

## 外径順金型表

外径 0.75 ~ 4.40

(単位: mm)

| 外径   | 内径   | 線径   | 外径   | 内径   | 線径    | 外径    | 内径   | 線径   | 外径   | 内径   | 線径    | 外径   | 内径   | 線径   |       |
|------|------|------|------|------|-------|-------|------|------|------|------|-------|------|------|------|-------|
| 0.75 | 0.25 | 0.25 | 2.20 | 1.30 | 0.45  | 2.79  | 0.89 | 0.95 | 3.36 | 1.22 | 1.07  | 3.90 | 1.90 | 1.00 |       |
| 1.29 | 0.63 | 0.33 |      | 1.40 | 0.40  | 2.80  | 0.80 | 1.00 |      | 3.40 | 1.60  |      | 0.90 | 2.10 | 0.90  |
| 1.30 | 0.60 | 0.35 | 2.25 | 0.85 | 0.70  |       | 1.20 | 0.80 | 1.70 |      | 0.85  |      | 2.30 | 0.80 |       |
| 1.33 | 0.61 | 0.36 |      | 2.30 | 0.80  |       | 0.75 | 1.50 | 0.65 |      | 1.80  |      | 0.80 | 2.50 | 0.70  |
| 1.35 | 0.51 | 0.42 | 1.20 |      | 0.55  | 1.80  | 0.50 | 2.20 | 0.60 | 2.30 | 0.55  |      | 3.10 | 0.40 |       |
|      | 0.55 | 0.40 | 1.30 |      | 0.50  | 2.00  | 0.40 | 2.30 | 0.55 | 2.40 | 0.50  | 3.94 | 1.40 | 1.27 |       |
| 1.40 | 0.50 | 0.45 | 1.70 |      | 0.30  | 2.82  | 1.00 | 0.91 | 3.43 | 2.21 | 0.61  | 3.95 | 1.65 | 1.15 |       |
| 1.45 | 0.43 | 0.51 | 2.35 | 1.35 | 0.50  |       | 2.16 | 0.33 |      | 3.45 | 1.85  | 0.80 | 3.96 | 1.76 | 1.10  |
|      | 0.65 | 0.40 |      | 1.55 | 0.40  | 2.90  | 1.10 | 0.90 | 2.55 |      | 0.45  | 3.97 | 1.93 | 1.02 |       |
| 1.50 | 0.60 | 0.45 | 2.39 | 1.27 | 0.56  |       | 1.20 | 0.85 | 3.46 | 1.44 | 1.01  |      | 2.69 | 0.64 |       |
| 1.60 | 0.60 | 0.50 |      | 2.40 | 0.80  |       | 0.80 | 1.30 |      | 0.80 | 3.50  | 1.00 | 1.25 | 2.70 | 0.635 |
|      | 0.70 | 0.45 | 1.00 |      | 0.70  |       | 1.50 | 0.70 | 1.10 | 1.20 |       | 1.00 | 1.50 |      |       |
|      | 0.80 | 0.40 | 1.10 |      | 0.65  | 1.70  | 0.60 | 1.10 | 1.20 | 2.00 |       | 1.00 |      |      |       |
|      | 0.90 | 0.35 | 1.20 |      | 0.60  | 1.90  | 0.50 | 1.50 | 1.00 | 2.20 |       | 0.90 |      |      |       |
| 1.63 | 0.97 | 0.33 | 1.40 |      | 0.50  | 2.95  | 1.75 | 0.60 | 3.54 | 2.00 |       | 0.75 | 4.00 | 2.30 | 0.85  |
| 1.65 | 0.61 | 0.52 | 1.50 |      | 0.45  | 2.96  | 1.50 | 0.73 |      | 2.20 |       | 0.65 | 2.40 | 0.80 |       |
| 1.68 | 0.68 | 0.50 | 1.60 |      | 0.40  | 3.00  | 1.00 | 1.00 |      | 2.30 |       | 0.60 | 2.70 | 0.65 |       |
| 1.70 | 0.60 | 0.55 | 1.80 |      | 0.30  |       | 1.40 | 0.80 |      | 2.50 |       | 0.50 | 3.00 | 0.50 | 4.01  |
|      | 0.70 | 0.50 | 2.42 | 1.10 | 0.66  |       | 1.50 | 0.75 | 3.55 | 1.50 | 1.02  | 4.05 | 2.85 | 0.60 |       |
|      | 0.80 | 0.45 |      | 1.35 | 0.55  |       | 1.60 | 0.70 |      | 2.15 | 0.70  | 4.06 | 0.74 | 1.66 |       |
|      | 0.90 | 0.40 | 1.55 | 0.45 | 1.70  |       | 0.65 | 2.25 |      | 0.65 | 4.08  | 2.26 | 0.91 |      |       |
| 1.79 | 1.19 | 0.30 | 0.40 | 1.05 | 1.80  |       | 0.60 | 2.29 |      | 0.63 | 4.10  | 1.60 | 1.25 |      |       |
| 1.80 | 0.70 | 0.55 | 2.50 | 0.50 | 1.00  |       | 2.00 | 0.50 | 2.20 | 0.40 |       | 2.30 | 0.90 |      |       |
|      | 0.80 | 0.50 |      | 1.00 | 0.75  |       | 3.02 | 1.40 | 0.81 | 2.48 |       | 0.55 | 2.50 | 0.80 |       |
|      | 1.00 | 0.40 |      | 1.30 | 0.60  | 3.03  | 1.83 | 0.60 | 1.20 | 1.20 |       | 2.60 | 0.75 |      |       |
| 1.88 | 0.66 | 0.61 |      | 1.40 | 0.55  | 3.06  | 1.02 | 1.02 | 1.60 | 1.00 | 2.90  | 0.60 |      |      |       |
| 1.89 | 1.07 | 0.41 |      | 1.50 | 0.50  | 3.09  | 2.49 | 0.30 | 2.00 | 0.80 | 4.16  | 1.78 | 1.19 |      |       |
| 1.90 | 0.80 | 0.55 |      | 1.60 | 0.45  | 3.10  | 1.30 | 0.90 | 2.20 | 0.70 |       | 1.70 | 1.25 |      |       |
|      | 0.90 | 0.50 |      | 1.70 | 0.40  |       | 1.50 | 0.80 | 2.44 | 0.58 | 1.80  | 1.20 |      |      |       |
| 1.95 | 0.85 | 0.55 |      | 2.51 | 1.91  |       | 0.30 | 1.70 | 0.70 | 2.60 | 0.50  | 2.20 | 1.00 |      |       |
|      | 0.95 | 0.50 | 2.53 | 0.91 | 0.81  |       | 2.00 | 0.55 | 3.61 | 1.07 | 1.27  | 4.20 | 2.30 | 0.95 |       |
| 1.96 | 0.90 | 0.53 | 2.55 | 1.00 | 0.775 | 3.11  | 2.31 | 0.40 | 3.65 | 1.83 | 0.91  | 2.40 | 0.90 |      |       |
| 2.00 | 0.80 | 0.60 |      | 1.45 | 0.55  | 3.13  | 2.31 | 0.41 |      | 2.15 | 0.75  | 2.80 | 0.70 |      |       |
|      | 0.84 | 0.58 | 1.00 | 0.80 | 3.15  | 1.15  | 1.00 | 3.68 | 2.18 | 0.75 | 3.18  | 0.51 |      |      |       |
|      | 1.00 | 0.50 | 1.20 | 0.70 |       | 1.75  | 0.70 |      | 1.20 | 1.25 | 4.21  | 2.79 | 0.71 |      |       |
|      | 1.10 | 0.45 | 1.30 | 0.65 | 1.40  | 0.90  | 1.70 |      | 1.00 | 4.23 | 2.97  | 0.63 |      |      |       |
| 1.20 | 0.40 | 1.40 | 0.60 | 1.60 | 0.80  | 1.90  | 0.90 |      | 4.25 | 2.20 | 1.025 |      |      |      |       |
| 2.01 | 0.91 | 0.55 | 1.50 | 0.55 | 3.20  | 1.70  | 0.75 | 3.70 | 2.30 | 0.70 | 4.26  | 2.30 | 0.98 |      |       |
| 2.05 | 1.05 | 0.50 | 1.70 | 0.45 |       | 1.80  | 0.70 |      | 2.50 | 0.60 | 4.28  | 1.80 | 1.24 |      |       |
| 2.07 | 0.91 | 0.58 | 1.80 | 0.40 |       | 2.00  | 0.60 |      | 2.80 | 0.45 | 4.30  | 2.30 | 1.00 |      |       |
| 2.10 | 0.50 | 0.80 | 2.62 | 1.45 |       | 0.585 | 2.20 |      | 0.50 | 2.90 |       | 0.40 | 2.32 | 0.99 |       |
|      | 0.80 | 0.65 | 2.65 | 1.15 |       | 0.75  | 2.30 | 0.45 | 3.75 | 2.15 | 0.80  | 2.70 | 0.80 |      |       |
|      | 1.00 | 0.55 | 2.66 | 1.04 |       | 0.81  | 3.21 | 1.07 | 1.07 | 1.40 | 1.20  | 4.32 | 3.50 | 0.41 |       |
|      | 1.10 | 0.50 | 2.67 | 1.09 |       | 0.79  | 3.22 | 1.80 | 0.71 | 1.60 | 1.10  | 4.34 | 3.04 | 0.65 |       |
|      | 1.20 | 0.45 | 2.68 | 1.40 |       | 0.64  | 3.25 | 1.75 | 0.75 | 1.80 | 1.00  | 4.35 | 2.35 | 1.00 |       |
| 1.30 | 0.40 | 2.70 | 1.70 | 0.50 | 1.83  | 0.71  |      | 2.20 | 0.80 | 1.20 | 1.60  |      |      |      |       |
| 2.13 | 0.93 |      | 0.60 | 1.84 | 0.43  | 3.28  | 1.78 | 0.75 | 2.40 | 0.70 | 1.40  | 1.50 |      |      |       |
| 2.15 | 1.05 | 0.55 | 1.90 | 0.40 | 3.30  |       | 1.70 | 0.80 | 2.50 | 0.65 | 2.20  | 1.10 |      |      |       |
| 2.19 | 1.27 | 0.46 | 2.00 | 0.35 | 3.31  |       | 1.27 | 1.02 | 2.80 | 0.50 | 2.40  | 1.00 |      |      |       |
|      | 0.70 | 0.75 | 2.71 | 0.77 | 0.97  |       | 3.32 | 1.14 | 1.09 | 3.00 | 0.40  | 2.60 | 0.90 |      |       |
|      | 0.80 | 0.70 | 2.72 | 1.60 | 0.56  | 3.35  | 1.75 | 0.80 | 3.82 | 1.78 | 1.02  | 2.80 | 0.80 |      |       |
| 1.00 | 0.60 | 2.75 | 1.75 | 0.50 | 3.89  |       | 1.30 | 1.30 | 3.90 | 1.30 | 1.30  | 3.00 | 0.70 |      |       |
| 1.10 | 0.55 | 2.78 | 0.74 | 1.02 |       |       |      |      |      |      |       |      |      |      |       |

## 外径順金型表

外径 4.40 ~ 7.00

(単位 : mm)

| 外径   | 内径   | 線径    | 外径   | 内径   | 線径    | 外径   | 内径   | 線径   | 外径   | 内径   | 線径   | 外径   | 内径   | 線径    |      |
|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|-------|------|
| 4.40 | 3.14 | 0.63  | 4.80 | 3.00 | 0.90  | 5.30 | 1.30 | 2.00 | 5.80 | 4.20 | 0.80 | 6.40 | 2.80 | 1.80  |      |
| 4.41 | 2.21 | 1.10  |      | 3.20 | 0.80  |      | 2.50 | 1.40 |      | 5.00 | 0.40 |      | 3.80 | 1.30  |      |
| 4.42 | 3.70 | 0.36  |      | 3.40 | 0.70  |      | 2.90 | 1.20 | 5.81 | 4.19 | 0.81 |      | 4.00 | 1.20  |      |
| 4.46 | 1.42 | 1.52  |      | 3.80 | 0.50  |      | 3.30 | 1.00 | 5.84 | 2.24 | 1.80 |      | 4.80 | 0.80  |      |
| 4.47 | 2.54 | 0.965 |      | 4.00 | 0.40  |      | 3.40 | 0.95 | 5.85 | 2.65 | 1.60 |      | 5.20 | 0.60  |      |
| 4.48 | 2.54 | 0.97  |      | 4.82 | 1.52  |      | 1.65 | 3.70 | 0.80 | 5.86 | 2.82 | 1.52 | 6.43 | 5.21  | 0.61 |
| 4.49 | 3.89 | 0.30  | 4.83 | 2.79 | 1.02  |      | 4.00 | 0.65 | 5.90 | 4.34 | 0.76 | 6.45 | 3.91 | 1.27  |      |
| 4.50 | 1.50 | 1.50  | 4.84 | 3.56 | 0.64  |      | 4.40 | 0.45 | 5.96 | 3.50 | 1.20 | 5.35 | 0.55 |       |      |
|      | 2.00 | 1.25  | 4.85 | 1.85 | 1.50  |      | 5.31 | 2.31 | 1.50 | 4.70 | 0.60 | 6.46 | 2.90 | 1.78  |      |
|      | 2.06 | 1.22  |      | 3.40 | 0.725 |      | 5.33 | 3.05 | 1.14 | 5.00 | 0.48 | 6.47 | 2.54 | 1.965 |      |
|      | 2.20 | 1.15  | 4.90 | 1.30 | 1.80  | 3.51 | 0.91 | 5.99 | 5.32 | 0.32 | 6.48 | 1.24 | 2.62 |       |      |
|      | 2.50 | 1.00  |      | 2.50 | 1.20  | 5.34 | 1.78 | 1.78 | 4.47 | 0.76 | 2.90 | 1.79 |      |       |      |
|      | 2.70 | 0.90  |      | 2.90 | 1.00  | 4.32 | 0.51 | 6.00 | 2.00 | 2.00 | 3.50 | 1.50 |      |       |      |
|      | 2.90 | 0.80  | 3.50 | 0.70 | 5.39  | 2.79 | 1.30 |      | 2.20 | 1.90 | 3.80 | 1.35 |      |       |      |
|      | 3.00 | 0.75  | 4.93 | 2.39 | 1.27  | 5.40 | 1.80 |      | 1.80 | 2.80 | 1.60 | 3.90 | 1.30 |       |      |
| 3.20 | 0.65 | 4.94  | 3.66 | 0.64 | 2.20  |      | 1.60 |      | 3.00 | 1.50 | 4.10 | 1.20 |      |       |      |
| 3.30 | 0.60 | 4.96  | 2.16 | 1.40 | 2.40  |      | 1.50 |      | 3.40 | 1.30 | 4.50 | 1.00 |      |       |      |
| 4.51 | 3.25 | 0.63  | 5.00 | 1.00 | 2.00  |      | 2.90 |      | 1.25 | 4.00 | 1.00 | 6.55 | 3.35 | 1.60  |      |
| 4.52 | 3.00 | 0.76  |      | 2.00 | 1.50  |      | 3.00 |      | 1.20 | 4.40 | 0.80 | 6.59 | 5.65 | 0.47  |      |
| 4.53 | 2.73 | 0.90  |      | 2.40 | 1.30  | 3.20 | 1.10 |      | 4.60 | 0.70 | 6.60 | 2.66 | 1.97 |       |      |
|      | 3.25 | 0.64  |      | 2.60 | 1.20  | 3.80 | 0.80 | 5.00 | 0.50 | 2.80 |      | 1.90 |      |       |      |
| 4.54 | 2.54 | 1.00  |      | 2.80 | 1.10  | 5.43 | 2.69 | 1.37 | 5.20 | 0.40 |      | 4.20 | 1.20 |       |      |
| 4.56 | 2.80 | 0.88  |      | 3.00 | 1.00  | 5.45 | 1.65 | 1.90 | 6.02 | 3.18 |      | 1.42 | 4.80 | 0.90  |      |
| 4.58 | 2.54 | 1.02  |      | 3.20 | 0.90  | 5.50 | 2.40 | 1.55 | 4.30 | 0.86 |      | 5.00 | 0.80 |       |      |
|      | 3.30 | 0.64  |      | 3.40 | 0.80  |      | 2.50 | 1.50 | 6.03 | 3.53 | 1.25 | 5.20 | 0.70 |       |      |
|      | 4.60 | 1.60  |      | 1.50 | 3.60  |      | 0.70 | 2.70 | 1.40 | 5.21 | 0.41 | 6.61 | 4.57 | 1.02  |      |
| 1.80 |      | 1.40  |      | 4.00 | 0.50  |      | 2.90 | 1.30 | 6.04 | 3.66 | 1.19 | 6.62 | 5.48 | 0.57  |      |
| 2.00 |      | 1.30  | 5.03 | 3.81 | 0.61  |      | 3.50 | 1.00 | 6.08 | 1.98 | 2.05 | 6.70 | 3.70 | 1.50  |      |
| 2.60 |      | 1.00  | 5.05 | 3.05 | 1.00  | 5.57 | 3.53 | 1.02 | 6.10 | 2.50 | 1.80 | 6.72 | 5.00 | 0.86  |      |
| 3.00 | 0.80 | 4.05  |      | 0.50 | 5.58  | 3.20 | 1.19 | 2.90 |      | 1.60 | 6.73 | 3.17 | 1.78 |       |      |
| 3.20 | 0.70 | 5.08  | 3.30 | 0.89 | 5.59  | 3.05 | 1.27 | 3.40 |      | 1.35 | 6.74 | 5.10 | 0.82 |       |      |
| 4.61 | 4.01 |       | 0.30 | 3.70 | 0.69  | 5.60 | 1.80 | 1.90 |      | 3.50 | 1.30 | 6.75 | 3.15 | 1.80  |      |
| 4.62 | 3.20 | 0.71  | 5.10 | 3.00 | 1.05  |      | 2.00 | 1.80 |      | 3.56 | 1.27 |      | 3.55 | 1.60  |      |
| 4.70 | 1.40 | 1.65  | 4.10 | 0.50 | 3.20  |      | 1.20 | 6.13 |      | 2.57 | 1.78 |      | 6.80 | 3.20  | 1.80 |
|      | 2.30 | 1.20  | 5.14 | 4.34 | 0.40  |      | 3.70 | 0.95 |      | 6.14 | 4.00 | 1.07 |      | 3.80  | 1.50 |
|      | 2.50 | 1.10  | 5.18 | 3.76 | 0.71  |      | 4.40 | 0.60 |      | 6.15 | 2.75 | 1.70 |      | 4.80  | 1.00 |
|      | 2.70 | 1.00  | 5.20 | 1.20 | 2.00  | 4.60 | 0.50 | 6.20 | 2.40 | 1.90 | 5.20 | 0.80 |      |       |      |
|      | 2.90 | 0.90  |      | 2.00 | 1.60  | 5.61 | 2.57 |      | 1.52 | 3.56 | 1.32 | 5.30 |      | 0.75  |      |
|      | 3.00 | 0.85  |      | 2.20 | 1.50  | 5.68 | 3.70 | 0.99 | 4.20 | 1.00 | 6.81 | 5.53 | 0.64 |       |      |
| 3.70 | 0.50 | 2.50  |      | 1.35 | 3.86  |      | 0.91 | 4.60 | 0.80 | 6.86 | 5.28 | 0.79 |      |       |      |
| 3.90 | 0.40 | 2.60  |      | 1.30 | 5.69  | 4.89 | 0.40 | 5.00 | 0.60 | 6.88 | 5.28 | 0.80 |      |       |      |
| 4.72 | 3.00 | 0.86  |      | 2.80 | 1.20  | 5.70 | 2.50 | 1.60 | 6.22 | 4.60 | 0.81 | 6.90 | 3.90 | 1.50  |      |
| 4.75 | 2.65 | 1.05  |      | 3.00 | 1.10  |      | 2.70 | 1.50 | 6.24 | 3.86 | 1.19 |      | 4.50 | 1.20  |      |
|      | 3.48 | 0.635 |      | 3.20 | 1.00  |      | 2.90 | 1.40 | 6.27 | 4.09 | 1.09 |      | 5.00 | 0.95  |      |
| 4.76 | 3.18 | 0.79  |      | 3.50 | 0.85  |      | 3.30 | 1.20 | 6.30 | 4.75 | 0.76 | 5.30 | 0.80 |       |      |
|      | 3.38 | 0.69  |      | 4.00 | 0.60  |      | 3.50 | 1.10 | 6.35 | 4.75 | 0.76 | 6.91 | 3.35 | 1.78  |      |
|      | 3.48 | 0.64  | 4.20 | 0.50 | 3.70  |      | 1.00 | 3.10 |      | 1.60 | 6.94 | 5.72 | 0.61 |       |      |
| 4.78 | 2.90 | 0.94  | 5.21 | 2.01 | 1.60  | 4.30 | 0.70 | 6.30 | 5.30 | 0.50 | 6.98 | 3.38 | 1.80 |       |      |
| 4.79 | 3.63 | 0.58  | 5.24 | 3.20 | 1.02  | 4.90 | 0.40 | 4.35 | 1.00 | 5.36 |      | 0.81 |      |       |      |
| 4.80 | 1.20 | 1.80  | 5.26 | 4.20 | 0.53  | 5.71 | 3.71 | 1.00 | 4.57 | 0.89 |      | 1.90 | 2.55 |       |      |
|      | 1.60 | 1.60  | 5.28 | 3.30 | 0.99  | 5.80 | 2.24 | 1.78 | 6.36 | 4.22 | 1.07 | 3.00 | 2.00 |       |      |
|      | 2.70 | 1.05  |      | 3.60 | 0.84  |      | 2.80 | 1.50 | 6.40 | 1.16 | 2.62 | 4.00 | 1.50 |       |      |
|      | 2.80 | 1.00  |      | 3.71 | 0.79  |      | 3.80 | 1.00 | 2.60 | 1.90 | 5.00 | 1.00 |      |       |      |

## 外径順金型表

外径 7.00 ~ 10.80

(単位 : mm)

| 外径   | 内径   | 線径   | 外径   | 内径   | 線径   | 外径   | 内径   | 線径   | 外径    | 内径   | 線径    | 外径    | 内径    | 線径    |       |
|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|
| 7.00 | 5.40 | 0.80 | 7.78 | 6.10 | 0.84 | 8.50 | 6.80 | 0.85 | 9.33  | 6.07 | 1.63  | 10.00 | 5.80  | 2.10  |       |
|      | 6.00 | 0.50 | 7.80 | 4.80 | 1.50 | 8.51 | 7.19 | 0.66 | 9.35  | 7.15 | 1.10  |       | 6.00  | 2.00  |       |
|      | 6.20 | 0.40 |      | 6.20 | 0.80 | 8.60 | 4.60 | 2.00 | 9.36  | 7.80 | 0.78  |       | 7.00  | 1.50  |       |
|      | 6.40 | 0.30 |      | 6.80 | 0.50 |      | 4.80 | 1.90 | 9.39  | 7.01 | 1.19  |       | 7.60  | 1.20  |       |
| 7.01 | 4.47 | 1.27 | 7.83 | 5.79 | 1.02 |      | 5.00 | 1.80 |       | 7.11 | 1.14  |       | 8.00  | 1.00  |       |
|      | 7.07 | 3.87 | 1.60 | 7.85 | 4.85 |      | 1.50 | 6.00 | 1.30  | 9.40 | 4.60  |       | 2.40  | 8.20  | 0.90  |
| 7.10 | 3.50 | 1.80 | 5.31 |      | 1.27 | 6.20 | 1.20 | 5.60 | 1.90  |      | 6.00  |       | 1.70  | 8.30  | 0.85  |
|      | 4.90 | 1.10 | 7.90 | 4.30 | 1.80 | 7.20 | 0.70 | 7.20 | 1.10  |      | 7.80  |       | 0.80  | 9.00  | 0.50  |
|      | 5.10 | 1.00 |      | 5.50 | 1.20 | 8.61 | 6.07 | 1.27 | 9.43  |      | 7.65  |       | 0.89  | 10.01 | 8.43  |
|      | 5.50 | 0.80 |      | 5.70 | 1.10 | 8.67 | 6.07 | 1.30 |       | 8.00 | 0.70  |       | 10.04 | 8.04  | 1.00  |
| 7.15 | 3.55 | 1.80 | 5.90 | 1.00 | 8.70 | 4.80 | 1.95 | 9.45 |       | 7.45 | 1.00  | 10.10 | 5.30  | 2.40  |       |
|      | 3.75 | 1.70 | 6.50 | 0.70 |      | 4.90 | 1.90 |      |       | 7.80 | 0.80  | 10.13 | 4.89  | 2.62  |       |
| 7.19 | 1.19 | 3.00 | 7.97 | 5.69 | 1.14 | 7.50 | 0.60 |      | 9.49  | 7.77 | 0.86  | 10.15 | 6.75  | 1.70  |       |
|      | 7.20 | 3.40 |      | 1.90 | 8.00 | 4.00 | 2.00 |      | 8.71  | 6.71 | 1.00  | 9.50  | 4.50  | 2.50  | 10.19 |
| 4.80 |      | 1.20 | 4.20 | 1.90 |      | 8.74 | 6.30 | 1.22 | 5.50  | 2.00 | 10.20 |       | 2.20  | 4.00  |       |
| 5.00 |      | 1.10 | 4.80 | 1.60 |      | 8.75 | 5.15 | 1.80 | 5.60  | 1.95 |       |       | 6.40  | 1.90  |       |
| 5.60 |      | 0.80 | 5.00 | 1.50 |      | 8.77 | 4.95 | 1.91 | 5.70  | 1.90 | 8.40  |       | 0.90  |       |       |
| 7.24 | 3.68 | 1.78 | 6.00 | 1.00 |      | 8.80 | 5.80 | 1.50 | 5.90  | 1.80 | 10.22 |       | 5.52  | 2.35  |       |
| 7.25 | 3.69 | 1.78 | 6.30 | 0.85 |      |      | 7.20 | 0.80 | 6.50  | 1.50 | 10.30 |       | 5.30  | 2.50  |       |
| 7.29 | 4.75 | 1.27 | 7.00 | 0.50 | 8.00 |      | 0.40 | 6.70 | 1.40  | 6.30 |       |       | 2.00  |       |       |
|      | 7.30 | 2.06 | 2.62 | 8.03 | 4.47 | 1.78 | 8.82 | 7.80 | 0.51  | 7.50 |       |       | 1.00  | 6.70  | 1.80  |
| 4.10 |      | 1.60 | 7.01 |      | 0.51 | 8.84 | 5.28 | 1.78 | 9.55  | 8.45 |       |       | 0.55  | 7.10  | 1.60  |
| 4.50 |      | 1.40 | 8.08 | 2.84 | 2.62 | 8.85 | 5.29 | 1.78 |       | 5.20 | 2.20  |       | 8.60  | 0.85  |       |
| 4.90 |      | 1.20 |      | 5.28 | 1.40 | 8.87 | 3.63 | 2.62 |       | 5.80 | 1.90  | 10.31 | 6.75  | 1.78  |       |
| 7.33 | 6.07 | 0.63 | 8.10 | 3.30 | 2.40 | 8.89 | 6.35 | 1.27 |       | 9.60 | 5.80  |       | 1.90  | 8.31  | 1.00  |
|      | 7.35 | 3.75 |      | 1.80 | 4.50 | 1.80 | 8.90 | 5.30 | 1.80  |      | 6.00  | 1.80  | 10.39 | 7.65  | 1.37  |
| 7.36 | 6.07 | 0.64 |      | 5.50 | 1.30 | 8.98 | 6.50 | 1.20 | 6.80  |      | 1.40  | 10.40 | 5.60  | 2.40  |       |
|      | 7.40 | 4.06 |      | 1.65 | 5.90 |      | 1.10 | 5.34 | 1.82  |      | 9.61  |       | 6.17  | 1.72  | 6.00  |
| 7.45 | 5.00 | 1.20 | 6.10 | 1.00 | 9.00 | 4.00 | 2.50 | 9.63 | 6.07  | 1.78 | 7.00  |       | 1.70  |       |       |
|      | 7.48 | 5.96 | 0.76 | 8.11 |      | 6.07 | 1.02 | 5.00 | 2.00  | 9.64 | 6.80  |       | 1.42  | 9.20  | 0.60  |
| 7.50 | 2.50 | 2.50 | 8.13 | 6.35 |      | 0.89 | 5.20 | 1.90 | 9.65  | 6.80 | 1.42  | 10.47 | 5.23  | 2.62  |       |
|      | 3.30 | 2.10 | 8.15 | 4.75 |      | 1.70 | 6.00 | 1.50 | 9.66  | 5.33 | 2.16  | 10.49 | 6.89  | 1.80  |       |
|      | 3.50 | 2.00 | 8.20 | 4.80 |      | 1.70 | 6.50 | 1.25 | 9.69  | 4.42 | 2.62  | 10.50 | 6.50  | 2.00  |       |
|      | 3.70 | 1.90 |      | 5.00 |      | 1.60 | 7.00 | 1.00 | 9.70  | 7.65 | 1.02  |       | 6.90  | 1.80  |       |
|      | 4.00 | 1.75 | 8.22 | 6.60 |      | 0.81 | 7.40 | 0.80 | 9.70  | 6.50 | 1.60  |       | 7.50  | 1.50  |       |
|      | 4.50 | 1.50 | 8.24 | 4.68 |      | 1.78 | 7.80 | 0.60 |       | 7.30 | 1.20  |       | 8.00  | 1.25  |       |
|      | 4.70 | 1.40 | 8.25 | 5.97 |      | 1.14 | 8.00 | 0.50 |       | 7.70 | 1.00  | 8.50  | 1.00  |       |       |
|      | 5.50 | 1.00 | 8.30 | 5.10 |      | 1.60 | 8.10 | 0.45 |       | 7.90 | 0.90  | 10.52 | 9.50  | 0.51  |       |
|      | 5.80 | 0.85 |      | 6.30 | 1.00 | 9.01 | 6.53 | 1.24 | 8.50  | 0.60 | 10.56 | 9.30  | 0.63  |       |       |
|      | 6.50 | 0.50 | 8.32 | 4.76 | 1.78 | 9.06 | 6.78 | 1.14 | 9.80  | 4.80 | 2.50  | 6.60  | 2.00  |       |       |
| 7.54 | 4.70 | 1.42 | 8.39 | 4.47 | 1.96 | 9.09 | 7.67 | 0.71 |       | 5.80 | 2.00  | 6.80  | 1.90  |       |       |
|      | 7.57 | 4.77 | 1.40 | 8.40 | 3.00 | 2.70 | 9.10 | 4.30 |       | 2.40 | 6.10  | 1.85  | 8.00  | 1.30  |       |
| 7.60 | 3.80 | 1.90 | 3.60 |      | 2.40 | 5.50 |      | 1.80 | 9.83  | 6.07 | 1.88  | 10.60 | 8.20  | 1.20  |       |
|      | 4.00 | 1.80 | 4.00 |      | 2.20 | 7.50 |      | 0.80 | 9.84  | 7.50 | 1.17  |       | 8.60  | 1.00  |       |
|      | 4.30 | 1.65 | 5.80 |      | 1.30 | 9.15 | 5.75 | 1.70 | 9.85  | 7.45 | 1.20  |       | 9.00  | 0.80  |       |
|      | 5.46 | 1.07 | 6.00 |      | 1.20 |      | 5.60 | 1.80 | 9.86  | 6.00 | 1.93  |       | 10.62 | 8.28  | 1.17  |
|      | 5.60 | 1.00 | 6.20 |      | 1.10 | 9.20 | 6.00 | 1.60 | 9.90  | 6.30 | 1.80  | 10.65 | 8.95  | 0.85  |       |
| 5.80 | 0.90 | 8.43 | 3.61 | 2.41 | 6.40 |      | 1.40 | 8.30 |       | 0.80 | 9.45  |       | 0.60  |       |       |
| 7.65 | 6.07 | 0.79 | 8.47 | 4.87 | 1.80 | 9.24 | 7.10 | 1.07 | 9.91  | 6.35 | 1.78  | 7.10  | 1.80  |       |       |
|      | 7.70 | 3.70 | 2.00 | 8.50 | 4.50 | 2.00 | 9.30 | 5.20 | 2.05  | 9.93 | 6.73  | 1.60  | 7.50  | 1.60  |       |
| 7.75 | 5.25 | 1.25 | 5.00 |      | 1.75 | 5.70 |      | 1.80 | 9.97  | 8.25 | 0.86  | 10.80 | 6.80  | 2.00  |       |
|      | 6.15 | 0.80 | 5.50 |      | 1.50 | 6.10 |      | 1.60 | 10.00 | 6.73 | 1.63  |       | 8.60  | 1.10  |       |
|      |      |      | 6.50 |      | 1.00 | 6.90 |      | 1.20 |       |      |       |       | 9.20  | 0.80  |       |

## 外径順金型表

外径 10.80 ~ 14.70

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10.80 | 9.80  | 0.50  | 11.60 | 7.20  | 2.20  | 12.30 | 9.30  | 1.50  | 13.00 | 10.00 | 1.50  | 14.00 | 9.00  | 2.50  |       |       |
|       | 10.00 | 0.40  |       | 7.80  | 1.90  |       | 9.50  | 1.40  |       | 10.80 | 1.10  |       | 10.00 | 2.00  |       |       |
| 10.82 | 10.00 | 0.41  |       | 8.00  | 1.80  | 12.31 | 11.05 | 0.63  |       | 11.00 | 1.00  |       | 11.00 | 1.50  |       |       |
|       | 10.91 | 7.65  |       | 1.63  | 10.50 | 0.55  | 12.32 | 11.00 |       | 0.66  | 11.60 |       | 0.70  | 11.60 | 1.20  |       |
| 8.37  |       | 1.27  | 11.69 | 5.59  | 3.05  | 12.35 | 8.75  | 1.80  | 13.08 | 9.52  | 1.78  |       | 11.80 | 1.10  |       |       |
| 10.92 | 8.38  | 1.27  |       | 4.30  | 3.70  |       | 12.40 | 7.60  | 2.40  | 13.09 | 9.53  |       | 1.78  | 12.00 | 1.00  |       |
|       | 10.97 | 8.97  | 1.00  | 11.70 | 7.30  | 2.20  |       | 8.00  | 2.20  | 13.10 | 8.30  |       | 2.40  | 12.50 | 0.75  |       |
| 11.00 |       | 4.80  | 3.10  |       | 7.50  | 2.10  |       | 12.41 | 9.00  |       | 1.70  |       | 13.20 | 8.50  | 2.30  | 12.80 |
|       | 5.00  | 3.00  | 11.79 | 9.25  | 1.27  | 9.80  |       |       | 1.30  |       | 9.50  |       |       | 1.80  | 13.00 | 0.50  |
|       | 6.00  | 2.50  |       | 11.80 | 8.00  | 1.90  |       |       | 10.00 |       | 1.20  |       |       | 10.50 | 1.30  | 14.10 |
|       | 7.00  | 2.00  | 8.80  |       | 1.50  | 10.40 |       |       | 1.00  |       | 10.70 | 1.20  |       | 9.30  | 2.40  |       |
|       | 7.20  | 1.90  | 9.00  |       | 1.40  | 12.50 | 12.41 | 7.61  | 2.40  |       | 10.82 | 1.14  |       | 10.30 | 1.90  |       |
|       | 7.40  | 1.80  | 9.40  |       | 1.20  |       | 12.51 | 7.00  | 2.75  | 13.11 | 10.83 | 1.14  |       | 12.50 | 0.80  |       |
|       | 8.00  | 1.50  | 9.80  | 1.00  | 7.50  | 2.50  |       | 13.14 | 7.90  | 2.62  | 12.60 | 0.75  |       |       |       |       |
|       | 8.20  | 1.40  | 10.60 | 0.60  | 8.50  | 2.00  |       | 13.15 | 9.75  | 1.70  | 14.12 | 12.80 | 0.66  |       |       |       |
|       | 8.50  | 1.25  | 11.00 | 0.40  | 9.50  | 1.50  |       |       | 13.20 | 9.40  | 1.90  | 14.18 | 10.52 | 1.83  |       |       |
|       | 9.00  | 1.00  | 11.89 | 10.31 | 0.79  | 10.50 | 1.00  | 13.30 |       | 10.00 | 1.60  | 14.19 | 12.19 | 1.00  |       |       |
| 9.60  | 0.70  | 11.90 | 9.30  | 1.30  | 11.30 | 0.60  | 13.31 |       | 11.40 | 0.90  | 14.20 | 7.40  | 3.40  |       |       |       |
| 11.03 | 9.25  |       | 0.89  | 10.30 | 0.80  | 12.51 |       | 11.91 | 0.30  | 12.00 |       | 0.60  | 9.70  | 2.25  |       |       |
|       | 11.10 | 6.30  | 2.40  | 11.94 | 9.40  | 1.27  | 12.58 | 8.92  | 1.83  | 13.25 |       | 9.25  | 2.00  | 10.00 | 2.10  |       |
| 7.10  |       | 2.00  | 6.00  |       | 3.00  | 9.02  |       | 1.78  | 13.30 | 10.10 |       | 1.60  | 10.60 | 1.80  |       |       |
| 7.50  |       | 1.80  | 7.00  |       | 2.50  | 7.80  | 2.40  | 13.31 |       | 12.50 | 0.40  | 11.60 | 1.30  |       |       |       |
| 9.50  |       | 0.80  | 7.60  |       | 2.20  | 8.80  | 1.90  |       | 13.36 | 9.75  | 1.78  | 12.00 | 1.10  |       |       |       |
| 11.15 | 7.75  | 1.70  | 8.00  | 2.00  | 12.60 | 9.00  | 1.80  | 13.31 |       | 9.85  | 1.73  | 12.20 | 1.00  |       |       |       |
|       | 11.17 | 9.60  | 0.787 | 9.00  |       | 1.50  | 10.00 |       | 1.30  | 13.40 | 10.82 | 1.27  | 14.30 | 7.50  | 3.40  |       |
| 11.20 |       | 6.80  | 2.20  | 9.40  |       | 1.30  | 10.40 | 1.10  | 13.40 |       | 5.20  | 4.10  |       | 8.90  | 2.70  |       |
|       | 8.00  | 1.60  | 9.60  | 1.20  |       | 10.82 | 0.89  | 13.40 |       | 8.60  | 2.40  | 10.50 |       | 1.90  |       |       |
|       | 8.20  | 1.50  | 9.80  | 1.10  | 12.67 | 9.53  | 1.57  |       | 9.00  | 2.20  | 11.10 | 1.60  |       |       |       |       |
|       | 9.00  | 1.10  | 10.00 | 1.00  | 12.69 | 9.53  | 1.58  | 12.40 | 0.50  | 14.33 | 11.63 | 1.35  |       |       |       |       |
| 11.21 | 7.65  | 1.78  | 10.20 | 0.90  | 12.70 | 7.70  | 2.50  | 13.44 | 9.00  | 2.22  | 14.38 | 10.82 | 1.78  |       |       |       |
|       | 11.22 | 7.66  | 1.78  | 10.40 |       | 0.80  | 8.64  | 2.03  | 13.46 | 3.96  | 4.75  | 14.40 | 8.00  | 3.20  |       |       |
| 11.26 |       | 6.02  | 2.62  | 10.80 |       | 0.60  | 8.90  | 1.90  | 13.47 | 9.91  | 1.78  |       | 9.16  | 2.62  |       |       |
|       | 8.22  | 1.52  | 12.00 | 8.55  |       | 1.75  | 9.50  | 1.60  | 13.50 | 7.50  | 3.00  |       | 9.60  | 2.40  |       |       |
|       | 11.30 | 6.10  |       | 2.60  | 12.05 | 8.51  | 1.78  | 12.75 |       | 11.73 | 0.51  |       | 9.50  | 2.00  | 10.00 | 2.20  |
|       |       | 8.10  |       | 1.60  |       | 10.49 | 0.79  |       |       | 6.40  | 3.20  | 10.50 | 1.50  | 10.80 | 1.80  |       |
| 8.30  | 1.50  | 12.07 |       | 7.30  | 2.40  | 12.80 | 8.00  | 2.40  |       | 11.50 | 1.00  | 11.80 | 1.30  |       |       |       |
| 8.70  | 1.30  |       | 8.50  | 1.80  | 9.80  |       | 1.50  | 13.53 | 11.91 | 0.81  | 12.00 | 1.20  |       |       |       |       |
| 11.35 | 6.35  | 2.50  | 8.70  | 1.70  | 12.81 | 10.60 | 1.10  | 13.58 | 9.92  | 1.83  | 14.43 | 9.19  | 2.62  |       |       |       |
|       | 11.40 | 4.34  | 3.53  | 8.90  |       | 1.60  | 11.60 | 0.60  | 13.60 | 9.80  | 1.90  | 14.50 | 10.50 | 2.00  |       |       |
| 6.60  |       | 2.40  | 9.50  | 1.30  |       | 12.81 | 9.25  | 1.78  |       | 10.00 | 1.80  |       | 10.70 | 1.90  |       |       |
| 7.80  |       | 1.80  | 10.50 | 0.80  |       | 12.83 | 7.59  | 2.62  |       | 11.00 | 1.30  |       | 11.50 | 1.50  |       |       |
| 9.00  |       | 1.20  | 10.82 | 0.64  | 12.84 | 7.60  | 2.62  | 13.00 |       | 0.30  | 11.90 |       | 1.30  |       |       |       |
| 11.44 | 9.40  | 1.02  | 12.15 | 8.75  | 1.70  | 12.85 | 9.45  | 1.70  | 13.62 | 9.62  | 2.00  | 12.50 | 1.00  |       |       |       |
|       | 11.50 | 5.50  | 3.00  | 12.18 | 9.14  | 1.52  | 12.88 | 10.64 | 1.12  | 13.70 | 10.70 | 1.50  | 14.55 | 10.85 | 1.85  |       |
| 7.50  |       | 2.00  | 12.20 | 7.80  | 2.20  | 12.90 | 7.90  | 2.50  | 13.72 | 11.18 | 1.27  | 14.58 | 7.52  | 3.53  |       |       |
| 8.50  |       | 1.50  |       | 8.20  | 2.00  |       | 9.90  | 1.50  | 13.77 | 10.31 | 1.73  | 9.80  | 2.40  |       |       |       |
| 9.50  |       | 1.00  |       | 8.60  | 1.80  |       | 11.90 | 0.50  | 13.80 | 12.60 | 0.60  | 13.00 | 0.80  |       |       |       |
| 9.90  |       | 0.80  |       | 9.50  | 1.35  |       | 12.95 | 10.41 | 1.27  | 13.86 | 10.30 | 1.78  | 14.65 | 11.65 | 1.50  |       |
| 10.00 |       | 0.75  | 11.20 | 0.50  | 13.00 | 5.00  | 4.00  | 13.90 | 10.30 | 1.80  | 14.66 | 13.64 | 0.51  |       |       |       |
| 11.53 | 9.25  | 1.14  | 12.26 | 8.70  |       | 1.78  | 5.94  | 3.53  | 13.95 | 9.15  | 2.40  | 14.67 | 11.11 | 1.78  |       |       |
|       | 11.60 | 3.60  | 4.00  | 12.29 |       | 8.73  | 1.78  | 7.00  | 3.00  | 13.96 | 9.90  | 2.03  | 14.70 | 8.70  | 3.00  |       |
| 6.80  |       | 2.40  | 12.30 | 6.30  |       | 3.00  | 8.00  | 2.50  | 13.98 | 11.18 | 1.40  | 11.50 |       | 1.60  |       |       |
|       |       |       | 9.10  | 1.60  |       | 9.00  | 2.00  | 14.00 | 8.00  | 3.00  | 13.00 | 0.85  |       |       |       |       |

## 外径順金型表

外径 14.70 ~ 19.00

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 14.70 | 13.50 | 0.60  | 15.62 | 14.00 | 0.81  | 16.50 | 15.50 | 0.50  | 17.50 | 15.50 | 1.00  | 18.36 | 16.74 | 0.81  |       |
| 14.80 | 10.00 | 2.40  | 15.70 | 11.30 | 2.20  |       | 15.80 | 0.35  |       | 16.50 | 0.50  | 18.37 | 14.81 | 1.78  |       |
|       | 11.00 | 1.90  |       | 14.50 | 0.60  | 16.60 | 11.60 | 2.50  | 16.70 | 0.40  | 18.40 | 13.40 | 2.50  |       |       |
|       | 11.20 | 1.80  | 15.72 | 14.20 | 0.76  |       | 11.80 | 2.40  | 17.56 | 14.00 |       | 1.78  | 13.60 | 2.40  |       |
|       | 11.80 | 1.50  | 15.75 | 14.75 | 0.50  | 15.00 | 0.80  | 17.60 | 12.40 | 2.60  |       | 14.00 | 2.20  |       |       |
|       | 12.80 | 1.00  | 15.80 | 10.80 | 2.50  | 16.64 | 13.94 |       | 1.35  | 12.80 |       | 2.40  | 16.00 | 1.20  |       |
|       | 13.00 | 0.90  |       | 11.00 | 2.40  | 16.68 | 11.44 | 2.62  | 13.60 | 2.00  |       | 17.00 | 0.70  |       |       |
|       | 14.00 | 0.40  |       | 13.00 | 1.40  | 16.70 | 11.70 | 2.50  | 13.80 | 1.90  | 17.20 | 0.60  |       |       |       |
| 14.85 | 12.57 | 1.14  |       | 13.60 | 1.10  |       | 13.70 | 1.50  | 14.00 | 1.80  | 17.40 | 0.50  |       |       |       |
| 14.90 | 13.30 | 0.80  |       | 13.80 | 1.00  | 16.72 | 14.68 | 1.02  | 16.00 | 0.80  | 18.46 | 17.40 | 0.53  |       |       |
| 14.92 | 11.20 | 1.86  | 15.00 | 0.40  | 16.75 | 12.75 | 2.00  | 17.00 | 0.30  | 18.50 | 10.50 | 4.00  |       |       |       |
| 15.00 | 5.00  | 5.00  | 15.83 | 14.81 | 0.51  | 16.76 | 12.40 | 2.18  | 17.61 |       | 12.37 | 2.62  | 11.50 | 3.50  |       |
|       | 8.60  | 3.20  | 15.84 | 12.70 | 1.57  | 16.80 | 13.00 | 1.90  | 17.62 |       | 13.46 | 2.08  | 13.50 | 2.50  |       |
|       | 9.00  | 3.00  | 15.85 | 11.89 | 1.98  |       | 13.20 | 1.80  | 16.76 |       | 0.43  | 14.50 | 2.00  |       |       |
|       | 9.60  | 2.70  |       | 15.01 | 0.42  |       | 13.40 | 1.70  | 17.63 |       | 13.47 | 2.08  | 15.50 | 1.50  |       |
|       | 10.00 | 2.50  | 15.87 | 12.73 | 1.57  |       | 16.00 | 0.40  | 17.70 |       | 12.70 | 2.50  | 16.00 | 1.25  |       |
|       | 11.00 | 2.00  | 15.90 | 10.50 | 2.70  | 16.94 | 13.34 | 1.80  |       |       | 14.50 | 1.60  | 16.50 | 1.00  |       |
|       | 11.20 | 1.90  | 15.98 | 12.42 | 1.78  | 16.98 | 12.50 | 2.24  |       |       | 14.70 | 1.50  | 17.50 | 0.50  |       |
|       | 11.80 | 1.60  | 16.00 | 6.00  | 5.00  |       | 13.32 | 1.83  | 16.50 |       | 0.60  | 17.70 | 0.40  |       |       |
|       | 12.00 | 1.50  |       | 8.00  | 4.00  | 17.00 | 7.00  | 5.00  | 17.75 |       | 10.69 | 3.53  | 18.52 | 17.70 | 0.41  |
|       | 13.00 | 1.00  |       | 10.00 | 3.00  |       | 12.00 | 2.50  | 17.80 | 13.00 | 2.40  | 18.55 | 16.65 | 0.95  |       |
| 14.00 | 0.50  | 11.00 |       | 2.50  | 13.00 |       | 2.00  | 13.80 |       | 2.00  | 18.60 | 13.80 | 2.40  |       |       |
| 15.01 | 13.69 | 0.66  |       | 11.80 | 2.10  |       | 14.00 | 1.50  |       | 14.80 |       | 1.50  | 14.80 | 1.90  |       |
| 15.04 | 9.80  | 2.62  |       | 12.00 | 2.00  |       | 14.60 | 1.20  |       | 16.20 |       | 0.80  | 15.00 | 1.80  |       |
| 15.06 | 10.26 | 2.40  | 12.20 | 1.90  | 14.70 |       | 1.15  | 16.60 | 0.60  | 16.20 |       | 1.20  |       |       |       |
| 15.10 | 10.30 | 2.40  | 12.40 | 1.80  | 15.00 | 1.00  | 17.00 | 0.40  | 17.60 | 0.50  |       |       |       |       |       |
|       | 11.50 | 1.80  | 13.00 | 1.50  | 15.88 | 0.56  | 17.90 | 15.62 | 1.14  | 18.00 | 0.30  |       |       |       |       |
|       | 12.00 | 1.55  | 14.00 | 1.00  | 16.00 | 0.50  |       | 16.50 | 0.70  | 14.90 | 1.90  |       |       |       |       |
|       | 13.50 | 0.80  | 15.00 | 0.50  | 17.06 | 16.00 |       | 0.53  | 16.60 | 0.65  | 17.50 | 0.60  |       |       |       |
| 15.11 | 11.91 | 1.60  | 16.01 | 10.77 | 2.62  | 17.09 | 9.73  | 3.68  | 17.10 | 0.40  | 18.76 | 14.90 | 1.93  |       |       |
| 15.15 | 9.15  | 3.00  | 16.02 | 10.78 | 2.62  | 17.10 | 12.30 | 2.40  | 17.91 | 16.33 | 0.79  | 18.76 | 15.20 | 1.78  |       |
| 15.16 | 9.92  | 2.62  | 16.10 | 11.30 | 2.40  |       | 14.50 | 1.30  | 17.93 | 15.65 | 1.14  | 18.79 | 16.51 | 1.14  |       |
| 15.20 | 13.00 | 1.10  |       | 12.30 | 1.90  | 17.15 | 11.91 | 2.62  | 17.95 | 12.37 | 2.79  |       | 16.79 | 1.00  |       |
| 15.25 | 11.25 | 2.00  |       | 12.50 | 1.80  |       | 15.15 | 1.00  | 17.99 | 14.43 | 1.78  | 18.80 | 9.80  | 4.50  |       |
| 15.30 | 11.50 | 1.90  | 16.18 | 9.12  | 3.53  | 17.20 | 11.00 | 3.10  | 18.00 | 8.00  | 5.00  |       | 13.40 | 2.70  |       |
|       | 12.10 | 1.60  | 16.20 | 10.60 | 2.80  |       | 12.40 | 2.40  |       | 10.00 | 4.00  |       | 14.00 | 2.40  |       |
| 15.35 | 9.85  | 2.75  |       | 11.20 | 2.50  |       | 13.40 | 1.90  |       | 12.00 | 3.00  |       | 15.00 | 1.90  |       |
| 15.38 | 12.90 | 1.24  |       | 11.70 | 2.25  |       | 14.00 | 1.60  |       | 13.00 | 2.50  |       | 17.30 | 0.75  |       |
| 15.40 | 10.60 | 2.40  |       | 12.40 | 1.90  |       | 16.00 | 0.60  |       | 14.00 | 2.00  |       | 14.00 | 2.00  | 17.40 |
|       | 11.80 | 1.80  | 16.25 | 11.65 | 2.30  | 17.25 | 12.45 | 2.40  | 15.00 | 1.50  | 17.60 |       | 0.60  |       |       |
| 15.50 | 12.80 | 1.30  | 16.26 | 13.46 | 1.40  | 17.30 | 12.50 | 2.40  | 16.00 | 1.00  | 17.80 |       | 0.50  |       |       |
|       | 11.50 | 2.00  | 16.30 | 13.00 | 1.65  |       | 14.10 | 1.60  | 17.00 | 0.50  | 18.00 |       | 0.40  |       |       |
|       | 12.10 | 1.70  |       | 13.10 | 1.60  |       | 15.90 | 0.70  | 18.08 | 16.08 | 1.00  |       | 18.85 | 17.35 | 0.75  |
|       | 12.50 | 1.50  | 10.80 | 2.80  | 16.50 |       | 0.40  | 13.30 |       | 2.40  | 18.86 | 17.50 | 0.68  |       |       |
| 13.00 | 1.25  | 16.40 | 11.60 | 2.40  | 17.40 | 11.30 | 3.05  | 18.10 | 16.50 | 0.80  | 18.90 | 16.90 | 1.00  |       |       |
| 13.50 | 1.00  |       | 13.60 | 1.40  |       | 12.60 | 2.40  |       | 16.60 | 0.75  | 18.95 | 16.15 | 1.40  |       |       |
| 15.57 | 13.59 |       | 0.99  | 14.00 |       | 1.20  | 15.80 |       | 0.80  | 11.80 | 3.20  | 19.00 | 9.00  | 5.00  |       |
| 15.60 | 9.60  | 3.00  | 16.46 | 10.80 |       | 2.83  | 17.46 |       | 15.88 | 0.79  | 13.70 |       | 2.25  | 11.00 | 4.00  |
|       | 10.00 | 2.80  | 16.50 | 11.50 |       | 2.50  | 17.50 |       | 8.00  | 4.75  | 15.90 |       | 1.15  | 13.00 | 3.00  |
|       | 10.80 | 2.40  |       | 12.50 | 2.00  | 9.50  |       | 4.00  | 17.00 | 0.60  | 13.60 |       | 2.70  |       |       |
|       | 11.80 | 1.90  |       | 13.50 | 1.50  | 12.10 |       | 2.70  | 15.10 | 1.60  | 14.00 |       | 2.50  |       |       |
|       | 12.30 | 1.65  |       | 14.50 | 1.00  | 13.50 |       | 2.00  | 17.50 | 0.40  | 15.00 | 2.00  |       |       |       |
| 15.00 | 0.30  |       |       |       | 14.50 | 1.50  |       | 18.34 | 13.10 | 2.62  | 16.00 | 1.50  |       |       |       |

## 外径順金型表

外径 19.00 ~ 22.60

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径   | 外径 | 内径 | 線径 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|
| 19.00 | 17.00 | 1.00  | 19.90 | 18.70 | 0.60  | 20.60 | 15.88 | 2.36  | 21.20 | 20.00 | 0.60  | 22.00 | 20.00 | 1.00 |    |    |    |
|       | 17.88 | 0.56  | 19.97 | 18.85 | 0.56  |       | 16.80 | 1.90  |       | 20.20 | 0.50  |       | 20.50 | 0.75 |    |    |    |
|       | 18.00 | 0.50  | 20.00 | 10.00 | 5.00  |       | 17.00 | 1.80  |       | 20.40 | 0.40  |       | 20.60 | 0.70 |    |    |    |
| 19.04 | 8.48  | 5.28  |       | 12.00 | 4.00  |       | 18.00 | 1.30  | 21.23 | 19.41 | 0.91  |       | 20.80 | 0.60 |    |    |    |
|       | 13.50 | 2.77  |       | 14.00 | 3.00  |       | 19.00 | 0.80  |       | 16.00 | 2.65  |       | 21.00 | 0.50 |    |    |    |
| 19.10 | 14.30 | 2.40  |       | 15.00 | 2.50  |       | 19.60 | 0.50  | 21.30 | 17.50 | 1.90  | 22.10 | 16.50 | 2.80 |    |    |    |
|       | 18.00 | 0.55  | 16.00 | 2.00  | 20.00 | 0.30  | 17.74 | 1.78  |       | 17.30 | 2.40  |       |       |      |    |    |    |
| 19.16 | 15.60 | 1.78  | 17.00 | 1.50  | 20.64 | 17.46 | 1.59  | 18.10 |       | 1.60  | 19.50 |       | 1.30  |      |    |    |    |
| 19.18 | 13.94 | 2.62  | 17.40 | 1.30  | 20.65 | 19.25 | 0.70  | 20.50 |       | 0.40  | 20.50 |       | 0.80  |      |    |    |    |
| 19.19 | 13.95 | 2.62  | 18.00 | 1.00  | 20.70 | 16.30 | 2.20  | 21.40 | 16.00 | 2.70  | 20.70 |       | 0.70  |      |    |    |    |
| 19.20 | 14.39 | 2.40  | 18.80 | 0.60  |       | 16.70 | 2.00  |       | 16.40 | 2.50  | 21.00 | 0.55  |       |      |    |    |    |
|       | 12.80 | 3.20  | 19.00 | 0.50  |       | 19.20 | 0.75  |       | 16.60 | 2.40  | 22.17 | 17.17 | 2.50  |      |    |    |    |
|       | 13.60 | 2.80  | 20.05 | 19.05 |       | 0.50  | 19.50 |       | 0.60  | 19.80 | 0.80  | 22.20 | 17.70 | 2.25 |    |    |    |
|       | 16.00 | 1.60  | 20.10 | 15.10 | 2.50  | 20.73 | 17.17 | 1.78  | 20.00 | 0.70  | 18.40 |       | 1.90  |      |    |    |    |
| 17.20 | 1.00  | 15.30 |       | 2.40  | 20.75 | 18.15 | 1.30  | 21.49 | 17.93 | 1.78  | 19.80 | 1.20  |       |      |    |    |    |
| 17.80 | 0.70  | 17.90 |       | 1.10  | 20.78 | 14.94 | 2.92  | 21.50 | 13.50 | 4.00  | 20.20 | 1.00  |       |      |    |    |    |
| 18.00 | 0.60  | 18.50 |       | 0.80  |       | 15.54 | 2.62  |       | 15.50 | 3.00  | 21.00 | 0.60  |       |      |    |    |    |
| 19.30 | 14.00 | 2.65  | 20.20 | 8.20  | 6.00  | 16.36 | 2.21  |       | 18.50 | 1.50  | 22.30 | 16.90 | 2.70  |      |    |    |    |
|       | 16.10 | 1.60  |       | 15.70 | 2.25  | 15.20 | 2.80  |       | 19.50 | 1.00  |       | 17.00 | 2.65  |      |    |    |    |
|       | 16.50 | 1.40  |       | 17.00 | 1.60  | 17.20 | 1.80  | 20.00 | 0.75  | 18.90 |       | 1.70  |       |      |    |    |    |
| 18.50 | 0.40  | 17.20 |       | 1.50  | 17.80 | 1.50  | 20.50 | 0.50  | 19.10 | 1.60  |       |       |       |      |    |    |    |
| 19.35 | 12.29 | 3.53  | 17.60 | 1.30  | 20.80 | 19.00 | 0.90  | 21.60 | 14.60 | 3.50  |       | 20.80 | 0.75  |      |    |    |    |
| 19.36 | 16.30 | 1.53  | 19.00 | 0.60  |       | 19.20 | 0.80  |       | 16.80 | 2.40  | 21.30 | 0.50  |       |      |    |    |    |
| 19.40 | 12.60 | 3.40  | 19.40 | 0.40  |       | 19.80 | 0.50  |       | 17.80 | 1.90  | 21.50 | 0.40  |       |      |    |    |    |
|       | 14.60 | 2.40  | 20.21 | 16.25 |       | 1.98  | 20.00 |       | 0.40  | 18.00 | 1.80  | 22.33 | 18.77 | 1.78 |    |    |    |
|       | 17.00 | 1.20  | 20.23 | 19.41 | 0.41  | 20.83 | 19.05 | 0.89  | 18.20 | 1.70  | 22.36 | 17.12 | 2.62  |      |    |    |    |
|       | 17.60 | 0.90  | 20.30 | 15.00 | 2.65  | 20.85 | 19.35 | 0.75  | 20.00 | 0.80  | 19.16 | 1.60  |       |      |    |    |    |
| 18.00 | 0.70  | 16.80 |       | 1.75  | 20.90 | 16.40 | 2.25  | 20.20 | 0.70  | 22.37 | 19.89 | 1.24  |       |      |    |    |    |
| 18.20 | 0.60  | 17.10 |       | 1.60  |       | 19.80 | 0.55  | 21.66 | 20.40 | 0.63  | 22.40 | 16.00 | 3.20  |      |    |    |    |
| 19.44 | 15.88 | 1.78  |       | 18.50 | 0.90  | 20.93 | 13.87 | 3.53  | 16.70 | 2.50  |       | 17.60 | 2.40  |      |    |    |    |
| 19.50 | 11.50 | 4.00  | 18.70 | 0.80  | 20.95 | 14.95 | 3.00  | 18.50 | 1.60  | 18.00 |       | 2.20  |       |      |    |    |    |
|       | 14.50 | 2.50  | 18.90 | 0.70  | 20.96 | 19.80 | 0.58  | 20.70 | 0.50  | 19.80 |       | 1.30  |       |      |    |    |    |
|       | 16.50 | 1.50  | 19.00 | 0.65  | 21.00 | 11.00 | 5.00  | 21.80 | 17.80 | 2.00  |       | 20.60 | 0.90  |      |    |    |    |
|       | 17.50 | 1.00  | 20.32 | 15.08 |       | 2.62  | 13.00 |       | 4.00  | 18.00 | 1.90  | 20.80 | 0.80  |      |    |    |    |
| 18.50 | 0.50  | 20.35 | 18.85 | 0.75  |       | 15.00 | 3.00  |       | 20.00 | 0.90  | 21.00 | 0.70  |       |      |    |    |    |
| 19.55 | 18.35 | 0.60  | 20.40 | 15.60 |       | 2.40  | 15.90 |       | 2.55  | 20.60 | 0.60  | 22.47 | 18.77 | 1.85 |    |    |    |
| 19.60 | 14.80 | 2.40  |       | 17.80 | 1.30  | 16.00 | 2.50  | 16.00 | 2.50  | 21.00 | 0.40  | 22.50 | 14.50 | 4.00 |    |    |    |
|       | 15.80 | 1.90  |       | 18.60 | 0.90  | 17.00 | 2.00  | 17.00 | 2.00  | 20.35 | 0.75  |       | 19.00 | 1.75 |    |    |    |
|       | 16.00 | 1.80  |       | 19.00 | 0.70  | 18.00 | 1.50  | 18.00 | 1.50  | 16.50 | 2.70  |       | 19.50 | 1.50 |    |    |    |
|       | 16.60 | 1.50  | 20.41 | 18.59 | 0.91  | 19.00 | 1.00  | 21.85 | 20.35 | 0.75  | 20.80 |       | 0.85  |      |    |    |    |
|       | 18.00 | 0.80  | 20.46 | 15.22 | 2.62  | 19.20 | 0.90  | 21.90 | 20.30 | 0.80  | 21.00 |       | 0.75  |      |    |    |    |
| 18.20 | 0.70  | 18.42 |       | 1.02  | 19.60 | 0.70  | 21.95 | 19.85 | 1.05  | 21.10 | 0.70  |       |       |      |    |    |    |
| 19.70 | 15.30 | 2.20  | 20.48 | 16.66 | 1.91  | 19.80 | 0.60  | 21.97 | 20.35 | 0.80  | 21.50 | 0.50  |       |      |    |    |    |
|       | 16.30 | 1.70  | 20.50 | 6.50  | 7.00  | 20.00 | 0.50  |       | 20.35 | 0.81  | 22.53 | 15.47 | 3.53  |      |    |    |    |
|       | 18.20 | 0.75  |       | 11.50 | 4.50  | 21.10 | 16.30 | 2.40  | 22.00 | 10.00 | 6.00  | 22.55 | 21.35 | 0.60 |    |    |    |
| 18.50 | 0.60  | 15.10 |       | 2.70  | 16.90 |       | 2.10  | 14.00 |       | 4.00  | 22.56 | 19.00 | 1.78  |      |    |    |    |
| 19.80 | 16.60 | 1.60  |       | 15.50 | 2.50  |       | 18.50 | 1.30  |       | 15.00 | 3.50  | 22.58 | 21.38 | 0.60 |    |    |    |
|       | 16.80 | 1.50  | 16.50 | 2.00  | 18.70 |       | 1.20  | 16.00 |       | 3.00  | 22.60 | 15.40 | 3.60  |      |    |    |    |
|       | 18.20 | 0.80  | 17.50 | 1.50  | 21.12 | 10.46 | 5.33  | 17.00 | 2.50  | 17.80 |       | 2.40  |       |      |    |    |    |
| 19.00 | 0.40  | 18.50 | 1.00  | 21.16 | 15.88 | 2.62  | 17.20 | 2.40  | 18.80 | 1.90  |       |       |       |      |    |    |    |
| 19.87 | 18.39 | 0.74  | 19.00 | 0.75  | 21.20 | 20.10 | 0.53  | 17.60 | 2.20  | 19.00 |       | 1.80  |       |      |    |    |    |
| 19.90 | 16.20 | 1.85  | 19.50 | 0.50  | 21.20 | 19.60 | 0.80  | 18.00 | 2.00  | 20.00 |       | 1.30  |       |      |    |    |    |
|       | 18.50 | 0.70  | 20.60 | 15.80 |       | 2.40  | 19.80 | 0.70  | 19.00 | 1.50  | 21.00 | 0.80  |       |      |    |    |    |

## 外径順金型表

外径 22.60 ~ 27.50

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 22.60 | 21.40 | 0.60  | 23.60 | 19.80 | 1.90  | 24.50 | 21.50 | 1.50  | 25.50 | 19.50 | 3.00  | 26.40 | 23.80 | 1.30  |       |       |       |       |       |
|       | 22.00 | 0.30  |       |       | 22.00 |       | 0.80  |       |       | 23.00 | 0.75  |       |       | 23.50 | 1.00  |       | 21.20 | 2.65  |       |
| 22.61 | 16.25 | 3.18  |       |       | 22.80 |       | 0.40  |       |       | 23.50 | 0.50  |       |       | 24.00 | 0.75  |       | 22.50 | 2.00  |       |
| 22.70 | 21.30 | 0.70  | 23.76 | 19.80 | 1.98  | 24.60 | 19.80 | 2.40  | 25.51 | 21.95 | 1.78  | 26.50 | 25.00 | 0.75  |       |       |       |       |       |
|       |       | 21.50 | 0.60  | 23.80 | 15.88 |       | 3.96  |       |       | 21.40 | 1.60  |       |       | 20.29 | 2.62  |       | 25.10 | 0.70  |       |
| 22.73 | 12.07 | 5.33  |       |       | 18.40 |       | 2.70  |       |       | 23.00 | 0.80  |       | 25.53 | 20.29 | 2.62  |       | 25.30 | 0.60  |       |
| 22.80 | 17.70 | 2.55  |       |       | 22.00 | 0.90  | 24.64 | 19.40 | 2.62  | 25.54 | 20.30 |       | 2.62  |       | 25.50 | 0.50  |       |       |       |
|       |       | 20.00 | 1.40  |       |       | 22.60 | 0.60  | 24.66 | 22.50 | 1.08  | 25.55 |       | 22.91 | 1.32  | 26.60 | 19.60 | 3.50  |       |       |
|       | 22.00 | 0.40  |       | 22.80 | 0.50  | 24.70 | 18.70 | 3.00  | 25.59 | 23.59 | 1.00  |       | 21.80 | 2.40  |       |       |       |       |       |
| 22.83 | 17.75 | 2.54  |       | 23.00 | 0.40  | 24.80 | 19.70 | 2.55  | 25.60 | 20.80 | 2.40  |       | 22.00 | 2.30  |       |       |       |       |       |
| 22.85 | 17.93 | 2.46  | 23.85 | 18.61 | 2.62  |       |       | 21.00 |       | 1.90  |       | 23.80 | 0.90  |       |       | 23.00 | 1.80  |       |       |
|       |       | 21.65 | 0.60  | 23.87 | 21.59 |       | 1.14  |       |       | 21.80 | 1.50  |       | 24.00 | 0.80  |       |       | 25.00 | 0.80  |       |
| 22.86 | 17.12 | 2.87  | 23.91 | 20.35 | 1.78  |       |       | 23.20 | 0.80  | 25.70 | 18.64 | 3.53  |       | 26.00 | 0.30  |       |       |       |       |
|       |       | 19.10 | 1.88  | 23.96 | 18.72 | 2.62  |       | 23.60 | 0.60  |       |       | 23.30 | 1.20  | 26.66 | 25.60 | 0.53  |       |       |       |
| 22.90 | 21.50 | 0.70  | 24.00 | 11.00 | 6.50  | 24.88 | 19.70 | 2.55  | 25.80 | 20.80 | 2.40  | 26.70 | 26.70 | 25.50 | 0.60  |       |       |       |       |
| 23.00 | 13.00 | 5.00  |       |       | 15.00 |       | 4.50  |       |       | 21.00 | 1.90  |       |       | 23.80 | 0.90  |       | 26.80 | 26.00 | 0.40  |
|       |       | 14.00 |       | 4.50  |       |       | 16.00 | 4.00  |       |       | 21.80 |       | 1.50  |       | 24.00 | 0.80  |       | 26.87 | 25.09 |
|       |       | 17.00 |       | 3.00  |       | 18.00 | 3.00  | 24.90 | 23.20 | 0.80  |       |       | 25.70 | 18.64 | 3.53  |       | 22.10 | 2.40  |       |
|       |       | 18.00 |       | 2.50  |       | 19.00 | 2.50  |       |       | 23.60 | 0.60  |       |       | 23.30 | 1.20  |       | 26.90 | 23.70 | 1.60  |
|       |       | 19.00 |       | 2.00  |       | 20.00 | 2.00  |       |       | 24.00 | 0.40  |       | 24.50 | 0.60  |       | 24.50 |       | 1.20  |       |
|       |       | 20.00 |       | 1.50  |       | 21.00 | 1.50  |       |       | 24.88 | 12.78 | 6.05  |       | 25.00 | 0.40  |       |       | 25.10 | 0.90  |
|       |       | 21.00 |       | 1.00  |       | 21.50 | 1.25  |       | 23.90 | 0.50  |       | 22.00 | 1.90  |       | 25.70 | 0.60  |       |       |       |
|       |       | 22.00 |       | 0.50  |       | 22.00 | 1.00  |       | 15.00 | 5.00  |       | 22.80 | 1.50  |       | 26.96 | 25.70 | 0.63  |       |       |
| 23.04 | 17.80 | 2.62  |       |       | 22.20 | 0.90  | 25.00 | 18.00 | 3.50  | 25.90 | 17.70 | 4.10  | 26.99 | 26.99 | 14.29 | 6.35  |       |       |       |
| 23.06 | 19.50 | 1.78  |       |       | 22.60 | 0.70  |       |       | 19.00 |       | 3.00  |       |       | 21.90 | 2.00  |       | 27.00 | 19.00 | 4.00  |
| 23.09 | 19.53 | 1.78  |       | 23.00 | 0.50  |       |       | 19.40 | 2.80  |       |       | 22.00 |       | 1.95  |       | 19.80 |       | 3.60  |       |
| 23.10 | 16.90 | 3.10  | 24.05 | 21.05 | 1.50  |       |       | 19.80 | 2.60  |       |       | 22.10 |       | 1.90  |       | 20.00 |       | 3.50  |       |
|       |       | 17.86 | 2.62  | 24.10 | 17.04 | 3.53  |       |       | 20.00 |       | 2.50  |       |       | 24.40 | 0.75  |       |       | 21.00 | 3.00  |
|       |       | 18.30 | 2.40  |       |       | 17.30 | 3.40  |       | 21.00 | 2.00  |       | 16.00 | 5.00  |       | 22.00 | 2.50  |       |       |       |
|       |       | 21.30 | 0.90  |       |       | 19.18 | 2.46  |       | 21.20 | 1.90  |       | 18.00 | 4.00  |       | 23.00 | 2.00  |       |       |       |
|       |       | 21.60 | 0.75  |       |       | 19.30 | 2.40  |       | 22.00 | 1.50  |       | 20.00 | 3.00  |       | 24.00 | 1.50  |       |       |       |
|       | 21.70 | 0.70  |       |       | 20.30 | 1.90  |       | 23.00 | 1.00  |       | 21.00 | 2.50  |       | 25.20 | 0.90  |       |       |       |       |
| 23.20 | 17.96 | 2.62  |       | 22.50 | 0.80  | 25.10 | 24.00 | 0.50  | 26.00 | 22.00 | 2.00  | 27.08 | 27.08 | 23.52 | 1.78  |       |       |       |       |
|       |       | 21.00 | 1.10  |       | 22.70 |       | 0.70  |       |       | 18.00 | 3.55  |       |       | 23.00 | 1.50  |       | 20.00 | 3.55  |       |
|       |       | 22.00 | 0.60  |       | 24.12 |       | 20.12 | 2.00  |       |       | 20.30 |       | 2.40  |       | 24.00 | 1.00  |       | 22.30 | 2.40  |
| 23.30 | 18.00 | 2.65  | 24.20 | 18.20 | 3.00  |       |       | 22.70 |       | 1.20  |       |       | 24.60 | 0.70  |       | 23.30 | 1.90  |       |       |
|       |       | 20.10 |       | 1.60  |       |       | 19.20 | 2.50  |       | 25.17 | 22.63 |       | 1.27  |       | 24.80 | 0.60  |       | 24.70 | 1.20  |
|       |       | 22.10 |       | 0.60  |       | 19.70 | 2.25  |       | 23.50 | 0.80  |       | 25.00 | 0.50  |       | 25.50 | 0.80  |       |       |       |
|       |       | 22.50 |       | 0.40  |       | 22.20 | 1.00  |       | 19.20 | 3.00  |       | 19.00 | 3.55  |       | 25.70 | 0.70  |       |       |       |
| 23.36 | 19.80 | 1.78  |       |       | 23.00 | 0.60  |       | 23.80 | 0.70  |       | 21.30 | 2.40  |       | 27.10 | 23.30 | 1.90  |       |       |       |
| 23.40 | 18.60 | 2.40  | 24.30 | 13.64 | 5.33  |       | 24.00 | 0.60  |       | 24.50 | 0.80  |       | 27.13 | 24.70 | 1.20  |       |       |       |       |
|       |       | 22.00 |       | 0.70  |       | 19.00 | 2.65  |       | 24.40 | 0.40  |       | 26.10 | 21.30 | 2.40  |       | 25.50 | 0.80  |       |       |
|       |       | 22.20 |       | 0.60  |       | 20.10 | 2.10  |       | 3.80  | 10.75 |       | 26.13 | 24.31 | 0.91  |       | 25.70 | 0.70  |       |       |
|       |       | 22.40 |       | 0.50  |       | 21.10 | 1.60  |       | 17.30 | 4.00  |       | 26.14 | 16.08 | 5.03  |       | 21.89 | 2.62  |       |       |
| 23.50 | 15.50 | 4.00  |       |       | 23.50 | 0.40  |       | 20.00 | 2.65  |       | 26.20 | 19.60 | 3.30  |       | 25.91 | 0.61  |       |       |       |
|       |       | 18.50 | 2.50  | 24.37 | 22.33 | 1.02  |       | 22.10 | 1.60  |       | 23.00 | 1.60  |       | 27.20 | 14.00 | 6.60  |       |       |       |
|       |       | 20.50 | 1.50  |       | 23.70 | 2.16  |       | 23.30 | 1.00  |       | 24.20 | 1.00  |       | 25.50 | 0.85  |       |       |       |       |
|       |       | 21.70 | 0.90  |       | 24.39 | 20.07 | 2.16  |       | 23.70 | 0.80  |       | 25.00 | 0.60  |       | 26.00 | 0.60  |       |       |       |
|       |       | 22.00 | 0.75  |       | 22.81 | 0.79  |       | 21.40 | 2.00  |       | 26.22 | 20.22 | 3.00  |       | 27.28 | 20.22 | 3.53  |       |       |
|       |       | 22.50 | 0.50  |       | 19.60 | 2.40  |       | 23.80 | 0.80  |       | 24.00 | 1.15  |       | 27.30 | 26.50 | 0.40  |       |       |       |
| 23.52 | 19.46 | 2.03  |       | 20.60 | 1.90  |       | 24.00 | 0.70  |       | 26.30 | 24.90 | 0.70  |       | 27.40 | 26.00 | 0.70  |       |       |       |
| 23.60 | 18.80 | 2.40  |       | 23.00 | 0.70  |       | 25.48 | 20.24 | 2.62  |       | 26.40 | 20.00 | 3.20  |       | 27.46 | 16.80 | 5.33  |       |       |
|       |       | 19.40 | 2.10  | 24.50 | 18.50 | 3.00  |       | 17.50 | 4.00  |       |       | 21.60 | 2.40  |       | 22.22 | 2.62  |       |       |       |
|       |       |       |       | 20.50 | 2.00  |       | 18.30 | 3.60  |       |       | 22.40 | 2.00  |       | 27.47 | 22.23 | 2.62  |       |       |       |
|       |       |       |       |       |       |       |       |       |       |       |       |       |       | 27.50 | 19.50 | 4.00  |       |       |       |

## 外径順金型表

外径 27.50 ~ 31.50

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 27.50 | 21.50 | 3.00  | 28.50 | 20.50 | 4.00  | 29.20 | 28.20 | 0.50  | 30.00 | 28.00 | 1.00  | 30.70 | 29.30 | 0.70  |       |       |
|       | 22.50 | 2.50  |       | 21.30 | 3.60  | 29.30 | 23.50 | 2.90  |       | 28.40 | 0.80  |       | 29.50 | 0.60  |       |       |
|       | 23.50 | 2.00  |       | 23.50 | 2.50  |       | 28.10 | 0.60  |       | 29.00 | 0.50  | 30.75 | 29.15 | 0.80  |       |       |
|       | 25.50 | 1.00  |       | 24.50 | 2.00  | 28.30 | 0.50  | 30.10 | 25.30 | 2.40  | 30.80 |       | 27.00 | 1.90  |       |       |
|       | 25.70 | 0.90  |       | 24.70 | 1.90  | 28.50 | 0.40  |       | 28.40 | 0.85  |       | 27.80 | 1.50  |       |       |       |
|       | 26.00 | 0.75  |       | 25.50 | 1.50  | 29.31 | 28.09 |       | 0.61  | 28.50 |       | 0.80  | 28.10 | 1.35  |       |       |
|       | 26.50 | 0.50  |       | 26.90 | 0.80  | 29.36 | 21.44 |       | 3.96  | 28.60 |       | 0.75  | 28.80 | 1.00  |       |       |
| 27.53 | 24.99 | 1.27  |       | 27.00 | 0.75  | 29.37 | 23.47 | 2.95  | 28.90 | 0.60  |       | 29.30 | 0.75  |       |       |       |
|       | 27.60 | 22.80 |       | 2.40  | 27.30 | 0.60  | 29.40 | 24.60 | 2.40  | 30.15 |       | 17.45 | 6.35  | 29.40 | 0.70  |       |
|       |       | 25.20 |       | 1.20  | 27.50 | 0.50  |       | 27.80 | 0.80  | 30.18 |       | 20.62 | 4.78  | 30.00 | 0.40  |       |
|       |       | 26.00 | 0.80  | 28.57 | 18.97 | 4.80  |       | 27.90 | 0.75  | 30.20 |       | 23.00 | 3.60  | 30.90 | 29.30 | 0.80  |
|       |       | 26.20 | 0.70  |       | 27.00 | 0.80  |       | 28.00 | 0.70  |       |       | 23.60 | 3.30  |       | 29.70 | 0.60  |
| 26.40 |       | 0.60  | 28.60 | 27.60 | 0.50  | 29.44 | 25.12 | 2.16  | 24.20 | 3.00  |       | 30.94 | 25.04 | 2.95  |       |       |
| 26.80 | 0.40  | 27.80 |       | 0.40  | 29.50 | 16.50 | 6.50  | 28.20 | 1.00  | 31.00 | 21.00 | 5.00  |       |       |       |       |
| 27.62 | 26.80 | 0.41  | 28.63 | 27.81 |       | 0.41  | 21.50 | 4.00  | 28.40 |       | 0.90  | 23.00 | 4.00  |       |       |       |
| 27.63 | 24.43 | 1.60  | 28.68 | 25.12 |       | 1.78  | 22.40 | 3.55  | 28.80 |       | 0.70  | 25.00 | 3.00  |       |       |       |
| 27.70 | 22.40 | 2.65  |       | 21.70 |       | 3.50  | 24.50 | 2.50  | 29.00 |       | 0.60  | 26.00 | 2.50  |       |       |       |
|       | 26.50 | 0.60  | 26.70 | 1.00  |       | 24.70 | 2.40  | 30.25 | 28.25 |       | 1.00  | 26.20 | 2.40  |       |       |       |
|       | 26.90 | 0.40  | 27.10 | 0.80  |       | 25.50 | 2.00  | 30.26 | 26.70 |       | 1.78  | 27.00 | 2.00  |       |       |       |
| 27.80 | 17.80 | 5.00  | 28.70 | 27.20 |       | 0.75  | 26.50 | 1.50  | 30.30 |       | 25.00 | 2.65  | 31.00 | 29.00 | 1.00  |       |
|       | 21.20 | 3.30  |       | 27.30 |       | 0.70  | 27.50 | 1.00  |       |       | 27.10 | 1.60  |       | 29.20 | 0.90  |       |
|       | 26.40 | 0.70  |       | 27.50 |       | 0.60  | 28.00 | 0.75  |       |       | 28.80 | 0.75  |       | 29.60 | 0.70  |       |
|       | 27.00 | 0.40  |       | 27.70 |       | 0.50  | 28.30 | 0.60  |       |       | 29.50 | 0.40  |       | 29.80 | 0.60  |       |
| 27.82 | 21.92 | 2.95  |       | 28.71 | 23.47 | 2.62  | 28.50 | 0.50  | 30.31 | 25.07 | 2.62  | 30.00 |       | 0.50  |       |       |
|       | 28.00 | 18.00 | 5.00  |       | 28.80 | 27.50 | 0.65  | 29.60 | 28.00 | 0.80  | 30.32 | 29.20 |       | 0.56  | 31.04 | 28.70 |
|       |       | 20.00 | 4.00  | 27.80 |       | 0.50  | 28.20 | 0.70  | 30.35 | 29.15 | 0.60  | 31.06 |       | 24.00 | 3.53  |       |
|       | 22.00 | 3.00  | 28.00 | 0.40  | 29.65 | 28.55 | 0.55  | 30.39 | 29.11 | 0.64  | 31.10 | 25.80 |       | 2.65  |       |       |
|       | 23.00 | 2.50  | 28.88 | 21.82 | 3.53  | 29.68 | 28.56 | 0.56  | 30.40 | 21.70 |       | 4.35  |       | 29.40 | 0.85  |       |
|       | 23.20 | 2.40  |       | 23.60 | 2.65  | 28.00 | 0.85  | 26.00 |       | 2.20  | 29.50 | 0.80  |       |       |       |       |
|       | 24.00 | 2.00  | 27.10 | 0.90  | 29.70 | 28.20 | 0.75  | 28.60 |       | 0.90  | 31.20 | 24.60 | 3.30  |       |       |       |
|       | 25.00 | 1.50  | 27.40 | 0.75  | 28.50 | 0.60  | 28.80 | 0.80  |       | 29.40 |       | 0.90  |       |       |       |       |
|       | 26.00 | 1.00  | 27.50 | 0.70  | 29.72 | 28.00 | 0.86  | 29.00 | 0.70  | 29.60 |       | 0.80  |       |       |       |       |
|       | 26.50 | 0.75  | 27.70 | 0.60  | 29.75 | 28.25 | 0.75  | 30.45 | 23.39 | 3.53  |       | 29.70 | 0.75  |       |       |       |
| 26.60 | 0.70  | 28.98 | 21.92 | 3.53  | 29.80 | 25.00 | 2.40  | 30.46 | 23.40 | 3.53  |       | 29.80 | 0.70  |       |       |       |
| 27.00 | 0.50  |       | 21.00 | 4.00  |       | 27.80 | 1.00  | 30.47 | 28.09 | 1.19  |       | 30.00 | 0.60  |       |       |       |
| 28.10 | 23.30 | 2.40  | 22.00 | 3.50  |       | 28.60 | 0.60  | 30.50 | 21.00 | 4.75  |       | 31.25 | 29.75 | 0.75  |       |       |
|       | 26.60 | 0.75  | 23.00 | 3.00  |       | 28.80 | 0.50  |       | 24.50 | 3.00  |       | 31.30 | 25.70 | 2.80  |       |       |
|       | 21.60 | 3.30  | 24.00 | 2.50  | 29.00 | 0.40  | 27.50 |       | 1.50  | 31.31 |       | 20.65 | 5.33  |       |       |       |
| 28.20 | 22.20 | 3.00  | 25.00 | 2.00  | 29.90 | 28.30 | 0.80  |       | 28.50 |       |       | 1.00  | 31.35 | 30.25 | 0.55  |       |
|       | 24.00 | 2.10  | 26.00 | 1.50  |       | 28.40 | 0.75  | 28.80 | 0.85  | 31.36 | 27.50 | 1.93  |       |       |       |       |
|       | 26.60 | 0.80  | 28.00 | 0.50  |       | 28.50 | 0.70  | 29.30 | 0.60  |       | 31.40 | 24.40 | 3.50  |       |       |       |
|       | 26.80 | 0.70  | 29.05 | 23.81 | 2.62  | 28.70 | 0.60  | 29.50 | 0.50  | 29.80 |       | 0.80  |       |       |       |       |
|       | 27.00 | 0.60  | 29.08 | 18.42 | 5.33  | 29.94 | 28.68 | 0.63  | 24.40 | 3.10  |       | 30.00 | 0.70  |       |       |       |
| 27.40 | 0.40  | 29.10 | 22.10 | 3.50  | 29.95 | 28.35 | 0.80  | 25.00 | 2.80  | 31.50 |       | 23.50 | 4.00  |       |       |       |
| 28.30 | 21.20 |       | 3.55  | 27.50 | 0.80  | 30.00 | 16.00 | 7.00  | 29.00 |       | 0.80  | 26.50 | 2.50  |       |       |       |
|       | 25.10 |       | 1.60  | 28.00 | 0.55  |       | 20.00 | 5.00  | 29.10 |       | 0.75  | 27.50 | 2.00  |       |       |       |
|       | 26.80 | 0.75  | 29.18 | 25.12 | 2.03  |       | 22.00 | 4.00  | 29.20 |       | 0.70  | 27.70 | 1.90  |       |       |       |
|       | 27.30 | 0.50  |       | 23.20 | 3.00  |       | 24.00 | 3.00  | 30.63 |       | 15.65 | 7.49  | 29.50 | 1.00  |       |       |
| 28.40 | 26.40 | 1.00  | 29.20 | 23.60 | 2.80  |       | 25.00 | 2.50  | 30.65 |       | 19.99 | 5.33  | 29.80 | 0.85  |       |       |
|       | 26.80 | 0.80  |       | 27.40 | 0.90  |       | 25.20 | 2.40  | 30.70 |       | 23.50 | 3.60  | 30.00 | 0.75  |       |       |
|       | 27.00 | 0.70  |       | 27.60 | 0.80  |       | 26.00 | 2.00  |       |       | 23.60 | 3.55  | 30.30 | 0.60  |       |       |
|       | 27.50 | 0.45  |       | 27.80 | 0.70  |       | 26.20 | 1.90  |       |       | 23.70 | 3.50  | 30.38 | 0.56  |       |       |
| 28.47 | 22.73 | 2.87  |       | 28.00 | 0.60  |       | 27.00 | 1.50  |       |       | 28.90 | 0.90  |       |       |       |       |



外径順金型表

外径 31.50 ~ 37.00

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |      |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 31.50 | 30.50 | 0.50  | 32.40 | 27.40 | 2.50  | 33.20 | 31.80 | 0.70  | 34.20 | 29.10 | 2.55  | 35.43 | 24.77 | 5.33  |       |      |
| 31.53 | 30.71 | 0.41  |       | 27.60 | 2.40  |       | 32.00 | 0.60  |       | 30.00 | 2.10  |       | 35.50 | 27.50 | 4.00  |      |
| 31.55 | 30.05 | 0.75  |       | 30.60 | 0.90  | 33.30 | 28.00 | 2.65  |       | 30.80 | 1.70  | 29.50 |       | 3.00  |       |      |
| 31.60 | 28.00 | 1.80  |       | 30.80 | 0.80  |       | 29.30 | 2.00  |       | 31.80 | 1.20  | 31.50 | 2.00  |       |       |      |
|       | 30.00 | 0.80  |       | 31.00 | 0.70  | 31.70 | 0.80  | 32.20 |       | 1.00  | 33.60 | 0.95  |       |       |       |      |
|       | 30.20 | 0.70  |       | 32.49 | 26.59 | 2.95  | 33.40 | 26.20 |       | 3.60  | 32.60 | 0.80  | 35.56 | 32.00 | 1.78  |      |
| 31.70 | 24.70 | 3.50  |       |       | 31.19 | 0.65  |       | 27.00 |       | 3.20  | 32.80 | 0.70  |       | 29.40 | 3.10  |      |
|       | 29.90 | 0.90  |       | 32.50 | 24.50 | 4.00  |       | 30.00 |       | 1.70  | 34.30 | 31.70 | 1.30  | 35.60 | 30.80 | 2.40 |
| 31.75 | 30.50 | 0.60  |       |       | 26.50 | 3.00  |       | 31.60 |       | 0.90  | 34.40 | 29.60 | 2.40  |       | 32.00 | 1.80 |
|       | 29.75 | 1.00  |       |       | 27.70 | 2.40  |       | 31.70 |       | 0.85  |       | 31.90 | 1.25  | 34.00 | 0.80  |      |
| 31.76 | 25.40 | 3.18  | 28.50 |       | 2.00  | 32.20 |       | 0.60  | 33.00 | 0.70  | 35.63 | 31.63 | 2.00  |       |       |      |
| 31.80 | 24.60 | 3.60  | 32.52 |       | 29.50 | 1.50  |       | 33.43 | 29.87 | 1.78  | 34.42 | 31.42 | 1.50  | 35.65 | 29.75 | 2.95 |
|       | 26.50 | 2.65  |       |       | 31.00 | 0.75  |       | 33.44 | 28.20 | 2.62  | 34.48 | 29.10 | 2.69  | 35.70 | 28.50 | 3.60 |
|       | 29.20 | 1.30  |       |       | 31.10 | 0.70  |       | 33.48 | 28.24 | 2.62  | 34.50 | 29.70 | 2.40  |       | 28.70 | 3.50 |
|       | 30.00 | 0.90  |       |       | 31.30 | 0.60  |       | 33.49 | 28.25 | 2.62  |       | 32.50 | 1.00  | 35.77 | 32.21 | 1.78 |
|       | 30.40 | 0.70  |       |       | 31.50 | 0.50  | 33.50 | 23.50 | 5.00  | 33.50 | 0.50  | 35.81 | 31.75 | 2.03  |       |      |
|       | 30.80 | 0.50  |       |       | 32.60 | 26.62 |       | 2.95  | 25.50 | 4.00  | 34.60 | 30.80 | 1.90  | 35.88 | 27.88 | 4.00 |
|       | 31.00 | 0.40  |       | 26.40 |       | 3.10  |       | 26.70 | 3.40  | 34.60 | 32.80 | 0.90  | 35.90 | 33.20 | 1.35  |      |
| 31.83 | 30.71 | 0.56  | 30.60 | 1.00  | 27.50 | 3.00  |       | 33.00 | 0.80  |       | 36.00 | 28.00 |       | 4.00  |       |      |
| 31.86 | 28.30 | 1.78  | 31.00 | 0.80  | 28.70 | 2.40  |       | 34.63 | 31.93 | 1.35  |       | 28.80 | 3.60  |       |       |      |
| 31.88 | 26.64 | 2.62  | 31.20 | 0.70  | 29.50 | 2.00  |       | 34.70 | 27.70 | 3.50  |       | 30.00 | 3.00  |       |       |      |
| 31.89 | 26.65 | 2.62  | 32.70 | 25.70 | 3.50  | 29.70 |       | 1.90  | 34.77 | 31.93 |       | 1.42  | 31.00 | 2.50  |       |      |
| 31.90 | 30.30 | 0.80  |       | 27.30 | 2.70  | 32.10 |       | 0.70  | 34.80 | 29.40 |       | 2.70  | 31.20 | 2.40  |       |      |
| 31.95 | 30.55 | 0.70  | 27.50 | 2.60  | 33.60 | 26.50 |       | 3.55  | 34.81 | 28.45 |       | 3.18  | 32.00 | 2.00  |       |      |
| 32.00 | 24.00 | 4.00  | 32.75 | 30.75 |       | 1.00  |       | 27.40 | 3.10  | 34.86 |       | 27.80 | 3.53  | 33.00 | 1.50  |      |
|       | 26.00 | 3.00  | 32.80 | 31.00 |       | 0.90  | 30.00 | 1.80  | 34.94 | 19.76 |       | 7.59  | 36.10 | 34.50 | 0.80  |      |
|       | 27.00 | 2.50  |       | 31.30 |       | 0.75  | 31.80 | 0.90  |       | 25.00 |       | 5.00  | 36.16 | 33.12 | 1.52  |      |
|       | 28.00 | 2.00  |       | 31.40 |       | 0.70  | 32.00 | 0.80  | 27.00 | 4.00  |       | 36.20 | 29.20 | 3.50  |       |      |
|       | 29.00 | 1.50  |       | 31.60 |       | 0.60  | 33.64 | 26.58 | 3.53  | 27.80 | 3.60  |       | 29.60 | 3.30  |       |      |
|       | 30.00 | 1.00  | 32.86 | 25.80 |       | 3.53  | 33.65 | 32.65 | 0.50  | 29.00 | 3.00  | 36.30 | 32.50 | 1.90  |       |      |
|       | 30.20 | 0.90  | 32.90 | 25.80 |       | 3.55  | 33.70 | 26.70 | 3.50  | 35.00 | 30.00 | 2.50  | 36.33 | 34.29 | 1.02  |      |
| 30.50 | 0.75  | 31.30 |       | 0.80  |       | 27.30 |       | 3.20  | 31.00 |       | 2.00  | 36.40 | 28.00 | 4.20  |       |      |
| 30.60 | 0.70  | 31.50 | 0.70  | 33.75 |       | 31.75 | 1.00  | 31.20 | 1.90  |       | 31.60 |       | 2.40  |       |       |      |
| 30.80 | 0.60  | 32.91 | 29.87 | 1.52  | 33.80 | 31.80 | 1.00  | 32.00 | 1.50  |       | 32.00 | 2.20  |       |       |       |      |
| 31.00 | 0.50  |       | 23.00 | 5.00  |       | 32.20 | 0.80  | 33.80 | 0.60  |       | 36.50 | 29.30 | 3.60  |       |       |      |
| 32.05 | 24.99 | 3.53  | 25.00 | 4.00  | 33.82 | 23.16 | 5.33  | 35.03 | 31.47 |       |       | 1.78  | 31.50 | 2.50  |       |      |
| 32.06 | 25.00 | 3.53  | 27.00 | 3.00  |       | 33.90 | 25.70 | 4.10  | 35.06 |       | 29.82 | 2.62  | 34.50 | 1.00  |       |      |
| 32.10 | 25.00 | 3.55  | 28.00 | 2.50  | 31.60 |       | 1.15  | 35.10 | 23.70 | 5.70  | 36.60 | 28.00 | 4.30  |       |       |      |
|       | 27.30 | 2.40  | 33.00 | 29.00 | 2.00  | 26.00 | 4.00  |       | 28.00 | 3.55  |       | 32.40 | 2.10  |       |       |      |
| 32.15 | 30.65 | 0.75  |       | 30.00 | 1.50  | 27.00 | 3.50  |       | 30.30 | 2.40  | 32.80 | 1.90  |       |       |       |      |
| 32.20 | 25.20 | 3.50  | 31.20 | 0.90  | 28.00 | 3.00  | 35.20 |       | 31.50 | 1.80  | 36.61 | 33.05 | 1.78  |       |       |      |
|       | 25.60 | 3.30  | 31.80 | 0.60  | 29.00 | 2.50  |       |       | 33.60 | 0.75  | 36.66 | 31.42 | 2.62  |       |       |      |
|       | 26.20 | 3.00  | 32.00 | 0.50  | 30.00 | 2.00  | 35.30 |       | 29.20 | 3.00  | 36.67 | 34.29 | 1.19  |       |       |      |
|       | 30.20 | 1.00  | 33.01 | 29.87 | 1.57  | 31.00 |       |       | 1.50  | 33.60 | 0.80  | 36.70 | 29.70 | 3.50  |       |      |
|       | 30.60 | 0.80  |       | 31.83 | 0.59  | 31.30 | 1.35  |       | 35.23 | 28.17 | 3.53  | 36.78 | 35.20 | 0.79  |       |      |
|       | 30.80 | 0.70  | 33.10 | 31.50 | 0.80  | 32.00 | 1.00  |       |       | 29.00 | 3.15  | 36.80 | 29.74 | 3.53  |       |      |
|       | 31.00 | 0.60  |       | 31.60 | 0.75  | 32.40 | 0.80  |       | 30.00 | 2.65  | 31.50 |       | 2.65  |       |       |      |
| 31.40 | 0.40  | 31.70 |       | 0.70  | 32.80 | 0.60  | 31.34 | 1.98  | 33.00 | 1.90  |       |       |       |       |       |      |
| 32.25 | 21.59 | 5.33  | 33.18 | 26.30 | 3.44  | 33.00 | 0.50  | 32.10 | 1.60  | 36.81 | 29.75 | 3.53  |       |       |       |      |
| 32.30 | 29.10 | 1.60  |       | 33.20 | 30.20 | 1.50  | 34.05 | 28.85 | 2.60  | 33.70 | 0.80  | 36.86 | 35.66 | 0.60  |       |      |
|       | 30.70 | 0.80  | 31.40 |       | 0.90  | 34.10 | 33.00 | 0.55  | 35.31 | 33.27 | 1.02  | 25.00 | 6.00  |       |       |      |
|       | 31.30 | 0.50  | 31.60 |       | 0.80  | 34.20 | 27.60 | 3.30  | 35.39 | 30.15 | 2.62  | 26.34 | 5.33  |       |       |      |
| 32.40 | 26.00 | 3.20  | 31.70 |       | 0.75  |       | 27.80 | 3.20  | 35.40 | 30.00 | 2.70  | 31.00 | 3.00  |       |       |      |

外径順金型表

外径 37.00 ~ 46.50

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径   | 線径 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|
| 37.00 | 31.80 | 2.60  | 38.60 | 31.50 | 3.55  | 40.38 | 33.32 | 3.53  | 42.20 | 35.60 | 3.30  | 44.50 | 37.30 | 3.60  |       |      |    |
|       | 32.00 | 2.50  |       | 33.80 | 2.40  | 40.40 | 37.80 | 1.30  |       | 36.20 | 3.00  |       | 39.70 | 2.40  |       |      |    |
|       | 33.00 | 2.00  | 38.67 | 33.99 | 2.34  | 40.50 | 29.50 | 5.50  | 42.40 | 39.60 | 1.40  | 44.56 | 41.00 | 1.78  |       |      |    |
|       | 33.20 | 1.90  | 38.70 | 31.70 | 3.50  |       | 35.70 | 2.40  | 42.45 | 37.21 | 2.62  | 44.58 | 39.34 | 2.62  |       |      |    |
|       | 35.40 | 0.80  | 38.75 | 24.77 | 6.99  |       | 38.30 | 1.10  | 42.50 | 34.50 | 4.00  | 44.59 | 39.35 | 2.62  |       |      |    |
| 37.10 | 29.50 | 3.80  | 38.80 | 33.50 | 2.65  | 40.55 | 35.31 | 2.62  |       | 36.50 | 3.00  | 44.60 | 37.50 | 3.55  |       |      |    |
|       | 30.00 | 3.55  |       | 34.70 | 2.05  | 40.60 | 33.50 | 3.55  |       | 38.50 | 2.00  |       | 42.20 | 1.20  |       |      |    |
| 37.20 | 30.80 | 3.20  | 39.00 | 27.00 | 6.00  | 40.70 | 34.40 | 3.10  | 42.60 | 38.70 | 1.90  | 44.70 | 37.70 | 3.50  |       |      |    |
|       | 31.00 | 3.10  |       | 29.00 | 5.00  |       | 33.70 | 3.50  |       | 35.50 | 3.55  | 44.75 | 37.69 | 3.53  |       |      |    |
|       | 35.40 | 0.90  |       | 31.00 | 4.00  | 40.80 | 35.50 | 2.65  | 42.70 | 35.70 | 3.50  | 44.76 | 37.70 | 3.53  |       |      |    |
| 37.30 | 33.20 | 2.05  |       | 33.00 | 3.00  |       | 36.60 | 2.10  | 42.73 | 41.15 | 0.79  | 44.80 | 40.00 | 2.40  |       |      |    |
|       | 34.30 | 1.50  |       | 34.00 | 2.50  | 36.80 | 2.00  | 42.80 | 35.60 | 3.60  | 44.84 | 38.48 | 3.18  |       |       |      |    |
| 37.35 | 32.75 | 2.30  |       | 35.00 | 2.00  | 40.96 | 37.40 |       | 1.78  | 37.50 | 2.65  | 44.95 | 34.29 | 5.33  |       |      |    |
| 37.40 | 35.00 | 1.20  |       | 35.20 | 1.90  | 41.00 | 25.00 | 8.00  | 42.86 | 38.10 | 2.38  | 45.00 | 25.00 | 10.00 |       |      |    |
| 37.44 | 33.00 | 2.22  |       | 35.80 | 1.60  |       | 33.00 | 4.00  | 42.90 | 31.30 | 5.80  |       | 32.00 | 6.50  |       |      |    |
| 37.50 | 29.50 | 4.00  |       | 36.00 | 1.50  |       | 35.00 | 3.00  | 42.92 | 40.64 | 1.14  |       | 35.00 | 5.00  |       |      |    |
|       | 33.50 | 2.00  |       | 37.00 | 1.00  |       | 36.00 | 2.50  | 43.00 | 33.00 | 5.00  |       | 39.00 | 3.00  |       |      |    |
| 37.50 | 35.50 | 1.00  | 39.01 | 32.11 | 3.45  |       | 37.00 | 2.00  |       | 35.00 | 4.00  |       | 40.00 | 2.50  |       |      |    |
| 37.70 | 30.70 | 3.50  | 39.20 | 36.00 | 1.60  |       | 37.40 | 1.80  | 36.00 | 3.50  | 41.00 |       | 2.00  |       |       |      |    |
|       | 32.92 | 2.39  |       | 36.80 | 1.20  |       | 38.00 | 1.50  | 37.00 | 3.00  | 42.00 |       | 1.50  |       |       |      |    |
| 37.80 | 32.50 | 2.65  | 37.20 | 1.00  | 41.10 |       | 39.00 | 1.00  | 43.01 | 38.00 | 2.50  |       | 43.00 | 1.00  |       |      |    |
|       | 34.80 | 1.50  | 39.24 | 36.20 |       | 1.52  | 41.10 | 38.90 |       | 1.10  | 39.00 |       | 2.00  | 45.10 | 41.50 | 1.80 |    |
| 37.90 | 34.90 | 1.50  | 39.29 | 36.91 | 1.19  | 41.24 | 38.86 | 1.19  | 40.00 | 1.50  | 45.20 |       | 39.20 | 3.00  |       |      |    |
|       | 36.60 | 0.65  | 39.40 | 34.60 | 2.40  | 41.27 | 36.51 | 2.38  | 41.00 | 1.00  | 45.31 | 37.69 | 3.81  |       |       |      |    |
| 38.00 | 22.00 | 8.00  | 39.50 | 31.50 | 4.00  | 41.30 | 33.70 | 3.80  | 43.01 | 37.77 | 2.62  | 45.50 | 37.50 | 4.00  |       |      |    |
|       | 28.00 | 5.00  | 35.50 | 2.00  | 34.10 |       | 3.60  | 39.45 |       | 1.78  | 38.30 |       | 3.60  |       |       |      |    |
|       | 30.00 | 4.00  | 39.60 | 32.50 | 3.55  | 41.38 | 36.14 | 2.62  | 36.09 | 3.53  | 39.50 |       | 3.00  |       |       |      |    |
|       | 30.80 | 3.60  | 39.70 | 32.50 | 3.60  |       | 37.82 | 1.78  | 43.35 | 32.69 | 5.33  |       | 41.50 | 2.00  |       |      |    |
|       | 31.00 | 3.50  | 39.80 | 33.50 | 3.15  | 41.41 | 36.17 | 2.62  | 43.35 | 32.69 | 5.33  | 45.60 | 35.00 | 5.30  |       |      |    |
|       | 31.20 | 3.40  |       | 34.50 | 2.65  | 41.50 | 31.50 | 5.00  | 43.40 | 40.00 | 1.70  | 39.40 | 3.10  |       |       |      |    |
|       | 32.00 | 3.00  | 36.00 | 1.90  | 33.50 |       | 4.00  | 43.46 | 37.46 | 3.00  | 45.70 | 38.70 | 3.50  |       |       |      |    |
|       | 33.00 | 2.50  | 39.83 | 34.59 | 2.62  | 37.50 | 2.00  | 43.47 | 37.47 | 3.00  | 45.80 | 38.70 | 3.55  |       |       |      |    |
|       | 33.20 | 2.40  | 39.83 | 36.27 | 1.78  | 41.58 | 34.52 | 3.53  | 43.50 | 31.50 | 6.00  | 45.90 | 38.70 | 3.60  |       |      |    |
|       | 34.00 | 2.00  |       | 39.84 | 34.60 | 2.62  | 41.60 | 34.50 |       | 3.55  | 35.50 | 4.00  | 46.00 | 38.00 | 4.00  |      |    |
|       | 35.00 | 1.50  | 39.90 | 31.12 | 4.39  | 41.66 | 38.10 | 1.78  | 39.50 | 2.00  | 42.00 | 2.00  |       |       |       |      |    |
|       | 36.00 | 1.00  | 39.98 | 32.92 | 3.53  | 41.70 | 34.70 | 3.50  | 41.50 | 1.00  | 42.20 | 1.90  |       |       |       |      |    |
|       | 38.10 | 33.30 | 2.40  | 39.99 | 32.93 | 3.53  | 41.78 | 31.12 | 5.33  | 43.60 | 36.50 | 3.55  |       | 43.00 | 1.50  |      |    |
|       |       | 33.34 | 2.38  | 40.00 | 30.00 | 5.00  | 41.80 | 36.50 | 2.65  | 43.64 | 29.36 | 7.14  | 46.10 | 41.30 | 2.40  |      |    |
| 38.11 | 31.75 | 3.18  | 32.00 |       | 4.00  | 37.00 |       | 2.40  | 44.00 | 30.00 | 7.00  | 46.19 | 40.95 | 2.62  |       |      |    |
|       | 31.20 | 3.50  | 34.00 |       | 3.00  | 28.00 | 7.00  | 34.00 |       | 5.00  | 46.20 | 39.60 | 3.30  |       |       |      |    |
| 38.20 | 31.60 | 3.30  | 35.00 |       | 2.50  | 32.00 | 5.00  | 36.00 |       | 4.00  |       | 43.00 | 1.60  |       |       |      |    |
|       | 32.20 | 3.00  | 35.20 |       | 2.40  | 34.00 | 4.00  | 38.00 |       | 3.00  | 43.60 | 1.30  |       |       |       |      |    |
| 38.21 | 34.65 | 1.78  | 36.00 |       | 2.00  | 35.20 | 3.40  | 38.70 |       | 2.65  | 46.30 | 42.30 | 2.00  |       |       |      |    |
| 38.23 | 32.99 | 2.62  | 37.00 | 1.50  | 42.00 | 36.00 | 3.00  | 39.00 |       | 2.50  |       | 41.60 | 2.40  |       |       |      |    |
|       | 37.10 | 0.60  | 37.50 | 1.25  | 42.00 | 37.00 | 2.50  | 40.00 | 2.00  | 42.20 | 2.10  |       |       |       |       |      |    |
| 38.30 | 35.10 | 1.60  | 40.10 | 35.30 |       | 2.40  | 37.20 | 2.40  | 42.00 | 1.00  | 42.60 | 1.90  |       |       |       |      |    |
|       | 37.10 | 0.60  | 40.13 | 35.81 | 2.16  | 38.00 | 2.00  | 44.05 | 39.37 | 2.34  | 46.40 | 44.40 | 1.00  |       |       |      |    |
| 38.40 | 31.34 | 3.53  | 40.17 | 29.51 | 5.33  | 40.00 | 1.00  | 44.06 | 40.50 | 1.78  |       | 35.70 | 5.40  |       |       |      |    |
|       | 38.50 | 32.50 | 3.00  | 40.20 | 33.60 | 3.30  | 2.06  | 37.30 | 2.38  | 44.10 | 40.10 | 2.00  | 36.50 | 5.00  |       |      |    |
| 33.50 |       | 2.50  | 34.20 |       | 3.00  | 40.50 |       | 0.78  | 44.20 | 37.60 | 3.30  | 42.50 | 2.00  |       |       |      |    |
| 33.70 |       | 2.40  | 34.70 | 2.75  | 42.08 | 40.50 | 0.79  | 44.36 | 42.80 | 0.78  | 42.70 | 1.90  |       |       |       |      |    |
| 38.50 | 34.50 | 2.00  | 40.30 | 37.10 | 1.60  | 42.20 | 34.00 | 4.10  | 44.45 | 39.69 | 2.38  |       |       |       |       |      |    |
|       | 27.94 | 5.33  | 40.32 | 34.42 | 2.95  |       | 35.20 | 3.50  |       |       |       |       |       |       |       |      |    |

## 外径順金型表

外径 46.60 ~ 59.09

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |      |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 46.60 | 38.00 | 4.30  | 49.00 | 45.00 | 2.00  | 51.00 | 40.20 | 5.40  | 54.00 | 43.40 | 5.30  | 56.20 | 49.60 | 3.30  |       |      |
|       | 44.00 | 1.30  |       | 46.00 | 1.50  |       | 45.00 | 3.00  |       | 48.00 | 3.00  |       | 50.20 | 3.00  |       |      |
| 46.64 | 43.28 | 1.68  | 49.20 | 42.20 | 3.50  |       | 45.20 | 2.90  |       | 50.00 | 2.00  | 56.27 | 49.21 | 3.53  |       |      |
| 46.70 | 39.70 | 3.50  |       | 46.00 | 1.60  |       | 47.00 | 2.00  |       | 51.00 | 1.50  | 56.30 | 50.00 | 3.15  |       |      |
| 46.75 | 39.69 | 3.53  | 49.30 | 47.70 | 0.80  |       | 48.00 | 1.50  | 54.08 | 50.52 | 1.78  | 56.40 | 51.60 | 2.40  |       |      |
| 46.90 | 42.70 | 2.10  | 49.36 | 44.12 | 2.62  |       | 49.00 | 1.00  | 54.13 | 48.89 | 2.62  |       | 54.00 | 54.00 | 1.20  |      |
| 47.00 | 37.00 | 5.00  | 49.40 | 44.00 | 2.70  | 51.10 | 44.04 | 3.53  | 54.14 | 48.90 | 2.62  | 56.50 | 48.50 | 4.00  |       |      |
|       | 41.00 | 3.00  |       | 44.60 | 2.40  | 51.20 | 44.20 | 3.50  | 54.20 | 42.60 | 5.80  |       | 52.50 | 2.00  |       |      |
|       | 42.00 | 2.50  | 49.50 | 41.50 | 4.00  | 51.30 | 40.64 | 5.33  | 54.20 | 47.60 | 3.30  | 54.50 | 54.50 | 1.00  |       |      |
|       | 42.20 | 2.40  |       | 44.70 | 2.40  |       | 47.50 | 1.90  | 51.20 | 1.50  | 56.70 | 49.70 | 3.50  |       |       |      |
| 43.00 | 2.00  | 45.50 | 2.00  | 51.50 | 43.50 | 4.00  | 54.28 | 47.22 | 3.53  | 56.76 | 54.38 | 1.19  |       |       |       |      |
| 47.10 | 40.00 | 3.55  | 49.60 |       | 42.50 | 3.55  | 46.50 | 2.50  | 54.30 | 43.70 | 5.30  | 56.80 | 46.20 | 5.30  |       |      |
| 47.20 | 41.20 | 3.00  | 49.65 | 42.59 | 3.53  | 47.50 | 2.00  | 54.40 | 49.60 | 2.40  | 53.00 |       | 53.00 | 1.90  |       |      |
|       | 44.60 | 1.30  | 49.69 | 43.69 | 3.00  | 51.51 | 44.45 | 3.53  | 54.46 | 43.80 | 5.33  | 55.30 | 0.75  |       |       |      |
| 47.40 | 42.00 | 2.70  | 49.78 | 48.26 | 0.76  | 51.70 | 44.70 | 3.50  | 54.48 | 43.82 | 5.33  | 56.82 | 55.30 | 0.76  |       |      |
| 47.41 | 41.83 | 2.79  | 49.92 | 42.86 | 3.53  | 51.80 | 41.20 | 5.30  | 54.50 | 49.70 | 2.40  | 56.90 | 50.00 | 3.45  |       |      |
| 47.50 | 35.50 | 6.00  | 49.94 | 42.80 | 3.57  | 52.00 | 37.60 | 7.20  |       | 50.70 | 1.90  | 57.00 | 45.00 | 6.00  |       |      |
|       | 39.50 | 4.00  | 50.00 | 30.00 | 10.00 |       | 41.34 | 5.33  | 54.60 | 47.50 | 3.55  |       | 49.00 | 4.00  |       |      |
|       | 41.50 | 3.00  |       | 40.00 | 5.00  |       | 46.00 | 3.00  | 52.20 | 1.20  | 57.06 | 52.50 | 2.28  |       |       |      |
|       | 43.50 | 2.00  |       | 42.00 | 4.00  |       | 47.00 | 2.50  | 54.61 | 41.91 | 6.35  | 57.10 | 50.00 | 3.55  |       |      |
| 47.57 | 44.45 | 1.56  |       | 44.00 | 3.00  |       | 47.20 | 2.40  | 54.69 | 47.63 | 3.53  | 57.14 | 49.22 | 3.96  |       |      |
| 47.60 | 37.00 | 5.30  |       | 45.00 | 2.50  |       | 48.00 | 2.00  | 54.70 | 47.70 | 3.50  | 57.26 | 53.70 | 1.78  |       |      |
|       | 38.10 | 4.75  |       | 46.00 | 2.00  | 49.00 | 1.50  | 54.80 | 50.00 | 2.40  | 57.31 | 52.07 | 2.62  |       |       |      |
| 47.70 | 40.70 | 3.50  |       | 47.00 | 1.50  | 52.10 | 45.00 | 3.55  | 54.90 | 51.30 | 1.80  | 57.32 | 45.92 | 5.70  |       |      |
|       | 41.50 | 3.10  |       | 48.00 | 1.00  | 52.20 | 45.60 | 3.30  | 54.98 | 50.00 | 2.49  | 57.40 | 52.60 | 2.40  |       |      |
| 47.73 | 44.17 | 1.78  | 50.06 | 39.26 | 5.40  | 50.20 | 1.00  | 55.00 | 45.00 | 5.00  | 57.45 | 50.39 | 3.53  |       |       |      |
| 47.76 | 42.52 | 2.62  | 50.20 | 43.60 | 3.30  | 52.30 | 40.80 |       | 5.75  | 47.00 | 4.00  | 57.50 | 49.50 | 4.00  |       |      |
| 47.90 | 44.50 | 1.70  |       | 44.20 | 3.00  | 46.50 | 2.90  | 52.41 | 45.35 | 3.53  | 50.00 | 2.50  | 57.60 | 51.40 | 3.10  |      |
| 47.92 | 40.86 | 3.53  | 47.00 | 1.60  | 52.50 | 44.50 | 4.00  | 52.50 | 52.00 | 1.50  | 57.65 | 46.99 | 5.33  |       |       |      |
| 47.93 | 40.87 | 3.53  | 50.40 | 47.00 | 1.70  | 52.53 | 47.29 | 2.62  | 55.06 | 48.00 | 3.53  | 57.86 | 50.80 | 3.53  |       |      |
| 48.00 | 38.00 | 5.00  | 50.47 | 45.69 | 2.39  | 52.54 | 47.30 | 2.62  | 55.10 | 50.30 | 2.40  | 58.00 | 48.00 | 5.00  |       |      |
|       | 40.00 | 4.00  | 50.50 | 39.50 | 5.50  | 52.58 | 47.96 | 2.36  | 55.25 | 51.97 | 1.64  |       | 50.00 | 4.00  |       |      |
|       | 41.60 | 3.20  |       | 44.50 | 3.00  | 52.70 | 45.70 | 3.50  | 55.26 | 53.28 | 0.99  |       | 52.00 | 3.00  |       |      |
|       | 42.00 | 3.00  |       | 46.50 | 2.00  | 48.70 | 2.00  | 55.27 | 53.29 | 0.99  | 54.00 |       | 2.00  |       |       |      |
|       | 43.00 | 2.50  |       | 48.10 | 1.20  | 53.00 | 41.00 | 6.00  | 55.50 | 47.50 | 4.00  |       | 55.00 | 1.50  |       |      |
|       | 44.00 | 2.00  | 50.54 | 45.30 | 2.62  |       | 43.00 | 5.00  | 49.50 | 3.00  | 58.10 | 47.50 | 5.30  |       |       |      |
|       | 45.00 | 1.50  | 50.58 | 39.98 | 5.30  | 45.00 | 4.00  | 52.50 | 1.50  | 58.17 | 51.21 | 3.48  |       |       |       |      |
| 46.00 | 1.00  | 50.60 | 39.20 | 5.70  | 47.00 | 3.00  | 55.52 | 50.80 | 2.36  | 58.20 | 55.60 | 1.30  |       |       |       |      |
| 48.10 | 46.70 |       | 0.70  | 40.00 | 5.30  | 48.00 | 2.50  | 55.60 | 44.20 | 5.70  | 58.40 | 50.52 | 3.94  |       |       |      |
| 48.13 | 37.47 | 5.33  | 43.40 | 3.60  | 49.00 | 2.00  | 45.00 |       | 5.30  | 58.50 | 54.50 | 2.00  |       |       |       |      |
| 48.15 | 37.47 | 5.34  | 44.40 | 3.10  | 53.10 | 42.50 | 5.30  |       | 49.40 | 3.10  | 58.60 | 47.20 | 5.70  |       |       |      |
| 48.20 | 41.60 | 3.30  | 45.40 | 2.60  | 46.04 | 3.53  | 53.30 | 46.20 | 3.55  | 53.00 |       | 1.30  | 51.60 | 3.50  |       |      |
|       | 42.20 | 3.00  | 50.70 | 41.70 | 4.50  | 53.50 | 45.50 | 4.00  | 55.70 | 44.30 | 5.70  | 58.75 | 56.75 | 1.00  |       |      |
| 48.24 | 42.04 | 3.10  | 43.70 | 3.50  | 49.50 | 2.00  | 53.50 | 49.50 | 2.00  | 55.71 | 50.47 | 2.62  | 58.89 | 53.65 | 2.62  |      |
| 48.30 | 41.20 | 3.55  | 50.71 | 47.57 | 1.57  | 47.50 | 3.15  | 53.80 | 47.50 | 3.15  | 55.80 | 48.70 | 3.55  | 58.93 | 46.99 | 5.97 |
|       | 42.30 | 3.00  | 40.20 | 5.30  | 47.80 | 3.00  | 47.80 |       | 3.00  | 55.89 | 43.31 | 6.29  | 59.00 | 43.00 | 8.00  |      |
| 48.34 | 41.28 | 3.53  | 50.80 | 43.70 | 3.55  | 50.00 | 1.90  | 56.00 | 44.00 | 6.00  | 47.60 | 5.70  |       |       |       |      |
| 48.50 | 44.50 | 2.00  | 46.80 | 2.00  | 51.00 | 1.40  | 52.00 | 0.90  | 50.00 | 3.00  | 53.00 | 3.00  |       |       |       |      |
|       | 44.70 | 1.90  | 50.84 | 45.60 | 2.62  | 52.00 | 0.90  | 51.00 | 2.50  | 52.00 | 2.00  | 54.00 |       | 2.50  |       |      |
| 48.70 | 41.70 | 3.50  | 50.89 | 45.65 | 2.62  | 53.90 | 45.50 | 4.20  | 53.00 | 1.50  | 55.00 | 2.00  |       |       |       |      |
| 49.00 | 42.00 | 3.50  | 50.90 | 46.10 | 2.40  | 54.00 | 38.00 | 8.00  | 56.00 | 53.00 | 1.50  | 59.09 | 53.09 | 3.00  |       |      |
|       | 43.00 | 3.00  | 50.91 | 47.35 | 1.78  |       |       |       |       |       |       |       |       |       |       |      |
| 44.00 | 2.50  | 50.93 | 45.69 | 2.62  |       |       |       |       |       |       |       |       |       |       |       |      |

## 外径順金型表

外径 59.16 ~ 75.60

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 59.16 | 48.50 | 5.33  | 62.00 | 58.00 | 2.00  | 65.36 | 59.36 | 3.00  | 68.60 | 65.50 | 1.55  | 72.00 | 68.00 | 2.00  |       |
| 59.20 | 55.20 | 2.00  |       | 59.40 | 1.30  |       | 55.50 | 5.00  |       | 68.80 | 66.00 |       | 1.40  | 72.10 | 61.50 |
| 59.30 | 48.70 | 5.30  | 62.06 | 56.82 | 2.62  | 65.50 | 57.50 | 4.00  | 68.86 | 65.50 | 1.68  | 65.00 | 3.55  |       |       |
| 59.45 | 52.39 | 3.53  | 62.10 | 51.50 | 5.30  |       | 59.50 | 3.00  | 68.97 | 61.91 | 3.53  | 72.25 | 68.25 | 2.00  |       |
| 59.50 | 55.50 | 2.00  |       | 59.50 | 1.30  | 65.56 | 62.00 | 1.78  | 69.00 | 51.00 | 9.00  | 72.50 | 64.50 | 4.00  |       |
| 59.60 | 52.60 | 3.50  | 62.24 | 59.00 | 1.62  |       | 65.60 | 54.40 |       | 5.60  | 57.60 |       | 5.70  | 68.50 | 2.00  |
| 59.80 | 58.00 | 0.90  | 62.40 | 57.60 | 2.40  | 59.40 |       | 3.10  |       | 62.00 | 3.50  | 72.60 | 61.20 | 5.70  |       |
| 59.94 | 55.88 | 2.03  | 62.50 | 54.50 | 4.00  | 65.80 | 58.74 | 3.53  |       | 63.00 | 3.00  |       | 66.40 | 3.10  |       |
| 60.00 | 47.00 | 6.50  |       | 58.50 | 2.00  | 65.99 | 61.01 | 2.49  | 65.00 | 2.00  | 67.00 | 2.80  |       |       |       |
|       | 50.00 | 5.00  | 62.60 | 55.60 | 3.50  | 66.00 | 52.00 | 7.00  | 69.40 | 64.60 | 2.40  | 72.80 | 68.00 | 2.40  |       |
|       | 54.00 | 3.00  | 62.80 | 59.80 | 1.50  |       | 54.00 | 6.00  | 69.60 | 62.60 | 3.50  | 73.00 | 61.60 | 5.70  |       |
|       | 55.00 | 2.50  | 63.00 | 51.60 | 5.70  |       | 54.60 | 5.70  |       | 63.40 | 3.10  |       | 63.00 | 5.00  |       |
| 56.00 | 2.00  | 55.00 |       | 4.00  | 58.00 |       | 4.00  | 69.81 | 59.15 | 5.33  | 67.00 | 3.00  |       |       |       |
| 60.10 | 53.00 | 3.55  | 58.00 | 2.50  | 60.00 | 3.00  | 69.86 | 50.80 | 9.53  | 70.00 | 1.50  |       |       |       |       |
| 60.24 | 57.04 | 1.60  | 60.00 | 1.50  | 62.00 | 2.00  |       | 67.68 | 1.10  | 69.90 | 50.90 | 9.50  | 73.13 | 69.57 | 1.78  |
| 60.32 | 50.80 | 4.76  | 63.40 | 60.40 | 1.50  | 66.50 | 62.50 | 2.00  | 50.90 |       | 9.50  | 73.19 | 67.95 | 2.62  |       |
| 60.36 | 49.70 | 5.33  | 63.50 | 53.98 | 4.76  | 66.60 | 59.60 | 3.50  | 66.10 | 1.90  | 73.20 |       | 60.20 | 6.50  |       |
| 60.40 | 55.60 | 2.40  |       | 55.50 | 4.00  | 66.70 | 59.70 | 3.50  | 69.96 | 66.40 |       | 1.78  | 63.00 | 5.10  |       |
|       | 56.60 | 1.90  | 59.50 | 2.00  | 66.78 | 63.22 | 1.78  | 70.00 | 60.00 | 5.00  | 73.28 | 63.50 | 4.89  |       |       |
| 60.43 | 56.87 | 1.78  | 63.59 | 61.21 | 1.19  | 66.84 | 61.60 |       | 2.62  | 64.00 | 3.00  | 73.33 | 66.27 | 3.53  |       |
| 60.46 | 54.10 | 3.18  | 63.60 | 53.00 | 5.30  | 66.93 | 62.87 | 2.03  | 65.00 | 2.50  | 73.50 | 69.50 | 2.00  |       |       |
| 60.48 | 55.24 | 2.62  |       | 56.50 | 3.55  | 66.98 | 59.92 | 3.53  | 70.01 | 64.77 | 2.62  | 73.53 | 62.87 | 5.33  |       |
| 60.49 | 55.25 | 2.62  |       | 57.40 | 3.10  | 67.00 | 55.60 | 5.70  | 70.10 | 63.00 | 3.55  | 73.55 | 62.89 | 5.33  |       |
| 60.50 | 52.50 | 4.00  |       | 60.04 | 1.78  |       | 59.00 | 4.00  | 67.05 | 63.25 | 1.90  | 70.15 | 63.09 | 3.53  | 73.60 |
|       | 54.50 | 3.00  | 63.61 | 60.05 | 1.78  | 63.00 | 2.00  | 59.69 |       | 5.33  | 70.19 | 66.39 | 1.90  | 64.70 |       |
| 60.60 | 49.20 | 5.70  | 63.66 | 58.42 | 2.62  | 67.10 | 56.50 | 5.30  | 70.35 | 62.23 | 4.06  | 66.60 | 3.50  |       |       |
|       | 49.40 | 5.60  | 63.80 | 56.74 | 3.53  | 60.00 | 3.55  | 62.50 |       | 4.00  | 69.60 | 2.00  |       |       |       |
|       | 50.00 | 5.30  | 64.00 | 52.60 | 5.70  | 67.18 | 56.52 | 5.33  | 70.50 | 64.50 | 3.00  | 73.74 | 66.68 | 3.53  |       |
|       | 54.40 | 3.10  |       | 53.34 | 5.33  | 67.20 | 56.52 | 5.34  |       | 66.50 | 2.00  | 73.80 | 69.80 | 2.00  |       |
| 60.63 | 53.57 | 3.53  |       | 54.00 | 5.00  | 67.30 | 52.30 | 7.50  | 70.60 | 59.20 | 5.70  | 73.80 | 69.80 | 2.00  |       |
| 60.76 | 53.70 | 3.53  |       | 56.00 | 4.00  | 67.39 | 60.33 | 3.53  |       | 59.40 | 5.60  | 73.93 | 66.87 | 3.53  |       |
| 60.82 | 50.16 | 5.33  | 58.00 | 3.00  | 67.40 | 62.60 | 2.40  | 60.00 |       | 5.30  | 73.99 | 68.15 | 2.92  |       |       |
| 60.83 | 50.17 | 5.33  | 60.00 | 2.00  | 67.50 | 59.50 | 4.00  | 64.40 |       | 3.10  | 74.00 | 62.60 | 5.70  |       |       |
| 60.86 | 59.28 | 0.79  | 61.00 | 1.50  | 67.60 | 61.40 | 3.10  | 70.70 | 66.70 | 2.00  | 68.00 | 3.00  |       |       |       |
| 61.00 | 49.60 | 5.70  | 64.06 | 60.50 |       | 1.78  | 62.00 |       | 2.80  | 70.80 | 66.50 | 2.15  | 74.10 | 67.00 | 3.55  |
|       | 54.00 | 3.50  | 64.20 | 61.00 | 1.60  | 66.00 | 0.80  | 71.00 | 57.00 | 7.00  | 74.40 | 69.60 | 2.40  |       |       |
|       | 55.00 | 3.00  | 64.21 | 57.15 | 3.53  | 67.70 | 64.60 |       | 1.55  | 59.60 | 5.70  | 72.00 | 1.20  |       |       |
|       | 58.40 | 1.30  | 64.30 | 47.50 | 8.40  | 67.95 | 64.39 | 1.78  | 64.00 | 3.50  | 66.50 | 4.00  |       |       |       |
| 61.04 | 53.98 | 3.53  | 64.31 | 62.79 | 0.76  | 68.00 | 53.00 | 7.50  | 71.40 | 66.60 | 2.40  | 74.50 | 70.50 | 2.00  |       |
| 61.20 | 56.40 | 2.40  | 64.40 | 59.60 | 2.40  |       | 58.00 | 5.00  |       | 65.00 | 3.00  |       | 71.50 | 1.50  |       |
| 61.21 | 57.15 | 2.03  | 64.60 | 57.60 | 3.50  |       | 60.00 | 4.00  |       | 66.50 | 2.25  | 74.60 | 67.60 | 3.50  |       |
| 61.22 | 59.18 | 1.02  | 65.00 | 55.00 | 5.00  |       | 60.60 | 3.70  |       | 70.00 | 0.50  | 74.70 | 67.70 | 3.50  |       |
| 61.50 | 57.50 | 2.00  |       | 57.00 | 4.00  | 62.00 | 3.00  | 71.42 | 55.58 | 7.92  | 74.76 | 69.52 | 2.62  |       |       |
| 61.60 | 54.50 | 3.55  |       | 58.00 | 3.50  | 63.00 | 2.50  |       | 58.72 | 6.35  | 71.59 | 66.35 | 2.62  | 75.00 | 65.00 |
|       | 54.60 | 3.50  |       | 59.00 | 3.00  | 68.40 | 65.00 | 1.70  | 71.60 | 64.60 |       | 3.50  | 67.00 |       | 4.00  |
| 61.80 | 55.40 | 3.10  | 60.00 | 2.50  | 65.40 |       | 1.50  | 68.41 | 63.17 | 2.62  | 71.80 | 70.00 | 0.90  | 70.00 | 2.50  |
|       | 54.80 | 3.50  | 61.00 | 2.00  | 64.50 | 2.00  | 68.50 |       | 64.50 | 2.00  | 71.90 | 67.10 | 2.40  | 75.10 | 73.10 |
| 61.80 | 57.80 | 2.00  | 62.00 | 1.50  | 65.10 | 65.50 |       | 1.50  | 72.00 | 64.00 | 4.00  | 75.20 | 70.00 | 2.60  |       |
| 61.95 | 58.39 | 1.78  | 65.10 | 54.50 |       | 5.30  | 68.60 | 58.00 |       | 5.30  | 65.00 | 3.50  | 75.27 | 71.25 | 2.01  |
| 62.00 | 55.00 | 3.50  | 65.24 | 60.00 | 2.62  | 61.50 |       | 3.55  |       | 66.00 | 3.00  | 75.32 | 68.26 | 3.53  |       |
|       | 57.00 | 2.50  | 65.30 | 61.20 | 2.05  | 62.40 | 3.10  | 67.00 |       | 2.50  | 75.40 | 70.60 | 2.40  |       |       |
|       |       |       |       |       |       |       |       |       |       |       | 75.50 | 69.50 | 3.00  |       |       |
|       |       |       |       |       |       |       |       |       |       |       | 75.60 | 64.40 | 5.60  |       |       |

## 外径順金型表

外径 75.60 ~ 106.51

(単位 : mm)

| 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径    | 外径    | 内径    | 線径     | 外径     | 内径     | 線径    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|
| 75.60 | 65.00 | 5.30  | 79.68 | 72.62 | 3.53  | 85.60 | 74.40 | 5.60  | 91.40 | 74.60 | 8.40   | 98.10  | 87.50  | 5.30  |
|       | 68.60 | 3.50  | 79.88 | 69.22 | 5.33  |       | 75.00 | 5.30  |       | 85.40 | 3.00   | 98.50  | 94.50  | 2.00  |
|       | 69.40 | 3.10  | 80.00 | 70.00 | 5.00  |       | 79.40 | 3.10  | 91.60 | 84.60 | 3.50   | 98.53  | 94.97  | 1.78  |
| 75.70 | 64.30 | 5.70  |       | 76.00 | 2.00  | 85.80 | 80.20 | 2.80  | 91.80 | 88.24 | 1.78   | 98.73  | 91.67  | 3.53  |
| 75.80 | 68.80 | 3.50  | 80.09 | 73.03 | 3.53  | 85.83 | 82.27 | 1.78  | 92.00 | 84.00 | 4.00   | 98.80  | 89.00  | 4.90  |
|       | 71.00 | 2.40  | 80.10 | 73.00 | 3.55  | 86.00 | 59.00 | 13.50 | 92.10 | 85.00 | 3.55   | 98.93  | 88.27  | 5.33  |
| 75.81 | 74.19 | 0.81  | 80.14 | 72.62 | 3.76  |       | 74.60 | 5.70  | 92.18 | 88.62 | 1.78   | 99.00  | 91.00  | 4.00  |
| 75.88 | 61.90 | 6.99  | 80.28 | 73.38 | 3.45  |       | 78.00 | 4.00  | 92.20 | 87.20 | 2.50   | 99.60  | 92.50  | 3.55  |
| 76.00 | 64.00 | 6.00  | 80.30 | 77.30 | 1.50  |       | 80.00 | 3.00  | 92.38 | 85.32 | 3.53   | 99.90  | 95.10  | 2.40  |
|       | 64.60 | 5.70  | 80.50 | 74.50 | 3.00  |       | 86.03 | 78.97 | 3.53  | 92.50 | 87.70  | 2.40   | 100.00 | 84.00 |
|       | 66.00 | 5.00  |       | 76.50 | 2.00  | 86.10 | 79.50 | 3.30  | 88.00 |       | 2.25   | 90.00  |        | 5.00  |
|       | 68.00 | 4.00  |       | 78.00 | 1.25  | 86.20 | 79.20 | 3.50  | 92.58 | 81.92 | 5.33   | 96.00  |        | 2.00  |
|       | 72.00 | 2.00  | 80.60 | 69.20 | 5.70  | 86.23 | 75.57 | 5.33  | 92.70 | 86.70 | 3.00   | 100.16 | 94.92  | 2.62  |
| 74.40 | 0.80  | 69.40 |       | 5.60  | 86.25 | 75.57 | 5.34  | 93.00 | 85.00 | 4.00  | 100.35 | 89.69  | 5.33   |       |
| 76.10 | 69.00 | 3.55  | 74.40 | 3.10  | 86.48 | 83.00 | 1.74  | 93.10 | 82.50 | 5.30  | 100.60 | 90.00  | 5.30   |       |
| 76.30 | 59.50 | 8.40  | 81.00 | 61.00 | 10.00 | 86.49 | 82.93 | 1.78  | 93.30 | 88.50 |        | 2.40   | 94.40  | 3.10  |
| 76.31 | 72.75 | 1.78  |       | 69.60 | 5.70  | 86.50 | 82.50 | 2.00  | 93.50 | 89.50 | 2.00   | 100.88 | 94.50  | 3.19  |
| 76.36 | 71.12 | 2.62  | 81.11 | 75.87 | 2.62  | 86.51 | 81.51 | 2.50  | 93.70 | 90.50 | 1.60   | 101.00 | 89.60  | 5.70  |
| 76.40 | 71.60 | 2.40  | 81.60 | 71.00 | 5.30  | 86.60 | 79.60 | 3.50  | 93.81 | 88.57 | 2.62   |        | 93.00  | 4.00  |
| 76.50 | 69.44 | 3.53  |       | 74.60 | 3.50  | 86.61 | 82.55 | 2.03  | 94.00 | 87.00 | 3.50   | 101.02 | 98.02  | 1.50  |
| 76.70 | 66.04 | 5.33  | 82.00 | 70.60 | 5.70  | 86.70 | 79.70 | 3.50  | 94.36 | 87.30 | 3.53   | 101.28 | 87.30  | 6.99  |
|       | 69.70 | 3.50  |       | 74.00 | 4.00  | 87.00 | 79.00 | 4.00  | 94.50 | 76.50 | 9.00   | 101.30 | 88.60  | 6.35  |
| 76.87 | 62.87 | 7.00  | 75.80 | 3.10  | 81.00 |       | 3.00  | 94.60 | 87.50 | 3.55  | 101.35 | 96.11  | 2.62   |       |
| 76.91 | 69.85 | 3.53  | 77.00 | 2.50  | 87.10 | 80.00 | 3.55  | 94.62 | 89.38 | 2.62  | 101.46 | 97.80  | 1.83   |       |
| 77.00 | 69.00 | 4.00  | 82.10 | 75.00 | 3.55  | 87.46 | 82.22 | 2.62  | 94.90 | 76.50 | 9.20   | 101.60 | 94.60  | 3.50  |
|       | 71.00 | 3.00  | 82.53 | 78.97 | 1.78  | 88.00 | 81.00 | 3.50  | 95.00 | 85.00 | 5.00   | 101.61 | 98.05  | 1.78  |
|       | 73.00 | 2.00  | 82.85 | 75.79 | 3.53  | 88.10 | 77.50 | 5.30  |       | 88.00 | 3.50   | 101.90 | 94.84  | 3.53  |
|       | 75.00 | 1.00  | 82.90 | 76.50 | 3.20  | 88.20 | 80.00 | 4.10  | 95.23 | 91.67 | 1.78   | 102.00 | 94.00  | 4.00  |
| 77.60 | 67.00 | 5.30  | 83.00 | 75.00 | 4.00  | 88.50 | 84.50 | 2.00  | 95.26 | 91.70 | 1.78   | 102.10 | 91.44  | 5.33  |
|       | 70.60 | 3.50  |       | 77.00 | 3.00  | 88.56 | 85.00 | 1.78  | 95.50 | 88.50 | 3.50   |        | 95.00  | 3.55  |
| 71.40 | 3.10  | 79.00 |       | 2.00  | 88.60 | 77.20 | 5.70  | 89.50 |       | 3.00  | 102.60 | 96.40  | 3.10   |       |
| 77.93 | 72.69 | 2.62  | 83.05 | 72.39 | 5.33  | 88.87 | 73.03 | 7.92  | 95.55 | 88.49 | 3.53   | 103.00 | 99.00  | 2.00  |
| 78.00 | 66.60 | 5.70  | 83.22 | 69.22 | 7.00  | 89.00 | 83.00 | 3.00  | 95.60 | 84.40 | 5.60   | 103.10 | 92.50  | 5.30  |
|       | 70.00 | 4.00  | 83.50 | 79.50 | 2.00  |       | 85.00 | 2.00  |       | 85.00 | 5.30   | 103.50 | 99.50  | 2.00  |
|       | 72.00 | 3.00  | 83.60 | 73.00 | 5.30  | 89.19 | 83.95 | 2.62  |       | 89.40 | 3.10   | 103.60 | 92.20  | 5.70  |
|       | 74.00 | 2.00  | 83.60 | 73.00 | 5.30  | 89.20 | 82.14 | 3.53  |       | 95.75 | 85.09  | 5.33   | 104.00 | 95.00 |
| 78.10 | 71.00 | 3.55  | 84.00 | 68.00 | 8.00  | 89.30 | 85.70 | 1.80  | 95.80 | 76.90 | 9.45   | 98.00  |        | 3.00  |
| 78.30 | 73.50 | 2.40  |       | 78.00 | 3.00  | 89.40 | 78.74 | 5.33  | 96.00 | 84.60 | 5.70   | 100.00 | 2.00   |       |
| 78.40 | 76.00 | 1.20  |       | 80.00 | 2.00  | 89.50 | 85.50 | 2.00  |       | 90.00 | 3.00   | 104.60 | 97.50  | 3.55  |
| 78.50 | 71.44 | 3.53  | 84.10 | 79.30 | 2.40  |       | 86.70 | 1.40  | 96.60 | 89.60 | 3.50   | 104.68 | 101.32 | 1.68  |
|       | 74.50 | 2.00  | 84.40 | 82.00 | 1.20  | 89.60 | 82.50 | 3.55  | 97.00 | 89.00 | 4.00   | 104.88 | 101.32 | 1.78  |
| 78.80 | 75.00 | 1.90  | 84.60 | 77.50 | 3.55  | 90.00 | 80.00 | 5.00  |       | 90.00 | 3.50   | 105.00 | 95.00  | 5.00  |
|       | 77.00 | 0.90  | 84.62 | 79.38 | 2.62  |       | 86.00 | 2.00  |       | 91.00 | 3.00   |        | 100.00 | 2.50  |
| 78.84 | 71.88 | 3.48  | 85.00 | 73.00 | 6.00  | 90.07 | 83.05 | 3.51  | 97.05 | 92.99 | 2.03   | 105.02 | 98.02  | 3.50  |
| 79.00 | 67.60 | 5.70  |       | 75.00 | 5.00  | 90.45 | 79.77 | 5.34  | 97.10 | 90.00 | 3.55   | 105.08 | 98.02  | 3.53  |
|       | 73.00 | 3.00  |       | 80.00 | 2.50  | 90.50 | 84.50 | 3.00  | 97.50 | 94.50 | 1.50   | 105.24 | 100.00 | 2.62  |
|       | 75.00 | 2.00  |       | 81.00 | 2.00  | 90.60 | 79.20 | 5.70  | 97.60 | 91.40 | 3.10   | 105.28 | 94.62  | 5.33  |
| 79.20 | 69.00 | 5.10  | 82.00 | 1.50  | 79.40 |       | 5.60  | 97.83 | 89.45 | 4.19  | 105.50 | 99.50  | 3.00   |       |
| 79.37 | 69.85 | 4.76  | 85.20 | 80.40 | 2.40  |       | 80.00 | 5.30  | 98.00 | 82.00 | 8.00   | 105.60 | 95.00  | 5.30  |
| 79.38 | 74.14 | 2.62  | 85.21 | 74.53 | 5.34  | 84.40 | 3.10  | 88.00 |       | 5.00  | 99.40  |        | 3.10   |       |
| 79.41 | 77.17 | 1.12  | 85.50 | 79.50 | 3.00  | 91.00 | 79.60 | 5.70  |       | 90.00 | 4.00   | 106.00 | 94.60  | 5.70  |
| 79.48 | 75.92 | 1.78  |       | 81.50 | 2.00  |       | 84.00 | 3.50  |       | 95.00 | 1.50   |        | 100.00 | 3.00  |
| 79.60 | 69.00 | 5.30  | 85.60 | 74.20 | 5.70  | 91.30 | 86.50 | 2.40  | 98.04 | 95.50 | 1.27   | 106.51 | 101.27 | 2.62  |

## 外径順金型表 外径 106.60 ~ 143.00

(単位 : mm)

| 外径     | 内径     | 線径    | 外径     | 内径     | 線径     | 外径     | 内径     | 線径     | 外径     | 内径     | 線径     | 外径     | 内径     | 線径     |      |        |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|
| 106.60 | 99.60  | 3.50  | 114.00 | 100.00 | 7.00   | 120.96 | 113.90 | 3.53   | 128.60 | 118.00 | 5.30   | 135.60 | 125.00 | 5.30   |      |        |
| 107.00 | 87.00  | 10.00 | 114.43 | 109.19 | 2.62   | 121.00 | 109.60 | 5.70   | 129.00 | 115.00 | 7.00   | 136.00 | 122.00 | 7.00   |      |        |
|        | 99.00  | 4.00  | 114.60 | 104.44 | 5.08   |        | 115.00 | 3.00   |        | 121.00 | 4.00   |        | 129.00 | 123.00 | 3.00 | 136.00 |
|        | 101.00 | 3.00  |        | 107.54 | 3.53   | 121.15 | 110.49 | 5.33   |        | 125.00 | 2.00   | 136.30 | 119.50 | 8.40   |      |        |
| 107.10 | 100.00 | 3.55  | 114.80 | 104.14 | 5.33   | 121.18 | 110.50 | 5.34   |        | 129.10 | 122.00 | 3.55   | 136.63 | 133.07 | 1.78 |        |
| 107.56 | 104.00 | 1.78  | 114.95 | 100.97 | 6.99   | 121.96 | 111.30 | 5.33   | 130.00 | 116.00 | 7.00   | 136.83 | 129.77 | 3.53   |      |        |
| 107.70 | 100.70 | 3.50  | 115.00 | 101.02 | 6.99   | 122.00 | 114.00 | 4.00   |        | 120.00 | 5.00   | 137.00 | 129.00 | 4.00   |      |        |
| 108.00 | 98.00  | 5.00  |        | 105.00 | 5.00   | 122.10 | 103.20 | 9.45   | 130.20 | 125.22 | 2.49   |        | 130.00 | 130.00 | 3.50 |        |
|        | 100.00 | 4.00  | 110.00 | 2.50   | 115.00 |        | 3.55   | 130.28 | 126.72 | 1.78   | 137.03 | 126.37 | 5.33   |        |      |        |
|        | 101.60 | 3.20  | 115.50 | 109.50 | 3.00   | 122.60 | 112.00 | 5.30   | 130.40 | 122.00 | 4.20   | 137.20 | 123.20 | 7.00   |      |        |
|        | 103.00 | 2.50  |        | 111.50 | 2.00   | 123.00 | 109.00 | 7.00   | 130.46 | 125.22 | 2.62   | 137.23 | 126.57 | 5.33   |      |        |
| 108.10 | 97.50  | 5.30  | 115.60 | 104.40 | 5.60   |        | 111.60 | 5.70   | 130.48 | 123.42 | 3.53   | 137.41 | 133.45 | 1.98   |      |        |
| 108.25 | 101.19 | 3.53  |        | 109.40 | 3.10   |        | 119.00 | 2.00   | 130.53 | 123.47 | 3.53   | 137.60 | 128.00 | 4.80   |      |        |
| 108.26 | 101.20 | 3.53  | 116.00 | 102.00 | 7.00   |        | 123.07 | 117.07 | 3.00   | 130.60 | 119.40 | 5.60   | 138.00 | 130.00 | 4.00 |        |
| 108.40 | 91.60  | 8.40  |        | 104.60 | 5.70   | 123.22 | 117.48 | 2.87   | 124.40 |        | 3.10   | 138.18 | 131.12 | 3.53   |      |        |
| 108.45 | 97.79  | 5.33  | 109.40 | 3.30   | 123.30 | 117.10 | 3.10   | 130.68 | 120.02 | 5.33   | 138.26 | 133.02 | 2.62   |        |      |        |
| 108.50 | 104.50 | 2.00  | 116.10 | 109.00 | 3.55   | 123.50 | 119.50 | 2.00   | 130.80 | 127.00 | 1.90   | 138.30 | 125.10 | 6.60   |      |        |
| 108.90 | 100.20 | 4.35  | 116.50 | 106.50 | 5.00   | 123.93 | 120.37 | 1.78   | 130.82 | 116.84 | 6.99   | 138.50 | 134.50 | 2.00   |      |        |
| 109.00 | 99.00  | 5.00  | 116.60 | 106.00 | 5.30   | 124.00 | 115.00 | 4.50   | 131.00 | 119.60 | 5.70   | 138.60 | 124.60 | 7.00   |      |        |
| 109.20 | 101.80 | 3.70  | 116.80 | 109.60 | 3.60   | 124.13 | 117.07 | 3.53   | 131.38 | 120.70 | 5.34   |        | 128.00 | 5.30   |      |        |
| 109.26 | 105.60 | 1.83  | 116.96 | 103.00 | 6.98   | 124.30 | 118.10 | 3.10   | 131.50 | 127.50 | 2.00   | 131.60 | 3.50   |        |      |        |
| 109.60 | 106.00 | 1.80  | 117.00 | 109.00 | 4.00   | 124.33 | 113.67 | 5.33   | 131.60 | 124.60 | 3.50   | 139.00 | 125.00 | 7.00   |      |        |
| 109.86 | 102.30 | 3.78  |        | 113.00 | 2.00   | 124.50 | 118.50 | 3.00   | 131.70 | 127.90 | 1.90   |        | 133.00 | 3.00   |      |        |
| 110.00 | 100.00 | 5.00  | 117.50 | 109.50 | 4.00   | 124.60 | 117.60 | 3.50   | 131.77 | 120.65 | 5.56   | 139.06 | 133.82 | 2.62   |      |        |
| 110.10 | 103.00 | 3.55  | 117.58 | 114.02 | 1.78   | 124.73 | 117.67 | 3.53   | 131.80 | 128.00 | 1.90   | 139.10 | 132.00 | 3.55   |      |        |
| 110.20 | 104.20 | 3.00  | 117.78 | 110.72 | 3.53   | 125.00 | 105.00 | 10.00  | 132.00 | 126.67 | 2.62   | 139.40 | 130.80 | 4.30   |      |        |
| 110.27 | 105.03 | 2.62  | 117.88 | 107.20 | 5.34   |        | 115.00 | 5.00   |        | 118.00 | 7.00   | 139.83 | 134.59 | 2.62   |      |        |
| 110.50 | 104.50 | 3.00  |        | 107.32 | 5.33   | 125.10 | 118.00 | 3.55   |        | 120.00 | 6.00   | 139.96 | 132.90 | 3.53   |      |        |
| 110.56 | 103.60 | 3.48  | 118.00 | 102.00 | 8.00   |        | 120.50 | 2.30   |        | 124.00 | 4.00   | 140.00 | 130.00 | 5.00   |      |        |
| 110.60 | 100.00 | 5.30  |        | 110.00 | 4.00   | 125.38 | 111.40 | 6.99   | 126.00 | 3.00   | 131.20 |        | 4.40   |        |      |        |
|        | 104.40 | 3.10  | 112.00 | 3.00   | 125.40 | 117.00 | 4.20   | 132.10 | 125.00 | 3.55   | 132.94 |        | 3.53   |        |      |        |
| 110.68 | 100.00 | 5.34  | 118.14 | 104.14 | 7.00   | 125.50 | 121.50 | 2.00   | 132.60 | 122.00 | 5.30   |        | 134.00 | 3.00   |      |        |
| 110.95 | 89.87  | 10.54 | 118.26 | 113.02 | 2.62   | 125.56 | 120.32 | 2.62   | 132.84 | 130.00 | 1.30   | 140.20 | 129.54 | 5.33   |      |        |
| 111.00 | 99.60  | 5.70  | 118.50 | 114.50 | 2.00   | 125.60 | 114.20 | 5.70   |        | 129.54 | 1.65   | 140.35 | 126.37 | 6.99   |      |        |
|        | 105.00 | 3.00  | 118.60 | 111.60 | 3.50   |        | 115.00 | 5.30   | 133.40 | 125.00 | 4.20   | 140.40 | 126.40 | 7.00   |      |        |
|        | 106.00 | 2.50  |        | 107.00 | 6.00   |        | 119.40 | 3.10   | 133.50 | 119.50 | 7.00   | 140.60 | 134.40 | 3.10   |      |        |
| 111.10 | 100.50 | 5.30  | 119.00 | 110.00 | 4.50   | 112.00 | 7.00   | 127.50 |        | 3.00   | 140.65 | 126.67 | 6.99   |        |      |        |
| 111.23 | 107.67 | 1.78  |        | 113.00 | 3.00   | 126.00 | 114.60 | 5.70   | 129.50 | 2.00   | 140.73 | 130.07 | 5.33   |        |      |        |
| 111.30 | 106.30 | 2.50  |        | 115.00 | 2.00   |        | 120.00 | 3.00   | 133.65 | 126.59 | 3.53   | 141.00 | 127.00 | 7.00   |      |        |
| 111.43 | 104.37 | 3.53  | 119.10 | 112.00 | 3.55   | 126.60 | 119.60 | 3.50   | 133.85 | 123.19 | 5.33   |        | 129.60 | 5.70   |      |        |
| 111.46 | 104.40 | 3.53  | 119.21 | 113.97 | 2.62   | 127.00 | 114.30 | 6.35   | 134.00 | 114.00 | 10.00  |        | 132.00 | 4.50   |      |        |
| 111.63 | 100.97 | 5.33  | 119.50 | 92.50  | 13.50  |        | 119.00 | 4.00   |        | 120.00 | 7.00   |        | 135.00 | 3.00   |      |        |
| 112.00 | 103.00 | 4.50  | 119.60 | 109.00 | 5.30   |        | 122.00 | 2.50   |        | 120.02 | 6.99   | 142.00 | 128.00 | 7.00   |      |        |
|        | 104.00 | 4.00  | 119.80 | 116.00 | 1.90   |        | 124.00 | 1.50   |        | 134.48 | 123.80 |        | 5.34   | 134.00 | 4.00 |        |
| 112.20 | 106.00 | 3.10  | 120.00 | 110.00 | 5.00   | 127.30 | 120.24 | 3.53   | 135.00 | 125.00 | 5.00   | 142.60 | 136.00 | 3.00   |      |        |
| 112.60 | 105.60 | 3.50  |        | 114.00 | 3.00   | 127.36 | 123.36 | 2.00   |        | 130.00 | 2.50   |        | 137.80 | 2.10   |      |        |
| 112.86 | 107.62 | 2.62  | 116.00 | 2.00   | 127.50 | 116.84 | 5.33   | 135.10 | 128.00 | 3.55   | 142.02 | 128.02 | 7.00   |        |      |        |
| 113.00 | 101.60 | 5.70  | 120.18 | 109.50 | 5.34   | 127.65 | 113.67 | 6.99   | 135.40 | 117.00 | 9.20   | 142.20 | 138.00 | 2.10   |      |        |
|        | 108.00 | 2.50  | 120.50 | 114.50 | 3.00   | 127.70 | 113.70 | 7.00   | 135.50 | 129.50 | 3.00   | 142.60 | 132.00 | 5.30   |      |        |
| 113.10 | 106.00 | 3.55  | 120.60 | 109.20 | 5.70   | 128.00 | 120.00 | 4.00   |        | 131.50 | 2.00   | 142.76 | 137.52 | 2.62   |      |        |
| 113.50 | 109.50 | 2.00  |        | 109.40 | 5.60   | 128.18 | 117.50 | 5.34   | 135.60 | 124.20 | 5.70   | 142.80 | 139.00 | 1.90   |      |        |
| 113.60 | 103.00 | 5.30  | 114.40 | 3.10   | 128.50 | 124.50 | 2.00   | 124.40 |        | 5.60   | 143.00 | 131.60 | 5.70   |        |      |        |
| 113.90 | 109.10 | 2.40  | 120.95 | 113.89 | 3.53   |        |        |        |        |        |        |        |        |        |      |        |

## 外径順金型表 外径 143.00 ~ 203.85

(単位 : mm)

| 外径     | 内径     | 線径   | 外径     | 内径     | 線径     | 外径     | 内径     | 線径     | 外径     | 内径     | 線径     | 外径     | 内径     | 線径   |
|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 143.00 | 136.00 | 3.50 | 153.05 | 139.07 | 6.99   | 163.50 | 159.50 | 2.00   | 176.00 | 168.00 | 4.00   | 190.51 | 184.15 | 3.18 |
| 143.10 | 136.00 | 3.55 | 153.07 | 139.07 | 7.00   | 163.66 | 158.42 | 2.62   | 176.30 | 159.50 | 8.40   | 190.59 | 184.23 | 3.18 |
| 143.38 | 132.72 | 5.33 | 153.50 | 149.50 | 2.00   | 164.00 | 150.00 | 7.00   | 176.36 | 171.12 | 2.62   | 190.60 | 180.00 | 5.30 |
| 143.50 | 129.50 | 7.00 | 154.00 | 140.00 | 7.00   |        | 160.00 | 2.00   | 176.53 | 172.97 | 1.78   | 190.70 | 179.30 | 5.70 |
|        | 139.50 | 2.00 |        | 144.00 | 5.00   | 165.00 | 155.00 | 5.00   | 177.10 | 170.00 | 3.55   | 190.76 | 183.70 | 3.53 |
| 144.08 | 133.40 | 5.34 | 154.50 | 144.50 | 5.00   |        | 160.00 | 2.50   | 177.80 | 152.80 | 12.50  | 190.80 | 183.74 | 3.53 |
| 144.51 | 139.27 | 2.62 | 155.00 | 145.00 | 5.00   | 165.40 | 158.34 | 3.53   | 178.00 | 170.00 | 4.00   | 191.00 | 183.00 | 4.00 |
| 144.70 | 138.70 | 3.00 |        | 150.00 | 2.50   | 165.41 | 158.35 | 3.53   | 178.10 | 171.04 | 3.53   | 191.15 | 177.17 | 6.99 |
| 144.80 | 142.60 | 1.10 | 155.50 | 149.30 | 3.10   | 165.50 | 159.30 | 3.10   | 178.15 | 171.09 | 3.53   | 191.18 | 177.20 | 6.99 |
| 145.00 | 135.00 | 5.00 | 155.60 | 145.00 | 5.30   | 165.60 | 155.00 | 5.30   | 178.40 | 171.00 | 3.70   | 191.30 | 174.50 | 8.40 |
|        | 140.00 | 2.50 | 155.65 | 148.59 | 3.53   |        | 159.40 | 3.10   | 178.45 | 164.47 | 6.99   | 192.10 | 185.00 | 3.55 |
| 145.60 | 139.40 | 3.10 | 155.70 | 149.50 | 3.10   | 165.70 | 154.30 | 5.70   | 178.50 | 164.50 | 7.00   | 193.50 | 189.50 | 2.00 |
| 146.00 | 132.00 | 7.00 | 155.88 | 148.82 | 3.53   |        | 159.50 | 3.10   |        | 174.50 | 2.00   | 194.00 | 180.00 | 7.00 |
|        | 134.60 | 5.70 | 155.95 | 148.89 | 3.53   | 165.75 | 151.77 | 6.99   | 179.00 | 165.00 | 7.00   | 194.18 | 183.52 | 5.33 |
| 146.18 | 132.20 | 6.99 | 156.00 | 144.60 | 5.70   | 166.00 | 158.00 | 4.00   | 180.00 | 170.00 | 5.00   | 195.00 | 181.00 | 7.00 |
| 146.30 | 140.00 | 3.15 |        | 150.00 | 3.00   |        | 160.00 | 3.00   |        | 174.00 | 3.00   |        | 185.00 | 5.00 |
| 146.35 | 139.29 | 3.53 | 156.08 | 145.42 | 5.33   | 166.30 | 149.50 | 8.40   | 180.50 | 174.30 | 3.10   | 195.40 | 189.20 | 3.10 |
| 146.50 | 138.50 | 4.00 | 156.20 | 142.20 | 7.00   | 166.62 | 162.60 | 2.01   | 180.60 | 170.00 | 5.30   | 195.41 | 190.17 | 2.62 |
| 146.55 | 135.89 | 5.33 | 156.22 | 142.24 | 6.99   | 167.00 | 163.00 | 2.00   | 180.70 | 166.70 | 7.00   | 195.50 | 189.30 | 3.10 |
| 146.60 | 136.00 | 5.30 | 156.28 | 149.58 | 3.35   | 167.10 | 160.00 | 3.55   |        | 169.30 | 5.70   | 195.60 | 185.00 | 5.30 |
|        | 139.60 | 3.50 | 156.50 | 148.50 | 4.00   | 168.00 | 160.00 | 4.00   | 181.00 | 173.00 | 4.00   | 195.70 | 184.30 | 5.70 |
|        | 144.00 | 1.30 | 156.60 | 149.60 | 3.50   | 168.20 | 162.00 | 3.10   | 181.30 | 164.50 | 8.40   | 196.00 | 188.00 | 4.00 |
| 146.70 | 132.72 | 6.99 | 156.78 | 146.10 | 5.34   | 168.50 | 164.50 | 2.00   | 181.48 | 170.82 | 5.33   |        | 189.00 | 3.50 |
| 147.00 | 138.00 | 4.50 | 157.00 | 149.00 | 4.00   | 168.78 | 158.12 | 5.33   | 182.00 | 170.00 | 6.00   |        | 190.00 | 3.00 |
|        | 139.00 | 4.00 | 157.10 | 150.00 | 3.55   | 169.00 | 155.00 | 7.00   | 182.10 | 175.00 | 3.55   | 196.30 | 179.50 | 8.40 |
| 147.10 | 140.00 | 3.55 | 157.31 | 152.07 | 2.62   |        | 157.00 | 6.00   | 182.52 | 177.80 | 2.36   | 197.00 | 181.00 | 8.00 |
| 147.16 | 136.50 | 5.33 | 158.50 | 154.50 | 2.00   | 169.50 | 162.50 | 3.50   | 182.71 | 177.47 | 2.62   | 197.10 | 190.00 | 3.55 |
| 148.50 | 144.50 | 2.00 | 159.00 | 145.00 | 7.00   | 169.96 | 164.72 | 2.62   | 183.50 | 179.50 | 2.00   |        | 192.90 | 2.10 |
| 149.00 | 143.00 | 3.00 | 159.05 | 151.99 | 3.53   | 170.00 | 160.00 | 5.00   | 184.00 | 170.00 | 7.00   | 197.15 | 190.09 | 3.53 |
| 149.06 | 142.90 | 3.08 | 159.06 | 152.00 | 3.53   |        | 164.00 | 3.00   | 184.45 | 177.39 | 3.53   | 197.16 | 190.10 | 3.53 |
| 149.33 | 145.77 | 1.78 | 159.25 | 148.59 | 5.33   | 170.01 | 164.77 | 2.62   | 184.80 | 170.80 | 7.00   | 197.50 | 183.50 | 7.00 |
| 149.53 | 142.47 | 3.53 | 159.40 | 145.40 | 7.00   | 170.42 | 159.02 | 5.70   |        | 170.82 | 6.99   |        | 183.52 | 6.99 |
| 149.56 | 142.50 | 3.53 | 159.88 | 149.20 | 5.34   | 170.50 | 164.30 | 3.10   | 185.00 | 175.00 | 5.00   | 198.00 | 190.00 | 4.00 |
| 149.73 | 139.07 | 5.33 | 160.00 | 150.00 | 5.00   | 170.60 | 160.00 | 5.30   | 185.50 | 179.30 | 3.10   | 198.30 | 193.50 | 2.40 |
| 149.85 | 139.17 | 5.34 |        | 154.00 | 3.00   |        | 164.40 | 3.10   | 185.60 | 175.00 | 5.30   | 198.50 | 194.50 | 2.00 |
| 149.87 | 135.89 | 6.99 | 160.50 | 154.30 | 3.10   | 170.70 | 159.30 | 5.70   |        | 179.40 | 3.10   | 199.00 | 185.00 | 7.00 |
| 149.90 | 135.90 | 7.00 |        | 149.20 | 5.70   | 171.00 | 155.00 | 8.00   | 185.70 | 174.30 | 5.70   | 200.00 | 190.00 | 5.00 |
| 150.00 | 136.00 | 7.00 |        | 149.40 | 5.60   |        | 163.00 | 4.00   | 186.00 | 172.00 | 7.00   | 200.50 | 194.30 | 3.10 |
|        | 140.00 | 5.00 |        | 150.00 | 5.30   | 171.30 | 154.50 | 8.40   |        | 178.00 | 4.00   | 200.53 | 189.87 | 5.33 |
| 150.36 | 139.70 | 5.33 | 154.40 | 3.10   | 171.75 | 164.69 | 3.53   | 186.30 | 169.50 | 8.40   | 200.60 | 189.20 | 5.70   |      |
| 150.60 | 140.00 | 5.30 | 160.70 | 149.30 | 5.70   | 172.10 | 158.10 | 7.00   | 186.40 | 180.00 |        | 3.20   | 190.00 | 5.30 |
|        | 144.40 | 3.10 | 160.90 | 144.10 | 8.40   |        | 158.12 | 6.99   | 187.10 | 180.00 | 3.55   | 194.40 | 3.10   |      |
| 150.96 | 145.72 | 2.62 | 161.00 | 149.60 | 5.70   |        | 165.00 | 3.55   | 187.60 | 180.60 | 3.50   | 200.70 | 189.30 | 5.70 |
| 151.00 | 139.60 | 5.70 | 153.00 | 4.00   | 173.50 | 169.50 | 2.00   | 187.83 | 177.17 | 5.33   | 201.00 | 193.00 | 4.00   |      |
| 151.50 | 143.50 | 4.00 | 161.59 | 158.75 | 1.42   | 173.70 | 159.70 | 7.00   | 188.50 | 184.50 | 2.00   | 201.30 | 184.50 | 8.40 |
| 152.10 | 145.00 | 3.55 | 162.00 | 148.00 | 7.00   | 174.00 | 160.00 | 7.00   | 188.60 | 174.60 | 7.00   |        | 187.30 | 7.00 |
| 152.39 | 144.27 | 4.06 |        | 154.00 | 4.00   | 175.00 | 165.00 | 5.00   | 188.92 | 181.86 | 3.53   | 201.76 | 196.52 | 2.62 |
| 152.50 | 144.50 | 4.00 |        | 155.00 | 3.50   | 175.13 | 164.47 | 5.33   | 189.00 | 175.00 | 7.00   | 201.80 | 188.60 | 6.60 |
| 152.70 | 145.64 | 3.53 | 162.10 | 155.00 | 3.55   | 175.50 | 169.30 | 3.10   | 189.06 | 183.82 | 2.62   | 202.10 | 195.00 | 3.55 |
| 152.90 | 139.70 | 6.60 | 162.36 | 152.90 | 4.73   | 175.60 | 164.20 | 5.70   | 189.50 | 185.50 | 2.00   | 203.00 | 198.00 | 2.50 |
|        | 142.24 | 5.33 | 162.43 | 151.77 | 5.33   |        | 165.00 | 5.30   | 190.00 | 180.00 | 5.00   |        | 196.44 | 3.53 |
| 153.00 | 145.00 | 4.00 | 162.57 | 148.59 | 6.99   | 175.70 | 164.30 | 5.70   | 190.20 | 184.00 | 3.10   | 199.50 | 2.00   |      |
| 153.04 | 139.06 | 6.99 | 162.60 | 148.60 | 7.00   | 175.90 | 161.90 | 7.00   | 190.50 | 184.30 | 3.10   | 203.85 | 189.87 | 6.99 |

外径順金型表 外径 204.00 ~ 295.60

(単位 : mm)

| 外径     | 内径     | 線径    | 外径     | 内径     | 線径   | 外径     | 内径     | 線径   | 外径     | 内径     | 線径     | 外径     | 内径     | 線径    |
|--------|--------|-------|--------|--------|------|--------|--------|------|--------|--------|--------|--------|--------|-------|
| 204.00 | 190.00 | 7.00  | 222.55 | 215.49 | 3.53 | 240.00 | 230.00 | 5.00 | 255.50 | 249.30 | 3.10   | 275.50 | 269.30 | 3.10  |
| 205.00 | 185.00 | 10.00 | 222.60 | 212.00 | 5.30 | 240.50 | 234.30 | 3.10 | 255.60 | 249.40 | 3.10   | 275.60 | 265.00 | 5.30  |
|        | 195.00 | 5.00  | 222.88 | 208.90 | 6.99 | 240.60 | 230.00 | 5.30 | 255.70 | 244.30 | 5.70   |        | 269.40 | 3.10  |
| 205.50 | 199.30 | 3.10  | 222.90 | 208.90 | 7.00 | 240.70 | 229.30 | 5.70 | 255.80 | 246.60 | 4.60   | 275.70 | 264.30 | 5.70  |
| 205.60 | 195.00 | 5.30  | 223.50 | 219.50 | 2.00 | 241.00 | 234.00 | 3.50 | 256.30 | 239.50 | 8.40   | 276.30 | 259.50 | 8.40  |
|        | 199.40 | 3.10  | 225.00 | 215.00 | 5.00 | 241.30 | 224.50 | 8.40 | 257.00 | 243.00 | 7.00   | 276.73 | 266.07 | 5.33  |
| 205.70 | 194.30 | 5.70  | 225.30 | 208.50 | 8.40 | 241.60 | 234.54 | 3.53 | 257.02 | 249.96 | 3.53   | 277.00 | 271.00 | 3.00  |
| 206.00 | 198.00 | 4.00  | 225.50 | 219.30 | 3.10 | 241.90 | 227.90 | 7.00 | 257.68 | 247.02 | 5.33   | 278.00 | 264.80 | 6.60  |
| 206.30 | 189.50 | 8.40  | 225.60 | 219.40 | 3.10 | 241.95 | 227.97 | 6.99 | 258.50 | 254.50 | 2.00   | 278.50 | 274.50 | 2.00  |
| 206.88 | 196.22 | 5.33  | 225.70 | 214.30 | 5.70 | 242.35 | 237.11 | 2.62 | 259.50 | 247.50 | 6.00   | 279.00 | 265.00 | 7.00  |
| 207.10 | 200.00 | 3.55  | 225.93 | 215.27 | 5.33 | 243.50 | 239.50 | 2.00 | 260.00 | 246.00 | 7.00   | 279.50 | 267.50 | 6.00  |
| 207.70 | 193.70 | 7.00  | 226.00 | 212.00 | 7.00 | 243.60 | 234.14 | 4.73 |        | 250.00 | 5.00   | 280.00 | 270.00 | 5.00  |
| 208.11 | 202.87 | 2.62  |        | 218.00 | 4.00 | 244.00 | 230.00 | 7.00 | 260.43 | 253.37 | 3.53   | 280.05 | 266.07 | 6.99  |
| 208.50 | 204.50 | 2.00  | 226.20 | 222.60 | 1.80 | 244.46 | 237.40 | 3.53 | 260.50 | 254.30 | 3.10   | 280.07 | 266.07 | 7.00  |
| 209.00 | 195.00 | 7.00  | 226.30 | 209.50 | 8.40 | 244.50 | 232.50 | 6.00 | 260.60 | 250.00 | 5.30   | 280.50 | 274.30 | 3.10  |
| 209.85 | 202.79 | 3.53  | 227.14 | 221.90 | 2.62 | 244.98 | 234.32 | 5.33 | 260.65 | 253.59 | 3.53   | 280.60 | 274.40 | 3.10  |
| 210.00 | 200.00 | 5.00  | 228.10 | 224.50 | 1.80 | 245.00 | 235.00 | 5.00 | 260.66 | 253.60 | 3.53   | 280.70 | 269.30 | 5.70  |
| 210.20 | 196.20 | 7.00  | 228.50 | 224.50 | 2.00 |        | 237.00 | 4.00 | 260.70 | 249.30 | 5.70   |        | 274.50 | 3.10  |
|        | 196.22 | 6.99  | 228.60 | 218.00 | 5.30 |        | 238.60 | 3.20 | 261.00 | 247.00 | 7.00   | 281.30 | 264.50 | 8.40  |
| 210.50 | 204.30 | 3.10  | 228.90 | 221.84 | 3.53 |        | 239.00 | 3.00 | 261.30 | 244.50 | 8.40   | 282.60 | 272.00 | 5.30  |
| 210.60 | 200.00 | 5.30  | 229.25 | 215.27 | 6.99 | 245.46 | 238.40 | 3.53 | 263.50 | 259.50 | 2.00   | 283.00 | 275.00 | 4.00  |
| 210.70 | 199.30 | 5.70  | 229.27 | 215.27 | 7.00 | 245.50 | 239.30 | 3.10 | 264.00 | 250.00 | 7.00   | 283.50 | 279.50 | 2.00  |
|        | 204.50 | 3.10  | 229.30 | 215.30 | 7.00 | 245.60 | 239.40 | 3.10 | 264.03 | 253.37 | 5.33   | 283.60 | 277.00 | 3.30  |
| 211.00 | 203.00 | 4.00  | 230.00 | 216.00 | 7.00 | 245.70 | 234.30 | 5.70 | 264.36 | 253.70 | 5.33   | 284.00 | 272.00 | 6.00  |
| 211.30 | 194.50 | 8.40  |        | 220.00 | 5.00 | 246.21 | 240.97 | 2.62 | 264.50 | 252.50 | 6.00   | 285.00 | 275.00 | 5.00  |
| 213.23 | 202.57 | 5.33  | 230.50 | 224.30 | 3.10 | 246.30 | 229.50 | 8.40 | 265.00 | 255.00 | 5.00   | 285.50 | 279.30 | 3.10  |
| 213.50 | 209.50 | 2.00  | 230.70 | 219.30 | 5.70 | 246.60 | 236.00 | 5.30 |        | 258.60 | 3.20   | 285.60 | 279.40 | 3.10  |
| 214.00 | 200.00 | 7.00  | 231.30 | 214.50 | 8.40 | 247.85 | 240.79 | 3.53 | 260.00 | 2.50   | 285.70 | 274.30 | 5.70   |       |
| 214.11 | 208.87 | 2.62  | 232.00 | 218.00 | 7.00 | 247.91 | 240.85 | 3.53 | 265.40 | 258.34 | 3.53   | 286.00 | 266.00 | 10.00 |
| 214.46 | 209.22 | 2.62  | 232.28 | 221.62 | 5.33 | 247.95 | 240.89 | 3.53 | 265.50 | 259.30 | 3.10   |        | 272.00 | 7.00  |
| 215.00 | 205.00 | 5.00  | 233.00 | 225.00 | 4.00 | 248.30 | 234.30 | 7.00 | 265.60 | 259.40 | 3.10   | 286.05 | 278.99 | 3.53  |
| 215.50 | 209.30 | 3.10  | 233.50 | 229.50 | 2.00 | 248.50 | 244.50 | 2.00 | 265.70 | 254.30 | 5.70   | 286.30 | 269.50 | 8.40  |
|        | 209.50 | 3.00  | 233.51 | 228.27 | 2.62 | 249.00 | 235.00 | 7.00 | 266.30 | 249.50 | 8.40   | 286.40 | 272.40 | 7.00  |
| 215.60 | 204.20 | 5.70  | 234.50 | 222.50 | 6.00 |        | 237.00 | 6.00 |        | 259.24 | 3.53   | 288.00 | 280.00 | 4.00  |
|        | 209.40 | 3.10  | 234.60 | 224.00 | 5.30 | 249.50 | 237.50 | 6.00 | 267.35 | 253.37 | 6.99   | 288.50 | 284.50 | 2.00  |
| 215.70 | 204.30 | 5.70  | 235.00 | 225.00 | 5.00 | 250.00 | 236.00 | 7.00 | 267.37 | 253.37 | 7.00   | 289.00 | 277.00 | 6.00  |
| 216.00 | 208.00 | 4.00  | 235.25 | 228.19 | 3.53 |        | 240.00 | 5.00 | 268.50 | 264.50 | 2.00   | 289.43 | 278.77 | 5.33  |
|        | 209.00 | 3.50  | 235.26 | 228.20 | 3.53 | 250.50 | 244.30 | 3.10 | 268.60 | 258.00 | 5.30   | 290.00 | 270.00 | 10.00 |
| 216.20 | 209.14 | 3.53  | 235.50 | 229.30 | 3.10 | 250.70 | 239.30 | 5.70 | 269.50 | 257.50 | 6.00   |        | 280.00 | 5.00  |
| 216.30 | 199.50 | 8.40  | 235.60 | 221.60 | 7.00 | 250.78 | 244.40 | 3.19 | 270.00 | 250.00 | 10.00  | 290.50 | 284.30 | 3.10  |
|        |        |       |        | 229.40 | 3.10 | 251.30 | 234.50 | 8.40 |        | 260.00 | 5.00   | 290.60 | 280.00 | 5.30  |
| 216.55 | 202.57 | 6.99  | 235.70 | 224.30 | 5.70 | 251.33 | 240.67 | 5.33 | 270.50 | 264.30 | 3.10   | 290.70 | 279.30 | 5.70  |
| 216.60 | 206.00 | 5.30  | 235.96 | 225.30 | 5.33 | 252.38 | 245.32 | 3.53 | 270.70 | 259.30 | 5.70   | 291.30 | 274.50 | 8.40  |
| 218.50 | 214.50 | 2.00  | 236.00 | 228.94 | 3.53 | 252.56 | 247.32 | 2.62 | 271.00 | 257.00 | 7.00   | 292.75 | 278.77 | 6.99  |
| 219.58 | 208.92 | 5.33  | 236.30 | 219.50 | 8.40 | 253.00 | 245.00 | 4.00 | 271.30 | 254.50 | 8.40   | 292.77 | 278.77 | 7.00  |
| 220.00 | 206.00 | 7.00  | 236.40 | 225.00 | 5.70 | 253.50 | 249.50 | 2.00 | 272.00 | 258.00 | 7.00   | 293.00 | 284.00 | 4.50  |
|        | 210.00 | 5.00  | 236.80 | 224.00 | 6.40 | 253.60 | 243.00 | 5.30 | 273.35 | 266.29 | 3.53   | 293.24 | 282.58 | 5.33  |
| 220.50 | 214.30 | 3.10  | 237.00 | 233.00 | 2.00 | 254.30 | 247.24 | 3.53 | 273.50 | 269.50 | 2.00   | 293.50 | 289.50 | 2.00  |
| 220.70 | 209.30 | 5.70  | 238.00 | 224.00 | 7.00 | 254.50 | 242.50 | 6.00 | 273.68 | 259.70 | 6.99   | 294.00 | 280.00 | 7.00  |
|        | 214.50 | 3.10  | 238.50 | 234.50 | 2.00 | 254.65 | 240.67 | 6.99 | 273.70 | 259.70 | 7.00   |        | 282.00 | 6.00  |
| 220.81 | 215.57 | 2.62  | 238.63 | 227.97 | 5.33 | 254.70 | 240.70 | 7.00 | 274.50 | 262.50 | 6.00   | 295.00 | 285.00 | 5.00  |
| 221.00 | 213.00 | 4.00  | 239.50 | 227.50 | 6.00 | 255.00 | 245.00 | 5.00 | 275.00 | 265.00 | 5.00   | 295.50 | 289.30 | 3.10  |
| 221.30 | 204.50 | 8.40  | 239.86 | 234.62 | 2.62 |        | 250.00 | 2.50 |        | 269.00 | 3.00   | 295.60 | 289.40 | 3.10  |



## 外径順金型表

外径 295.70 ~ 1064.00

(単位 : mm)

| 外径     | 内径     | 線径   | 外径     | 内径     | 線径   | 外径     | 内径     | 線径   | 外径     | 内径     | 線径    | 外径      | 内径      | 線径    |
|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|-------|---------|---------|-------|
| 295.70 | 284.30 | 5.70 | 325.50 | 319.30 | 3.10 | 358.06 | 353.00 | 2.53 | 397.60 | 387.00 | 5.30  | 544.50  | 524.50  | 10.00 |
| 296.30 | 279.50 | 8.40 | 325.60 | 315.00 | 5.30 | 358.50 | 346.50 | 6.00 | 398.00 | 386.00 | 6.00  | 559.00  | 545.00  | 7.00  |
| 297.00 | 294.00 | 1.50 | 325.70 | 314.30 | 5.70 | 359.00 | 345.00 | 7.00 | 400.50 | 394.30 | 3.10  | 568.32  | 557.66  | 5.33  |
| 298.50 | 294.50 | 2.00 | 326.30 | 309.50 | 8.40 | 360.50 | 354.30 | 3.10 | 400.60 | 394.40 | 3.10  | 574.00  | 560.00  | 7.00  |
| 298.75 | 291.69 | 3.53 | 329.00 | 315.00 | 7.00 | 360.70 | 349.30 | 5.70 | 400.70 | 389.30 | 5.70  | 593.34  | 582.68  | 5.33  |
| 299.00 | 287.00 | 6.00 |        | 317.00 | 6.00 | 361.30 | 344.50 | 8.40 | 401.00 | 387.00 | 7.00  | 594.00  | 580.00  | 7.00  |
| 299.10 | 285.10 | 7.00 | 330.20 | 316.20 | 7.00 | 362.25 | 355.19 | 3.53 | 401.30 | 384.50 | 8.40  | 599.00  | 579.00  | 10.00 |
| 300.00 | 290.00 | 5.00 |        | 317.50 | 6.35 | 362.70 | 351.30 | 5.70 | 403.00 | 391.00 | 6.00  | 614.00  | 600.00  | 7.00  |
| 300.50 | 294.30 | 3.10 | 330.50 | 324.30 | 3.10 | 363.50 | 351.50 | 6.00 | 405.50 | 399.30 | 3.10  | 629.00  | 615.00  | 7.00  |
| 300.60 | 290.00 | 5.30 | 330.70 | 319.30 | 5.70 | 365.50 | 359.30 | 3.10 | 405.70 | 394.30 | 5.70  | 644.00  | 630.00  | 7.00  |
| 300.70 | 289.30 | 5.70 | 330.80 | 316.80 | 7.00 | 365.60 | 355.00 | 5.30 | 406.30 | 389.50 | 8.40  | 644.14  | 633.48  | 5.33  |
| 301.30 | 284.50 | 8.40 | 330.84 | 316.86 | 6.99 | 365.63 | 354.97 | 5.33 | 407.05 | 393.07 | 6.99  | 653.50  | 633.50  | 10.00 |
| 302.13 | 291.47 | 5.33 | 330.85 | 316.87 | 6.99 | 365.70 | 354.30 | 5.70 | 407.10 | 393.10 | 7.00  | 664.00  | 650.00  | 7.00  |
| 303.00 | 295.00 | 4.00 | 331.30 | 314.50 | 8.40 | 366.30 | 349.50 | 8.40 | 407.60 | 401.40 | 3.10  | 684.00  | 670.00  | 7.00  |
| 303.50 | 299.50 | 2.00 | 332.00 | 320.00 | 6.00 | 367.00 | 355.00 | 6.00 | 408.00 | 396.00 | 6.00  | 703.00  | 683.00  | 10.00 |
| 304.00 | 290.00 | 7.00 | 333.50 | 321.50 | 6.00 | 368.48 | 354.50 | 6.99 | 410.60 | 400.00 | 5.30  | 752.50  | 732.50  | 10.00 |
|        | 292.00 | 6.00 | 335.30 | 318.50 | 8.40 | 368.50 | 356.50 | 6.00 | 410.70 | 399.30 | 5.70  | 802.00  | 782.00  | 10.00 |
| 305.00 | 295.00 | 5.00 | 335.50 | 329.30 | 3.10 | 368.80 | 354.80 | 7.00 | 411.30 | 394.50 | 8.40  | 856.50  | 836.50  | 10.00 |
| 305.40 | 291.42 | 6.99 | 335.60 | 325.00 | 5.30 | 369.00 | 355.00 | 7.00 | 412.20 | 406.00 | 3.10  | 960.50  | 940.50  | 10.00 |
| 305.45 | 291.47 | 6.99 | 335.70 | 324.30 | 5.70 | 370.50 | 364.30 | 3.10 | 412.32 | 405.26 | 3.53  | 1064.00 | 1044.00 | 10.00 |
| 305.50 | 299.30 | 3.10 | 336.30 | 319.50 | 8.40 | 370.70 | 359.30 | 5.70 | 414.00 | 396.00 | 9.00  |         |         |       |
| 305.60 | 299.40 | 3.10 | 336.48 | 330.12 | 3.18 | 371.30 | 354.50 | 8.40 |        | 400.00 | 7.00  |         |         |       |
| 305.70 | 294.30 | 5.70 | 336.80 | 325.00 | 5.90 | 372.00 | 360.00 | 6.00 | 415.92 | 405.26 | 5.33  |         |         |       |
| 306.30 | 289.50 | 8.40 | 336.85 | 329.79 | 3.53 | 373.50 | 361.50 | 6.00 | 416.30 | 399.50 | 8.40  |         |         |       |
| 308.00 | 300.00 | 4.00 | 338.50 | 326.50 | 6.00 | 375.50 | 369.30 | 3.10 | 419.24 | 405.26 | 6.99  |         |         |       |
| 309.00 | 297.00 | 6.00 | 339.00 | 325.00 | 7.00 | 375.60 | 365.00 | 5.30 | 423.98 | 410.00 | 6.99  |         |         |       |
| 310.00 | 300.00 | 5.00 | 340.23 | 329.57 | 5.33 | 375.70 | 364.30 | 5.70 | 426.00 | 412.00 | 7.00  |         |         |       |
| 310.50 | 304.30 | 3.10 | 340.50 | 334.30 | 3.10 | 376.30 | 359.50 | 8.40 | 426.30 | 409.50 | 8.40  |         |         |       |
|        | 306.50 | 2.00 | 340.70 | 329.30 | 5.70 | 378.50 | 366.50 | 6.00 | 437.50 | 425.50 | 6.00  |         |         |       |
| 310.60 | 300.00 | 5.30 | 341.00 | 335.00 | 3.00 | 379.00 | 365.00 | 7.00 | 437.72 | 430.66 | 3.53  |         |         |       |
| 310.70 | 299.30 | 5.70 | 341.30 | 324.50 | 8.40 | 380.50 | 374.30 | 3.10 | 439.00 | 425.00 | 7.00  |         |         |       |
| 311.30 | 294.50 | 8.40 | 342.10 | 329.30 | 6.40 | 380.70 | 369.30 | 5.70 | 441.32 | 430.66 | 5.33  |         |         |       |
| 311.45 | 304.39 | 3.53 | 343.50 | 329.50 | 7.00 | 381.30 | 364.50 | 8.40 | 450.70 | 439.30 | 5.70  |         |         |       |
| 311.48 | 304.22 | 3.63 |        | 331.50 | 6.00 | 381.65 | 367.67 | 6.99 | 451.00 | 437.00 | 7.00  |         |         |       |
| 311.80 | 297.80 | 7.00 | 343.55 | 329.57 | 6.99 | 383.50 | 371.50 | 6.00 | 455.60 | 449.40 | 3.10  |         |         |       |
| 312.00 | 304.00 | 4.00 | 345.50 | 339.30 | 3.10 | 385.50 | 379.30 | 3.10 | 463.12 | 456.06 | 3.53  |         |         |       |
| 312.13 | 301.47 | 5.33 | 345.60 | 335.00 | 5.30 | 385.60 | 375.00 | 5.30 | 464.00 | 450.00 | 7.00  |         |         |       |
| 314.00 | 300.00 | 7.00 | 345.70 | 334.30 | 5.70 | 385.70 | 374.30 | 5.70 | 466.60 | 459.20 | 3.70  |         |         |       |
|        | 302.00 | 6.00 | 346.30 | 329.50 | 8.40 | 386.30 | 369.50 | 8.40 | 466.72 | 456.06 | 5.33  |         |         |       |
| 314.82 | 304.16 | 5.33 | 348.50 | 336.50 | 6.00 | 387.65 | 380.59 | 3.53 | 476.00 | 462.00 | 7.00  |         |         |       |
| 315.50 | 309.30 | 3.10 | 349.00 | 335.00 | 7.00 | 388.00 | 376.00 | 6.00 | 489.00 | 475.00 | 7.00  |         |         |       |
| 315.70 | 304.30 | 5.70 | 350.50 | 344.30 | 3.10 | 389.00 | 375.00 | 7.00 | 492.12 | 481.46 | 5.33  |         |         |       |
| 316.30 | 299.50 | 8.40 | 350.60 | 344.40 | 3.10 | 390.50 | 384.30 | 3.10 | 495.00 | 475.00 | 10.00 |         |         |       |
| 317.60 | 307.00 | 5.30 | 350.70 | 339.30 | 5.70 | 390.60 | 386.60 | 2.00 | 500.70 | 489.30 | 5.70  |         |         |       |
| 318.14 | 304.16 | 6.99 | 351.30 | 334.50 | 8.40 | 390.70 | 379.30 | 5.70 | 501.00 | 487.00 | 7.00  |         |         |       |
| 318.17 | 304.17 | 7.00 | 353.00 | 347.00 | 3.00 | 391.03 | 380.37 | 5.33 | 510.70 | 499.30 | 5.70  |         |         |       |
| 319.00 | 307.00 | 6.00 | 353.50 | 341.50 | 6.00 | 391.30 | 374.50 | 8.40 | 514.00 | 500.00 | 7.00  |         |         |       |
| 320.50 | 314.30 | 3.10 | 355.50 | 349.30 | 3.10 | 393.00 | 381.00 | 6.00 | 520.84 | 506.86 | 6.99  |         |         |       |
| 320.70 | 309.30 | 5.70 | 355.60 | 345.00 | 5.30 | 394.00 | 386.94 | 3.53 | 525.70 | 514.30 | 5.70  |         |         |       |
| 321.00 | 307.00 | 7.00 | 355.70 | 344.30 | 5.70 | 394.35 | 380.37 | 6.99 | 529.00 | 515.00 | 7.00  |         |         |       |
| 321.30 | 304.50 | 8.40 | 356.25 | 342.27 | 6.99 | 395.50 | 389.30 | 3.10 | 535.70 | 524.30 | 5.70  |         |         |       |
| 322.46 | 315.40 | 3.53 | 356.27 | 342.27 | 7.00 | 395.70 | 384.30 | 5.70 | 542.92 | 532.26 | 5.33  |         |         |       |
| 324.00 | 312.00 | 6.00 | 356.30 | 339.50 | 8.40 | 396.30 | 379.50 | 8.40 | 544.00 | 530.00 | 7.00  |         |         |       |