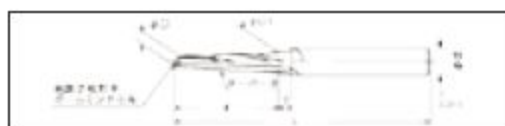


# PGR

ピンゲートリーマ  
reamers for pin gate



■材質：HSS-Co

| 先端 R | 両角 | 先径  | 元径    | 刃長  | 全長  | 柄径 |
|------|----|-----|-------|-----|-----|----|
| R    | φ  | D   | D1    | F   | L   | d  |
| 0.5  | 1  | 1   | 1.44  | 25  | 70  | 4  |
| 0.5  | 2  | 1   | 1.87  | 25  | 70  | 4  |
| 0.5  | 3  | 1   | 2.31  | 25  | 70  | 4  |
| 0.5  | 4  | 1   | 2.75  | 25  | 70  | 4  |
| 0.5  | 5  | 1   | 3.19  | 25  | 70  | 4  |
| 0.75 | 1  | 1.5 | 2.03  | 30  | 80  | 6  |
| 0.75 | 2  | 1.5 | 2.52  | 30  | 80  | 6  |
| 0.75 | 3  | 1.5 | 3.03  | 30  | 80  | 6  |
| 0.75 | 4  | 1.5 | 3.55  | 30  | 80  | 6  |
| 0.75 | 5  | 1.5 | 4.06  | 30  | 80  | 6  |
| 1    | 1  | 2   | 2.7   | 40  | 90  | 6  |
| 1    | 2  | 2   | 3.36  | 40  | 90  | 6  |
| 1    | 3  | 2   | 4.04  | 40  | 90  | 6  |
| 1    | 4  | 2   | 4.72  | 40  | 90  | 6  |
| 1    | 5  | 2   | 5.4   | 40  | 90  | 6  |
| 1    | 1  | 2   | 3.23  | 70  | 120 | 6  |
| 1    | 2  | 2   | 4.4   | 70  | 120 | 6  |
| 1    | 3  | 2   | 5.61  | 70  | 120 | 6  |
| 1    | 4  | 2   | 6.81  | 70  | 120 | 6  |
| 1    | 5  | 2   | 8.02  | 70  | 120 | 9  |
| 1    | 1  | 2   | 4.1   | 120 | 170 | 6  |
| 1    | 2  | 2   | 6.19  | 120 | 170 | 6  |
| 1    | 3  | 2   | 8.29  | 120 | 170 | 9  |
| 1    | 4  | 2   | 10.39 | 120 | 170 | 10 |
| 1    | 5  | 2   | 12.5  | 120 | 170 | 12 |
| 1.25 | 1  | 2.5 | 3.55  | 60  | 110 | 6  |
| 1.25 | 2  | 2.5 | 4.59  | 60  | 110 | 6  |
| 1.25 | 3  | 2.5 | 5.64  | 60  | 110 | 6  |
| 1.25 | 4  | 2.5 | 6.69  | 60  | 110 | 6  |
| 1.25 | 5  | 2.5 | 7.75  | 60  | 110 | 9  |
| 1.5  | 1  | 3   | 3.79  | 45  | 95  | 6  |
| 1.5  | 2  | 3   | 4.51  | 45  | 95  | 6  |
| 1.5  | 3  | 3   | 5.27  | 45  | 95  | 6  |
| 1.5  | 4  | 3   | 6.03  | 45  | 95  | 6  |
| 1.5  | 5  | 3   | 6.79  | 45  | 95  | 6  |
| 1.5  | 1  | 3   | 4.4   | 90  | 130 | 6  |
| 1.5  | 2  | 3   | 5.74  | 90  | 130 | 6  |
| 1.5  | 3  | 3   | 7.11  | 90  | 130 | 9  |
| 1.5  | 4  | 3   | 8.48  | 90  | 130 | 9  |
| 1.5  | 5  | 3   | 9.85  | 90  | 130 | 10 |
| 1.5  | 1  | 3   | 5.28  | 130 | 180 | 6  |
| 1.5  | 2  | 3   | 7.54  | 130 | 180 | 9  |
| 1.5  | 3  | 3   | 9.81  | 130 | 180 | 10 |
| 1.5  | 4  | 3   | 12.09 | 130 | 180 | 12 |
| 1.5  | 5  | 3   | 14.38 | 130 | 180 | 12 |
| 2    | 1  | 4   | 4.88  | 50  | 100 | 6  |
| 2    | 2  | 4   | 5.67  | 50  | 100 | 6  |
| 2    | 3  | 4   | 6.51  | 50  | 100 | 6  |
| 2    | 4  | 4   | 7.35  | 50  | 100 | 9  |
| 2    | 5  | 4   | 8.38  | 50  | 100 | 9  |
| 2    | 1  | 4   | 5.58  | 90  | 140 | 6  |
| 2    | 2  | 4   | 7.07  | 90  | 140 | 9  |
| 2    | 3  | 4   | 8.6   | 90  | 140 | 9  |
| 2    | 4  | 4   | 10.14 | 90  | 140 | 10 |
| 2    | 5  | 4   | 11.89 | 90  | 140 | 12 |

| 先端 R | 両角 | 先径 | 元径    | 刃長  | 全長  | 柄径 |
|------|----|----|-------|-----|-----|----|
| R    | φ  | D  | D1    | F   | L   | d  |
| 2    | 1  | 4  | 6.28  | 130 | 180 | 6  |
| 2    | 2  | 4  | 8.54  | 130 | 180 | 8  |
| 2    | 3  | 4  | 10.7  | 130 | 180 | 10 |
| 2    | 4  | 4  | 12.93 | 130 | 180 | 12 |
| 2    | 5  | 4  | 15.38 | 130 | 180 | 16 |
| 2.5  | 1  | 5  | 6.05  | 60  | 110 | 6  |
| 2.5  | 2  | 5  | 7     | 60  | 110 | 9  |
| 2.5  | 3  | 5  | 8.01  | 60  | 110 | 9  |
| 2.5  | 4  | 5  | 9.01  | 60  | 110 | 10 |
| 2.5  | 1  | 5  | 6.75  | 100 | 150 | 6  |
| 2.5  | 2  | 5  | 8.4   | 100 | 150 | 9  |
| 2.5  | 3  | 5  | 10.1  | 100 | 150 | 10 |
| 2.5  | 4  | 5  | 11.8  | 100 | 150 | 12 |
| 2.5  | 1  | 5  | 7.63  | 150 | 200 | 9  |
| 2.5  | 2  | 5  | 10.24 | 150 | 200 | 10 |
| 2.5  | 3  | 5  | 12.72 | 150 | 200 | 12 |
| 2.5  | 4  | 5  | 15.3  | 150 | 200 | 16 |