

# High Performance Solid Carbide Taps



## TKS Series

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P | M | K | N | S | H |
| ○ |   | ● | ● |   |   |

- Spiral Fluted Taps.
- High rigidity prevents tool breakage.
- For cast iron, brass casting, aluminum casting and steel.



## TKT Series

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P | M | K | N | S | H |
|   |   | ● | ● |   |   |

- Straight Fluted Taps.
- Strong cutting edges.
- For cast iron, brass casting, and aluminum casting.



## THT Series

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P | M | K | N | S | H |
|   |   |   |   |   | ● |

- Straight Fluted Taps.
- Strong cutting edges.
- For hardened steel (HRC 40 ~ 55).



## TNF Series

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P | M | K | N | S | H |
|   |   |   | ● |   |   |

- Forming Taps.
- Do not produce chips.
- For aluminum alloy and copper.

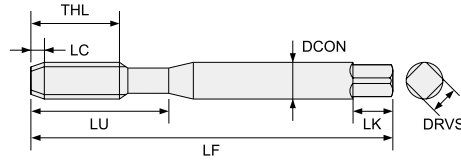


## TKS - Spiral Fluted Taps

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| P | M | K | N | S | H |
| ○ | □ | ● | ● | □ | □ |

### Specification

- Thread type : ISO M
- For cast iron, brass casting, aluminum casting and steel.
- Recommend for through hole.
- New ANAX Smooth Coating
- Vc = 5~15 m/min



### JIS

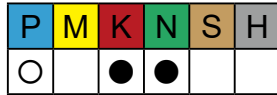
| Order No.       | Thread   | LC   | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|------|-----|----|----|------|----|------|--------|-----------|------------|
| TKSNM306010031A | M6×1.00  |      | 19  | 29 | 70 | 6    | 7  | 4.5  | 3      | OH3       | 5.0        |
| TKSNM308012531A | M8×1.25  |      | 22  | -  | 75 | 6.2  | 8  | 5    | 3      |           | 6.75       |
| TKSNM310012531A | M10×1.25 | 2~3P | 24  | -  | 75 | 7    | 8  | 5.5  | 3      |           | 8.5        |
| TKSNM310012631A | M10×1.50 |      | 24  | -  | 75 | 7    | 8  | 5.5  | 3      | OH4       | 8.5        |
| TKSNM312012531A | M12×1.25 |      | 29  | -  | 95 | 8.5  | 9  | 6.5  | 3      |           | 10.25      |
| TKSNM312017531A | M12×1.75 |      | 29  | -  | 95 | 8.5  | 9  | 6.5  | 3      |           | 10.25      |

Unit:mm

### DIN 371

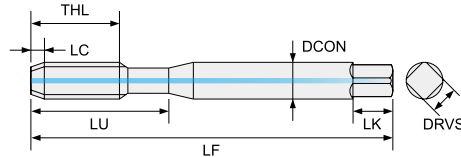
| Order No.       | Thread   | LC               | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|------------------|-----|----|----|------|----|------|--------|-----------|------------|
| TKSNM305008033A | M5×0.80  |                  | 16  | 24 | 70 | 6    | 8  | 4.9  | 3      |           | 4.2        |
| TKSNM306010033A | M6×1.00  | Form C<br>(2~3P) | 19  | 29 | 70 | 6    | 8  | 4.9  | 3      | 6HX       | 5.0        |
| TKSNM308012533A | M8×1.25  |                  | 22  | 32 | 75 | 8    | 9  | 6.2  | 3      |           | 6.75       |
| TKSNM310015033A | M10×1.50 |                  | 24  | 40 | 75 | 10   | 11 | 8    | 3      |           | 8.5        |

## TKS - Spiral Fluted Taps with Internal Coolant



### Specification

- Thread type : ISO M
- For cast iron, brass casting, aluminum casting and steel.
- Recommend for blind hole.
- New ANAX Smooth Coating
- Vc = 10~50 m/min



### JIS

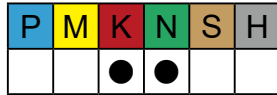
| Order No.       | Thread   | LC   | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|------|-----|----|----|------|----|------|--------|-----------|------------|
| TKSCM306010031A | M6×1.00  |      | 19  | 29 | 70 | 6    | 7  | 4.5  | 3      | OH3       | 5.0        |
| TKSCM308012531A | M8×1.25  |      | 22  | -  | 75 | 6.2  | 8  | 5    | 3      |           | 6.75       |
| TKSCM310012531A | M10×1.25 | 2~3P | 24  | -  | 75 | 7    | 8  | 5.5  | 3      |           | 8.5        |
| TKSCM310012631A | M10×1.50 |      | 24  | -  | 75 | 7    | 8  | 5.5  | 3      | OH4       | 8.5        |
| TKSCM312012531A | M12×1.25 |      | 29  | -  | 95 | 8.5  | 9  | 6.5  | 3      |           | 10.25      |
| TKSCM312017531A | M12×1.75 |      | 29  | -  | 95 | 8.5  | 9  | 6.5  | 3      |           | 10.25      |

Unit:mm

### DIN 371

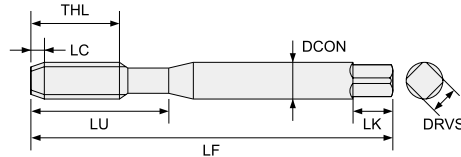
| Order No.       | Thread   | LC               | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|------------------|-----|----|----|------|----|------|--------|-----------|------------|
| TKSCM305008033A | M5×0.80  |                  | 16  | 24 | 70 | 6    | 8  | 4.9  | 3      |           | 4.2        |
| TKSCM306010033A | M6×1.00  | Form C<br>(2~3P) | 19  | 29 | 70 | 6    | 8  | 4.9  | 3      | 6HX       | 5.0        |
| TKSCM308012533A | M8×1.25  |                  | 22  | 32 | 75 | 8    | 9  | 6.2  | 3      |           | 6.75       |
| TKSCM310015033A | M10×1.50 |                  | 24  | 40 | 75 | 10   | 11 | 8    | 3      |           | 8.5        |

## TKT - Straight Fluted Taps



### Specification

- Thread type : ISO M
- For cast iron, brass casting and aluminum casting.
- Recommend for through hole.
- New ANAX Smooth Coating
- Vc = 5~15 m/min



JIS

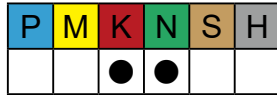
Unit:mm

| Order No.       | Thread   | LC | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|----|-----|----|----|------|----|------|--------|-----------|------------|
| TKTNM403005031A | M3×0.50  |    | 11  | 19 | 65 | 4    | 6  | 3.2  | 4      |           | 2.5        |
| TKTNM404007031A | M4×0.70  |    | 13  | 21 | 65 | 5    | 7  | 4    | 4      |           | 3.3        |
| TKTNM405008031A | M5×0.80  |    | 16  | 24 | 70 | 5.5  | 7  | 4.5  | 4      |           | 4.2        |
| TKTNM506010031A | M6×1.00  |    | 19  | 29 | 70 | 6    | 7  | 4.5  | 5      |           | 5.0        |
| TKTNM508010031A | M8×1.00  |    | 22  | -  | 75 | 6.2  | 8  | 5    | 5      | OH3       | 7.0        |
| TKTNM508012531A | M8×1.25  | 3P | 22  | -  | 75 | 6.2  | 8  | 5    | 5      |           | 6.75       |
| TKTNM510010031A | M10×1.00 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 9.0        |
| TKTNM510015031A | M10×1.50 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 8.5        |
| TKTNM512015031A | M12×1.50 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.5       |
| TKTNM512017531A | M12×1.75 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.25      |
| TKTNM616020031A | M16×2.00 |    | 32  | -  | 95 | 12.5 | 13 | 10   | 6      | OH4       | 14         |

DIN 371

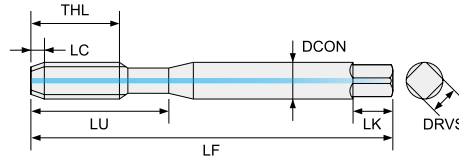
| Order No.       | Thread   | LC                 | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|--------------------|-----|----|----|------|----|------|--------|-----------|------------|
| TKTNM303005053A | M3×0.50  |                    | 11  | 19 | 65 | 3.5  | 6  | 2.7  | 3      |           | 2.5        |
| TKTNM404007053A | M4×0.70  |                    | 13  | 21 | 65 | 4.5  | 6  | 3.4  | 4      |           | 3.3        |
| TKTNM405008053A | M5×0.80  |                    | 16  | 24 | 70 | 6    | 8  | 4.9  | 4      |           | 4.2        |
| TKTNM406010053A | M6×1.00  |                    | 19  | 29 | 70 | 6    | 8  | 4.9  | 4      |           | 5.0        |
| TKTNM508010053A | M8×1.00  |                    | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      |           | 7.0        |
| TKTNM508012553A | M8×1.25  | Form D<br>(3.5~5P) | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      | 6H        | 6.75       |
| TKTNM510010053A | M10×1.00 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 9.0        |
| TKTNM510015053A | M10×1.50 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 8.5        |
| TKTNM512015053A | M12×1.50 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.5       |
| TKTNM512017553A | M12×1.75 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.25      |
| TKTNM516020053A | M16×2.00 |                    | 32  | 48 | 95 | 16   | 15 | 12   | 5      |           | 14         |

## TKT - Straight Fluted Taps with Internal Coolant



### Specification

- Thread type : ISO M
- For cast iron, brass casting and aluminum casting.
- Recommend for blind hole.
- New ANAX Smooth Coating
- Vc = 10~50 m/min



JIS

Unit:mm

| Order No.       | Thread   | LC | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|----|-----|----|----|------|----|------|--------|-----------|------------|
| TKTCM403005031A | M3×0.50  |    | 11  | 19 | 65 | 4    | 6  | 3.2  | 4      |           | 2.5        |
| TKTCM404007031A | M4×0.70  |    | 13  | 21 | 65 | 5    | 7  | 4    | 4      |           | 3.3        |
| TKTCM405008031A | M5×0.80  |    | 16  | 24 | 70 | 5.5  | 7  | 4.5  | 4      |           | 4.2        |
| TKTCM506010031A | M6×1.00  |    | 19  | 29 | 70 | 6    | 7  | 4.5  | 5      |           | 5.0        |
| TKTCM508010031A | M8×1.00  |    | 22  | -  | 75 | 6.2  | 8  | 5    | 5      | OH3       | 7.0        |
| TKTCM508012531A | M8×1.25  | 3P | 22  | -  | 75 | 6.2  | 8  | 5    | 5      |           | 6.75       |
| TKTCM510010031A | M10×1.00 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 9.0        |
| TKTCM510015031A | M10×1.50 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 8.5        |
| TKTCM512015031A | M12×1.50 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.5       |
| TKTCM512017531A | M12×1.75 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.25      |
| TKTCM616020031A | M16×2.00 |    | 32  | -  | 95 | 12.5 | 13 | 10   | 6      | OH4       | 14         |

DIN 371

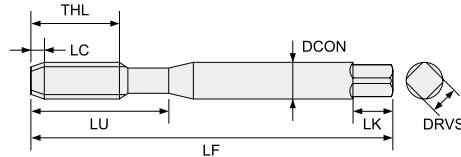
| Order No.       | Thread   | LC                 | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|--------------------|-----|----|----|------|----|------|--------|-----------|------------|
| TKTCM303005053A | M3×0.50  |                    | 11  | 19 | 65 | 3.5  | 6  | 2.7  | 3      |           | 2.5        |
| TKTCM404007053A | M4×0.70  |                    | 13  | 21 | 65 | 4.5  | 6  | 3.4  | 4      |           | 3.3        |
| TKTCM405008053A | M5×0.80  |                    | 16  | 24 | 70 | 6    | 8  | 4.9  | 4      |           | 4.2        |
| TKTCM406010053A | M6×1.00  |                    | 19  | 29 | 70 | 6    | 8  | 4.9  | 4      |           | 5.0        |
| TKTCM508010053A | M8×1.00  |                    | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      |           | 7.0        |
| TKTCM508012553A | M8×1.25  | Form D<br>(3.5~5P) | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      | 6H        | 6.75       |
| TKTCM510010053A | M10×1.00 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 9.0        |
| TKTCM510015053A | M10×1.50 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 8.5        |
| TKTCM512015053A | M12×1.50 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.5       |
| TKTCM512017553A | M12×1.75 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.25      |
| TKTCM516020053A | M16×2.00 |                    | 32  | 48 | 95 | 16   | 15 | 12   | 5      |           | 14         |

## THT - Straight Fluted Taps



### Specification

- Thread type : ISO M
- For hardened steel (HRC 40 ~ 55)
- Recommend for through hole.
- New ANAX Smooth Coating
- Vc = 2~4 m/min



JIS

Unit:mm

| Order No.       | Thread   | LC | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|----|-----|----|----|------|----|------|--------|-----------|------------|
| THTNM403005031A | M3×0.50  |    | 11  | 19 | 65 | 4    | 6  | 3.2  | 4      |           | 2.5        |
| THTNM404007031A | M4×0.70  |    | 13  | 21 | 65 | 5    | 7  | 4    | 4      |           | 3.3        |
| THTNM405008031A | M5×0.80  |    | 16  | 24 | 70 | 5.5  | 7  | 4.5  | 4      |           | 4.2        |
| THTNM506010031A | M6×1.00  |    | 19  | 29 | 70 | 6    | 7  | 4.5  | 5      |           | 5.0        |
| THTNM508010031A | M8×1.00  |    | 22  | -  | 75 | 6.2  | 8  | 5    | 5      | OH3       | 7.0        |
| THTNM508012531A | M8×1.25  | 3P | 22  | -  | 75 | 6.2  | 8  | 5    | 5      |           | 6.75       |
| THTNM510010031A | M10×1.00 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 9.0        |
| THTNM510015031A | M10×1.50 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 8.5        |
| THTNM512015031A | M12×1.50 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.5       |
| THTNM512017531A | M12×1.75 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.25      |
| THTNM616020031A | M16×2.00 |    | 32  | -  | 95 | 12.5 | 13 | 10   | 6      | OH4       | 14         |

DIN 371

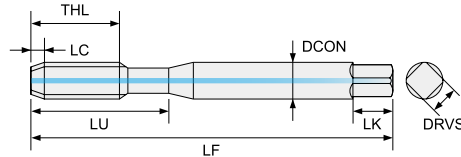
| Order No.       | Thread   | LC                 | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|--------------------|-----|----|----|------|----|------|--------|-----------|------------|
| THTNM303005053A | M3×0.50  |                    | 11  | 19 | 65 | 3.5  | 6  | 2.7  | 3      |           | 2.5        |
| THTNM404007053A | M4×0.70  |                    | 13  | 21 | 65 | 4.5  | 6  | 3.4  | 4      |           | 3.3        |
| THTNM405008053A | M5×0.80  |                    | 16  | 24 | 70 | 6    | 8  | 4.9  | 4      |           | 4.2        |
| THTNM406010053A | M6×1.00  |                    | 19  | 29 | 70 | 6    | 8  | 4.9  | 4      |           | 5.0        |
| THTNM508010053A | M8×1.00  |                    | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      |           | 7.0        |
| THTNM508012553A | M8×1.25  | Form D<br>(3.5~5P) | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      | 6H        | 6.75       |
| THTNM510010053A | M10×1.00 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 9.0        |
| THTNM510015053A | M10×1.50 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 8.5        |
| THTNM512015053A | M12×1.50 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.5       |
| THTNM512017553A | M12×1.75 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.25      |
| THTNM516020053A | M16×2.00 |                    | 32  | 48 | 95 | 16   | 15 | 12   | 5      |           | 14         |

## THT - Straight Fluted Taps with Internal Coolant



### Specification

- Thread type : ISO M
- For hardened steel (HRC 40 ~ 55)
- Recommend for blind hole.
- New ANAX Smooth Coating
- Vc = 2~4 m/min



JIS

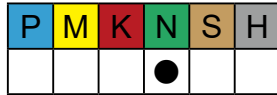
Unit:mm

| Order No.       | Thread   | LC | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|----|-----|----|----|------|----|------|--------|-----------|------------|
| THTCM403005031A | M3×0.50  |    | 11  | 19 | 65 | 4    | 6  | 3.2  | 4      |           | 2.5        |
| THTCM404007031A | M4×0.70  |    | 13  | 21 | 65 | 5    | 7  | 4    | 4      |           | 3.3        |
| THTCM405008031A | M5×0.80  |    | 16  | 24 | 70 | 5.5  | 7  | 4.5  | 4      |           | 4.2        |
| THTCM506010031A | M6×1.00  |    | 19  | 29 | 70 | 6    | 7  | 4.5  | 5      |           | 5.0        |
| THTCM508010031A | M8×1.00  |    | 22  | -  | 75 | 6.2  | 8  | 5    | 5      | OH3       | 7.0        |
| THTCM508012531A | M8×1.25  | 3P | 22  | -  | 75 | 6.2  | 8  | 5    | 5      |           | 6.75       |
| THTCM510010031A | M10×1.00 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 9.0        |
| THTCM510015031A | M10×1.50 |    | 24  | -  | 75 | 7    | 8  | 5.5  | 5      |           | 8.5        |
| THTCM512015031A | M12×1.50 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.5       |
| THTCM512017531A | M12×1.75 |    | 29  | -  | 95 | 8.5  | 9  | 6.5  | 5      |           | 10.25      |
| THTCM616020031A | M16×2.00 |    | 32  | -  | 95 | 12.5 | 13 | 10   | 6      | OH4       | 14         |

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| Order No.       | Thread   | LC                 | THL | LU | LF | DCON | LK | DRVS | Flutes | TAP Limit | Drill Hole |
|-----------------|----------|--------------------|-----|----|----|------|----|------|--------|-----------|------------|
| THTCM303005053A | M3×0.50  |                    | 11  | 19 | 65 | 3.5  | 6  | 2.7  | 3      |           | 2.5        |
| THTCM404007053A | M4×0.70  |                    | 13  | 21 | 65 | 4.5  | 6  | 3.4  | 4      |           | 3.3        |
| THTCM405008053A | M5×0.80  |                    | 16  | 24 | 70 | 6    | 8  | 4.9  | 4      |           | 4.2        |
| THTCM406010053A | M6×1.00  |                    | 19  | 29 | 70 | 6    | 8  | 4.9  | 4      |           | 5.0        |
| THTCM508010053A | M8×1.00  |                    | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      |           | 7.0        |
| THTCM508012553A | M8×1.25  | Form D<br>(3.5~5P) | 22  | 32 | 75 | 8    | 9  | 6.2  | 5      | 6H        | 6.75       |
| THTCM510010053A | M10×1.00 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 9.0        |
| THTCM510015053A | M10×1.50 |                    | 24  | 40 | 75 | 10   | 11 | 8    | 5      |           | 8.5        |
| THTCM512015053A | M12×1.50 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.5       |
| THTCM512017553A | M12×1.75 |                    | 29  | 48 | 85 | 12   | 12 | 9    | 5      |           | 10.25      |
| THTCM516020053A | M16×2.00 |                    | 32  | 48 | 95 | 16   | 15 | 12   | 5      |           | 14         |

## TNF - Forming Taps



### Specification

- Thread type : ISO M
- Flute : 4
- For aluminum alloy and copper.
- Chamfer Length(LC) 4P for through holes, 2P for blind holes
- Vc = 15~30 m/min
- Suitable for through or blind hole.



Fig. 1

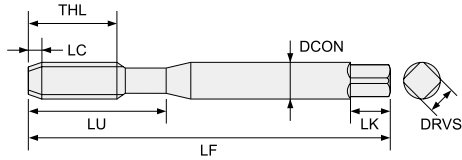
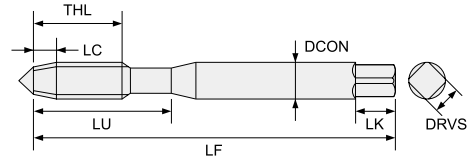


Fig. 2



Unit:mm

| Order No.     | Thread    | LC | THL | LU | LF | DCON | LK | DRVS | Cutting Edges | Fig | TAP Limit | Drill Hole |
|---------------|-----------|----|-----|----|----|------|----|------|---------------|-----|-----------|------------|
| TNFM401002541 | M1×0.25   | 4P | 6   | -  | 50 | 3    | 5  | 2.5  | 4             | 2   | RH4       | 0.92       |
| TNFM401202541 | M1.2×0.25 | 4P | 6   | -  | 50 | 3    | 5  | 2.5  | 4             | 2   | RH4       | 1.12       |
| TNFM401403041 | M1.4×0.30 | 4P | 6   | -  | 50 | 3    | 5  | 2.5  | 4             | 2   | RH4       | 1.29       |
| TNFM402004021 | M2×0.40   | 2P | 8   | -  | 50 | 3    | 5  | 2.5  | 4             | 1   | RH4       | 1.85       |
| TNFM402004041 | M2×0.40   | 4P | 8   | -  | 50 | 3    | 5  | 2.5  | 4             | 2   | RH4       | 1.85       |
| TNFM403005021 | M3×0.50   | 2P | 11  | 19 | 50 | 4    | 6  | 3.2  | 4             | 1   | RH5       | 2.8        |
| TNFM403005041 | M3×0.50   | 4P | 11  | 19 | 50 | 4    | 6  | 3.2  | 4             | 2   | RH5       | 2.8        |
| TNFM404007021 | M4×0.70   | 2P | 13  | 21 | 50 | 5    | 7  | 4    | 4             | 1   | RH6       | 3.7        |
| TNFM404007041 | M4×0.70   | 4P | 13  | 21 | 50 | 5    | 7  | 4    | 4             | 2   | RH6       | 3.7        |
| TNFM405008021 | M5×0.80   | 2P | 16  | 24 | 60 | 6    | 7  | 4.5  | 4             | 1   | RH7       | 4.65       |
| TNFM405008041 | M5×0.80   | 4P | 16  | 24 | 60 | 6    | 7  | 4.5  | 4             | 2   | RH7       | 4.65       |
| TNFM406010021 | M6×1.00   | 2P | 19  | 29 | 60 | 6    | 7  | 4.5  | 4             | 1   | RH7       | 5.55       |
| TNFM406010041 | M6×1.00   | 4P | 19  | 29 | 60 | 6    | 7  | 4.5  | 4             | 2   | RH7       | 5.55       |

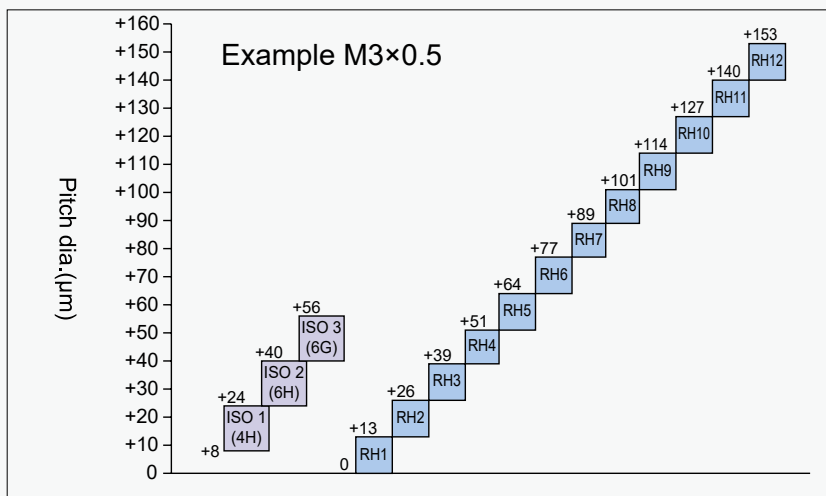
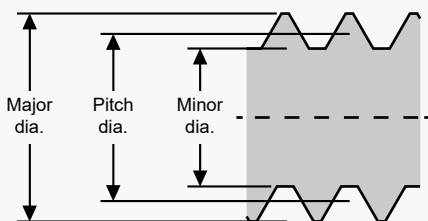


Tap Limit

RH Limit

Upper limit :  $0.0127 \times n$   
 Lower limit :  $0.0127 \times n - 0.0127$

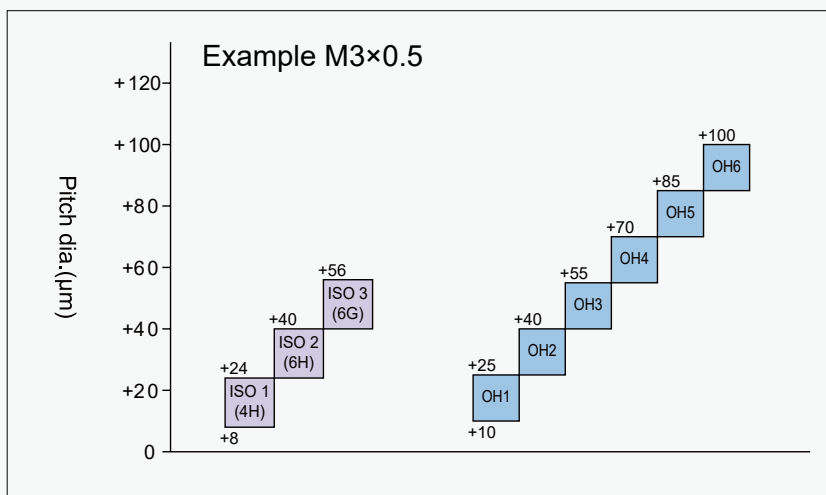
(n=RH number, Unit:mm)



OH Limit

Pitch  $\leq 0.6$   
 Upper limit :  $0.010 + 0.015 \times n$   
 Lower limit : (upper limit) - 0.015

(n=OH number, Unit:mm)



Pitch  $\geq 0.7$   
 Upper limit :  $0.020 \times n$   
 Lower limit : (upper limit) - 0.020

(n=OH number, Unit:mm)

