



 **ZENOBI** TOOLS  
PORTAINSERTI PER MECCANICA

## FILETTATURA



# FILETTATURA **C**

**UTENSILI PER INSERTI CON FORO** C3

**UTENSILI PER INSERTI SENZA FORO** C7

**A**

TORNITURA  
ESTERNA

**B**

TORNITURA  
INTERNA

**C**

FILETTATURA

**D**

TRONCATURA  
E SCANALATURA

**E**

CARTUCCE

**F**

FORATURA

**G**

BARENATURA  
REGOLABILE

**H**

FRESATURA



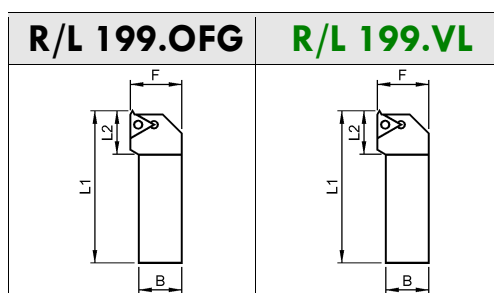
## INSERTO CON FORO

INSERTI **16E R/L** (Passo: 0.5-3 mm/32-8 TPI)

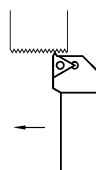
SPESSORE = 3.5 mm

**22E R/L** (Passo: 3.5-5 mm/7-5 TPI)

SPESSORE = 4.7 mm

**E R/L****FILETTATURA  
ESTERNA**

I DISEGNI RAPPRESENTANO UTENSILI DESTRI

Direzione di  
Avanzamento**BLOCCAGGIO A VITE • R 199.OFG • Inserto ER**

|    | CODICE D'ORDINE    | H  | H1 | B  | L1  | L2   | F  |      |      |     |     |     |     |  |
|----|--------------------|----|----|----|-----|------|----|------|------|-----|-----|-----|-----|--|
| 16 | R 199.OFG 1616 H16 | 16 | 16 | 16 | 100 | 21.6 | 20 | V35c | Tx15 | A6e | X01 | 3.5 | -   |  |
|    | R 199.OFG 2020 K16 | 20 | 20 | 20 | 125 | 21.6 | 25 |      |      |     |     |     |     |  |
|    | R 199.OFG 2525 M16 | 25 | 25 | 25 | 150 | 21.6 | 32 |      |      |     |     |     |     |  |
|    | R 199.OFG 3225 P16 | 32 | 32 | 25 | 170 | 21.6 | 32 |      |      |     |     |     |     |  |
| 22 | R 199.OFG 2525 M22 | 25 | 25 | 25 | 150 | 27   | 32 | V45  | Tx20 | E2e | X03 | -   | TP6 |  |
|    | R 199.OFG 3232 P22 | 32 | 32 | 32 | 170 | 27   | 40 |      |      |     |     |     |     |  |
|    | R 199.OFG 4040 S22 | 40 | 40 | 40 | 250 | 27   | 45 |      |      |     |     |     |     |  |

**BLOCCAGGIO A VITE • L 199.OFG • Inserto EL**

|    | CODICE D'ORDINE    | H  | H1 | B  | L1  | L2   | F  |      |      |     |     |     |     |  |
|----|--------------------|----|----|----|-----|------|----|------|------|-----|-----|-----|-----|--|
| 16 | L 199.OFG 1616 H16 | 16 | 16 | 16 | 100 | 21.6 | 20 | V35c | Tx15 | A6i | X01 | 3.5 | -   |  |
|    | L 199.OFG 2020 K16 | 20 | 20 | 20 | 125 | 21.6 | 25 |      |      |     |     |     |     |  |
|    | L 199.OFG 2525 M16 | 25 | 25 | 25 | 150 | 21.6 | 32 |      |      |     |     |     |     |  |
|    | L 199.OFG 3225 P16 | 32 | 32 | 25 | 170 | 21.6 | 32 |      |      |     |     |     |     |  |
| 22 | L 199.OFG 2525 M22 | 25 | 25 | 25 | 150 | 27   | 32 | V45  | Tx20 | E2i | X03 | -   | TP6 |  |
|    | L 199.OFG 3232 P22 | 32 | 32 | 32 | 170 | 27   | 40 |      |      |     |     |     |     |  |
|    | L 199.OFG 4040 S22 | 40 | 40 | 40 | 250 | 27   | 45 |      |      |     |     |     |     |  |

Gli utensili R/L 199. OFG.. prodotti dal 2018 sono predisposti anche per il bloccaggio a staffa (utilizzabili con la staffa S30 disponibile su ordinazione)

**V-BLOCK SYSTEM • R 199.VL • Inserto ER**

VL-BLOCK SYSTEM è un prodotto brevettato

|    | CODICE D'ORDINE   | H  | H1 | B  | L1  | L2   | F  |     |      |      |     |     |      |  |
|----|-------------------|----|----|----|-----|------|----|-----|------|------|-----|-----|------|--|
| 16 | R 199.VL 1616 H16 | 16 | 16 | 16 | 100 | 21.6 | 20 | A6e | VL39 | LE4  | D31 | VS4 | Tx10 |  |
|    | R 199.VL 2020 K16 | 20 | 20 | 20 | 125 | 21.6 | 25 |     |      |      |     |     |      |  |
|    | R 199.VL 2525 M16 | 25 | 25 | 25 | 150 | 21.6 | 32 |     |      |      |     |     |      |  |
|    | R 199.VL 3225 P16 | 32 | 32 | 25 | 170 | 21.6 | 32 |     |      |      |     |     |      |  |
| 22 | R 199.VL 2525 M22 | 25 | 25 | 25 | 150 | 27   | 32 | E2e | VL46 | LE45 | D11 | VS4 | Tx15 |  |
|    | R 199.VL 3232 P22 | 32 | 32 | 32 | 170 | 27   | 40 |     |      |      |     |     |      |  |
|    | R 199.VL 4040 S22 | 40 | 40 | 40 | 250 | 27   | 45 |     |      |      |     |     |      |  |

**V-BLOCK SYSTEM • L 199.VL • Inserto EL**

VL-BLOCK SYSTEM è un prodotto brevettato

|    | CODICE D'ORDINE   | H  | H1 | B  | L1  | L2   | F  |     |      |      |     |     |   |  |
|----|-------------------|----|----|----|-----|------|----|-----|------|------|-----|-----|---|--|
| 16 | L 199.VL 1616 H16 | 16 | 16 | 16 | 100 | 21.6 | 20 | A6i | VL39 | LE4  | D31 | VS4 | 2 |  |
|    | L 199.VL 2020 K16 | 20 | 20 | 20 | 125 | 21.6 | 25 |     |      |      |     |     |   |  |
|    | L 199.VL 2525 M16 | 25 | 25 | 25 | 150 | 21.6 | 32 |     |      |      |     |     |   |  |
|    | L 199.VL 3225 P16 | 32 | 32 | 25 | 170 | 21.6 | 32 |     |      |      |     |     |   |  |
| 22 | L 199.VL 2525 M22 | 25 | 25 | 25 | 150 | 27   | 32 | E2i | VL46 | LE45 | D11 | VS4 | 2 |  |
|    | L 199.VL 3232 P22 | 32 | 32 | 32 | 170 | 27   | 40 |     |      |      |     |     |   |  |
|    | L 199.VL 4040 S22 | 40 | 40 | 40 | 250 | 27   | 45 |     |      |      |     |     |   |  |

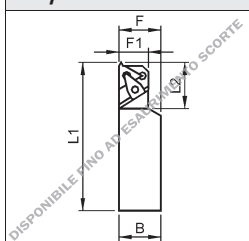
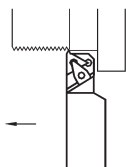
## INSERTO CON FORO

INSERTI **16E R/L** (Passo: 0.5-3 mm/32-8 TPI)

SPESSORE = 3.5 mm

**22E R/L** (Passo: 3.5-5 mm/7-5 TPI)

SPESSORE = 4.7 mm

**E R/L****FILETTATURA  
ESTERNA****R/L 133.OFG**Direzione di  
Avanzamento

I DISEGNI RAPPRESENTANO UTENSILI DESTRI

**BLOCCAGGIO A STAFFA CON PERNO • R 133.OFG • Inserto ER**

|    | CODICE D'ORDINE    | H/H1 | B  | L1  | L2 | F    | F1 |     |      |     |     |     |     |
|----|--------------------|------|----|-----|----|------|----|-----|------|-----|-----|-----|-----|
| 16 | R 133.OFG 1616 H16 | 16   | 16 | 100 | -  | 19   | 19 | S30 | Tx15 | A6e | X01 | 3.5 | -   |
|    | R 133.OFG 2020 K16 | 20   | 20 | 125 | 25 | 20.5 | 19 |     |      |     |     |     |     |
|    | R 133.OFG 2525 M16 | 25   | 25 | 150 | 30 | 25.5 | 19 |     |      |     |     |     |     |
|    | R 133.OFG 3225 P16 | 32   | 25 | 170 | 30 | 25.5 | 19 |     |      |     |     |     |     |
| 22 | R 133.OFG 2525 M22 | 25   | 25 | 150 | 30 | 26   | 22 | S30 | Tx15 | E2e | X03 | -   | TP6 |
|    | R 133.OFG 3232 P22 | 32   | 32 | 170 | 30 | 33   | 22 |     |      |     |     |     |     |
|    | R 133.OFG 4040 S22 | 40   | 40 | 250 | 35 | 41   | 22 |     |      |     |     |     |     |

**BLOCCAGGIO A STAFFA CON PERNO • L 133.OFG • Inserto EL**

|    | CODICE D'ORDINE    | H/H1 | B  | L1  | L2 | F    | F1 |     |      |     |     |     |     |
|----|--------------------|------|----|-----|----|------|----|-----|------|-----|-----|-----|-----|
| 16 | L 133.OFG 1616 H16 | 16   | 16 | 100 | -  | 19   | 19 | S30 | Tx15 | A6i | X01 | 3.5 | -   |
|    | L 133.OFG 2020 K16 | 20   | 20 | 125 | 25 | 20.5 | 19 |     |      |     |     |     |     |
|    | L 133.OFG 2525 M16 | 25   | 25 | 150 | 30 | 25.5 | 19 |     |      |     |     |     |     |
|    | L 133.OFG 3225 P16 | 32   | 25 | 170 | 30 | 25.5 | 19 |     |      |     |     |     |     |
| 22 | L 133.OFG 2525 M22 | 25   | 25 | 150 | 30 | 26   | 22 | S30 | Tx15 | E2i | X03 | -   | TP6 |
|    | L 133.OFG 3232 P22 | 32   | 32 | 170 | 30 | 33   | 22 |     |      |     |     |     |     |
|    | L 133.OFG 4040 S22 | 40   | 40 | 250 | 35 | 41   | 22 |     |      |     |     |     |     |

## INSERTO CON FORO

**I R/L**

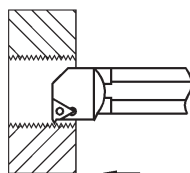
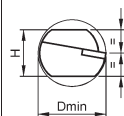
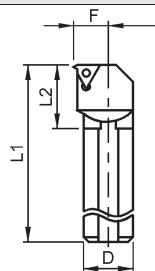
INSERTI **08I R/L** (Passo: 0.5-1.5 mm)  
**11I R/L** (Passo: 0.5-2 mm/32-14 TPI)  
**16I R/L** (Passo: 0.5-3 mm/32-8 TPI)  
**22I R/L** (Passo: 3.5-5 mm/7-5 TPI)

SPESSORE = 2.0 mm

SPESSORE = 3.0 mm

SPESSORE = 3.5 mm

SPESSORE = 4.7 mm

**FILETTATURA  
INTERNA****R/L 199.OKF**Direzione di  
Avanzamento

I DISEGNI RAPPRESENTANO UTENSILI DESTRI

**BLOCCAGGIO A VITE • R 199.OKF • Inserto IR**

|  | CODICE D'ORDINE   | D  | H  | L1  | L2 | F    | Dmin |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-------------------|----|----|-----|----|------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 08                                                                                | R 199.OKF 0716 08 | 16 | 15 | 125 | 18 | 4.6  | 7.8  | V22                                                                               | Tx7                                                                               | -                                                                                 | -                                                                                 | -                                                                                 |                                                                                   |
| 11                                                                                | R 199.OKF 1020 11 | 20 | 18 | 140 | 30 | 6.5  | 13   | V28                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 1220 11 | 20 | 18 | 140 | 30 | 7.5  | 15   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 16                                                                                | R 199.OKF 1620 16 | 20 | 18 | 160 | 42 | 10.2 | 20   | V35c                                                                              | Tx15                                                                              | A6i                                                                               | X01                                                                               | 3.5                                                                               | -                                                                                 |
|                                                                                   | R 199.OKF 20 16   | 20 | 18 | 200 | 42 | 14   | 25   | V35c                                                                              | Tx15                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 25 16   | 25 | 23 | 250 | 45 | 17   | 32   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 32 16   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 40 16   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 22                                                                                | R 199.OKF 20 22   | 20 | 18 | 200 | 42 | 14   | 25   | V45                                                                               | Tx20                                                                              | -                                                                                 | -                                                                                 | -                                                                                 |                                                                                   |
|                                                                                   | R 199.OKF 25 22   | 25 | 23 | 250 | 45 | 17   | 32   | V45                                                                               | Tx20                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 32 22   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | R 199.OKF 40 22   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |

**UTENSILI FORATI • BLOCCAGGIO A VITE • AR 199.OKF • Inserto IR**

|  | CODICE D'ORDINE    | D  | H  | L1  | L2 | F    | Dmin |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|--------------------|----|----|-----|----|------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 08                                                                                | AR 199.OKF 0716 08 | 16 | 15 | 125 | 18 | 4.6  | 7.8  | V22                                                                               | Tx7                                                                               | -                                                                                 | -                                                                                 | -                                                                                 |                                                                                   |                                                                                   |
| 11                                                                                | AR 199.OKF 1020 11 | 20 | 18 | 140 | 30 | 6.5  | 13   | V28                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 1220 11 | 20 | 18 | 140 | 30 | 7.5  | 15   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 16                                                                                | AR 199.OKF 1620 16 | 20 | 18 | 160 | 42 | 10.2 | 20   | V35c                                                                              | Tx15                                                                              | A6i                                                                               | X01                                                                               | 3.5                                                                               |                                                                                   | -                                                                                 |
|                                                                                   | AR 199.OKF 20 16   | 20 | 18 | 180 | 42 | 14   | 25   | V35c                                                                              | Tx15                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 25 16   | 25 | 23 | 200 | 45 | 17   | 32   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 32 16   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 40 16   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 22                                                                                | AR 199.OKF 20 22   | 20 | 18 | 180 | 42 | 14   | 25   | V45                                                                               | Tx20                                                                              | -                                                                                 | -                                                                                 | -                                                                                 |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 25 22   | 25 | 23 | 200 | 45 | 17   | 32   | V45                                                                               | Tx20                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 32 22   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                                                                                   | AR 199.OKF 40 22   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |

**BLOCCAGGIO A VITE • L 199.OKF • Inserto IL**

|  | CODICE D'ORDINE   | D  | H  | L1  | L2 | F    | Dmin |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------|----|----|-----|----|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 08                                                                                  | L 199.OKF 0716 08 | 16 | 15 | 125 | 18 | 4.6  | 7.8  | V22                                                                                 | Tx7                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |                                                                                     |                                                                                     |
| 11                                                                                  | L 199.OKF 1020 11 | 20 | 18 | 140 | 30 | 6.5  | 13   | V28                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 1220 11 | 20 | 18 | 140 | 30 | 7.5  | 15   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 16                                                                                  | L 199.OKF 1620 16 | 20 | 18 | 160 | 42 | 10.2 | 20   | V35c                                                                                | Tx15                                                                                | A6e                                                                                 | X01                                                                                 | 3.5                                                                                 |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 20 16   | 20 | 18 | 200 | 42 | 14   | 25   | V35c                                                                                | Tx15                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 25 16   | 25 | 23 | 250 | 45 | 17   | 32   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 32 16   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 40 16   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 22                                                                                  | L 199.OKF 20 22   | 20 | 18 | 200 | 42 | 14   | 25   | V45                                                                                 | Tx20                                                                                | -                                                                                   | -                                                                                   | -                                                                                   |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 25 22   | 25 | 23 | 250 | 45 | 17   | 32   | V45                                                                                 | Tx20                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 32 22   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | L 199.OKF 40 22   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

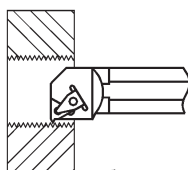
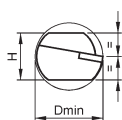
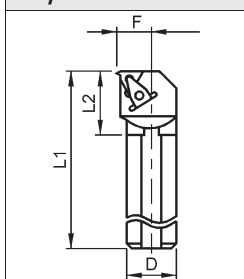
**UTENSILI FORATI • BLOCCAGGIO A VITE • AL 199.OKF • Inserto IL**

|  | CODICE D'ORDINE    | D  | H  | L1  | L2 | F    | Dmin |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--------------------|----|----|-----|----|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 08                                                                                  | AL 199.OKF 0716 08 | 16 | 15 | 125 | 18 | 4.6  | 7.8  | V22                                                                                 | Tx7                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |                                                                                     |
| 11                                                                                  | AL 199.OKF 1020 11 | 20 | 18 | 140 | 30 | 6.5  | 13   | V28                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 1220 11 | 20 | 18 | 140 | 30 | 7.5  | 15   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 16                                                                                  | AL 199.OKF 1620 16 | 20 | 18 | 160 | 42 | 10.2 | 20   | V35c                                                                                | Tx15                                                                                | A6e                                                                                 | X01                                                                                 | 3.5                                                                                 | -                                                                                   |
|                                                                                     | AL 199.OKF 20 16   | 20 | 18 | 180 | 42 | 14   | 25   | V35c                                                                                | Tx15                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 25 16   | 25 | 23 | 200 | 45 | 17   | 32   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 32 16   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 40 16   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 22                                                                                  | AL 199.OKF 20 22   | 20 | 18 | 180 | 42 | 14   | 25   | V45                                                                                 | Tx20                                                                                | -                                                                                   | -                                                                                   | -                                                                                   |                                                                                     |
|                                                                                     | AL 199.OKF 25 22   | 25 | 23 | 200 | 45 | 17   | 32   | V45                                                                                 | Tx20                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 32 22   | 32 | 30 | 250 | 49 | 22   | 40   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                     | AL 199.OKF 40 22   | 40 | 37 | 300 | 46 | 27   | 50   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

**INSERTO CON FORO**

 INSERTI **16I R/L** (Passo: 0.5-3 mm/32-8 TPI)  
**22I R/L** (Passo: 3.5-5 mm/7-5 TPI)

 SPESSORE = 3.5 mm  
 SPESSORE = 4.7 mm

**FILETTATURA  
INTERNA**
**R/L 133.OKF**

 Direzione di  
Avanzamento

I DISEGNI RAPPRESENTANO UTENSILI DESTRI

**BLOCCAGGIO A STAFFA CON PERNO • R 133.OKF • Inserto IR**

|    |  | CODICE D'ORDINE | D  | H  | L1  | L2 | F  | Dmin |     |      |     |     |     |     |
|----|--|-----------------|----|----|-----|----|----|------|-----|------|-----|-----|-----|-----|
| 16 |  | R 133.OKF 25 16 | 25 | 23 | 250 | 45 | 17 | 32   | S30 | Tx15 | A6i | X01 | 3.5 | -   |
|    |  | R 133.OKF 32 16 | 32 | 30 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | R 133.OKF 40 16 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |
| 22 |  | R 133.OKF 25 22 | 25 | 23 | 250 | 45 | 17 | 32   | S30 | Tx15 | E2i | X03 | -   | TP6 |
|    |  | R 133.OKF 32 22 | 32 | 23 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | R 133.OKF 40 22 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |

**BLOCCAGGIO A STAFFA CON PERNO • L 133.OKF • Inserto IL**

|    |  | CODICE D'ORDINE | D  | H  | L1  | L2 | F  | Dmin |     |      |     |     |     |     |
|----|--|-----------------|----|----|-----|----|----|------|-----|------|-----|-----|-----|-----|
| 16 |  | L 133.OKF 25 16 | 25 | 23 | 250 | 45 | 17 | 32   | S30 | Tx15 | A6e | X01 | 3.5 | -   |
|    |  | L 133.OKF 32 16 | 32 | 30 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | L 133.OKF 40 16 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |
| 22 |  | L 133.OKF 25 22 | 25 | 23 | 250 | 45 | 17 | 32   | S30 | Tx15 | E2e | X03 | -   | TP6 |
|    |  | L 133.OKF 32 22 | 32 | 23 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | L 133.OKF 40 22 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |

**UTENSILI FORATI • BLOCCAGGIO A STAFFA CON PERNO • AR 133.OKF • Inserto IR**

|    |  | CODICE D'ORDINE  | D  | H  | L1  | L2 | F  | Dmin |     |      |     |     |     |     |
|----|--|------------------|----|----|-----|----|----|------|-----|------|-----|-----|-----|-----|
| 16 |  | AR 133.OKF 25 16 | 25 | 23 | 200 | 45 | 17 | 32   | S30 | Tx15 | A6i | X01 | 3.5 | -   |
|    |  | AR 133.OKF 32 16 | 32 | 30 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | AR 133.OKF 40 16 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |
| 22 |  | AR 133.OKF 25 22 | 25 | 23 | 200 | 45 | 17 | 32   | S30 | Tx15 | E2i | X03 | -   | TP6 |
|    |  | AR 133.OKF 32 22 | 32 | 23 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | AR 133.OKF 40 22 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |

**UTENSILI FORATI • BLOCCAGGIO A STAFFA CON PERNO • AL 133.OKF • Inserto IL**

|    |  | CODICE D'ORDINE  | D  | H  | L1  | L2 | F  | Dmin |     |      |     |     |     |     |
|----|--|------------------|----|----|-----|----|----|------|-----|------|-----|-----|-----|-----|
| 16 |  | AL 133.OKF 25 16 | 25 | 23 | 200 | 45 | 17 | 32   | S30 | Tx15 | A6e | X01 | 3.5 | -   |
|    |  | AL 133.OKF 32 16 | 32 | 30 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | AL 133.OKF 40 16 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |
| 22 |  | AL 133.OKF 25 22 | 25 | 23 | 200 | 45 | 17 | 32   | S30 | Tx15 | E2e | X03 | -   | TP6 |
|    |  | AL 133.OKF 32 22 | 32 | 23 | 250 | 49 | 22 | 40   |     |      |     |     |     |     |
|    |  | AL 133.OKF 40 22 | 40 | 37 | 300 | 46 | 27 | 50   |     |      |     |     |     |     |

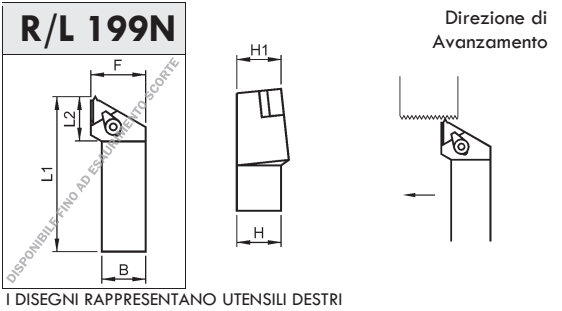
INSERTO SENZA FORO

INSERTI 166R/L G-16

(Passo:0.5-3 mm / 32-8 TPI)

166\_G

FILETTATURA  
ESTERNA



BLOCCAGGIO A STAFFA • R/L 199N

|    |  | CODICE D'ORDINE    | H  | H1 | B  | L1  | L2   | F  |    |   |
|----|--|--------------------|----|----|----|-----|------|----|----|---|
| 16 |  | R/L 199N 2020M 310 | 20 | 20 | 20 | 125 | 29.6 | 25 | 06 | 3 |
|    |  | R/L 199N 2525M 310 | 25 | 25 | 25 | 150 | 29.6 | 32 |    |   |
|    |  | R/L 199N 3225M 310 | 32 | 32 | 25 | 170 | 29.6 | 32 |    |   |

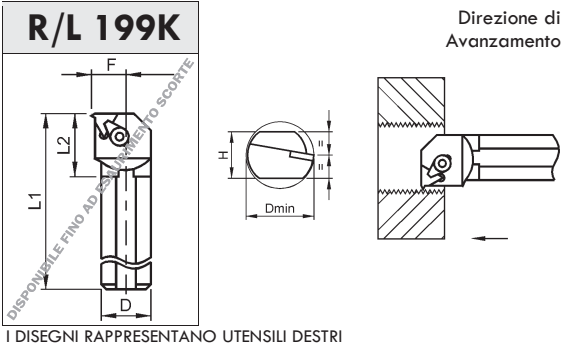
INSERTO SENZA FORO

INSERTI 166R/L L-16

(Passo:0.5-3 mm / 32-8 TPI)

166\_L

FILETTATURA  
INTERNA



BLOCCAGGIO A STAFFA • R/L 199K

|    |  | CODICE D'ORDINE | D  | H  | L1  | L2 | F    | Dmin |    |   |
|----|--|-----------------|----|----|-----|----|------|------|----|---|
| 16 |  | R/L 199K 16 310 | 16 | 14 | 200 | 35 | 11.5 | 20   | 06 | 3 |
|    |  | R/L 199K 25 310 | 25 | 23 | 300 | 43 | 17.2 | 30   |    |   |





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