

GEEFUN®

GES-4R

GES-4刃圆鼻铣刀

4 flutes Corner radius end mills for Hardened Steels

适用于加工淬硬钢, 硬度可超过60HRC, 适用于槽和侧面的精加工。

Suitable for machining hardened steel, hardness more than 60HRC, Suitable for Slots and side finishing machining.

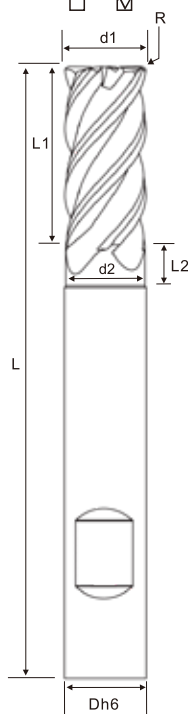
GES

高硬铣刀

High hard milling cutter



铣刀



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

| ITEM CODE    | d1-R           | d2   | L1 | L2 | Dh6       | L   |
|--------------|----------------|------|----|----|-----------|-----|
| GES-4R053350 | $\phi 3$ R0.5  | /    | 8  | /  | $\phi 3$  | 50  |
| GES-4R103350 | $\phi 3$ R1    | /    | 8  | /  | $\phi 3$  | 50  |
| GES-4R053450 | $\phi 3$ R0.5  | /    | 8  | /  | $\phi 4$  | 50  |
| GES-4R103450 | $\phi 3$ R1    | /    | 8  | /  | $\phi 4$  | 50  |
| GES-4R054450 | $\phi 4$ R0.5  | 3.7  | 8  | 3  | $\phi 4$  | 50  |
| GES-4R104450 | $\phi 4$ R1    | 3.7  | 8  | 3  | $\phi 4$  | 50  |
| GES-4R055550 | $\phi 5$ R0.5  | 4.7  | 10 | 5  | $\phi 5$  | 50  |
| GES-4R105550 | $\phi 5$ R1    | 4.7  | 10 | 5  | $\phi 5$  | 50  |
| GES-4R055650 | $\phi 5$ R0.5  | 4.7  | 10 | 5  | $\phi 6$  | 50  |
| GES-4R105650 | $\phi 5$ R1    | 4.7  | 10 | 5  | $\phi 6$  | 50  |
| GES-4R056650 | $\phi 6$ R0.5  | 5.7  | 12 | 5  | $\phi 6$  | 50  |
| GES-4R106650 | $\phi 6$ R1    | 5.7  | 12 | 5  | $\phi 6$  | 50  |
| GES-4R058860 | $\phi 8$ R0.5  | 7.7  | 17 | 5  | $\phi 8$  | 60  |
| GES-4R108860 | $\phi 8$ R1    | 7.7  | 17 | 5  | $\phi 8$  | 60  |
| GES-4R053375 | $\phi 3$ R0.5  | 2.7  | 10 | 5  | $\phi 3$  | 75  |
| GES-4R103375 | $\phi 3$ R1    | 2.7  | 10 | 5  | $\phi 3$  | 75  |
| GES-4R054475 | $\phi 4$ R0.5  | 3.7  | 12 | 5  | $\phi 4$  | 75  |
| GES-4R104475 | $\phi 4$ R1    | 3.7  | 12 | 5  | $\phi 4$  | 75  |
| GES-4R055575 | $\phi 5$ R0.5  | 4.7  | 17 | 5  | $\phi 5$  | 75  |
| GES-4R105575 | $\phi 5$ R1    | 4.7  | 17 | 5  | $\phi 5$  | 75  |
| GES-4R056675 | $\phi 6$ R0.5  | 5.7  | 17 | 5  | $\phi 6$  | 75  |
| GES-4R106675 | $\phi 6$ R1    | 5.7  | 17 | 5  | $\phi 6$  | 75  |
| GES-4R058875 | $\phi 8$ R0.5  | 7.7  | 22 | 5  | $\phi 8$  | 75  |
| GES-4R108875 | $\phi 8$ R1    | 7.7  | 22 | 5  | $\phi 8$  | 75  |
| GES-4R051075 | $\phi 10$ R0.5 | 9.7  | 22 | 5  | $\phi 10$ | 75  |
| GES-4R101075 | $\phi 10$ R1   | 9.7  | 22 | 5  | $\phi 10$ | 75  |
| GES-4R051275 | $\phi 12$ R0.5 | 11.7 | 27 | 5  | $\phi 12$ | 75  |
| GES-4R101275 | $\phi 12$ R1   | 11.7 | 27 | 5  | $\phi 12$ | 75  |
| GES-4R051480 | $\phi 14$ R0.5 | 13.7 | 28 | 10 | $\phi 14$ | 80  |
| GES-4R101480 | $\phi 14$ R1   | 13.7 | 28 | 10 | $\phi 14$ | 80  |
| GES-4R053100 | $\phi 3$ R0.5  | 2.7  | 10 | 5  | $\phi 3$  | 100 |
| GES-4R103100 | $\phi 3$ R1    | 2.7  | 10 | 5  | $\phi 3$  | 100 |
| GES-4R054100 | $\phi 4$ R0.5  | 3.7  | 13 | 5  | $\phi 4$  | 100 |
| GES-4R104100 | $\phi 4$ R1    | 3.7  | 13 | 5  | $\phi 4$  | 100 |
| GES-4R055100 | $\phi 5$ R0.5  | 4.7  | 17 | 5  | $\phi 5$  | 100 |
| GES-4R105100 | $\phi 5$ R1    | 4.7  | 17 | 5  | $\phi 5$  | 100 |
| GES-4R056100 | $\phi 6$ R0.5  | 5.7  | 22 | 5  | $\phi 6$  | 100 |
| GES-4R106100 | $\phi 6$ R1    | 5.7  | 22 | 5  | $\phi 6$  | 100 |
| GES-4R058100 | $\phi 8$ R0.5  | 7.7  | 30 | 5  | $\phi 8$  | 100 |

## GES-4R

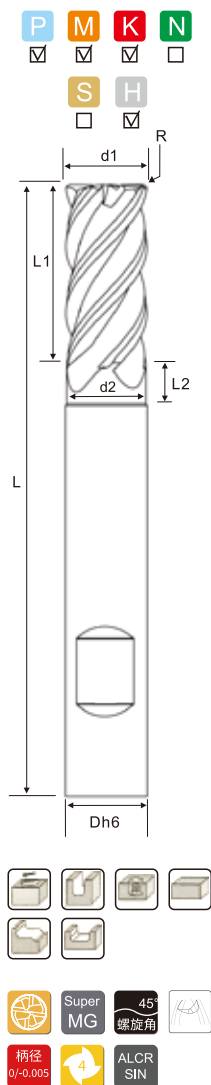
## GES-4刃圆鼻铣刀

4 flutes Corner radius end mills for Hardened Steels

GES

高硬铣刀

High hard milling cutter



| ITEM CODE     | d1-R     | d2   | L1 | L2 | Dh6 | L   |
|---------------|----------|------|----|----|-----|-----|
| GES-4R108100  | Φ8 R1    | 7.7  | 30 | 5  | Φ8  | 100 |
| GES-4R0510100 | Φ10 R0.5 | 9.7  | 35 | 5  | Φ10 | 100 |
| GES-4R1010100 | Φ10 R1   | 9.7  | 35 | 5  | Φ10 | 100 |
| GES-4R0512100 | Φ12 R0.5 | 11.7 | 40 | 5  | Φ12 | 100 |
| GES-4R1012100 | Φ12 R1   | 11.7 | 40 | 5  | Φ12 | 100 |
| GES-4R0514100 | Φ14 R0.5 | 13.7 | 40 | 10 | Φ14 | 100 |
| GES-4R1014100 | Φ14 R1   | 13.7 | 40 | 10 | Φ14 | 100 |
| GES-4R0516100 | Φ16 R0.5 | 15.7 | 40 | 10 | Φ16 | 100 |
| GES-4R1016100 | Φ16 R1   | 15.7 | 40 | 10 | Φ16 | 100 |
| GES-4R0518100 | Φ18 R0.5 | 17.7 | 40 | 10 | Φ18 | 100 |
| GES-4R1018100 | Φ18 R1   | 17.7 | 40 | 10 | Φ18 | 100 |
| GES-4R0520100 | Φ20 R0.5 | 19.7 | 40 | 10 | Φ20 | 100 |
| GES-4R1020100 | Φ20 R1   | 19.7 | 40 | 10 | Φ20 | 100 |
| GES-4R0525100 | Φ25 R0.5 | 24.7 | 40 | 10 | Φ25 | 100 |
| GES-4R1025100 | Φ25 R1   | 24.7 | 40 | 10 | Φ25 | 100 |
| GES-4R0566150 | Φ6 R0.5  | 5.7  | 22 | 5  | Φ6  | 150 |
| GES-4R1066150 | Φ6 R1    | 5.7  | 22 | 5  | Φ6  | 150 |
| GES-4R0588150 | Φ8 R0.5  | 7.7  | 30 | 5  | Φ8  | 150 |
| GES-4R1088150 | Φ8 R1    | 7.7  | 30 | 5  | Φ8  | 150 |
| GES-4R0510150 | Φ10 R0.5 | 9.7  | 40 | 5  | Φ10 | 150 |
| GES-4R1010150 | Φ10 R1   | 9.7  | 40 | 5  | Φ10 | 150 |
| GES-4R0512150 | Φ12 R0.5 | 11.7 | 40 | 5  | Φ12 | 150 |
| GES-4R1012150 | Φ12 R1   | 11.7 | 40 | 5  | Φ12 | 150 |
| GES-4R0514150 | Φ14 R0.5 | 13.7 | 40 | 10 | Φ14 | 150 |
| GES-4R1014150 | Φ14 R1   | 13.7 | 40 | 10 | Φ14 | 150 |
| GES-4R0516150 | Φ16 R0.5 | 15.7 | 45 | 10 | Φ16 | 150 |
| GES-4R1016150 | Φ16 R1   | 15.7 | 45 | 10 | Φ16 | 150 |
| GES-4R0518150 | Φ18 R0.5 | 17.7 | 45 | 10 | Φ18 | 150 |
| GES-4R1018150 | Φ18 R1   | 17.7 | 45 | 10 | Φ18 | 150 |
| GES-4R0520150 | Φ20 R0.5 | 19.7 | 50 | 10 | Φ20 | 150 |
| GES-4R1020150 | Φ20 R1   | 19.7 | 50 | 10 | Φ20 | 150 |
| GES-4R0525150 | Φ25 R0.5 | 24.7 | 55 | 10 | Φ25 | 150 |
| GES-4R1025150 | Φ25 R1   | 24.7 | 55 | 10 | Φ25 | 150 |

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

| d (刃径)     | Tolerance (公差) |
|------------|----------------|
| Φ < 3      | 0~-0.02        |
| 3 ≤ Φ ≤ 10 | 0~-0.03        |
| Φ > 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, CHISEL TOOL STEEL<br>预硬钢、工具钢 |                    |                                               |        |        |        | DUCTILE IRON<br>球墨铸铁   | ~350HB          |                     |                       |                |                       |                              |               |
| ~40HRC                                           |                    | ~45HRC                                        | ~55HRC | ~60HRC | ~65HRC | ~35HRC                 |                 |                     |                       |                |                       |                              |               |
| ○                                                | ○                  | ○                                             | ○      | ○      | ○      | ○                      | ○               | ○                   | ○                     |                | ○                     | ○                            | ○             |

○ 非常适用  
VERY SUITABLE○ 适用  
SUITABLE