TIPO + bxl)

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# Guide angolari L autolubrificanti

## Angular guide self-lubricating



| Codice               | Materiale                 |
|----------------------|---------------------------|
| Cod. <b>A919/...</b> | Bronzo + grafite / HB≥190 |

### CON FORI DI FISSAGGIO With fixing holes

| Codice        | TIPO | I   | I <sub>1</sub> | I <sub>2</sub> | I <sub>3</sub> | I <sub>4</sub> | I <sub>5</sub> | VITI<br>DIN 912 |
|---------------|------|-----|----------------|----------------|----------------|----------------|----------------|-----------------|
| A919/H x 100  | H    | 100 | 20             | 60             | -              | -              | -              | 2x M8           |
| A919/H x 150  | H    | 150 | 20             | 55             | 55             | -              | -              | 3x M8           |
| A919/ H x 200 | H    | 200 | 20             | 55             | 50             | 55             | -              | 4x M8           |
| A919/ D x 100 | D    | 100 | 20             | 60             | -              | -              | -              | 2x M10          |
| A919/ D x 150 | D    | 150 | 20             | 55             | 55             | -              | -              | 3x M10          |
| A919/ D x 200 | D    | 200 | 20             | 55             | 50             | 55             | -              | 4x M10          |
| A919/ D x 250 | D    | 250 | 20             | 70             | 70             | 70             | -              | 4x M10          |
| A919/ F x 200 | F    | 200 | 20             | 55             | 50             | 55             | -              | 4x M10          |
| A919/ F x 250 | F    | 250 | 20             | 70             | 70             | 70             | -              | 4x M10          |
| A919/ F x 300 | F    | 300 | 20             | 65             | 65             | 65             | 65             | 5x M10          |
| A919/ F x 350 | F    | 350 | 20             | 80             | 75             | 75             | 80             | 5x M10          |

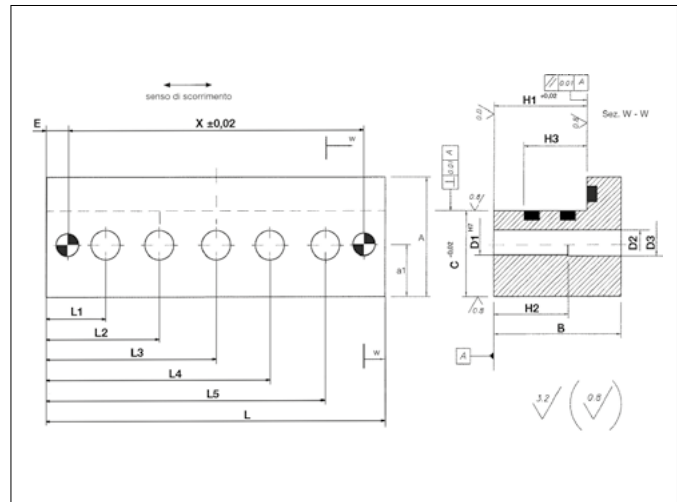
### SENZA FORI DI FISSAGGIO Without fixing holes

| Codice         | TIPO | I     |
|----------------|------|-------|
| A919/A x 305   | A    | 305   |
| A919/B x 305   | B    | 305   |
| A919/C x 305   | C    | 305   |
| A919/D x 605   | D    | 605   |
| A919/E x 605   | E    | 605   |
| A919/F x 605   | F    | 605   |
| A919/G x 605   | G    | 605   |
| A919/D x 1.005 | D    | 1.005 |
| A919/E x 1.005 | E    | 1.005 |
| A919/F x 1.005 | F    | 1.005 |
| A919/G x 1.005 | G    | 1.005 |

Esempio di ordinazione/Order example = A919/F x 300 (codice)

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## Guide angolari autolubrificanti VDI 3357 Angular guide self-lubricating VDI 3357



| Codice                | Materiale               | Norma    |
|-----------------------|-------------------------|----------|
| Cod. <b>A940/...</b>  | Bronzo + grafite HB≥190 | FCA      |
| Cod. <b>A940/...V</b> | Bronzo + grafite HB≥190 | **       |
| Cod. <b>V940/...</b>  | Bronzo + grafite HB≥190 | VDI 3357 |

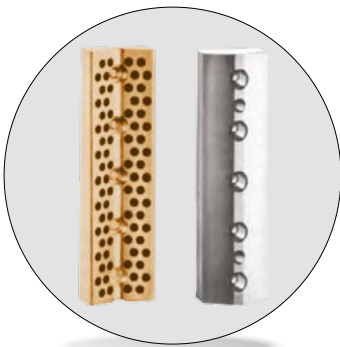
| Codice     | Codice     | X   | A  | a1 | B    | C  | D <sub>1</sub> | D <sub>2</sub> | D <sub>3</sub> | E    | H <sub>1</sub> | H <sub>2</sub> | H <sub>3</sub> | L   | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | L <sub>5</sub> | N. fori |   |
|------------|------------|-----|----|----|------|----|----------------|----------------|----------------|------|----------------|----------------|----------------|-----|----------------|----------------|----------------|----------------|----------------|---------|---|
| A940-55100 | V940-55100 | 80  | 55 | 20 | 55,5 | 37 | 10             | 13,5           | 11             | 10   | 39,5           | 30             | 23             | 100 | 27,5           | –              | –              | –              | –              | 72,5    | 2 |
| A940-55160 | V940-55160 | 140 | 55 | 20 | 55,5 | 37 | 10             | 13,5           | 11             | 10   | 39,5           | 30             | 23             | 160 | 27,5           | –              | –              | –              | –              | 132,5   | 2 |
| A940-75160 | V940-75160 | 135 | 70 | 30 | 75,5 | 50 | 12             | 17,5           | 13             | 12,5 | 55,5           | 30             | 35             | 160 | 35             | –              | –              | –              | –              | 125     | 2 |
| A940-75200 | V940-75200 | 175 | 70 | 30 | 75,5 | 50 | 12             | 17,5           | 13             | 12,5 | 55,5           | 30             | 35             | 200 | 35             | –              | –              | –              | –              | 165     | 2 |
| A940-75250 | V940-75250 | 225 | 70 | 30 | 75,5 | 50 | 12             | 17,5           | 13             | 12,5 | 55,5           | 30             | 35             | 250 | 35             | –              | 125            | –              | –              | 215     | 3 |
| A940-90160 | V940-90160 | 130 | 85 | 38 | 90,5 | 63 | 16             | 22             | 17             | 15   | 65,5           | 30             | 45             | 160 | 42,5           | –              | –              | –              | –              | 117,5   | 2 |
| A940-90200 | V940-90200 | 170 | 85 | 38 | 90,5 | 63 | 16             | 22             | 17             | 15   | 65,5           | 30             | 45             | 200 | 42,5           | –              | –              | –              | –              | 157,5   | 2 |
| A940-90250 | V940-90250 | 220 | 85 | 38 | 90,5 | 63 | 16             | 22             | 17             | 15   | 65,5           | 30             | 45             | 250 | 42,5           | –              | 125            | –              | –              | 207,5   | 3 |
| A940-75400 | V940-75400 | 375 | 70 | 30 | 75,5 | 50 | 12             | 17,5           | 13             | 12,5 | 55,5           | 30             | 35             | 400 | 35             | 125            | 200            | 275            | 365            | 5       |   |
| A940-90400 | V940-90400 | 370 | 85 | 38 | 90,5 | 63 | 16             | 22             | 17             | 15   | 65,5           | 30             | 45             | 400 | 42,5           | 125            | 200            | 275            | 357,5          | 5       |   |

Il cod. A940 si differenzia dal cod. V940 (VDI 3357) solo per l'aggiunta dei 2 fori spina / The code A940 differs from the cod. V940 (VDI 3357) only for the addition of 2 plug holes.

Esempio di ordinazione/Order example = A940-75200 (Codice)

\*\* Aggiungendo al fondo del codice A940/... la lettera V è possibile avere, su richiesta, le stesse guide ma senza sovrametallo (+0,5) sulle quote B e H1 / Adding the letter V to the bottom of the code A940/... is it possible to have on request the same guides but without over metal (+0,5) on dimension B and H1.

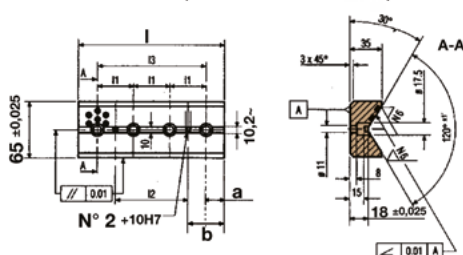
## Guide a V V driver



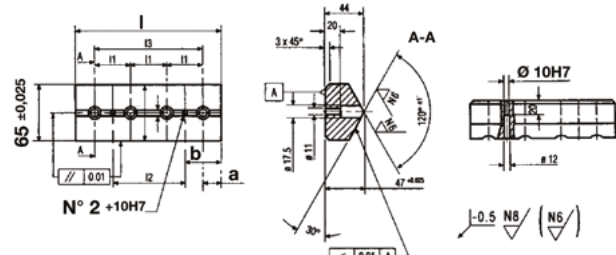
| Codice                 | Cod. <b>A918 AB/...</b> |
|------------------------|-------------------------|
| (coppia A+B)           |                         |
| Cod. <b>A918 A/...</b> |                         |
| Bronzo + grafite       |                         |
| Cod. <b>A918 B/...</b> |                         |
| Acciaio                |                         |

| a  | b  | l   | l <sub>1</sub> | l <sub>2</sub> ± 0,02 | l <sub>3</sub> ± 0,1 | N. viti |
|----|----|-----|----------------|-----------------------|----------------------|---------|
| 20 | 40 | 100 | 60             | 20                    | -                    | 2       |
| 25 | 50 | 150 | 50             | 50                    | 100                  | 3       |
| 25 | 50 | 200 | 50             | 100                   | 150                  | 4       |
| 25 | 50 | 250 | 50             | 150                   | 200                  | 5       |
| 25 | 50 | 300 | 50             | 200                   | 250                  | 6       |

### TIPO A (BRONZO + GRAFITE)



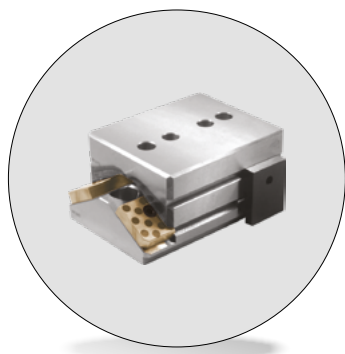
### TIPO B (ACCIAIO)



Esempio di ordinazione/Order example = A918 AB/200 (Cod. + l)

## Guide a "V" con piastre di scorrimento intercambiabili e ritorno di sicurezza

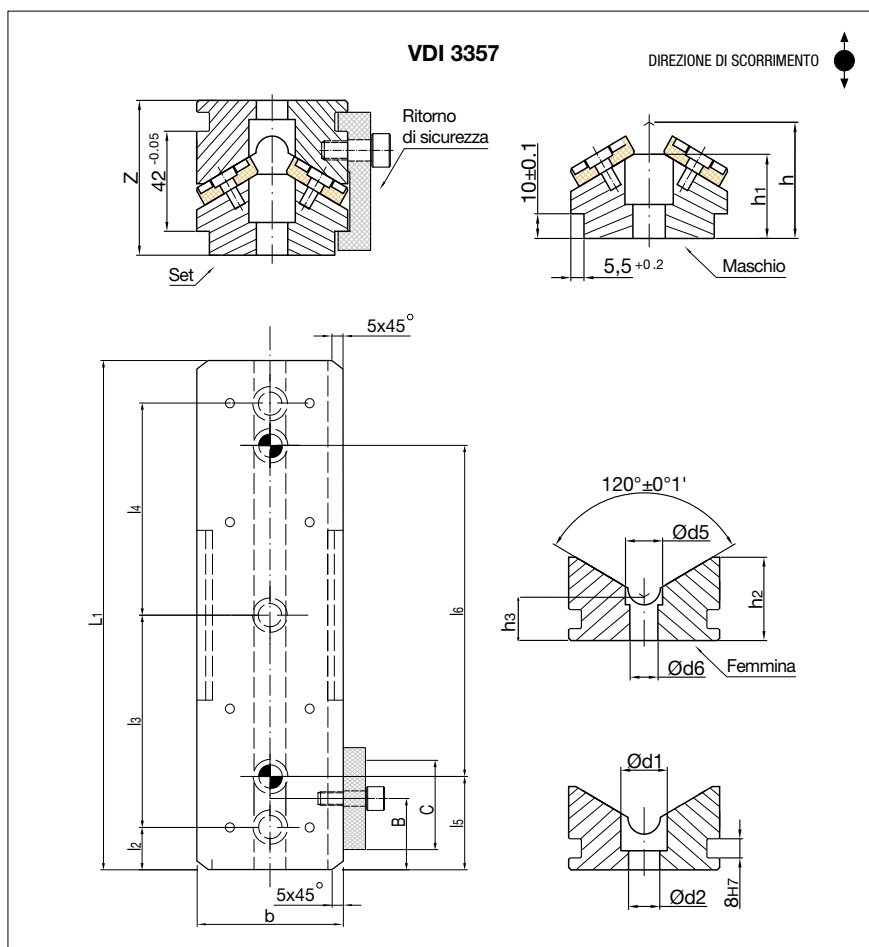
"V" driver sets with replaceable inserts with positive return



Codice

Cod. **A 945**

**BREVETTATO  
PATENTED**



| Codice               | Materiale                                         |                      |
|----------------------|---------------------------------------------------|----------------------|
|                      | Blocco femmina: CK45 temprato, HRC 60 ÷ 64        | Blocco maschio: CK45 |
| Cod. <b>A 945-01</b> | Piastra di scorrimento in bronzo grafite HB ≥ 190 |                      |
| Cod. <b>A 945-03</b> | Piastra di scorrimento in materiale sinterizzato  |                      |

| Codice               | b<br>±0,026 | d1<br>H13 | d2<br>H13 | d5<br>H13 | d6<br>H7 | l1<br>-0,2 | l2<br>±0,2 | l3<br>±0,12 | l4<br>±0,12 | l5<br>±0,02 | l6<br>±0,01 | h<br>±0,01 | h1 | h2<br>±0,2 | h3<br>±0,01 | z<br>±0,05 |
|----------------------|-------------|-----------|-----------|-----------|----------|------------|------------|-------------|-------------|-------------|-------------|------------|----|------------|-------------|------------|
| A945-XX-0615-01-X-BC | 65          | 20        | 13,5      | 16        | 12       | 150        | 25         | -           | 100         | 55          | 45          | 47         | 34 | 35         | 18          | 65         |
| A945-XX-0620-01-X-BC | 65          | 20        | 13,5      | 16        | 12       | 200        | 25         | -           | 150         | 55          | 95          | 47         | 34 | 35         | 18          | 65         |
| A945-XX-0625-01-X-BC | 65          | 20        | 13,5      | 16        | 12       | 250        | 25         | 100         | 100         | 55          | 145         | 47         | 34 | 35         | 18          | 65         |
| A945-XX-0630-01-X-BC | 65          | 20        | 13,5      | 16        | 12       | 300        | 25         | 125         | 125         | 55          | 195         | 47         | 34 | 35         | 18          | 65         |
| A945-XX-1215-01-X-BC | 125         | 26        | 17,5      | 20        | 16       | 150        | 25         | -           | 100         | 55          | 45          | 57         | 44 | 60         | 28          | 85         |
| A945-XX-1220-01-X-BC | 125         | 26        | 17,5      | 20        | 16       | 200        | 25         | -           | 150         | 55          | 95          | 57         | 44 | 60         | 28          | 85         |
| A945-XX-1225-01-X-BC | 125         | 26        | 17,5      | 20        | 16       | 250        | 25         | 100         | 100         | 55          | 145         | 57         | 44 | 60         | 28          | 85         |
| A945-XX-1230-01-X-BC | 125         | 26        | 17,5      | 20        | 16       | 300        | 25         | 125         | 125         | 55          | 195         | 57         | 44 | 60         | 28          | 85         |

### ESEMPIO DI ORDINAZIONE/ORDER EXAMPLE

**A945-XX-0615-01-X-BC**

Tipi di scorrimento: 01 - bronzo - grafite  
03 - sinterizzato autolubrificante

Tipo  
S = set  
M = maschio  
F = femmina

Viti non incluse. Screws not included.

Dimensioni **B** e **C** da indicare in fase di ordinazione.  
**B** e **C**: indicate when ordering.

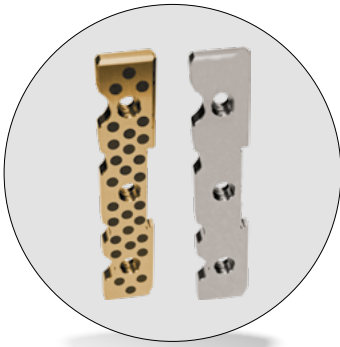
Vengono fornite 2 clamp di ritorno per ogni SET.  
2 positive return clamp supplied with each "V" driver set.

Esempio di ordinazione per set/Order example for set = A945-XX-0615-01-X-BC

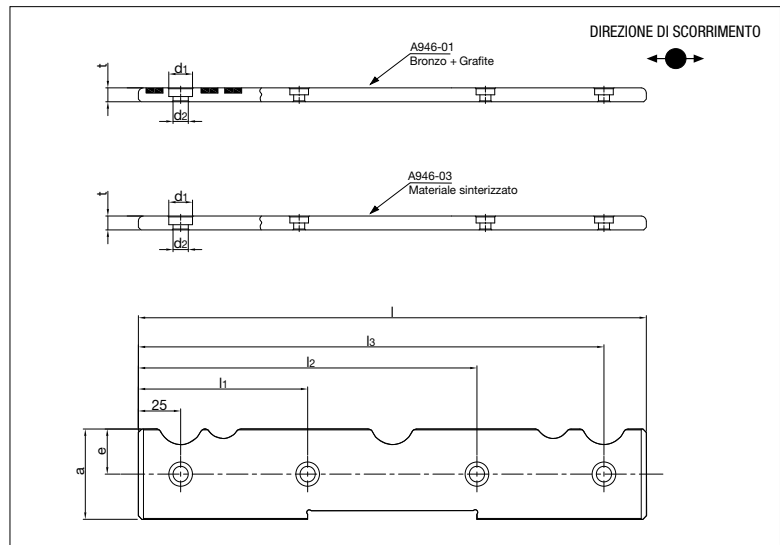
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**Piastre di scorrimento autolubrificanti di ricambio** *Replaceable wear plates, self-lubricating*



| Codice              | Materiale                    |
|---------------------|------------------------------|
| Cod. <b>A946-01</b> | Bronzo grafite HB $\geq 190$ |
| Cod. <b>A946-03</b> | Materiale sinterizzato       |



| Codice             | a  | d1 | d2  | e  | h | l1  | l2  | l3  | t<br>-0,005 |
|--------------------|----|----|-----|----|---|-----|-----|-----|-------------|
| A946-XX-065-150-01 | 27 | 11 | 6,5 | 9  | 4 | 75  | -   | 125 | 8           |
| A946-XX-065-200-01 | 27 | 11 | 6,5 | 9  | 4 | 75  | 125 | 175 | 8           |
| A946-XX-065-250-01 | 27 | 11 | 6,5 | 9  | 4 | 90  | 160 | 225 | 8           |
| A946-XX-065-300-01 | 27 | 11 | 6,5 | 9  | 4 | 95  | 205 | 275 | 8           |
| A946-XX-125-150-01 | 52 | 14 | 9   | 22 | 5 | 75  | -   | 125 | 8           |
| A946-XX-125-200-01 | 52 | 14 | 9   | 22 | 5 | 75  | 125 | 175 | 8           |
| A946-XX-125-250-01 | 52 | 14 | 9   | 22 | 5 | 90  | 160 | 225 | 8           |
| A946-XX-125-300-01 | 52 | 14 | 9   | 22 | 5 | 100 | 200 | 275 | 8           |

ESEMPIO DI ORDINAZIONE **A946-XX-065-150-01**  
ORDER EXAMPLE

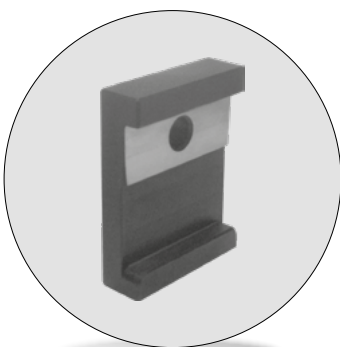
Tipi di scorrimento: 01 - bronzo - grafite  
03 - materiale sinterizzato

Esempio di ordinazione/Order example = A946-XX-065-150-01 (codice)

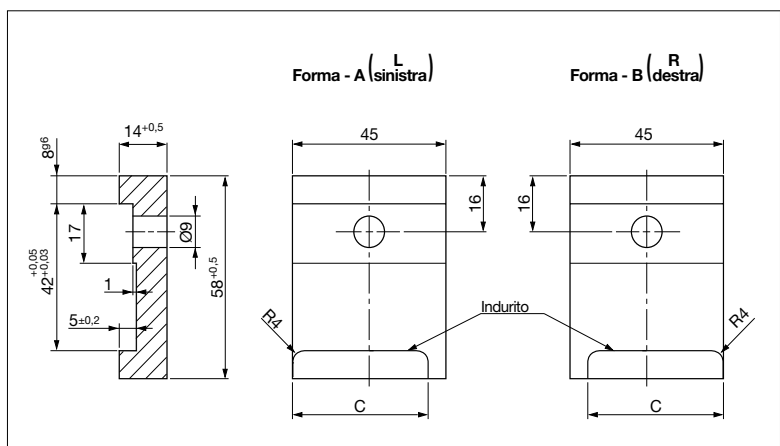
Viti non incluse.

ELEMENTI  
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**Clamp per ritorno meccanico di sicurezza per guide a "V"** *Positive return clamp for "V" Drivers*



| Codice           | Materiale            |
|------------------|----------------------|
| Cod. <b>A947</b> | Acciaio; HRC 40 ÷ 45 |

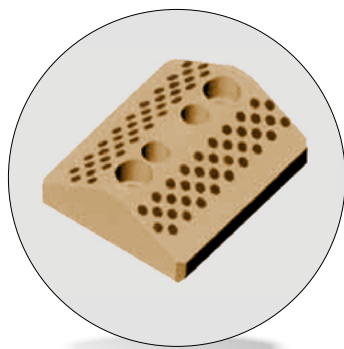


| Codice         | Forma | Posizione             |
|----------------|-------|-----------------------|
| A947-03-045-C  | A + B | Set sinistra + destra |
| A947-03-045L-C | A     | Solo sinistra         |
| A947-03-045R-C | B     | Solo destra           |

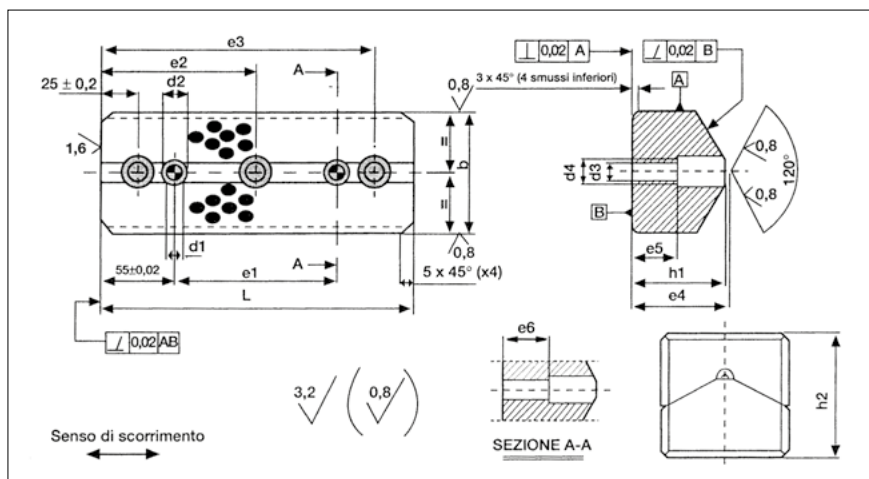
Esempio di ordinazione/Order example = A947-03-045-C (Codice)

C da indicare in fase di ordinazione.  
C indicate when ordering.

## Guide a "V" autolubrificanti VDI 3357 "V" driver self lubricating VDI 3357



| Codice            | Materiale                     |
|-------------------|-------------------------------|
| Cod. <b>A941A</b> | Bronzo + grafite;<br>HB ≥ 190 |

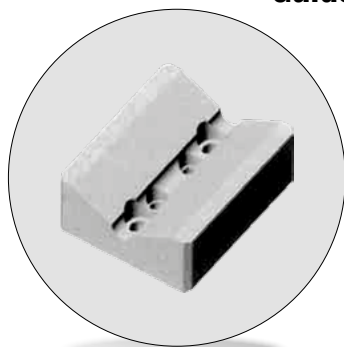


| L   | b   | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | e <sub>1</sub> | e <sub>2</sub> | e <sub>3</sub> | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | h <sub>1</sub> | h <sub>2</sub> | n° fori |
|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|
| 150 | 65  | 12             | 14             | 13,5           | 20             | 45             |                | 125            | 47             | 20             | 20             | 44             | 65             | 2       |
| 200 | 65  | 12             | 14             | 13,5           | 20             | 95             |                | 175            | 47             | 20             | 20             | 44             | 65             | 2       |
| 250 | 65  | 12             | 14             | 13,5           | 20             | 145            | 125            | 225            | 47             | 20             | 20             | 44             | 65             | 3       |
| 300 | 65  | 12             | 14             | 13,5           | 20             | 195            | 150            | 275            | 47             | 20             | 20             | 44             | 65             | 3       |
| 150 | 125 | 16             | 20             | 17,5           | 26             | 45             |                | 125            | 57             | 15             | 30             | 52             | 85             | 2       |
| 200 | 125 | 16             | 20             | 17,5           | 26             | 95             |                | 175            | 57             | 15             | 30             | 52             | 85             | 2       |
| 250 | 125 | 16             | 20             | 17,5           | 26             | 145            | 125            | 225            | 57             | 15             | 30             | 52             | 85             | 3       |
| 300 | 125 | 16             | 20             | 17,5           | 26             | 195            | 150            | 275            | 57             | 15             | 30             | 52             | 85             | 3       |

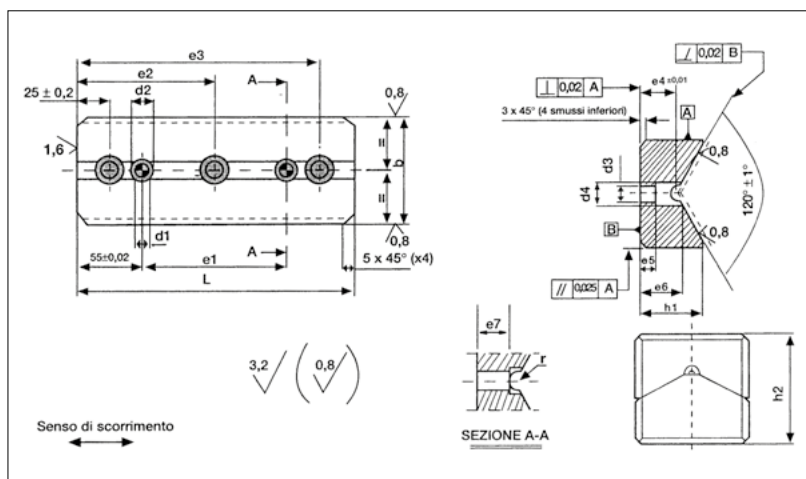
Esempio di ordinazione/Order example = A941A - 125x150 (cod + bxL)

**ORDINATIVO PER COPPIA / ORDER FOR SET**  
**A941A + B + bxL**

## Guide a "V" in acciaio VDI 3357 "V" driver steel VDI 3357



| Codice            | Materiale                       |
|-------------------|---------------------------------|
| Cod. <b>A941B</b> | Acciaio;<br>42CrMo4 (HRC 58-62) |



| L   | b   | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | e <sub>1</sub> | e <sub>2</sub> | e <sub>3</sub> | e <sub>4</sub> | e <sub>5</sub> | e <sub>6</sub> | h <sub>1</sub> | h <sub>2</sub> | r  | n° fori |
|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|---------|
| 150 | 65  | 12             | 14             | 13,5           | 20             | 45             |                | 125            | 18             | 8              | 22             | 35             | 65             | 7  | 2       |
| 200 | 65  | 12             | 14             | 13,5           | 20             | 95             |                | 175            | 18             | 8              | 22             | 35             | 65             | 7  | 2       |
| 250 | 65  | 12             | 14             | 13,5           | 20             | 145            | 125            | 225            | 18             | 8              | 22             | 35             | 65             | 7  | 3       |
| 300 | 65  | 12             | 14             | 13,5           | 20             | 195            | 150            | 275            | 18             | 8              | 22             | 35             | 65             | 7  | 3       |
| 150 | 125 | 16             | 20             | 17,5           | 26             | 45             |                | 125            | 28             | 15             | 34             | 60             | 85             | 10 | 2       |
| 200 | 125 | 16             | 20             | 17,5           | 26             | 95             |                | 175            | 28             | 15             | 34             | 60             | 85             | 10 | 2       |
| 250 | 125 | 16             | 20             | 17,5           | 26             | 145            | 125            | 225            | 28             | 15             | 34             | 60             | 85             | 10 | 3       |
| 300 | 125 | 16             | 20             | 17,5           | 26             | 195            | 150            | 275            | 28             | 15             | 34             | 60             | 85             | 10 | 3       |

Esempio di ordinazione/Order example = A941B - 125x150 (cod + bxL)

**ORDINATIVO PER COPPIA / ORDER FOR SET**  
**A941A + B + bxL**

ELEMENTI  
DI SCORRIMENTO

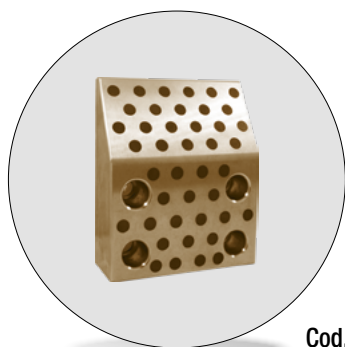


| Codice        | Codice        | Tipo     | t  | w   | l   | a   | b  |
|---------------|---------------|----------|----|-----|-----|-----|----|
| A925-10012530 | A926-10012530 | 10012530 | 30 | 100 | 125 | 60  | 50 |
| A925-10015045 | A926-10015045 | 10015045 | 45 | 100 | 150 | 60  | 45 |
| A925-10017060 | A926-10017060 | 10017060 | 60 | 100 | 170 | 60  | 45 |
| A925-12512530 | A926-12512530 | 12512530 | 30 | 125 | 125 | 85  | 50 |
| A925-12515045 | A926-12515045 | 12515045 | 45 | 125 | 150 | 85  | 45 |
| A925-12517060 | A926-12517060 | 12517060 | 60 | 125 | 170 | 85  | 45 |
| A925-16012530 | A926-16012530 | 16012530 | 30 | 160 | 125 | 120 | 50 |
| A925-16015045 | A926-16015045 | 16015045 | 45 | 160 | 150 | 120 | 45 |
| A925-16017060 | A926-16017060 | 16017060 | 60 | 160 | 170 | 120 | 45 |

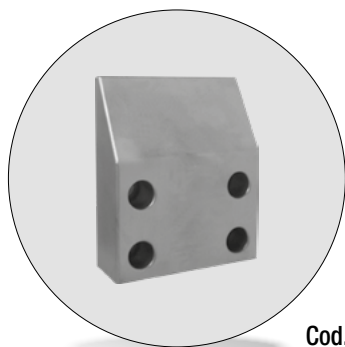
## ELEMENTI DI SCORRIMENTO

# Cunei autolubrificanti e in acciaio VDI 3357

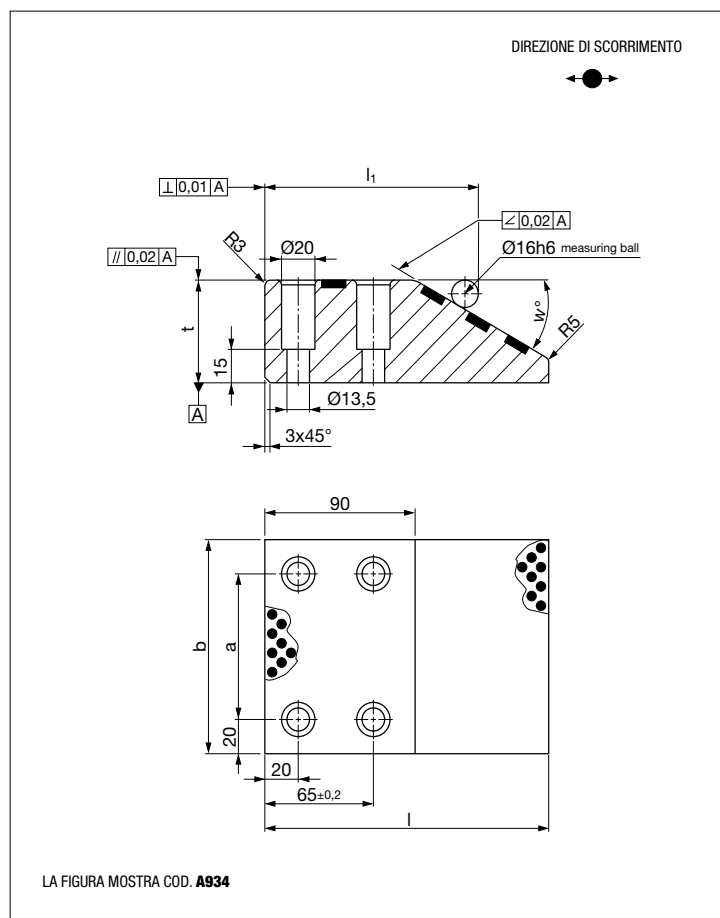
Cam dwell, self-lubricating and steel VDI 3357



Cod. **A934**



Cod. **A935**



| Codice           | Materiale               |
|------------------|-------------------------|
| Cod. <b>A934</b> | Bronzo + grafite HB≥190 |
| Cod. <b>A935</b> | X153CrMo12 HRC 60÷62    |

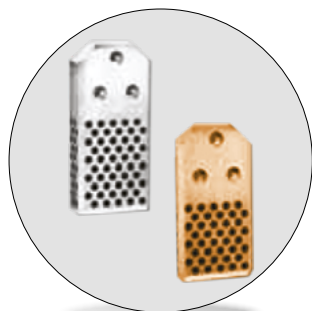
| Codice        | Codice        | Tipo     | a   | b   | l   | l1<br>±0,05 | t<br>±0,01 | w   |
|---------------|---------------|----------|-----|-----|-----|-------------|------------|-----|
| A934-10017045 | A935-10017045 | 10017045 | 60  | 100 | 170 | 143,37      | 45         | 20° |
| A934-12517045 | A935-12517045 | 12517045 | 85  | 125 | 170 | 143,37      | 45         | 20° |
| A934-15017045 | A935-15017045 | 15017045 | 110 | 150 | 170 | 143,37      | 45         | 20° |
| A934-20017045 | A935-20017045 | 20017045 | 160 | 200 | 170 | 143,37      | 45         | 20° |
| A934-10015045 | A935-10015045 | 10015045 | 60  | 100 | 150 | 127,86      | 45         | 30° |
| A934-10017060 | A935-10017060 | 10017060 | 60  | 100 | 170 | 127,86      | 60         | 30° |
| A934-12515045 | A935-12515045 | 12515045 | 85  | 125 | 150 | 127,86      | 45         | 30° |
| A934-12517060 | A935-12517060 | 12517060 | 85  | 125 | 170 | 127,86      | 60         | 30° |
| A934-15015045 | A935-15015045 | 15015045 | 110 | 150 | 150 | 127,86      | 45         | 30° |
| A934-15017060 | A935-15017060 | 15017060 | 110 | 150 | 170 | 127,86      | 60         | 30° |
| A934-20015045 | A935-20015045 | 20015045 | 160 | 200 | 150 | 127,86      | 45         | 30° |
| A934-20017060 | A935-20017060 | 20017060 | 160 | 200 | 170 | 127,86      | 60         | 30° |

Esempio di ordinazione/Order example = A934-10017045 (codice)

ELEMENTI  
DI SCORRIMENTO

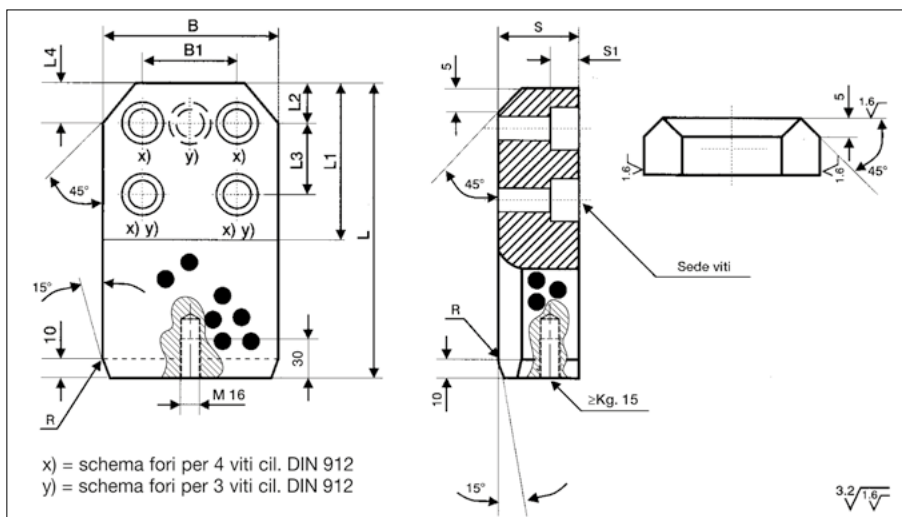
# Blocco guida autolubrificante in acciaio

Guide steel self-lubricating



|           |                              |
|-----------|------------------------------|
| Codice    | Cod. <b>A927</b>             |
| Materiale | CK45 + grafite<br>HRC: 58-60 |

|           |                   |
|-----------|-------------------|
| Codice    | Cod. <b>A928*</b> |
| Materiale | Bronzo + grafite  |



| B   | L   | S  | B1  | L1  | L2 | L3  | L4 | R    | S1   | sede vite Ø | n. viti |
|-----|-----|----|-----|-----|----|-----|----|------|------|-------------|---------|
| 63  | 180 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 63  | 200 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 63  | 224 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 63  | 180 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 63  | 200 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 63  | 224 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 180 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 200 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 224 | 25 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 180 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 200 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 71  | 224 | 36 | 36  | 90  | 20 | 50  | 18 | 16   | 16   | 14/20       | 3       |
| 90  | 200 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 90  | 224 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 90  | 250 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 90  | 200 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 90  | 224 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 90  | 250 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 200 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 224 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 250 | 36 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 200 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 224 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 112 | 250 | 45 | 50  | 100 | 20 | 50  | 28 | 25   | 21   | 18/26       | 3       |
| 140 | 315 | 45 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 140 | 355 | 45 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 140 | 400 | 45 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 140 | 315 | 56 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 140 | 400 | 56 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 315 | 45 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 400 | 45 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 315 | 56 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 400 | 56 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 315 | 71 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 190 | 400 | 71 | 90  | 150 | 40 | 80  | 36 | 31,5 | 25,5 | 22/33       | 4       |
| 240 | 500 | 56 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 240 | 630 | 56 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 240 | 500 | 71 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 240 | 630 | 71 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 240 | 500 | 90 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 240 | 630 | 90 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 500 | 56 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 630 | 56 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 500 | 71 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 630 | 71 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 500 | 90 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |
| 290 | 630 | 90 | 160 | 250 | 40 | 160 | 36 | 31,5 | 30,5 | 26/40       | 4       |

Esempio di ordinazione/Order example = A927 - 63x180x25 (cod.+BxLxS)

Dimensioni di facile reperibilità. Il resto su richiesta.

ELEMENTI  
DI SCORRIMENTO



INDEX