

# インボリュートスプライン抜粋表(単位m/m)

| 基礎事項  |    |       |     |          |       |       | 穴     |        |      |        |         | 軸      |       |       |         |        | 測定ピン径  |       |       |      |    |
|-------|----|-------|-----|----------|-------|-------|-------|--------|------|--------|---------|--------|-------|-------|---------|--------|--------|-------|-------|------|----|
| 呼び径   | 歯数 | モジュール | 圧力角 | 基準ピッチ円直径 | 基礎円直径 | 転移係数  | 大径    |        | 小径   |        | オーバーピン径 |        | 大径    | 小径    | オーバーピン径 |        | 穴      | 軸     |       |      |    |
|       |    |       |     |          |       |       | 歯面合ワセ |        | 基本寸法 | 寸法公差   | 基本寸法    | 寸法公差   |       |       | 歯面合ワセ   | 基本寸法   |        |       | 基本寸法  | 寸法公差 |    |
|       |    |       |     |          |       |       | 基本寸法  | 寸法公差   |      |        |         |        |       |       |         |        |        |       |       | a級   | b級 |
| 8     | 9  | 0.75  | 20° | 6.75     | 6.343 | 0.633 | 8     | -0.013 | 6.5  | +0.015 | 4.916   | +0.108 | 7.85  | 6.2   | 9.202   | -0.097 | -0.011 | φ 1.5 | φ 1.4 |      |    |
|       |    |       |     |          |       |       |       | -0.028 |      | 0      |         | 0      |       |       |         | -0.162 | -0.076 |       |       |      |    |
| 17    | 15 | 1     | 20° | 15       | 14.09 | 0.8   | 17    | -0.016 | 15   | +0.018 | 12.99   | +0.07  | 16.8  | 14.6  | 18.59   | -0.108 | -0.013 | φ 2.0 | φ 1.8 |      |    |
|       |    |       |     |          |       |       |       | -0.034 |      | 0      |         | 0      |       |       |         | -0.18  | -0.085 |       |       |      |    |
| 21    | 10 | 1.75  | 20° | 17.5     | 16.44 | 0.8   | 21    | -0.02  | 17.5 | +0.018 | 14.12   | +0.083 | 20.65 | 16.8  | 24.96   | -0.121 | -0.017 | φ 3.5 | φ 3.6 |      |    |
|       |    |       |     |          |       |       |       | -0.041 |      | 0      |         | 0      |       |       |         | -0.204 | -0.1   |       |       |      |    |
| 25    | 13 | 1.667 | 20° | 21.66    | 20.36 | 0.8   | 25    | -0.02  | 21.7 | +0.021 | 18.29   | +0.084 | 24.67 | 21    | 27.56   | -0.122 | -0.017 | φ 3.3 | φ 3.0 |      |    |
|       |    |       |     |          |       |       |       | -0.041 |      | 0      |         | 0      |       |       |         | -0.206 | -0.101 |       |       |      |    |
| 30    | 16 | 1.667 | 20° | 26.66    | 25.05 | 0.8   | 30    | -0.02  | 26.7 | +0.021 | 23.45   | +0.085 | 29.67 | 26    | 32.85   | -0.129 | -0.018 | φ 3.3 | φ 3.0 |      |    |
|       |    |       |     |          |       |       |       | -0.041 |      | 0      |         | 0      |       |       |         | -0.217 | -0.107 |       |       |      |    |
| 38    | 17 | 2     | 20° | 34       | 31.95 | 0.8   | 38    | -0.025 | 34   | +0.025 | 29.99   | +0.085 | 37.6  | 33.2  | 41.29   | -0.13  | -0.019 | φ 4.0 | φ 3.6 |      |    |
|       |    |       |     |          |       |       |       | -0.05  |      | 0      |         | 0      |       |       |         | -0.219 | -0.108 |       |       |      |    |
| 38.33 | 21 | 1.667 | 20° | 35       | 32.88 | 0.8   | 38.33 | -0.025 | 35   | +0.025 | 31.69   | +0.085 | 38    | 34.33 | 41.21   | -0.136 | -0.019 | φ 3.3 | φ 3.0 |      |    |
|       |    |       |     |          |       |       |       | -0.05  |      | 0      |         | 0      |       |       |         | -0.229 | -0.113 |       |       |      |    |
| 48.33 | 27 | 1.667 | 20° | 45       | 42.88 | 0.8   | 48.33 | -0.025 | 45   | +0.025 | 41.71   | +0.086 | 48    | 44.33 | 51.36   | -0.143 | -0.02  | φ 3.3 | φ 3.0 |      |    |
|       |    |       |     |          |       |       |       | -0.05  |      | 0      |         | 0      |       |       |         | -0.241 | -0.119 |       |       |      |    |