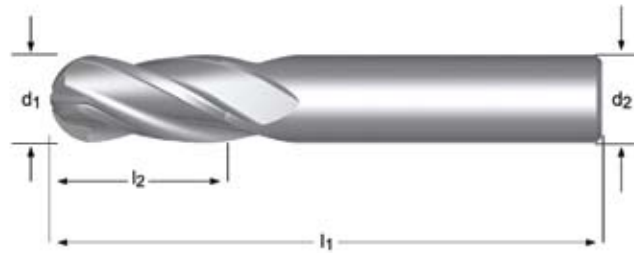


# S510 / S511



- 球头立铣刀
- Fraises de finition bout hémisphérique
- Radius - Kopierfräser
- Fresa Topo Esférico
- Fresas con punta esferica
- Ball-Nosed End Mill

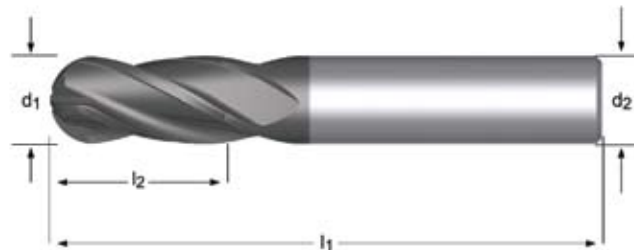


## S510



- 4.1 4.2 4.3 7.3 7.4
- 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 8.1 8.2 8.3

| d <sub>1</sub><br>Ø | d <sub>2</sub><br>Ø | l <sub>2</sub> | l <sub>1</sub> | z | r<br>± | e-Code  | d <sub>1</sub><br>Ø | d <sub>2</sub><br>Ø | l <sub>2</sub> | l <sub>1</sub> | z | r<br>± | e-Code   |
|---------------------|---------------------|----------------|----------------|---|--------|---------|---------------------|---------------------|----------------|----------------|---|--------|----------|
| 3.00                | 6                   | 8              | 80             | 4 | 1.50   | S5103.0 | 8.00                | 8                   | 19             | 100            | 4 | 4.00   | S5108.0  |
| 4.00                | 6                   | 11             | 80             | 4 | 2.00   | S5104.0 | 10.00               | 10                  | 22             | 100            | 4 | 5.00   | S51010.0 |
| 5.00                | 6                   | 13             | 80             | 4 | 2.50   | S5105.0 | 12.00               | 12                  | 26             | 100            | 4 | 6.00   | S51012.0 |
| 6.00                | 6                   | 13             | 80             | 4 | 3.00   | S5106.0 | 16.00               | 16                  | 32             | 100            | 4 | 8.00   | S51016.0 |



## S511



- 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.3
- 7.4 8.2 8.3 9.1
- 1.7 6.1 6.2 6.3 6.4 7.1 7.2 8.1

| d <sub>1</sub><br>Ø | d <sub>2</sub><br>Ø | l <sub>2</sub> | l <sub>1</sub> | z | R    | e-Code  | d <sub>1</sub><br>Ø | d <sub>2</sub><br>Ø | l <sub>2</sub> | l <sub>1</sub> | z | R    | e-Code   |
|---------------------|---------------------|----------------|----------------|---|------|---------|---------------------|---------------------|----------------|----------------|---|------|----------|
| 3.00                | 6                   | 8              | 80             | 4 | 1.50 | S5113.0 | 9.00                | 10                  | 19             | 100            | 4 | 4.50 | S5119.0  |
| 4.00                | 6                   | 11             | 80             | 4 | 2.00 | S5114.0 | 10.00               | 10                  | 22             | 100            | 4 | 5.00 | S51110.0 |
| 5.00                | 6                   | 13             | 80             | 4 | 2.50 | S5115.0 | 12.00               | 12                  | 26             | 100            | 4 | 6.00 | S51112.0 |
| 6.00                | 6                   | 13             | 80             | 4 | 3.00 | S5116.0 | 16.00               | 16                  | 32             | 100            | 4 | 8.00 | S51116.0 |
| 7.00                | 8                   | 16             | 100            | 4 | 3.50 | S5117.0 |                     |                     |                |                |   |      |          |
| 8.00                | 8                   | 19             | 100            | 4 | 4.00 | S5118.0 |                     |                     |                |                |   |      |          |