

## SUS-2R

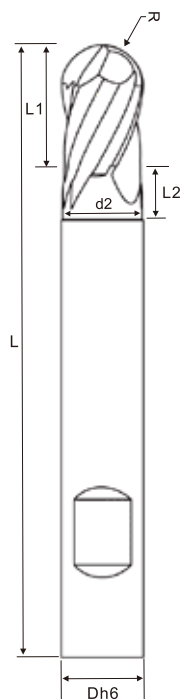
## SUS-2刃球头铣刀(不锈钢专用)

2 Flutes Ball nose End mills for SUS

各类球头立铣刀具有很小的公差,进行仿形加工时,也能确保很高的精度。

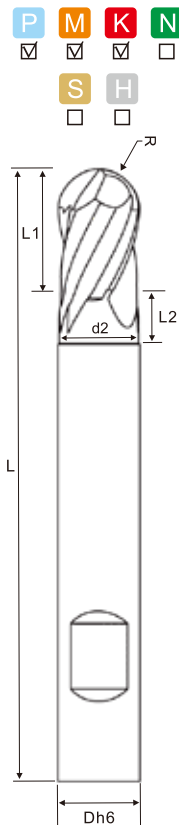
All kinds of ball end cutter has very small tolerance for copying machining ,can ensure high accuracy,

Applicable for plane and surface machining .



| d (刀径)                | Tolerance (公差) |
|-----------------------|----------------|
| $\phi < 3$            | 0~-0.02        |
| $3 \leq \phi \leq 10$ | 0~-0.03        |
| $\phi > 10$           | 0~-0.04        |

| ITEM CODE     | R     | d2   | L1  | L2 | Dh6       | L   |
|---------------|-------|------|-----|----|-----------|-----|
| SUS-2B05450   | R0.5  | /    | 2   | /  | $\phi 4$  | 50  |
| SUS-2B075450  | R0.75 | /    | 3   | /  | $\phi 4$  | 50  |
| SUS-2B10450   | R1    | /    | 4   | /  | $\phi 4$  | 50  |
| SUS-2B125450  | R1.25 | /    | 5   | /  | $\phi 4$  | 50  |
| SUS-2B15350   | R1.5  | /    | 6   | /  | $\phi 3$  | 50  |
| SUS-2B15450   | R1.5  | /    | 6   | /  | $\phi 4$  | 50  |
| SUS-2B175450  | R1.75 | /    | 6   | /  | $\phi 4$  | 50  |
| SUS-2B20450   | R2    | 3.7  | 6   | 5  | $\phi 4$  | 50  |
| SUS-2B25550   | R2.5  | 4.7  | 7.5 | 5  | $\phi 5$  | 50  |
| SUS-2B25650   | R2.5  | 4.7  | 7.5 | 5  | $\phi 6$  | 50  |
| SUS-2B30650   | R3    | 5.7  | 9   | 5  | $\phi 6$  | 50  |
| SUS-2B40860   | R4    | 7.7  | 12  | 6  | $\phi 8$  | 60  |
| SUS-2B15375   | R1.5  | 2.7  | 4.5 | 5  | $\phi 3$  | 75  |
| SUS-2B20475   | R2    | 3.7  | 6   | 5  | $\phi 4$  | 75  |
| SUS-2B25575   | R2.5  | 4.7  | 7.5 | 5  | $\phi 5$  | 75  |
| SUS-2B30675   | R3    | 5.7  | 9   | 5  | $\phi 6$  | 75  |
| SUS-2B40875   | R4    | 7.7  | 12  | 6  | $\phi 8$  | 75  |
| SUS-2B501075  | R5    | 9.7  | 15  | 7  | $\phi 10$ | 75  |
| SUS-2B601275  | R6    | 11.7 | 18  | 7  | $\phi 12$ | 75  |
| SUS-2B701480  | R7    | 13.7 | 21  | 10 | $\phi 14$ | 80  |
| SUS-2B153100  | R1.5  | 2.7  | 4.5 | 5  | $\phi 3$  | 100 |
| SUS-2B204100  | R2    | 3.7  | 6   | 5  | $\phi 4$  | 100 |
| SUS-2B255100  | R2.5  | 4.7  | 7.5 | 5  | $\phi 5$  | 100 |
| SUS-2B306100  | R3    | 5.7  | 9   | 5  | $\phi 6$  | 100 |
| SUS-2B408100  | R4    | 7.7  | 12  | 6  | $\phi 8$  | 100 |
| SUS-2B5010100 | R5    | 9.7  | 15  | 7  | $\phi 10$ | 100 |
| SUS-2B6012100 | R6    | 11.7 | 18  | 7  | $\phi 12$ | 100 |
| SUS-2B7014100 | R7    | 13.7 | 21  | 10 | $\phi 14$ | 100 |
| SUS-2B8016100 | R8    | 15.7 | 24  | 10 | $\phi 16$ | 100 |



| ITEM CODE      | d1    | d2   | L1   | L2 | Dh6 | L   |
|----------------|-------|------|------|----|-----|-----|
| SUS-2B9018100  | R9    | 17.7 | 27   | 11 | Φ18 | 100 |
| SUS-2B1020100  | R10   | 19.7 | 30   | 11 | Φ20 | 100 |
| SUS-2B12525100 | R12.5 | 24.7 | 37.5 | 13 | Φ25 | 100 |
| SUS-2B306150   | R3    | 5.7  | 9    | 5  | Φ6  | 150 |
| SUS-2B408150   | R4    | 7.7  | 12   | 6  | Φ8  | 150 |
| SUS-2B5010150  | R5    | 9.7  | 15   | 7  | Φ10 | 150 |
| SUS-2B6012150  | R6    | 11.7 | 18   | 7  | Φ12 | 150 |
| SUS-2B7014150  | R7    | 13.7 | 21   | 10 | Φ14 | 150 |
| SUS-2B8016150  | R8    | 15.7 | 24   | 10 | Φ16 | 150 |
| SUS-2B9018150  | R9    | 17.7 | 27   | 11 | Φ18 | 150 |
| SUS-2B1020150  | R10   | 19.7 | 30   | 11 | Φ20 | 150 |
| SUS-2B12525150 | R12.5 | 24.7 | 37.5 | 13 | Φ25 | 150 |

APPLICABLE TABLE OF MACHINABLE MATERIALS  
可切削材料适用表

| d(刃径)                 | Tolerance(公差) |
|-----------------------|---------------|
| $\Phi < 3$            | 0~-0.02       |
| $3 \leq \Phi \leq 10$ | 0~-0.03       |
| $\Phi > 10$           | 0~-0.04       |

| CARBON STEEL<br>碳素钢       | ALLOY STEEL<br>合金钢                | PRE HARDENED STEEL, HARDENED STEEL<br>预硬钢、淬硬钢 |        |        | STAINLESS STEEL<br>不锈钢 | CAST IRON<br>铸铁      | COPPER ALLOY<br>铜合金 | ALUMINUM ALLOY<br>铝合金 | GRAPHITE<br>石墨 | TITANIUM ALLOY<br>钛合金 | HEAT-RESISTING ALLOY<br>耐热合金 | PLASTIC<br>塑料 |
|---------------------------|-----------------------------------|-----------------------------------------------|--------|--------|------------------------|----------------------|---------------------|-----------------------|----------------|-----------------------|------------------------------|---------------|
| PRE HARDENED STEEL<br>预硬钢 | CHISEL TOOL HARDENED STEEL<br>工具钢 |                                               |        |        |                        | DUCTILE IRON<br>球墨铸铁 |                     |                       |                |                       |                              |               |
| ~40HRC                    |                                   | ~45HRC                                        | ~55HRC | ~60HRC | ~65HRC                 | ~35HRC               | ~350HB              |                       |                |                       |                              |               |
|                           |                                   |                                               | ○      | ○      | ○                      | ○                    | ○                   | ○                     |                | ○                     | ○                            | ○             |