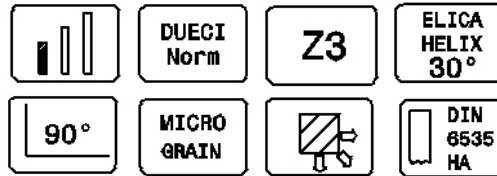
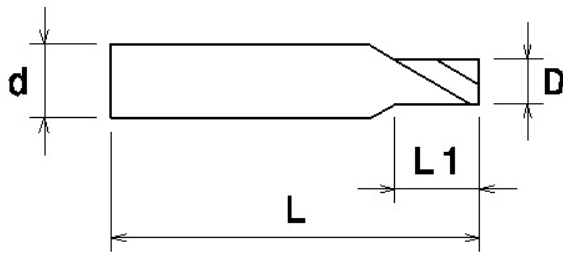
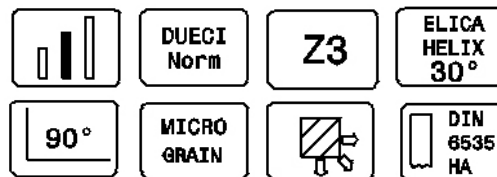
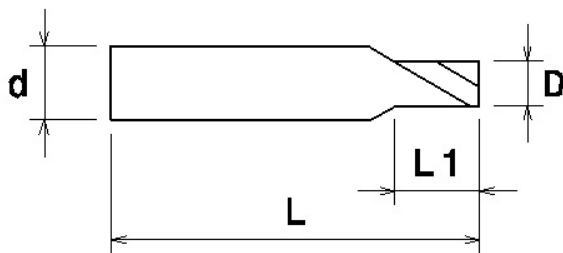


## Frese Z3 gambo rinforzato taglio al centro

*Reinforced shank carbide end mills 3 flutes center cutting*



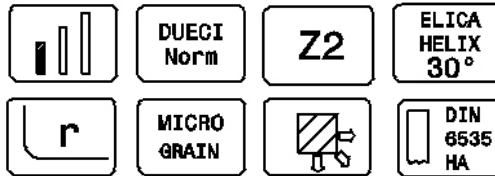
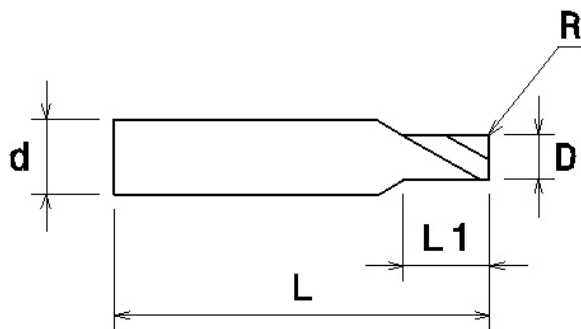
| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | Cod.   | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|--------|------------|---------|------------|
| 2                | 4  | 38 | 6               | 3 | 503002 | 12,80      | 17,40   | 18,30      |
| 3                | 5  | 38 | 6               | 3 | 503003 | 12,80      | 17,40   | 18,30      |
| 4                | 7  | 38 | 6               | 3 | 503004 | 12,80      | 17,40   | 18,30      |
| 5                | 8  | 38 | 6               | 3 | 503005 | 11,80      | 16,40   | 17,30      |
| 6                | 8  | 38 | 6               | 3 | 503006 | 11,80      | 16,40   | 17,30      |



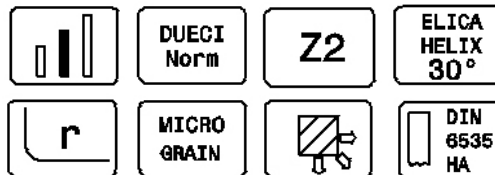
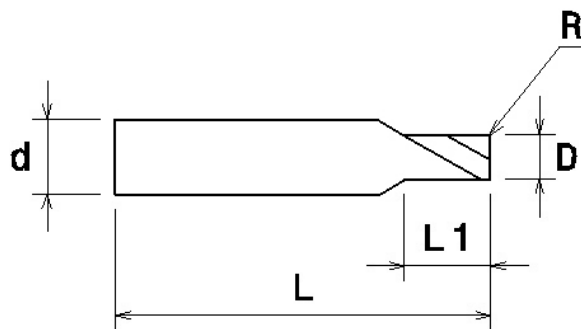
| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | Cod.    | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|---------|------------|---------|------------|
| 2                | 6  | 60 | 6               | 3 | 503002L | 15,60      | 20,20   | 21,30      |
| 3                | 8  | 60 | 6               | 3 | 503003L | 15,60      | 20,20   | 21,30      |
| 4                | 10 | 60 | 6               | 3 | 503004L | 15,60      | 20,20   | 21,30      |
| 5                | 12 | 60 | 6               | 3 | 503005L | 16,60      | 21,20   | 22,30      |
| 6                | 12 | 60 | 6               | 3 | 503006L | 16,60      | 21,20   | 22,30      |

## Frese Z2 toriche gambo rinforzato taglio al centro

*Reinforced shank carbide end mills 2 flutes center cutting*



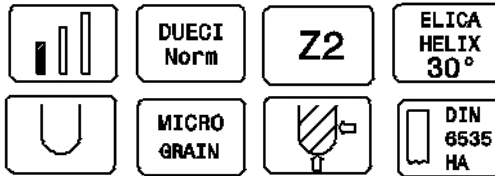
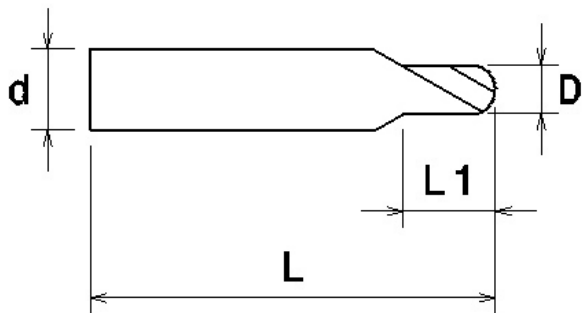
| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | R   | Cod.          | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|-----|---------------|------------|---------|------------|
| 2                | 4  | 38 | 6               | 2 | 0,5 | <b>523002</b> | 15,40      | 20,00   | 21,00      |
| 3                | 5  | 38 | 6               | 2 | 0,5 | <b>523003</b> | 15,40      | 20,00   | 21,00      |
| 4                | 7  | 38 | 6               | 2 | 0,5 | <b>523004</b> | 15,40      | 20,00   | 21,00      |
| 5                | 8  | 38 | 6               | 2 | 0,5 | <b>523005</b> | 14,80      | 19,40   | 20,40      |
| 6                | 8  | 38 | 6               | 2 | 1   | <b>523006</b> | 14,80      | 19,40   | 20,40      |



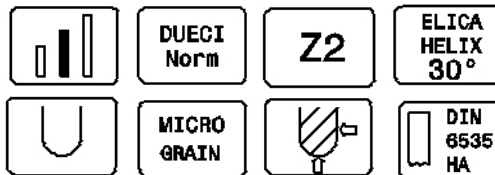
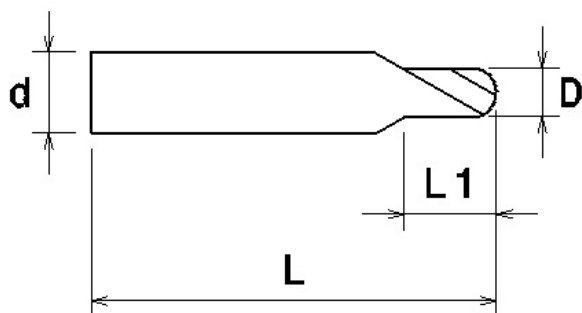
| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | R   | Cod.           | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|-----|----------------|------------|---------|------------|
| 2                | 6  | 60 | 6               | 2 | 0,5 | <b>523002L</b> | 18,20      | 22,80   | 24,00      |
| 3                | 8  | 60 | 6               | 2 | 0,5 | <b>523003L</b> | 18,20      | 22,80   | 24,00      |
| 4                | 10 | 60 | 6               | 2 | 0,5 | <b>523004L</b> | 18,20      | 22,80   | 24,00      |
| 5                | 12 | 60 | 6               | 2 | 0,5 | <b>523005L</b> | 20,60      | 25,20   | 26,50      |
| 6                | 12 | 60 | 6               | 2 | 1   | <b>523006L</b> | 20,60      | 25,20   | 26,50      |

Frese Z2 raggiate gambo rinforzato taglio al centro

*Reinforced shank carbide ball nose end mills 2 flutes center cutting*



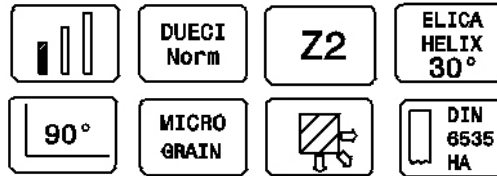
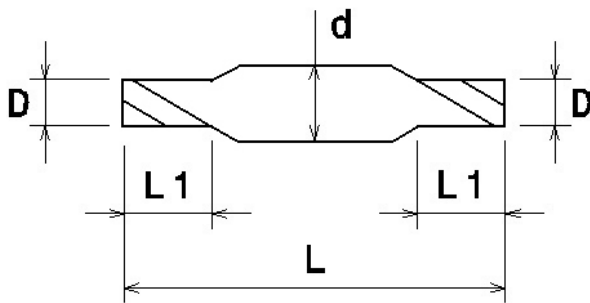
| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | Cod.          | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|---------------|------------|---------|------------|
| 2                | 4  | 38 | 6               | 2 | <b>513002</b> | 15,40      | 20,00   | 21,00      |
| 3                | 5  | 38 | 6               | 2 | <b>513003</b> | 15,40      | 20,00   | 21,00      |
| 4                | 7  | 38 | 6               | 2 | <b>513004</b> | 15,40      | 20,00   | 21,00      |
| 5                | 8  | 38 | 6               | 2 | <b>513005</b> | 14,80      | 19,40   | 20,40      |
| 6                | 8  | 38 | 6               | 2 | <b>513006</b> | 14,80      | 19,40   | 20,40      |



| D <sub>h10</sub> | L1 | L  | d <sub>h6</sub> | Z | Cod.           | € uncoated | € Tialn | € TopTialn |
|------------------|----|----|-----------------|---|----------------|------------|---------|------------|
| 2                | 6  | 60 | 6               | 2 | <b>513002L</b> | 18,20      | 22,80   | 24,00      |
| 3                | 8  | 60 | 6               | 2 | <b>513003L</b> | 18,20      | 22,80   | 24,00      |
| 4                | 10 | 60 | 6               | 2 | <b>513004L</b> | 18,20      | 22,80   | 24,00      |
| 5                | 12 | 60 | 6               | 2 | <b>513005L</b> | 20,60      | 25,20   | 26,50      |
| 6                | 12 | 60 | 6               | 2 | <b>513006L</b> | 20,60      | 25,20   | 26,50      |

Frese Z2 / Z4 gambo rinforzato doppie taglio al centro

Reinforced shank double end mills 2/4 flutes center cutting



| D<br>h10 | L1 | L  | d<br>h6 | Z | Cod.            | €<br>uncoated | €<br>Tialn | €<br>TopTialn |
|----------|----|----|---------|---|-----------------|---------------|------------|---------------|
| 1        | 2  | 38 | 3       | 2 | <b>D213001</b>  | 13,00         | 16,00      | 16,80         |
| 1,5      | 3  | 38 | 3       | 2 | <b>D2130015</b> | 13,00         | 16,00      | 16,80         |
| 2        | 4  | 38 | 3       | 2 | <b>D213002</b>  | 12,00         | 15,00      | 15,80         |
| 2,5      | 5  | 38 | 3       | 2 | <b>D2130025</b> | 12,00         | 15,00      | 15,80         |
| 3        | 6  | 38 | 3       | 2 | <b>D213003</b>  | 11,00         | 14,00      | 14,70         |
| 3,5      | 7  | 50 | 4       | 2 | <b>D2130035</b> | 15,00         | 18,00      | 18,90         |
| 4        | 8  | 50 | 4       | 2 | <b>D213004</b>  | 14,00         | 17,00      | 17,90         |
| 5        | 10 | 63 | 5       | 2 | <b>D213005</b>  | 17,00         | 21,50      | 22,60         |
| 6        | 12 | 63 | 6       | 2 | <b>D213006</b>  | 21,00         | 25,00      | 26,30         |
| 8        | 12 | 63 | 8       | 2 | <b>D213008</b>  | 27,00         | 32,00      | 33,60         |
| 10       | 14 | 75 | 10      | 2 | <b>D213010</b>  | 40,00         | 46,00      | 48,30         |
| 12       | 16 | 75 | 12      | 2 | <b>D213012</b>  | 51,00         | 58,00      | 60,90         |

**Z4**

| D<br>h10 | L1 | L  | d<br>h6 | Z | Cod.            | €<br>uncoated | €<br>Tialn | €<br>TopTialn |
|----------|----|----|---------|---|-----------------|---------------|------------|---------------|
| 1        | 2  | 38 | 3       | 4 | <b>D253001</b>  | 13,00         | 16,00      | 16,80         |
| 1,5      | 3  | 38 | 3       | 4 | <b>D2530015</b> | 13,00         | 16,00      | 16,80         |
| 2        | 4  | 38 | 3       | 4 | <b>D253002</b>  | 12,00         | 15,00      | 15,80         |
| 2,5      | 5  | 38 | 3       | 4 | <b>D2530025</b> | 12,00         | 15,00      | 15,80         |
| 3        | 6  | 38 | 3       | 4 | <b>D253003</b>  | 11,00         | 14,00      | 14,70         |
| 3,5      | 7  | 50 | 4       | 4 | <b>D2530035</b> | 15,00         | 18,00      | 18,90         |
| 4        | 8  | 50 | 4       | 4 | <b>D253004</b>  | 14,00         | 17,00      | 17,90         |
| 5        | 10 | 63 | 5       | 4 | <b>D253005</b>  | 17,00         | 21,50      | 22,60         |
| 6        | 12 | 63 | 6       | 4 | <b>D253006</b>  | 21,00         | 25,00      | 26,30         |
| 8        | 12 | 63 | 8       | 4 | <b>D253008</b>  | 27,00         | 32,00      | 33,60         |
| 10       | 14 | 75 | 10      | 4 | <b>D253010</b>  | 40,00         | 46,00      | 48,30         |
| 12       | 16 | 75 | 12      | 4 | <b>D253012</b>  | 51,00         | 58,00      | 60,90         |