

# 外徑車刀

External Turning Tools

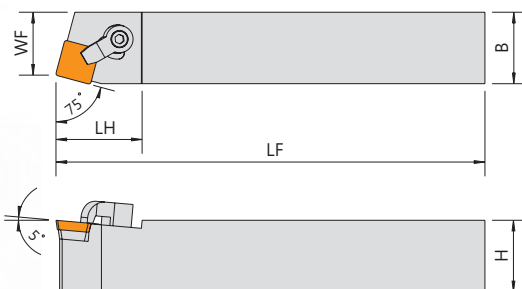
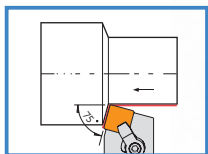


Since 1976



## CSBP

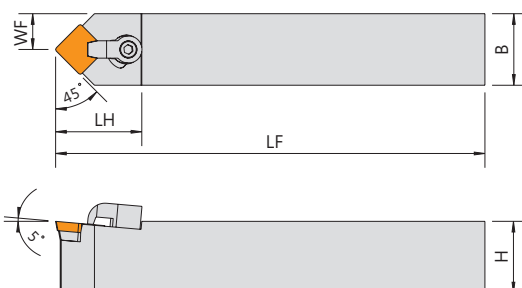
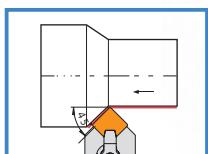
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CSBPR/L-2020K12 | SPMN1203 | 20             | 20      | 125      | 30       | 17         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |
| CSBPR/L-2525M12 |          | 25             | 25      | 150      | 30       | 22         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |

## CSDPN

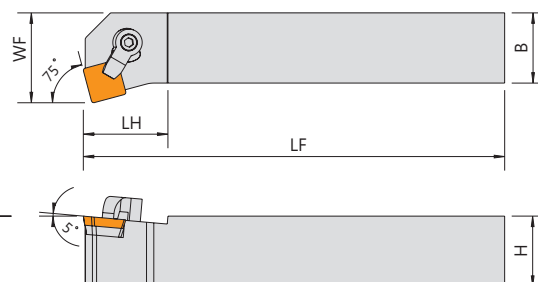
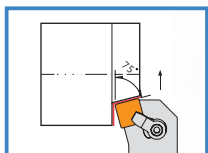
45°



| Order No.     | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|---------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CSDPN-2020K12 | SPMN1203 | 20             | 20      | 125      | 30       | 10         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |
| CSDPN-2525M12 |          | 25             | 25      | 150      | 30       | 12.5       | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |

## CSKP

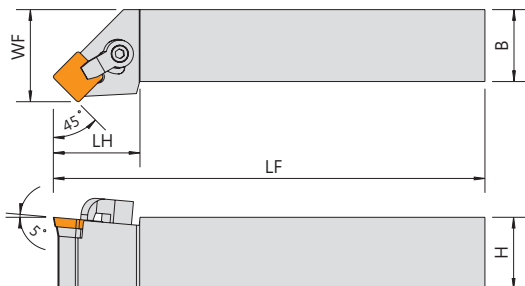
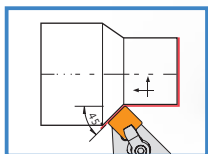
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CSKPR/L-2020K09 | SPMN0903 | 20             | 20      | 125      | 26       | 25         | -       | -       | CP50-21 | CS7-5015 | LW025  |
| CSKPR/L-2020K12 | SPMN1203 | 20             | 20      | 125      | 26       | 25         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |
| CSKPR/L-2525M12 |          | 25             | 25      | 150      | 26       | 32         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |

## CSSP

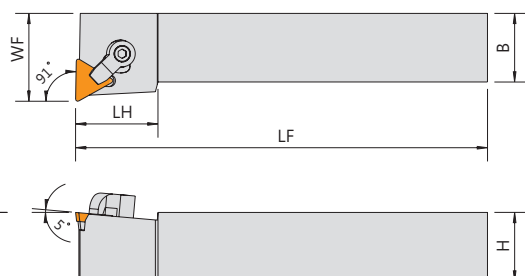
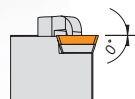
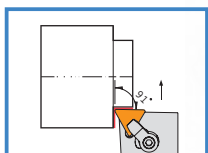
45°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CSSPR/L-2020K12 | SPMN1203 | 20             | 20      | 125      | 30       | 25         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |
| CSSPR/L-2525M12 |          | 25             | 25      | 150      | 30       | 32         | SMS-421 | CSF3010 | CP50-22 | CS7-6024 | LW030  |

## CTFP

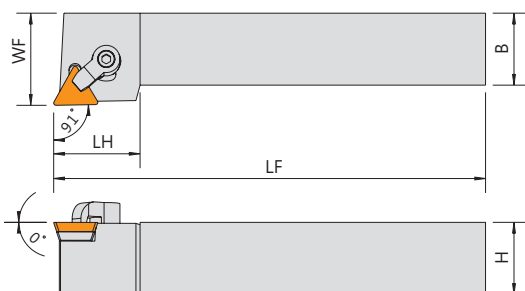
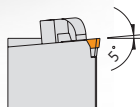
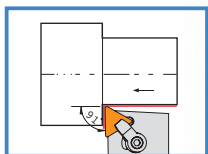
91°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CTFPR/L-1616H11 | TPMN1103 | 16             | 16      | 100      | 20       | 20         | -       | -       | CP50-21 | CS7-5015 | LW025  |
| CTFPR/L-2020K16 | TPMN1603 | 20             | 20      | 125      | 30       | 25         | SMT-321 | CS20045 | CP50-22 | CS7-6024 | LW030  |
| CTFPR/L-2525M16 |          | 25             | 25      | 150      | 30       | 32         | SMT-321 | CS20045 | CP50-22 | CS7-6024 | LW030  |

## CTGP

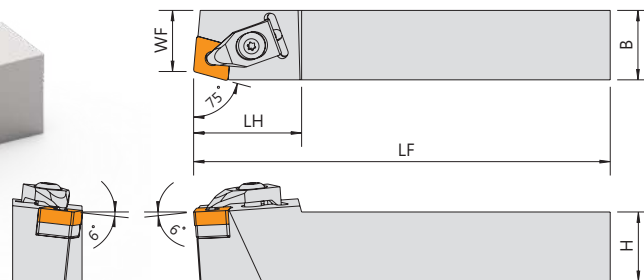
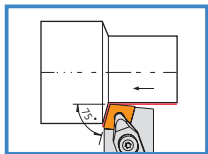
91°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |
| CTGPR/L-1212F11 | TPMN1103 | 12             | 12      | 80       | 20       | 16         | -       | -       | CP50-21 | CS7-5015 | LW025  |
| CTGPR/L-1616H11 |          | 16             | 16      | 100      | 20       | 20         | -       | -       | CP50-21 | CS7-5015 | LW025  |
| CTGPR/L-2020K16 | TPMN1603 | 20             | 20      | 125      | 30       | 25         | SMT-321 | CS20045 | CP50-22 | CS7-6024 | LW030  |
| CTGPR/L-2525M16 |          | 25             | 25      | 150      | 30       | 32         | SMT-321 | CS20045 | CP50-22 | CS7-6024 | LW030  |

## DCBN

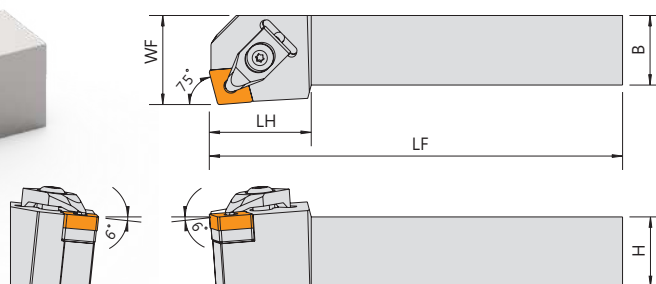
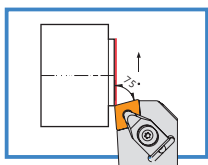
75°



| Order No.       | Insert                                                                            | Dimensions(mm) |         |          |          |            | Parts                                                                             |                                                                                    |                                                                                     |                                                                                     |                                                                                     | Wrench                                                                              |
|-----------------|-----------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |  |
| DCBNR/L-2020K12 | CNMG1204                                                                          | 20             | 20      | 125      | 37       | 17         | SMC-432                                                                           | CSF4010                                                                            | CP-D4                                                                               | SP0816                                                                              | CSB0620T                                                                            | TL-20                                                                               |
| DCBNR/L-2525M12 |                                                                                   | 25             | 25      | 150      | 37       | 22         | SMC-432                                                                           | CSF4010                                                                            | CP-D4                                                                               | SP0816                                                                              | CSB0620T                                                                            | TL-20                                                                               |
| DCBNR/L-3232P12 |                                                                                   | 32             | 32      | 170      | 37       | 22         | SMC-432                                                                           | CSF4010                                                                            | CP-D4                                                                               | SP0816                                                                              | CSB0620T                                                                            | TL-20                                                                               |

## DCKN

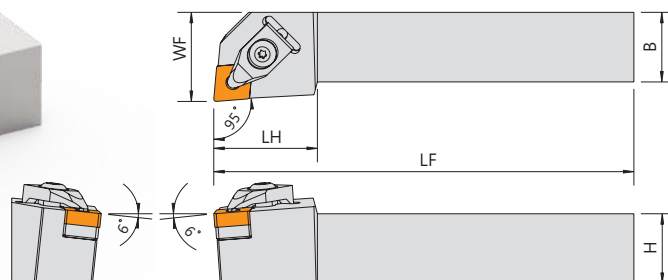
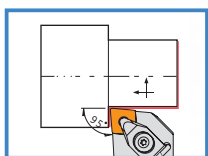
75°



| Order No.       | Insert                                                                              | Dimensions(mm) |         |          |          |            | Parts                                                                               |                                                                                      |                                                                                       |                                                                                       |                                                                                       | Wrench                                                                                |
|-----------------|-------------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |  |
| DCKNR/L-2020K12 | CNMG1204                                                                            | 20             | 20      | 125      | 37       | 25         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |
| DCKNR/L-2525M12 |                                                                                     | 25             | 25      | 150      | 37       | 32         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |
| DCKNR/L-3232P12 |                                                                                     | 32             | 32      | 170      | 37       | 32         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |

## DCLN

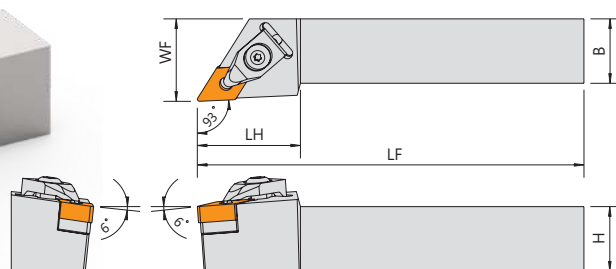
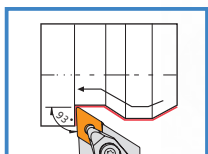
95°



| Order No.       | Insert                                                                              | Dimensions(mm) |         |          |          |            | Parts                                                                               |                                                                                      |                                                                                       |                                                                                       |                                                                                       | Wrench                                                                                |
|-----------------|-------------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |  |
| DCLNR/L-1616H09 | CNMG0903                                                                            | 16             | 16      | 100      | 33       | 20         | SMC-322                                                                             | CSF3008                                                                              | CP-D2                                                                                 | SP0612                                                                                | CSB0415T                                                                              | TL-15                                                                                 |
| DCLNR/L-2020K09 |                                                                                     | 20             | 20      | 125      | 30       | 25         | SMC-322                                                                             | CSF3008                                                                              | CP-D2                                                                                 | SP0612                                                                                | CSB0415T                                                                              | TL-15                                                                                 |
| DCLNR/L-2525M09 |                                                                                     | 25             | 25      | 150      | 30       | 32         | SMC-322                                                                             | CSF3008                                                                              | CP-D2                                                                                 | SP0612                                                                                | CSB0415T                                                                              | TL-15                                                                                 |
| DCLNR/L-2020K12 | CNMG1204                                                                            | 20             | 20      | 125      | 40       | 25         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |
| DCLNR/L-2525M12 |                                                                                     | 25             | 25      | 150      | 36       | 32         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |
| DCLNR/L-3232P12 |                                                                                     | 32             | 32      | 170      | 36       | 32         | SMC-432                                                                             | CSF4010                                                                              | CP-D4                                                                                 | SP0816                                                                                | CSB0620T                                                                              | TL-20                                                                                 |

## DDJN

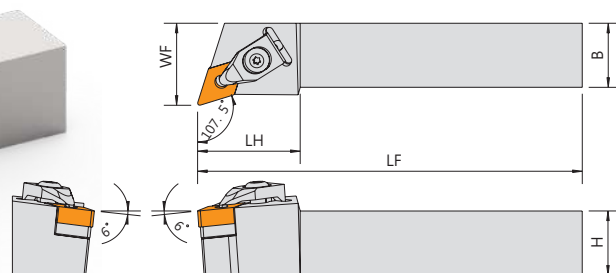
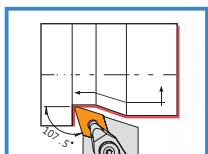
93°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |       |        |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |       |        |          |        |
| DDJNR/L-1616H11 | DNMG1104 | 16             | 16 | 100 | 36 | 20   | SMD-343 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DDJNR/L-2020K11 |          | 20             | 20 | 125 | 36 | 25   | SMD-343 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DDJNR/L-2525M11 |          | 25             | 25 | 150 | 36 | 32   | SMD-343 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DDJNR/L-2020K15 | DNMG1504 | 20             | 20 | 125 | 43 | 25   | SMD-4X3 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DDJNR/L-2525M15 | -SMD463  | 25             | 25 | 150 | 43 | 32   | SMD-4X3 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DDJNR/L-3232P15 | DNMG1506 | 32             | 32 | 170 | 43 | 40   | SMD-4X3 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |
|                 | -SMD443  |                |    |     |    |      |         |          |       |        |          |        |

## DDHN

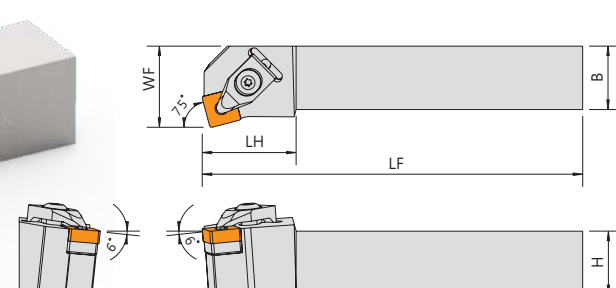
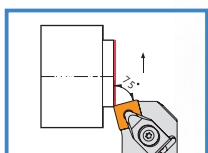
107.5°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |       |        |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|-------|--------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |       |        |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |       |        |          |        |
| DDHNR/L-2020K15 | DNMG1504 | 20             | 20 | 125 | 35 | 25   | SMD-4X3 | CSF4010 | CP-D4 | SP0816 | CSB0620T | TL-20  |
|                 | -SMD463  |                |    |     |    |      |         |         |       |        |          |        |
| DDHNR/L-2525M15 | DNMG1506 | 25             | 25 | 150 | 35 | 32   | SMD-4X3 | CSF4010 | CP-D4 | SP0816 | CSB0620T | TL-20  |
|                 | -SMD443  |                |    |     |    |      |         |         |       |        |          |        |

## DSKN

75°

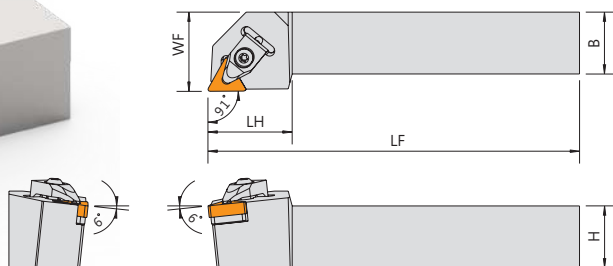
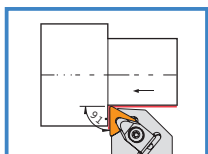


| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |       |        |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|-------|--------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |       |        |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |       |        |          |        |
| DSKNR/L-2020K12 | SNMG1204 | 20             | 20 | 125 | 40 | 25   | SMS-432 | CSF4010 | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DSKNR/L-2525M12 |          | 25             | 25 | 150 | 36 | 32   | SMS-432 | CSF4010 | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DSKNR/L-3232P12 |          | 32             | 32 | 170 | 36 | 40   | SMS-432 | CSF4010 | CP-D4 | SP0816 | CSB0620T | TL-20  |



## DTGN

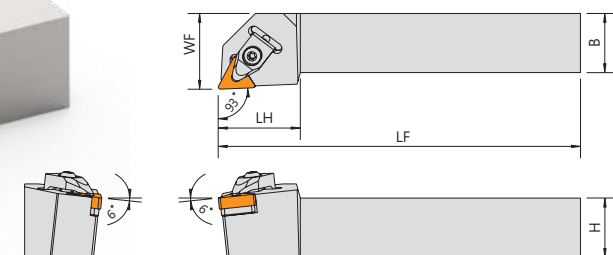
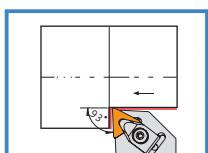
91°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |       |        |          |        |
| DTGNR/L-1616H16 | TNMG1604 | 16             | 16      | 100      | 33       | 20         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DTGNR/L-2020K16 |          | 20             | 20      | 125      | 33       | 25         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DTGNR/L-2525M16 |          | 25             | 25      | 150      | 33       | 32         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |

## DTJN

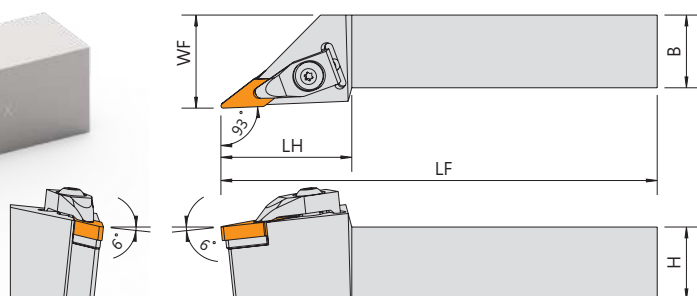
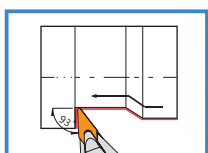
93°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |       |        |          |        |
| DTJNR/L-1616H16 | TNMG1604 | 16             | 16      | 100      | 33       | 20         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DTJNR/L-2020K16 |          | 20             | 20      | 125      | 33       | 25         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DTJNR/L-2525M16 |          | 25             | 25      | 150      | 33       | 32         | SMT-323 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |

## DVJN

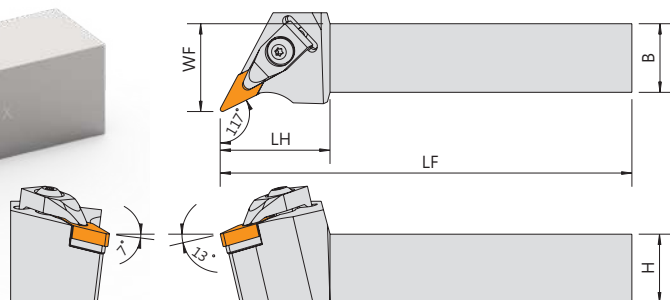
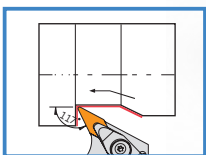
93°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |       |        |          |        |
| DVJNR/L-2020K16 | VNMG1604 | 20             | 20      | 125      | 50       | 25         | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |
| DVJNR/L-2525M16 |          | 25             | 25      | 150      | 46       | 32         | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |

## DVPN

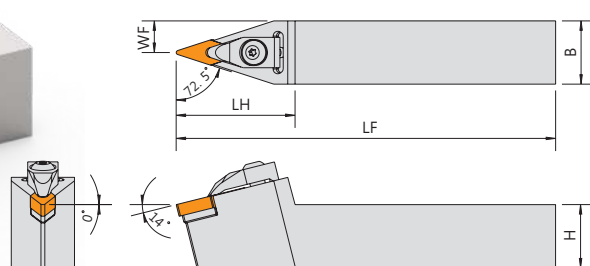
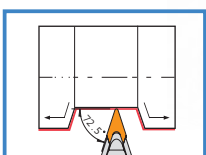
117°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |       |        |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |       |        |          |        |
| DVPCR/L-2020K16 | VNMG1604 | 20             | 20 | 125 | 43 | 25   | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |
| DVPCR/L-2525M16 |          | 25             | 25 | 150 | 43 | 32   | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |

## DVVNN

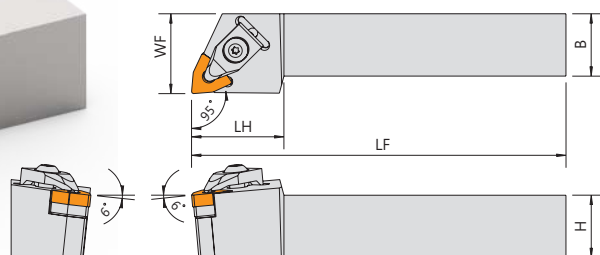
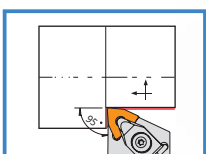
72.5°



| Order No.     | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |       |        |          | Wrench |
|---------------|----------|----------------|----|-----|----|------|---------|----------|-------|--------|----------|--------|
| Right / Left  |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |       |        |          |        |
|               |          | H              | B  | LF  | LH | WF   |         |          |       |        |          |        |
| DVVNN-2020K16 | VNMG1604 | 20             | 20 | 125 | 47 | 10   | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |
| DVVNN-2525M16 |          | 25             | 25 | 150 | 47 | 12.5 | SMV-322 | CSA40075 | CP-D3 | SP0816 | CSB0620T | TL-20  |

## DWLN

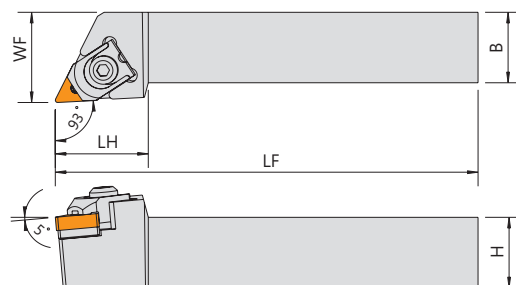
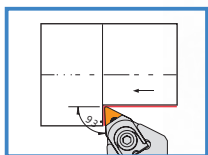
95°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |       |        |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|-------|--------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |       |        |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |       |        |          |        |
| DWLNR/L-1616H06 | WNMG0604 | 16             | 16 | 100 | 33 | 20   | SMW-321 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DWLNR/L-2020K06 |          | 20             | 20 | 125 | 33 | 25   | SMW-321 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DWLNR/L-2525M06 |          | 25             | 25 | 150 | 33 | 32   | SMW-321 | CSA40075 | CP-D2 | SP0612 | CSB0415T | TL-15  |
| DWLNR/L-2020K08 | WNMG0804 | 20             | 20 | 125 | 40 | 25   | SMW-432 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DWLNR/L-2525M08 |          | 25             | 25 | 150 | 40 | 32   | SMW-432 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |
| DWLNR/L-3232P08 |          | 32             | 32 | 170 | 40 | 32   | SMW-432 | CSF4010  | CP-D4 | SP0816 | CSB0620T | TL-20  |

## ETJN

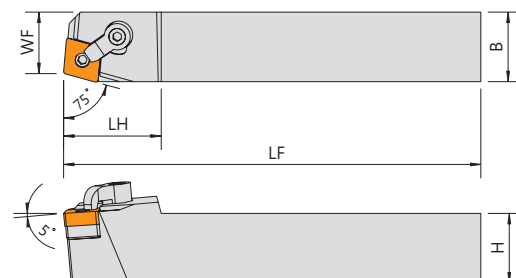
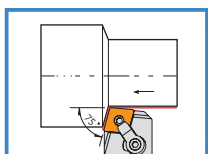
93°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |                   |         |         |      | Wrench |       |
|-----------------|----------|----------------|----|-----|----|------|---------|-------------------|---------|---------|------|--------|-------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |                   |         |         |      |        |       |
|                 |          | H              | B  | LF  | LH | WF   |         |                   |         |         |      |        |       |
| ETJNR/L-2020K16 | TNMG1604 | 20             | 20 | 125 | 32 | 25   | SMT-322 | LCS-420N          | CPE-T16 | CSE8026 | ER31 | LW025  | LW050 |
| ETJNR/L-2525M16 |          | 25             | 25 | 150 | 32 | 32   | SMT-322 |                   | CPE-T16 | CSE8026 | ER31 | LW025  | LW050 |
| ETJNR/L-3232P16 |          | 32             | 32 | 170 | 32 | 40   | SMT-322 |                   | CPE-T16 | CSE8026 | ER31 | LW025  | LW050 |
| ETJNR/L-2020-33 |          | 20             | 20 | 125 | 32 | 25   | SMT-323 | LCS-415<br>LCS-4B | CPE-T16 | CSE8026 | ER31 | LW025  | LW050 |
| ETJNR/L-2525-33 |          | 25             | 25 | 150 | 32 | 32   | SMT-323 | LCS-420<br>LCS-4B | CPE-T16 | CSE8026 | ER31 | LW025  | LW050 |

## MCBN

75°

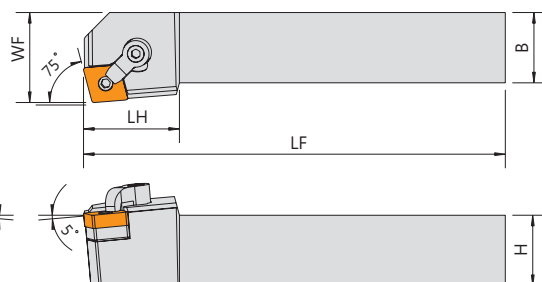
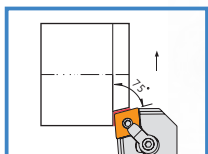


| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MCBNR/L-2020K12 | CNMG1204 | 20             | 20 | 125 | 30 | 17   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCBNR/L-2525M12 |          | 25             | 25 | 150 | 30 | 22   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCBNR/L-3232P12 |          | 32             | 32 | 170 | 40 | 27   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCBNR/L-2525M16 | CNMG1606 | 25             | 25 | 150 | 30 | 22   | SMC-533 | LCS-822  | CP50-22 | CS7-6030 | LW030  |
| MCBNR/L-3232P16 |          | 32             | 32 | 170 | 40 | 27   | SMC-533 | LCS-822  | CP50-22 | CS7-6030 | LW030  |
| MCBNR/L-3232P19 | CNMG1906 | 32             | 32 | 170 | 40 | 27   | SMC-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |



## MCKN

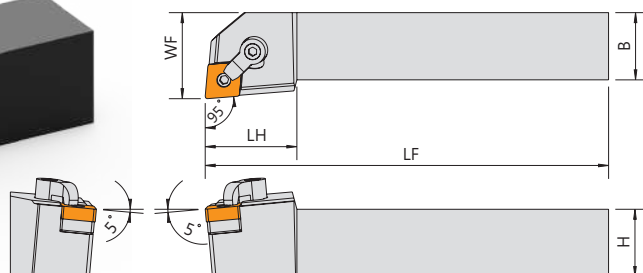
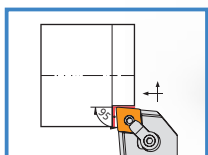
75°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |         |          |        |
| MCKNR/L-2020K12 | CNMG1204 | 20             | 20 | 125 | 37 | 25   | SMC-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MCKNR/L-2525M12 |          | 25             | 25 | 150 | 34 | 32   | SMC-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MCKNR/L-3225P12 |          | 32             | 25 | 170 | 34 | 32   | SMC-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MCKNR/L-3232P12 |          | 32             | 32 | 170 | 40 | 40   | SMC-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |

## MCLN

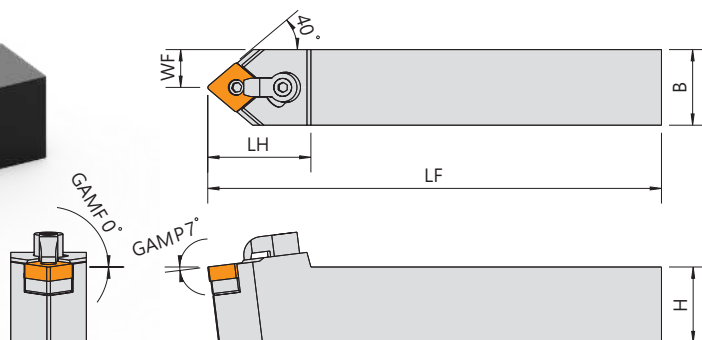
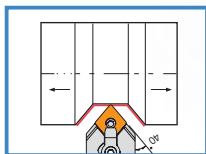
95°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |           |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|-----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |           |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |           |         |          |        |
| MCLNR/L-1616H12 | CNMG1204 | 16             | 16 | 100 | 33 | 20   | SMC-432 | LCS-617   | CP50-22 | CS7-6024 | LW030  |
| MCLNR/L-2020K12 |          | 20             | 20 | 125 | 33 | 25   | SMC-432 | LCS-617   | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-2525M12 |          | 25             | 25 | 150 | 33 | 32   | SMC-432 | LCS-617   | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-3225P12 |          | 32             | 25 | 170 | 33 | 32   | SMC-432 | LCS-617   | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-3232P12 |          | 32             | 32 | 170 | 33 | 40   | SMC-432 | LCS-617   | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-2525M16 | CNMG1606 | 25             | 25 | 150 | 33 | 32   | SMC-533 | LCS-0822  | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-3225P16 |          | 32             | 25 | 170 | 33 | 32   | SMC-533 | LCS-0822  | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-3232P16 |          | 32             | 32 | 170 | 33 | 40   | SMC-533 | LCS-0822  | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-4040S16 |          | 40             | 40 | 250 | 38 | 50   | SMC-533 | LCS-0822  | CP50-22 | CS7-6030 | LW030  |
| MCLNR/L-2525M19 | CNMG1906 | 25             | 25 | 150 | 40 | 32   | SMC-633 | LC S-1022 | CP50-29 | CS7-8030 | LW040  |
| MCLNR/L-3225P19 |          | 32             | 25 | 170 | 40 | 32   | SMC-633 | LCS-1022  | CP50-29 | CS7-8030 | LW040  |
| MCLNR/L-3232P19 |          | 32             | 32 | 170 | 40 | 40   | SMC-633 | LCS-1022  | CP50-29 | CS7-8030 | LW040  |
| MCLNR/L-4040S19 |          | 40             | 40 | 250 | 38 | 50   | SMC-633 | LCS-1022  | CP50-29 | CS7-8030 | LW040  |

## MCMNN

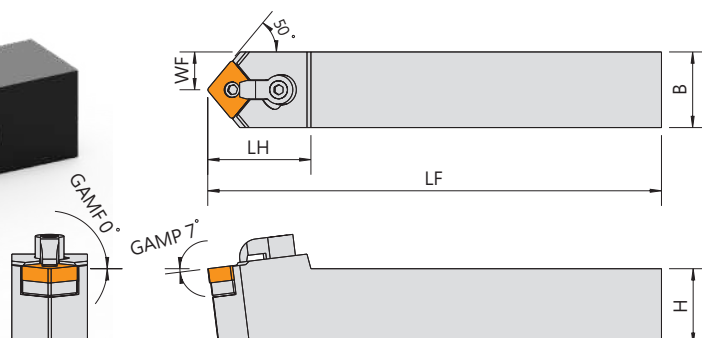
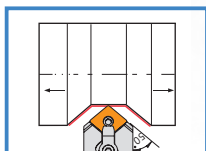
40°



| Order No.      | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left   |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MCMNN-2020K12  | CNMG1204 | 20             | 20 | 125 | 34 | 10   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-2525M12  |          | 25             | 25 | 150 | 34 | 12.5 | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-2525M16  | CNMG1606 | 25             | 25 | 150 | 37 | 12.5 | SMC-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3225P12  | CNMG1204 | 32             | 25 | 170 | 34 | 12.5 | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P12  |          | 32             | 32 | 170 | 34 | 16   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P16  | CNMG1606 | 32             | 32 | 170 | 40 | 16   | SMC-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P-19 | CNMG1906 | 32             | 32 | 170 | 40 | 16   | SMC-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MCMNN-100

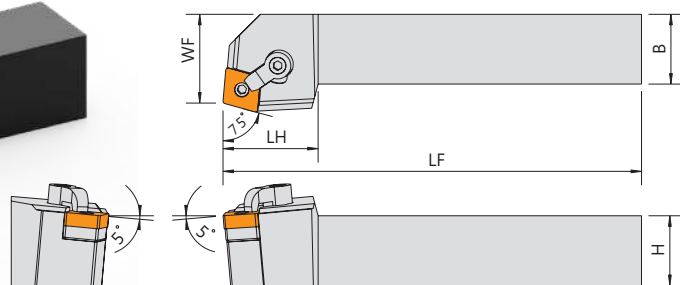
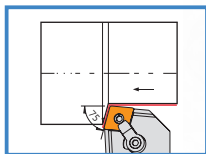
50°



| Order No.         | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-------------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left      |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                   |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MCMNN-2020K12-100 | CNMG1204 | 20             | 20 | 125 | 34 | 10   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-2525M12-100 |          | 25             | 25 | 150 | 34 | 12.5 | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-2525M16-100 | CNMG1606 | 25             | 25 | 150 | 37 | 12.5 | SMC-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3225P12-100 | CNMG1204 | 32             | 25 | 170 | 34 | 12.5 | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P12-100 |          | 32             | 32 | 170 | 34 | 16   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P16-100 | CNMG1606 | 32             | 32 | 170 | 40 | 16   | SMC-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MCMNN-3232P19-100 | CNMG1906 | 32             | 32 | 170 | 40 | 16   | SMC-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MCRN

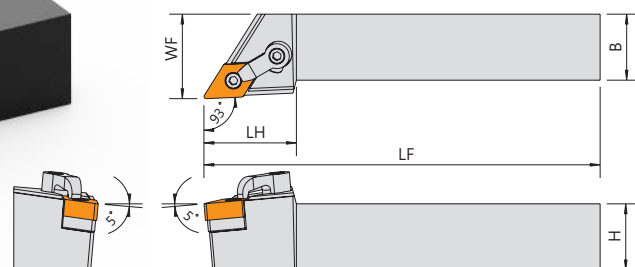
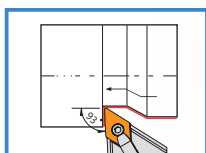
75°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MCRNR/L-2020K12 | CNMG1204 | 20             | 20 | 125 | 37 | 22   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCRNR/L-2525M12 |          | 25             | 25 | 150 | 34 | 27   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCRNR/L-3225P12 |          | 32             | 25 | 170 | 34 | 27   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCRNR/L-3232P12 |          | 32             | 32 | 170 | 40 | 35   | SMC-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MCRNR/L-3232P16 | CNMG1606 | 32             | 32 | 170 | 40 | 35   | SMC-533 | LCS-822  | CP50-22 | CS7-6030 | LW030  |
| MCRNR/L-3232P19 | CNMG1906 | 32             | 32 | 170 | 40 | 35   | SMC-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MDJN

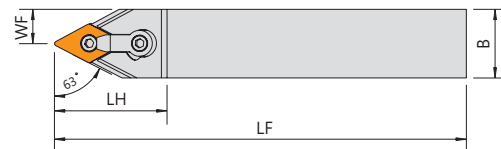
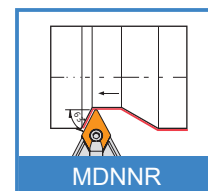
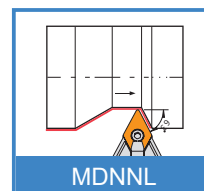
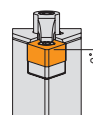
93°



| Order No.       | Insert                             | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |
|-----------------|------------------------------------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|
| Right / Left    |                                    | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |
|                 |                                    | H              | B  | LF  | LH | WF   |         |         |         |          |        |
| MDJNR/L-2020K15 | DNMG1504-SMD463<br>DNMG1506-SMD443 | 20             | 20 | 125 | 36 | 25   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDJNR/L-2525M15 |                                    | 25             | 25 | 150 | 36 | 32   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDJNR/L-3225P15 |                                    | 32             | 25 | 170 | 36 | 32   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDJNR/L-3232P15 |                                    | 32             | 32 | 170 | 36 | 40   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |

## MDNN

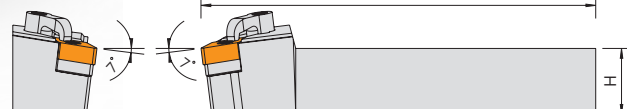
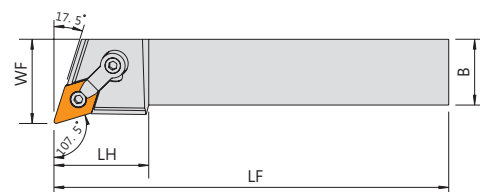
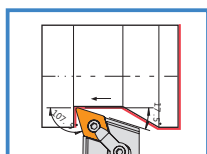
63°



| Order No.       | Insert                             | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |
|-----------------|------------------------------------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|
| Right / Left    |                                    | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |
|                 |                                    | H              | B  | LF  | LH | WF   |         |         |         |          |        |
| MDNNR/L-2020K15 | DNMG1504-SMD463<br>DNMG1506-SMD443 | 20             | 20 | 125 | 41 | 10   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDNNR/L-2525M15 |                                    | 25             | 25 | 150 | 41 | 12.5 | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDNNR/L-3225P15 |                                    | 32             | 25 | 170 | 42 | 12.5 | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDNNR/L-3232P15 |                                    | 32             | 32 | 170 | 43 | 16   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |

## MDQN

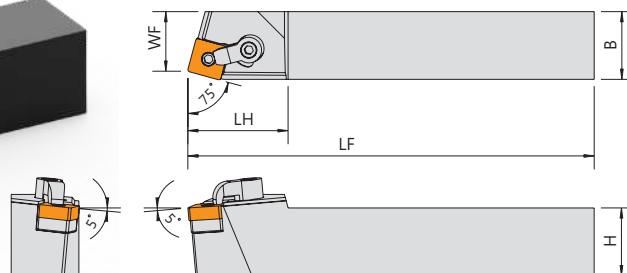
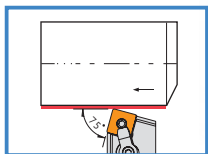
107.5°



| Order No.       | Insert                             | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |
|-----------------|------------------------------------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|
| Right / Left    |                                    | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |
|                 |                                    | H              | B  | LF  | LH | WF   |         |         |         |          |        |
| MDQNR/L-2020K15 | DNMG1504-SMD463<br>DNMG1506-SMD443 | 20             | 20 | 125 | 36 | 25   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDQNR/L-2525M15 |                                    | 25             | 25 | 150 | 36 | 32   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDQNR/L-3225P15 |                                    | 32             | 25 | 170 | 40 | 32   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |
| MDQNR/L-3232P15 |                                    | 32             | 32 | 170 | 40 | 40   | SMD-4X3 | LCS-619 | CP50-24 | CS7-6030 | LW030  |

## MSBN

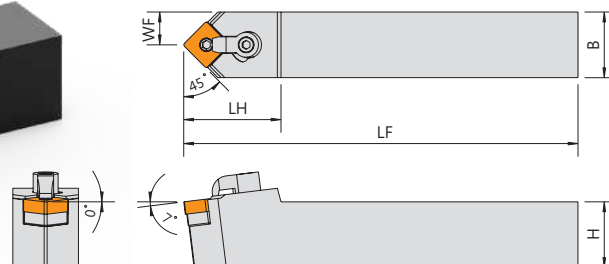
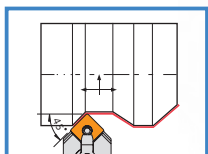
75°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MSBNR/L-2020K12 | SNMG1204 | 20             | 20 | 125 | 37 | 17   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-2525M12 |          | 25             | 25 | 150 | 37 | 22   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-3225P12 |          | 32             | 25 | 170 | 42 | 22   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-3232P12 |          | 32             | 32 | 170 | 42 | 27   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-2020K15 | SNMG1506 | 20             | 20 | 125 | 40 | 17   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-2525M15 |          | 25             | 25 | 150 | 40 | 22   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-3225P15 |          | 32             | 25 | 170 | 42 | 22   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-3232P15 |          | 32             | 32 | 170 | 42 | 27   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSBNR/L-2525M19 | SNMG1906 | 25             | 25 | 150 | 42 | 22   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |
| MSBNR/L-3225P19 |          | 32             | 25 | 170 | 42 | 22   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |
| MSBNR/L-3232P19 |          | 32             | 32 | 170 | 42 | 27   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |
| MSBNR/L-4040S19 |          | 40             | 40 | 250 | 42 | 35   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MSDNN

45°

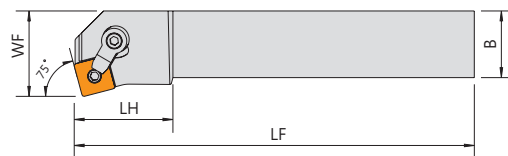
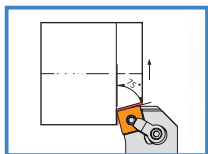


| Order No.     | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |
|---------------|----------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|
| Right / Left  |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |
|               |          | H              | B  | LF  | LH | WF   |         |         |         |          |        |
| MSDNN-2020K12 | SNMG1204 | 20             | 20 | 125 | 35 | 10   | SMS-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MSDNN-2525M12 |          | 25             | 25 | 150 | 37 | 12.5 | SMS-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MSDNN-3225P12 |          | 32             | 25 | 170 | 42 | 12.5 | SMS-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |
| MSDNN-3232P12 |          | 32             | 32 | 170 | 43 | 16   | SMS-432 | LCS-617 | CP50-22 | CS7-6030 | LW030  |



## MSKN

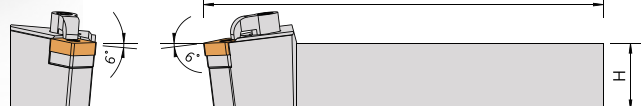
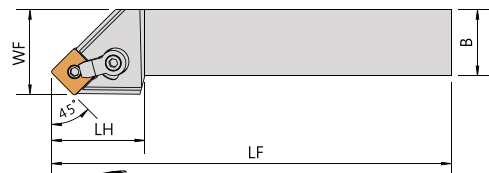
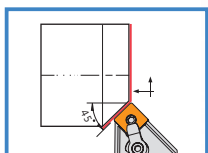
75°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MSKNR/L-2020K12 | SNMG1204 | 20             | 20 | 125 | 37 | 25   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-2525M12 |          | 25             | 25 | 150 | 37 | 32   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-3225P12 |          | 32             | 25 | 170 | 42 | 32   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-3232P12 |          | 32             | 32 | 170 | 42 | 40   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-2525M15 | SNMG1506 | 25             | 25 | 150 | 37 | 32   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-3225P15 |          | 32             | 25 | 170 | 42 | 32   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-3232P15 |          | 32             | 32 | 170 | 42 | 40   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSKNR/L-4040S19 | SNMG1906 | 40             | 40 | 250 | 42 | 50   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MSSN

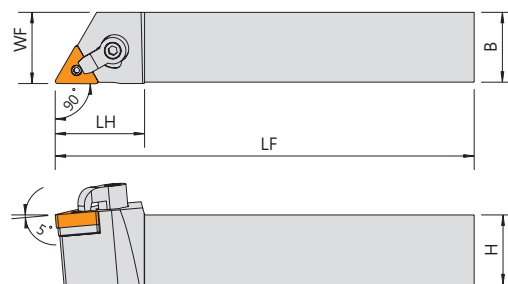
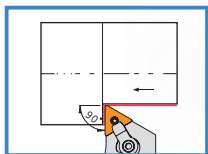
45°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |         |          | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|----------|---------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |         |          |        |
|                 |          | H              | B  | LF  | LH | WF   |         |          |         |          |        |
| MSSNR/L-2020K12 | SNMG1204 | 20             | 20 | 125 | 33 | 25   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-2525M12 |          | 25             | 25 | 150 | 33 | 32   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-3225P12 |          | 32             | 25 | 170 | 36 | 32   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-3232P12 |          | 32             | 32 | 170 | 40 | 40   | SMS-432 | LCS-617  | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-2525M15 | SNMG1506 | 25             | 25 | 150 | 40 | 32   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-3225P15 |          | 32             | 25 | 170 | 40 | 40   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-3232P15 |          | 32             | 32 | 170 | 40 | 40   | SMS-533 | LCS-0822 | CP50-22 | CS7-6030 | LW030  |
| MSSNR/L-3232P19 | SNMG1906 | 32             | 32 | 170 | 42 | 40   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |
| MSSNR/L-4040S19 |          | 40             | 40 | 250 | 42 | 50   | SMS-633 | LCS-1022 | CP50-29 | CS7-8030 | LW040  |

## MTAN

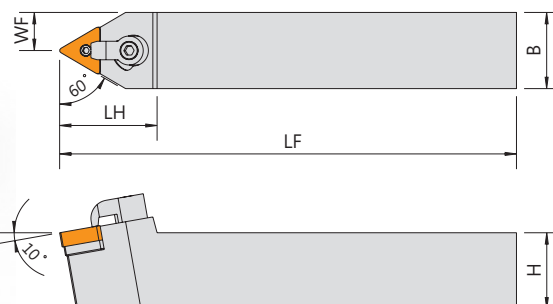
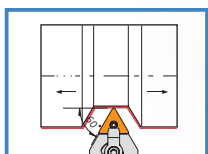
90°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |       |
|                 |          | H              | B  | LF  | LH | WF   |         |         |         |          |        |       |
| MTANR/L-2020K16 | TNMG1604 | 20             | 20 | 125 | 32 | 20.5 | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTANR/L-2525M16 |          | 25             | 25 | 150 | 32 | 25.5 | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |

## MTENN

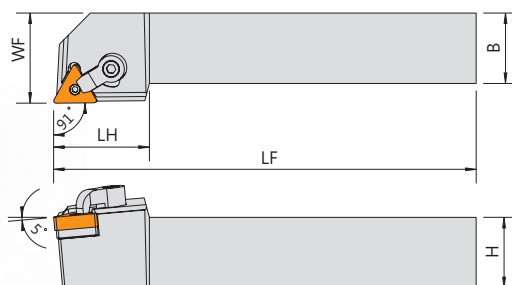
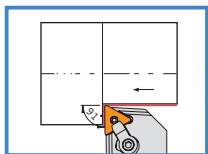
60°



| Order No.     | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |         |          | Wrench |       |
|---------------|----------|----------------|----|-----|----|------|---------|---------|---------|----------|--------|-------|
| Right / Left  |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |         |          |        |       |
|               |          | H              | B  | LF  | LH | WF   |         |         |         |          |        |       |
| MTENN-1616K16 | TNMG1604 | 16             | 16 | 125 | 33 | 8    | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTENN-2020K16 |          | 20             | 20 | 125 | 38 | 10   |         |         |         |          |        |       |
| MTENN-2525M16 |          | 25             | 25 | 150 | 40 | 12.5 |         |         |         |          |        |       |
| MTENN-3225P16 |          | 32             | 25 | 170 | 38 | 12.5 |         |         |         |          |        |       |
| MTENN-3232P16 |          | 32             | 32 | 170 | 43 | 16   |         |         |         |          |        |       |
| MTENN-2525M22 | TNMG2204 | 25             | 25 | 150 | 40 | 12.5 | SMT-433 | LCS-617 | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTENN-3225P22 |          | 32             | 25 | 170 | 43 | 12.5 |         |         |         |          |        |       |
| MTENN-3232P22 |          | 32             | 32 | 170 | 43 | 16   |         |         |         |          |        |       |

## MTGN

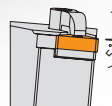
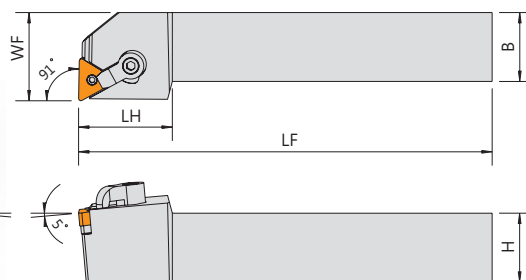
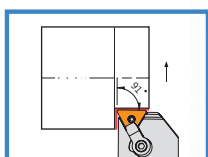
91°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MTGNR/L-1616H16 | TNMG1604 | 16             | 16      | 100      | 30       | 20         | SMT-322 | LCS-513 | CP50-22 | CS7-6024 | LW020  | LW030 |
| MTGNR/L-2020K16 |          | 20             | 20      | 125      | 34       | 25         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTGNR/L-2525M16 |          | 25             | 25      | 150      | 34       | 32         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTGNR/L-3232P16 |          | 32             | 32      | 170      | 34       | 40         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |

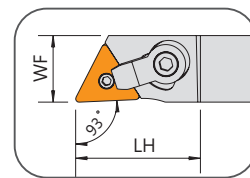
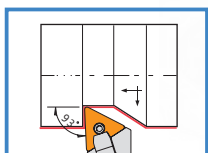
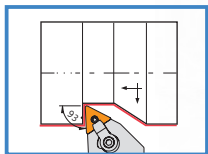
## MTFN

91°

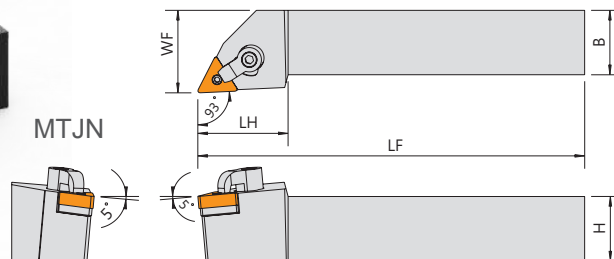


| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MTFNR/L-1616H16 | TNMG1604 | 16             | 16      | 100      | 30       | 20         | SMT-322 | LCS-513 | CP50-22 | CS7-6024 | LW020  | LW030 |
| MTFNR/L-2020K16 |          | 20             | 20      | 125      | 34       | 25         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTFNR/L-2525M16 |          | 25             | 25      | 150      | 34       | 32         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |

## MTJN MTJN-N 93°



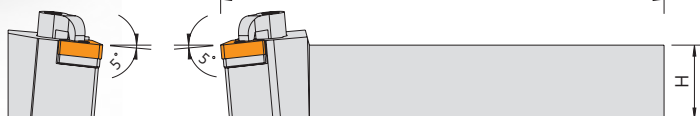
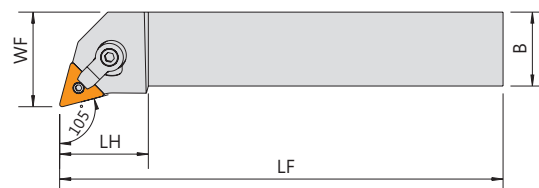
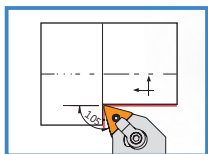
MTJN-N



MTJN

| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |         |          | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|----------|---------|----------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |         |          |        |       |
| MTJNR/L-1616H16  | TNMG1604 | 16             | 16      | 100      | 30       | 20         | SMT-322 | LCS-513  | CP50-22 | CS7-6024 | LW020  | LW030 |
| MTJNR/L-2020K16  |          | 20             | 20      | 125      | 33       | 25         | SMT-322 | LCS-513  | CP50-22 | CS7-6024 | LW020  | LW030 |
| MTJNR/L-2525M16  |          | 25             | 25      | 150      | 35       | 32         | SMT-322 | LCS-513  | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTJNR/L-3225P16  |          | 32             | 25      | 170      | 43       | 32         | SMT-322 | LCS-513  | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTJNR/L-3232P16  |          | 32             | 32      | 170      | 43       | 40         | SMT-322 | LCS-513  | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTJNR/L-2525M22  | TNMG2204 | 25             | 25      | 150      | 43       | 32         | SMT-433 | LCS-617  | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTJNR/L-3225P22  |          | 32             | 25      | 170      | 43       | 32         | SMT-433 | LCS-617  | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTJNR/L-3232P22  |          | 32             | 32      | 170      | 43       | 40         | SMT-433 | LCS-617  | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTJNR/L-4040S22  |          | 40             | 40      | 250      | 43       | 50         | SMT-433 | LCS-617  | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTJNR/L-4040S27  | TNMG2706 | 40             | 40      | 250      | 43       | 50         | SMT-534 | LCS-0822 | CP50-28 | CS7-8030 | LW030  | LW040 |
| MTJNR/L-1212H16N | TNMG1604 | 12             | 12      | 100      | 30       | 12         | -       | LCS-510  | CP50-22 | CS7-6024 | LW020  | LW030 |
| MTJNR/L-1616H16N |          | 16             | 16      | 100      | 30       | 16         | SMT-322 | LCS-513  | CP50-22 | CS7-6024 | LW020  | LW030 |

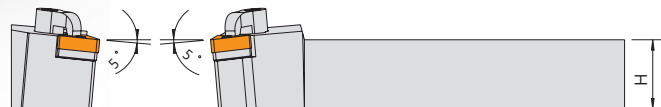
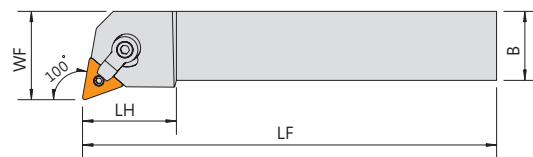
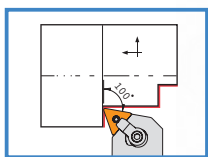
## MTQN 105°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MTQNR/L-2020K16 | TNMG1604 | 20             | 20      | 125      | 30       | 25         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTQNR/L-2525M16 |          | 25             | 25      | 150      | 30       | 32         |         |         |         |          |        |       |
| MTQNR-3232P16   |          | 32             | 32      | 170      | 30       | 40         |         |         |         |          |        |       |

## MTXN

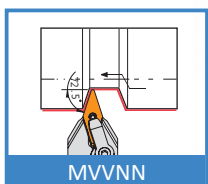
100°



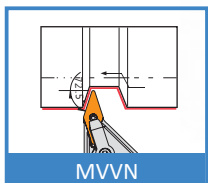
| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MTXNR/L-2020K16 | TNMG1604 | 20             | 20      | 125      | 34       | 25         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |
| MTXNR/L-2525M16 |          | 25             | 25      | 150      | 34       | 32         | SMT-322 | LCS-513 | CP50-22 | CS7-6030 | LW020  | LW030 |

## MVVNN

72.5°



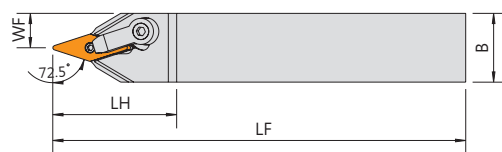
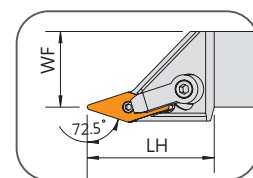
MVVNN



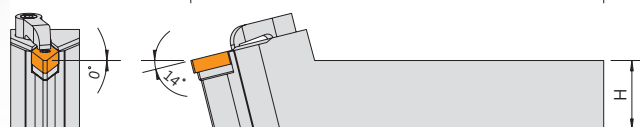
MVVN



MVVNR



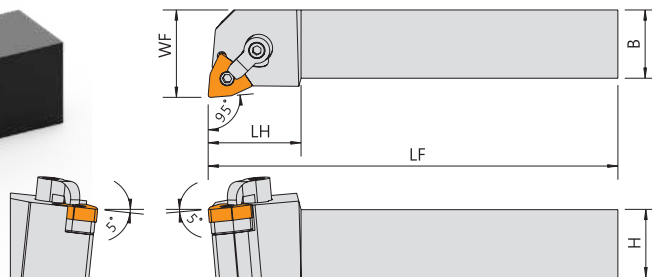
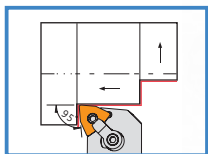
MVVNN



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MVVNN-2020K16   | VNMG1604 | 20             | 20      | 125      | 45       | 10         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVVNN-2525M16   |          | 25             | 25      | 150      | 45       | 12.5       | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVVNN-3225P16   |          | 32             | 25      | 170      | 45       | 12.5       | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVVNN-3232P16   |          | 32             | 32      | 170      | 45       | 16         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVVNR/L-2020K16 |          | 20             | 20      | 125      | 42       | 20         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVVNR/L-2525M16 |          | 25             | 25      | 150      | 42       | 25         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |

## MWLN

95°

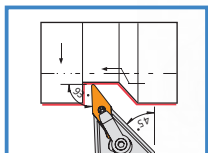


| Order No.      | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|----------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left   |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MWLN/L-2020K06 | WNMG0604 | 20             | 20      | 125      | 26       | 25         | SMW-321 | LCS-513 | CP50-30 | CS7-5018 | LW020  | LW025 |
| MWLN/L-2525M06 |          | 25             | 25      | 150      | 26       | 32         | SMW-321 | LCS-513 | CP50-30 | CS7-5018 | LW020  | LW025 |
| MWLN/L-2020K08 | WNMG0804 | 20             | 20      | 125      | 26       | 25         | SMW-432 | LCS-617 | CP50-22 | CS7-6030 | -      | LW030 |
| MWLN/L-2525M08 |          | 25             | 25      | 150      | 26       | 32         | SMW-432 | LCS-617 | CP50-22 | CS7-6030 | -      | LW030 |
| MWLN/L-3225P08 |          | 32             | 25      | 170      | 26       | 32         | SMW-432 | LCS-617 | CP50-22 | CS7-6030 | -      | LW030 |
| MWLN/L-3232P08 |          | 32             | 32      | 170      | 26       | 40         | SMW-432 | LCS-617 | CP50-22 | CS7-6030 | -      | LW030 |

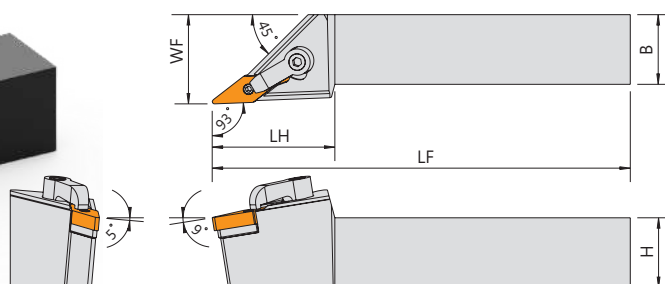
## MVJN

MVJN-M

93°



MVJNR  
-2525M16M

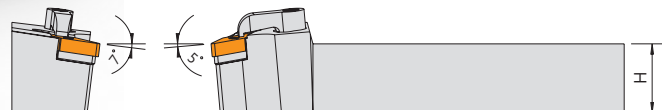
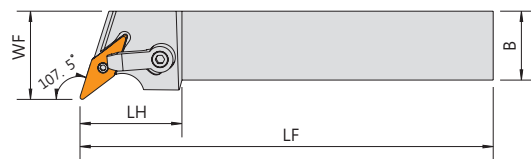
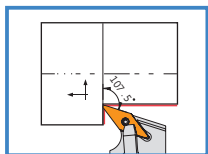


| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MVJNR/L-1616M16  | VNMG1604 | 16             | 16      | 150      | 26       | 20         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-2020K16  |          | 20             | 20      | 125      | 39       | 25         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-2525M16  |          | 25             | 25      | 150      | 44       | 32         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-3225P16  |          | 32             | 25      | 170      | 44       | 32         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-3232P16  |          | 32             | 32      | 170      | 45       | 40         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-2020K16M | VNMG1604 | 20             | 20      | 125      | 43       | 25         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVJNR/L-2525M16M |          | 25             | 25      | 150      | 43       | 32         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |



## MVQN

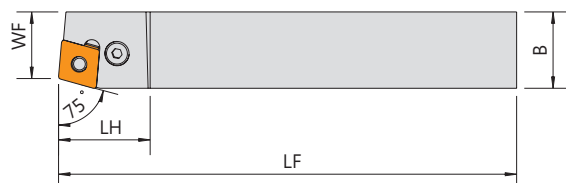
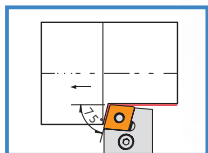
107.5°/117.5°



| Order No.             | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |         |          | Wrench |       |
|-----------------------|----------|----------------|---------|----------|----------|------------|---------|---------|---------|----------|--------|-------|
| Right / Left          |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |         |          |        |       |
| MVQNR/L-2020K16       | VNMG1604 | 20             | 20      | 125      | 36       | 25         | SMV-322 | LCS-513 | CP50-25 | CS7-6030 | LW020  | LW030 |
| MVQNR/L-2020K16-117.5 |          | 20             | 20      | 125      | 38       | 25         |         |         |         |          |        |       |
| MVQNR/L-2525M16       |          | 25             | 25      | 150      | 36       | 32         |         |         |         |          |        |       |
| MVQNR/L-2525M16-117.5 |          | 25             | 25      | 150      | 38       | 32         |         |         |         |          |        |       |
| MVQNR/L-3225P16       |          | 32             | 25      | 170      | 36       | 32         |         |         |         |          |        |       |
| MVQNR/L-3225P16-117.5 |          | 32             | 25      | 170      | 42       | 32         |         |         |         |          |        |       |
| MVQNR/L-3232P16       |          | 32             | 32      | 170      | 36       | 40         |         |         |         |          |        |       |
| MVQNR/L-3232P16-117.5 |          | 32             | 32      | 170      | 42       | 40         |         |         |         |          |        |       |

## PCBN

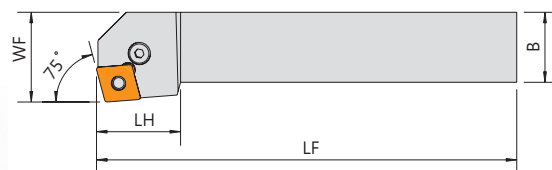
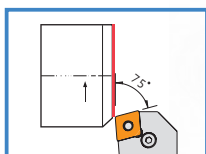
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |        |        | Wrench |  |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|--------|--------|--------|--|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |        |        |        |  |
| PCBNR/L-2020K12 | CNMG1204 | 20             | 20      | 125      | 30       | 17         | SMC-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |  |
| PCBNR/L-2525M12 |          | 25             | 25      | 150      | 30       | 22         |         |         |        |        |        |  |
| PCBNR/L-3225P12 |          | 32             | 25      | 170      | 30       | 22         |         |         |        |        |        |  |
| PCBNR/L-3232P12 |          | 32             | 32      | 170      | 30       | 29         |         |         |        |        |        |  |

## PCKN

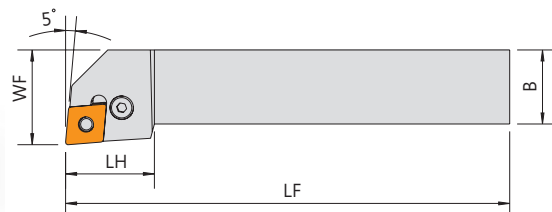
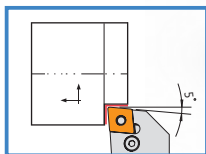
75°



| Order No.       | Insert                                                                            | Dimensions(mm) |         |          |          |            | Parts                                                                             |                                                                                    |                                                                                     |                                                                                     | Wrench                                                                              |
|-----------------|-----------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |
| PCKNR/L-2020K12 | CNMG1204                                                                          | 20             | 20      | 125      | 26       | 25         | SMC-422                                                                           | CS-LSP4                                                                            | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PCKNR/L-2525M12 |                                                                                   | 25             | 25      | 150      | 26       | 32         | SMC-422                                                                           | CS-LSP4                                                                            | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PCKNR/L-3225P12 |                                                                                   | 32             | 25      | 170      | 26       | 32         | SMC-422                                                                           | CS-LSP4                                                                            | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PCKNR/L-3232P12 |                                                                                   | 32             | 32      | 170      | 40       | 40         | SMC-422                                                                           | CS-LSP4                                                                            | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |

## PCLN

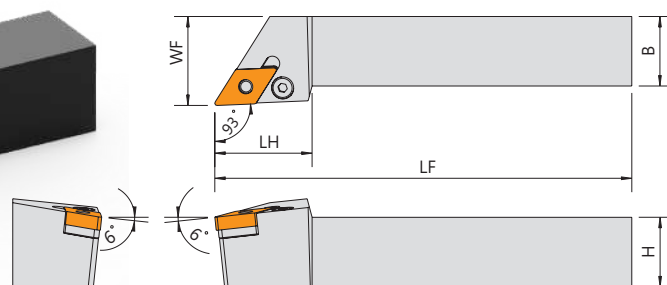
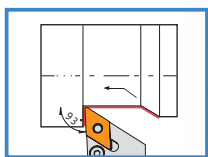
95°



| Order No.       | Insert                                                                              | Dimensions(mm) |         |          |          |            | Parts                                                                               |                                                                                      |                                                                                       |                                                                                       | Wrench                                                                                |
|-----------------|-------------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |
| PCLNR/L-1616H09 | CNMG0903                                                                            | 16             | 16      | 100      | 20       | 20         | SMC-322                                                                             | CS-LSP3                                                                              | CP-LL3                                                                                | CS-LS3                                                                                | LW025                                                                                 |
| PCLNR/L-2020K12 | CNMG1204                                                                            | 20             | 20      | 125      | 26       | 25         | SMC-422                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS4                                                                                | LW030                                                                                 |
| PCLNR/L-2525M12 |                                                                                     | 25             | 25      | 150      | 26       | 32         |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCLNR/L-3225P12 |                                                                                     | 32             | 25      | 170      | 26       | 32         |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCLNR/L-3232P12 |                                                                                     | 32             | 32      | 170      | 33       | 40         |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCLNR/L-2525M16 | CNMG1606                                                                            | 25             | 25      | 150      | 33       | 32         | SMC-532                                                                             | CS-LSP7                                                                              | CP-LL7                                                                                | CS-LS7                                                                                | LW030                                                                                 |
| PCLNR/L-3232P16 |                                                                                     | 32             | 32      | 170      | 36       | 40         |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| PCLNR/L-2525M19 | CNMG1906                                                                            | 25             | 25      | 150      | 36       | 32         | SMC-632                                                                             | CS-LSP8                                                                              | CP-LL8                                                                                | CS-LS8                                                                                | LW040                                                                                 |

## PDJN

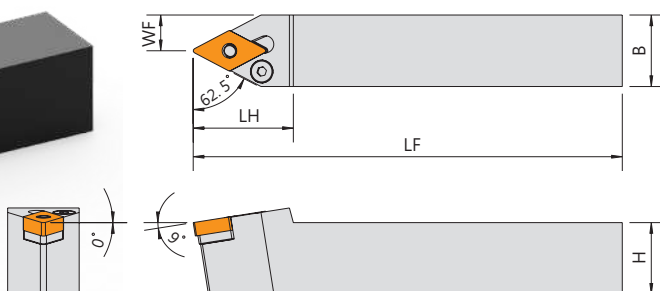
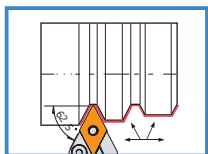
93°



| Order No.         | Insert                                                                            | Dimensions(mm) |         |          |          |            | Parts                                                                             |                                                                                     |                                                                                     |                                                                                     | Wrench                                                                              |
|-------------------|-----------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Right / Left      |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |
| PDJNR/L-2020K11   | DNMG1104                                                                          | 20             | 20      | 125      | 35       | 25         | SMD-331                                                                           | CS-LSP3                                                                             | CP-LL6                                                                              | CS-LS3                                                                              | LW025                                                                               |
| PDJNR/L-2525M11   |                                                                                   | 25             | 25      | 150      | 35       | 32         | SMD-331                                                                           | CS-LSP3                                                                             | CP-LL6                                                                              | CS-LS3                                                                              | LW025                                                                               |
| PDJNR/L-2020K1504 | DNMG1504                                                                          | 25             | 25      | 150      | 36       | 25         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PDJNR/L-2525M1504 |                                                                                   | 25             | 25      | 150      | 36       | 32         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PDJNR/L-3225P1504 |                                                                                   | 32             | 25      | 170      | 38       | 32         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PDJNR/L-3232P1504 |                                                                                   | 32             | 32      | 170      | 38       | 40         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS4                                                                              | LW030                                                                               |
| PDJNR/L-2020K1506 | DNMG1506                                                                          | 25             | 25      | 150      | 36       | 25         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS7                                                                              | LW030                                                                               |
| PDJNR/L-2525M1506 |                                                                                   | 25             | 25      | 150      | 36       | 32         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS7                                                                              | LW030                                                                               |
| PDJNR/L-3225P1506 |                                                                                   | 32             | 25      | 170      | 38       | 32         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS7                                                                              | LW030                                                                               |
| PDJNR/L-3232P1506 |                                                                                   | 32             | 32      | 170      | 38       | 40         | SMD-424                                                                           | CS-LSP4                                                                             | CP-LL4                                                                              | CS-LS7                                                                              | LW030                                                                               |

## PDNN

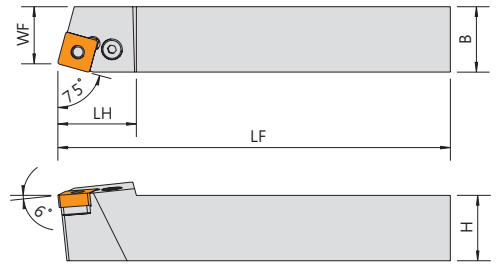
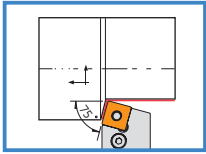
63°



| Order No.       | Insert                                                                              | Dimensions(mm) |         |          |          |            | Parts                                                                               |                                                                                      |                                                                                       |                                                                                       | Wrench                                                                                |
|-----------------|-------------------------------------------------------------------------------------|----------------|---------|----------|----------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left    |  | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |  |  |  |  |  |
| PDNNR-2525M1504 | DNMG1504                                                                            | 25             | 25      | 150      | 35       | 12.5       | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS4                                                                                | LW030                                                                                 |
| PDNNR-3225P1504 |                                                                                     | 32             | 25      | 170      | 35       | 12.5       | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS4                                                                                | LW030                                                                                 |
| PDNNR-3232P1504 |                                                                                     | 32             | 32      | 170      | 35       | 16         | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS4                                                                                | LW030                                                                                 |
| PDNNR-2525M1506 | DNMG1506                                                                            | 25             | 25      | 150      | 35       | 12.5       | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS7                                                                                | LW030                                                                                 |
| PDNNR-3225P1506 |                                                                                     | 32             | 25      | 170      | 35       | 12.5       | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS7                                                                                | LW030                                                                                 |
| PDNNR-3232P1506 |                                                                                     | 32             | 32      | 170      | 35       | 16         | SMD-424                                                                             | CS-LSP4                                                                              | CP-LL4                                                                                | CS-LS7                                                                                | LW030                                                                                 |

## PSBN

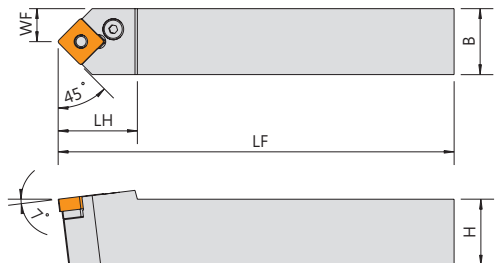
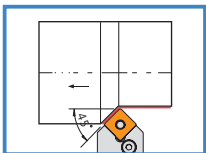
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |        |        |        |
| PSBNR/L-2020K12 | SNMG1204 | 20             | 20      | 125      | 30       | 17         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSBNR/L-2525M12 |          | 25             | 25      | 150      | 30       | 22         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSBNR/L-3225P12 |          | 32             | 25      | 170      | 30       | 22         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSBNR/L-3232P12 |          | 32             | 32      | 170      | 35       | 29         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |

## PSDNN

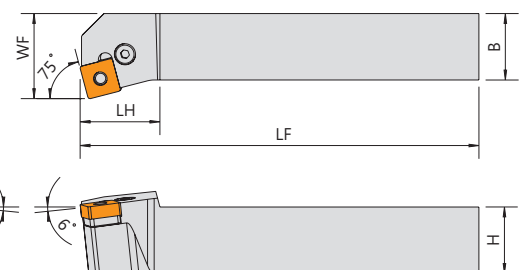
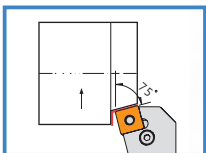
45°



| Order No.     | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |        |        | Wrench |
|---------------|----------|----------------|---------|----------|----------|------------|---------|---------|--------|--------|--------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |        |        |        |
| PSDNN-2020K12 | SNMG1204 | 20             | 20      | 125      | 30       | 17         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSDNN-2525M12 |          | 25             | 25      | 150      | 30       | 12.5       | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSDNN-3225P12 |          | 32             | 25      | 170      | 30       | 12.5       | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSDNN-3232P12 |          | 32             | 32      | 170      | 30       | 16         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |

## PSKN

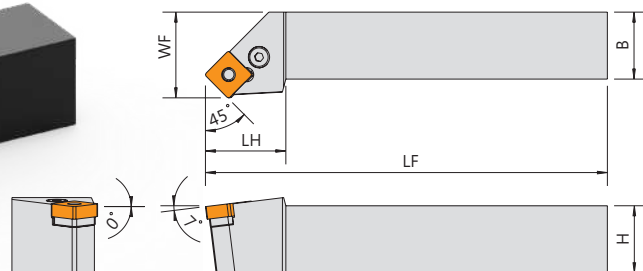
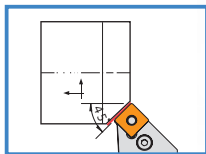
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |        |        |        |
| PSKNR/L-2020K12 | SNMG1204 | 20             | 20      | 125      | 30       | 25         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSKNR/L-2525M12 |          | 25             | 25      | 150      | 30       | 32         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSKNR/L-3225P12 |          | 32             | 25      | 170      | 30       | 32         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSKNR/L-3232P12 |          | 32             | 32      | 170      | 30       | 40         | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSKNR/L-3225M15 | SNMG1506 | 32             | 25      | 150      | 30       | 32         | SMS-532 | CS-LSP7 | CP-LL7 | CS-LS7 | LW030  |

## PSSN

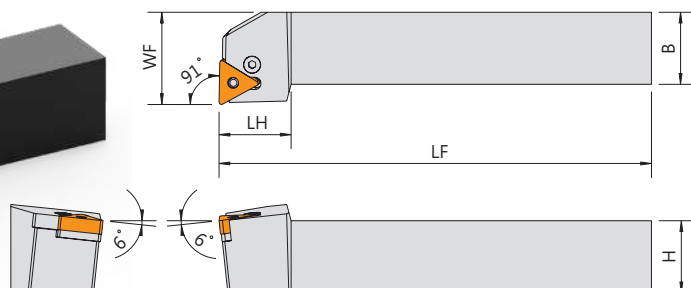
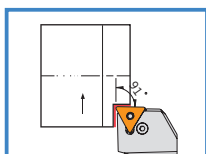
45°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |        |        |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |        |        |        |
| PSSNR/L-2020K12 | SNMG1204 | 20             | 20 | 125 | 30 | 25   | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSSNR/L-2525M12 |          | 25             | 25 | 150 | 30 | 32   | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSSNR/L-3225P12 |          | 32             | 25 | 170 | 30 | 32   | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PSSNR/L-3232P12 |          | 32             | 32 | 170 | 36 | 40   | SMS-422 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |

## PTFN

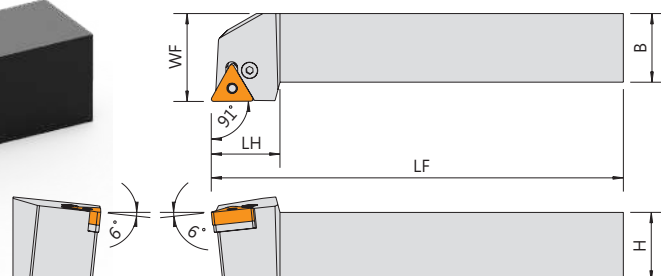
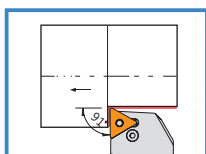
91°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |        |        |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |        |        |        |
| PTFNR/L-2020K16 | TNMG1604 | 20             | 20 | 125 | 20 | 25   | SMT-31T | CS-LSP3 | CP-LL3 | CS-LS3 | LW025  |
| PTFNR/L-2525M16 |          | 25             | 25 | 150 | 20 | 32   | SMT-31T | CS-LSP3 | CP-LL3 | CS-LS3 | LW025  |

## PTGN

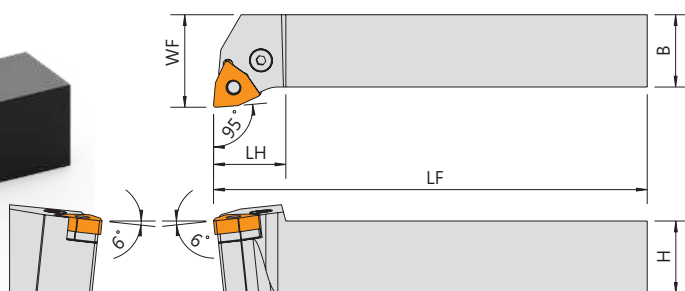
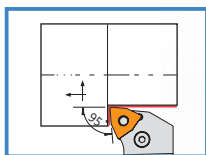
91°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |         |        |        |        |
|                 |          | H              | B  | LF  | LH | WF   |         |         |        |        |        |
| PTGNR/L-2020K16 | TNMG1604 | 20             | 20 | 125 | 20 | 25   | SMT-31T | CS-LSP3 | CP-LL3 | CS-LS3 | LW025  |
| PTGNR/L-2525M16 |          | 25             | 25 | 150 | 20 | 32   | SMT-31T | CS-LSP3 | CP-LL3 | CS-LS3 | LW025  |

## PWLN

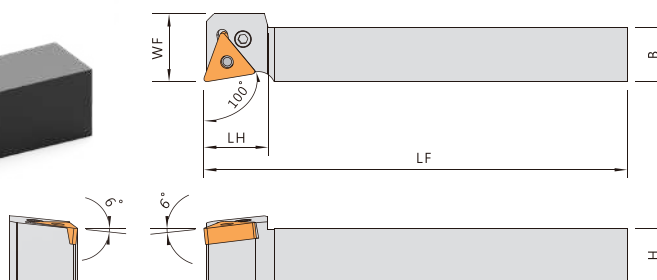
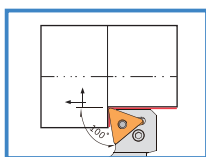
95°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |         |        |        | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|---------|--------|--------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |         |        |        |        |
| PWLNR/L-1616H06 | WNMG0604 | 16             | 16      | 100      | 20       | 20         | SMW-322 | CS-LSP3 | CP-LL3 | CS-LS3 | LW025  |
| PWLNR/L-2020K06 |          | 20             | 20      | 125      | 20       | 25         |         |         |        |        |        |
| PWLNR/L-2525M06 |          | 25             | 25      | 150      | 23       | 32         |         |         |        |        |        |
| PWLNR/L-2020K08 | WNMG0804 | 20             | 20      | 125      | 20       | 25         | SMW-423 | CS-LSP4 | CP-LL4 | CS-LS4 | LW030  |
| PWLNR/L-2525M08 |          | 25             | 25      | 150      | 26       | 32         |         |         |        |        |        |
| PWLNR/L-3225P08 |          | 32             | 25      | 170      | 26       | 32         |         |         |        |        |        |
| PWLNR/L-3232P08 |          | 32             | 32      | 170      | 30       | 40         |         |         |        |        |        |

## PTXN

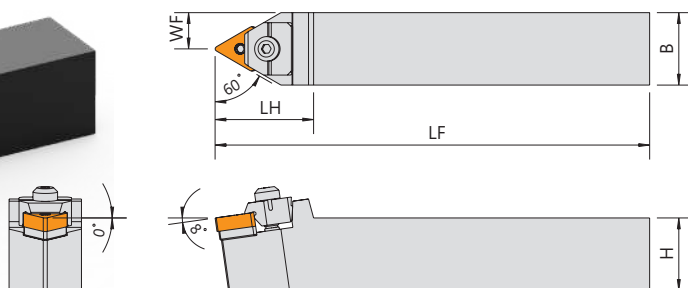
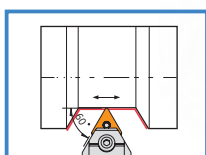
100°



| Order No.           | Insert   | Dimensions(mm) |         |          |          |            | Parts   |        |        |       | Wrench |
|---------------------|----------|----------------|---------|----------|----------|------------|---------|--------|--------|-------|--------|
| Right / Left        |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |        |        |       |        |
| PTXNR-1216K16N-100° | TNMG1604 | 12             | 16      | 125      | 19       | 16         | CS-LSP2 | CP-LL2 | CS-LS2 | LW025 |        |
| PTXNR-1616K16N-100° |          | 16             | 16      | 125      | 19       | 16         |         |        |        |       |        |

## WTENN

60°

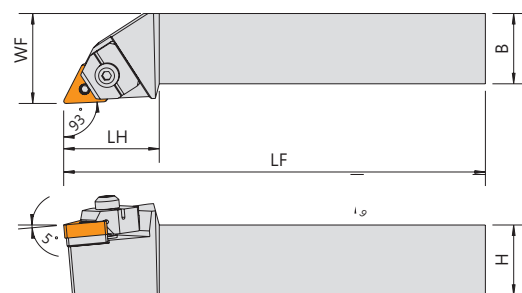
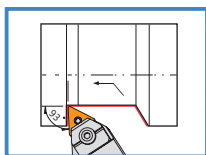


| Order No.     | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      | Wrench         |
|---------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|----------------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |                |
| WTENN-2020K16 | TNMG1604 | 20             | 20      | 125      | 34       | 10         | SMT-322 | LCS-420N | MWW-30 | CSE5026 | ER04 | LW025<br>LW030 |
| WTENN-2525M16 |          | 25             | 25      | 150      | 34       | 12.5       |         |          |        |         |      |                |
| WTENN-3225P16 |          | 32             | 25      | 170      | 34       | 12.5       |         |          |        |         |      |                |
| WTENN-3232P16 |          | 32             | 32      | 170      | 34       | 16         |         |          |        |         |      |                |



## WTJN

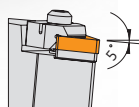
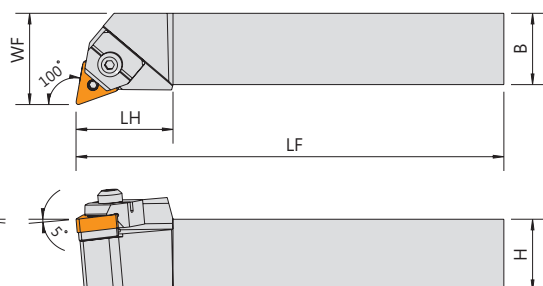
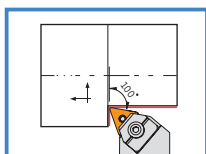
93°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      | Wrench         |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|----------------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |                |
| WTJNR/L-2020K16 | TNMG1604 | 20             | 20      | 125      | 34       | 25         | SMT-322 | LCS-420N | MWW-30 | CSE5026 | ER04 | LW025<br>LW030 |
| WTJNR/L-2525M16 |          | 25             | 25      | 150      | 34       | 32         |         |          |        |         |      |                |
| WTJNR/L-3225P16 |          | 32             | 25      | 170      | 34       | 32         |         |          |        |         |      |                |
| WTJNR/L-3232P16 |          | 32             | 32      | 170      | 34       | 40         |         |          |        |         |      |                |

## WTXN

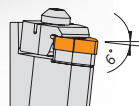
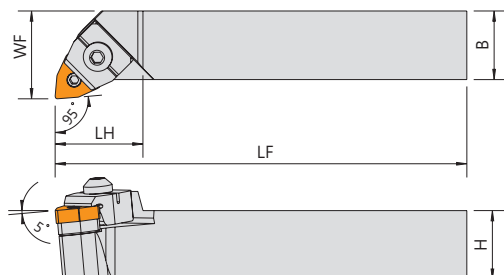
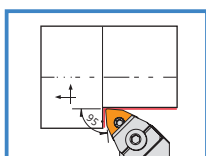
100°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      | Wrench         |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|----------------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |                |
| WTXNR/L-2020K16 | TNMG1604 | 20             | 20      | 125      | 33       | 25         | SMT-322 | LCS-420N | MWW-30 | CSE5026 | ER04 | LW025<br>LW030 |
| WTXNR/L-2525M16 |          | 25             | 25      | 150      | 34       | 32         |         |          |        |         |      |                |

## WWLN

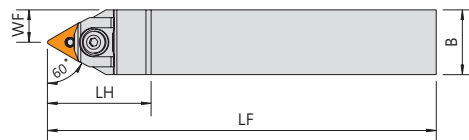
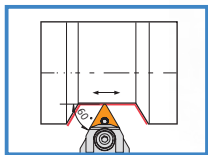
95°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      | Wrench         |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|----------------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |                |
| WWLNR/L-2020K08 | WNMG0804 | 20             | 20      | 125      | 32       | 25         | SMW-433 | LCS-520N | MMW-40 | CSE6030 | ER05 | LW025<br>LW040 |
| WWLNR/L-2525M08 |          | 25             | 25      | 150      | 32       | 32         |         |          |        |         |      |                |
| WWLNR/L-3225P08 |          | 32             | 25      | 170      | 32       | 32         |         |          |        |         |      |                |
| WWLNR/L-3232P08 |          | 32             | 32      | 170      | 32       | 40         |         |          |        |         |      |                |

## MTENN-W

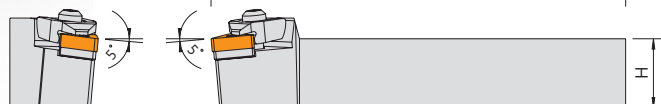
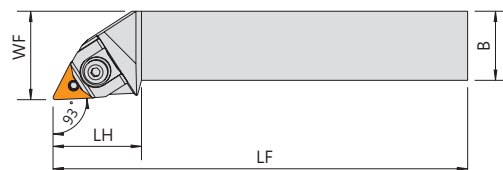
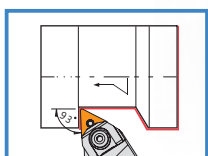
60°



| Order No.      | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |        |         |      |      | Wrench |       |
|----------------|----------|----------------|----|-----|----|------|---------|----------|--------|---------|------|------|--------|-------|
| Right / Left   |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |        |         |      |      |        |       |
|                |          | H              | B  | LF  | LH | WF   |         |          |        |         |      |      |        |       |
| MTENN-2020K16W | TNMG1604 | 20             | 20 | 125 | 32 | 10   | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTENN-2525M16W |          | 25             | 25 | 150 | 32 | 12.5 | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTENN-3225P16W |          | 32             | 25 | 170 | 32 | 12.5 | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTENN-3232P16W |          | 32             | 32 | 170 | 32 | 16   | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTENN-2525M22W | TNMG2204 | 25             | 25 | 150 | 32 | 12.5 | SMT-431 | LCS-520W | MTW-34 | CSE6027 | ER25 | WS06 | LW025  | LW040 |
| MTENN-3225P22W |          | 32             | 25 | 170 | 32 | 12.5 | SMT-431 | LCS-520W | MTW-34 | CSE6027 | ER25 | WS06 | LW025  | LW040 |
| MTENN-3232P22W |          | 32             | 32 | 170 | 32 | 16   | SMT-431 | LCS-520W | MTW-34 | CSE6027 | ER25 | WS06 | LW025  | LW040 |

## MTJN-W

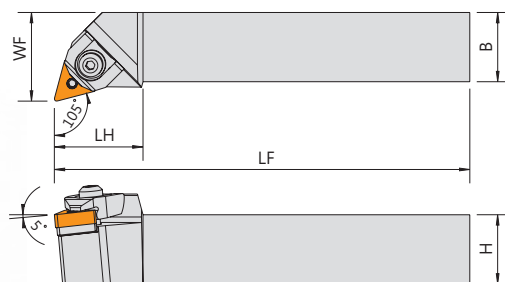
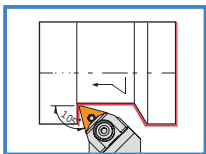
93°



| Order No.        | Insert   | Dimensions(mm) |    |     |    |      | Parts   |          |        |         |      |      | Wrench |       |
|------------------|----------|----------------|----|-----|----|------|---------|----------|--------|---------|------|------|--------|-------|
| Right / Left     |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |          |        |         |      |      |        |       |
|                  |          | H              | B  | LF  | LH | WF   |         |          |        |         |      |      |        |       |
| MTJNR/L-1616H16W | TNMG1604 | 16             | 16 | 100 | 30 | 20   | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTJNR/L-2020K16W |          | 20             | 20 | 125 | 32 | 25   |         |          |        |         |      |      |        |       |
| MTJNR/L-2525M16W |          | 25             | 25 | 150 | 32 | 32   |         |          |        |         |      |      |        |       |
| MTJNR/L-3225P16W |          | 32             | 25 | 170 | 32 | 32   |         |          |        |         |      |      |        |       |
| MTJNR/L-3232P16W |          | 32             | 32 | 170 | 32 | 40   |         |          |        |         |      |      |        |       |
| MTJNR/L-2020K22W | TNMG2204 | 20             | 20 | 125 | 32 | 27   | SMT-431 | LCS-520W | MTW-34 | CSE6027 | ER25 | WS06 | LW025  | LW030 |
| MTJNR/L-2525M22W |          | 25             | 25 | 150 | 32 | 32   |         |          |        |         |      |      |        |       |
| MTJNR/L-3225P22W |          | 32             | 25 | 170 | 32 | 32   |         |          |        |         |      |      |        |       |
| MTJNR/L-3232P22W |          | 32             | 32 | 170 | 32 | 40   |         |          |        |         |      |      |        |       |

## MTQN-W

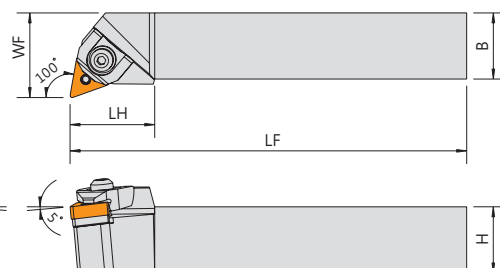
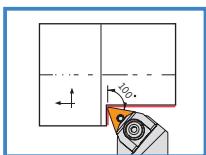
105°



| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      |      | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |      |        |       |
| MTQNR/L-2020K16W | TNMG1604 | 20             | 20      | 125      | 30       | 25         | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTQNR/L-2525M16W |          | 25             | 25      | 150      | 30       | 32         | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTQNR/L-3232P16W |          | 32             | 32      | 170      | 30       | 40         | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |

## MTXN-W

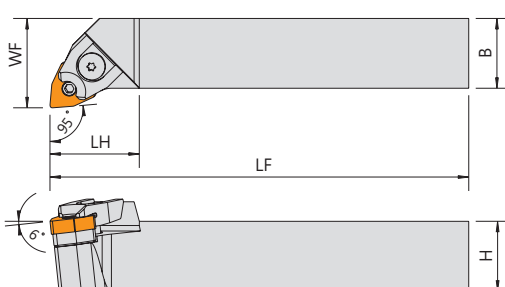
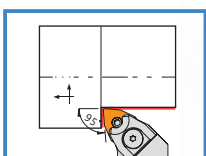
100°



| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |         |      |      | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|---------|------|------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |         |      |      |        |       |
| MTXNR/L-2020K16W | TNMG1604 | 20             | 20      | 125      | 32       | 25         | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |
| MTXNR/L-2525M16W |          | 25             | 25      | 150      | 32       | 32         | SMT-322 | LCS-420N | MTW-30 | CSE5026 | ER04 | WS06 | LW025  | LW030 |

## MWLN-W

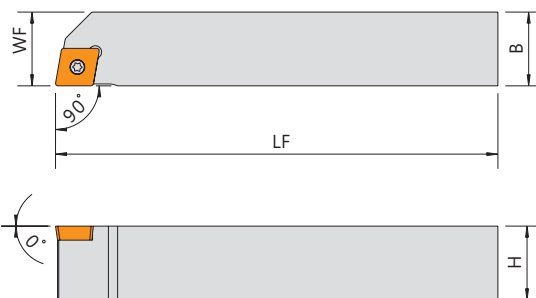
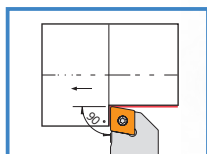
95°



| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |          |        |          |        |      | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|----------|--------|----------|--------|------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |          |        |          |        |      |        |       |
| MWLNR/L-2020K08W | WNMG0804 | 20             | 20      | 125      | 32       | 25         | SMW-433 | LCS-520N | MTW-40 | CSB0620T | SP0816 | WS06 | LW025  | TL-20 |
| MWLNR/L-2525M08W |          | 25             | 25      | 150      | 32       | 32         | SMW-433 | LCS-520N | MTW-40 | CSB0620T | SP0816 | WS06 | LW025  | TL-20 |
| MWLNR/L-3225P08W |          | 32             | 25      | 170      | 32       | 32         | SMW-433 | LCS-520N | MTW-40 | CSB0620T | SP0816 | WS06 | LW025  | TL-20 |
| MWLNR/L-3232P08W |          | 32             | 32      | 170      | 32       | 40         | SMW-433 | LCS-520N | MTW-40 | CSB0620T | SP0816 | WS06 | LW025  | TL-20 |

## SCAC

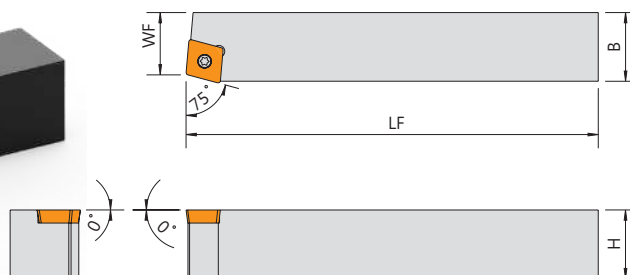
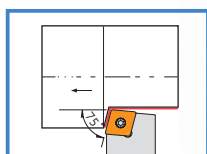
90°



| Order No.       | Insert   | Dimensions(mm) |    |     |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | WF   |          |        |
| SCACR/L-0808H06 | CCMT0602 | 8              | 8  | 100 | 8    | CS25061S | FT-7   |
| SCACR/L-1010H06 |          | 10             | 10 | 100 | 10   | CS25061S | FT-7   |
| SCACR/L-1212H06 |          | 12             | 12 | 100 | 12   | CS25061S | FT-7   |
| SCACR/L-0808K06 |          | 8              | 8  | 125 | 8    | CS25061S | FT-7   |
| SCACR/L-1010K06 |          | 10             | 10 | 125 | 10   | CS25061S | FT-7   |
| SCACR/L-1212K06 |          | 12             | 12 | 125 | 12   | CS25061S | FT-7   |
| SCACR/L-1212H09 | CCMT09T3 | 12             | 12 | 100 | 12   | CS35090  | FT-15  |
| SCACR/L-1616H09 |          | 16             | 16 | 100 | 16   | CS35090  | FT-15  |
| SCACR/L-1212K09 |          | 12             | 12 | 125 | 12   | CS35090  | FT-15  |
| SCACR/L-1616K09 |          | 16             | 16 | 125 | 16   | CS35090  | FT-15  |
| SCACR/L-2020K12 | CCMT1204 | 20             | 20 | 125 | 20   | CS40115  | FT-15  |
| SCACR/L-2525M12 |          | 25             | 25 | 150 | 25   | CS40115  | FT-15  |

## SCBC

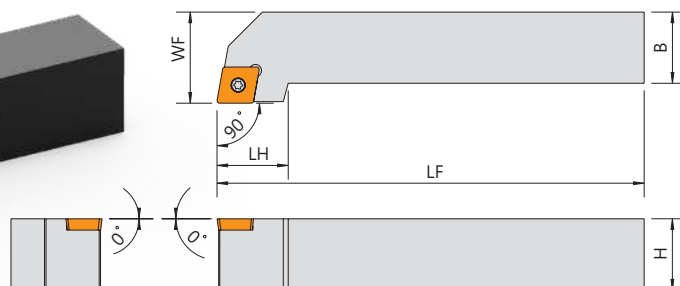
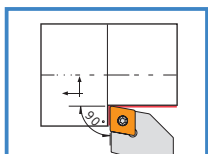
75°



| Order No.       | Insert   | Dimensions(mm) |    |     |      | Parts   | Wrench |
|-----------------|----------|----------------|----|-----|------|---------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 工作寬度 |         |        |
|                 |          | H              | B  | LF  | WF   |         |        |
| SCBCR/L-2020K09 | CCMT09T3 | 20             | 20 | 125 | 18.3 | CS35090 | FT-15  |
| SCBCR/L-2525M09 |          | 25             | 25 | 150 | 23.3 | CS35090 | FT-15  |
| SCBCR/L-2020K12 | CCMT1204 | 20             | 20 | 125 | 17.5 | CS40115 | FT-15  |
| SCBCR/L-2525M12 |          | 25             | 25 | 150 | 22.5 | CS40115 | FT-15  |

## SCGC

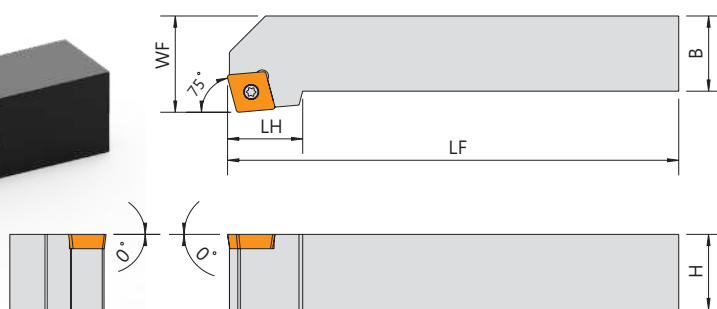
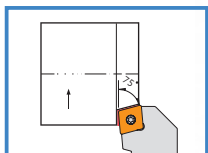
90°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| SCGCR/L-0808H06 | CCMT0602 | 8              | 8       | 100      | 12       | 10         |          |        |
| SCGCR/L-1010H06 |          | 10             | 10      | 100      | 12       | 12         | CS25061S | FT-7   |
| SCGCR/L-1212H09 | CCMT09T3 | 12             | 12      | 100      | 17       | 16         | CS35090  | FT-15  |
| SCGCR/L-1616H09 |          | 16             | 16      | 100      | 18       | 20         | CS35090  | FT-15  |
| SCGCR/L-2020K12 | CCMT1204 | 20             | 20      | 125      | 22       | 25         | CS40115  | FT-15  |
| SCGCR/L-2525M12 |          | 25             | 25      | 150      | 25       | 32         | CS40115  | FT-15  |

## SCKC

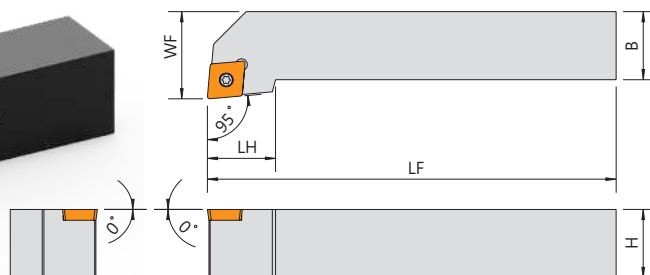
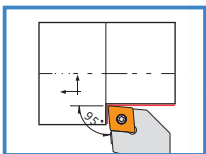
75°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |        |
| SCKCR/L-2020K09 | CCMT09T3 | 20             | 20      | 125      | 22       | 25         |         |        |
| SCKCR/L-2525M09 |          | 25             | 25      | 150      | 25       | 32         | CS35090 | FT-15  |
| SCKCR/L-2020K12 | CCMT1204 | 20             | 20      | 125      | 22       | 25         | CS40115 | FT-15  |
| SCKCR/L-2525M12 |          | 25             | 25      | 150      | 25       | 32         | CS40115 | FT-15  |

## SCLC

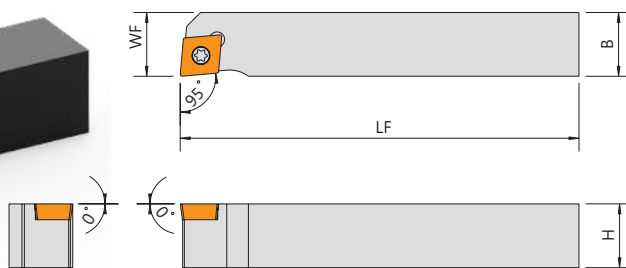
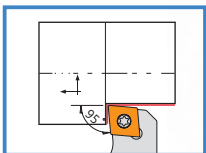
95°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | LH | WF   |          |        |
| SCLCR/L-0808H06 | CCMT0602 | 8              | 8  | 100 | 12 | 10   | CS25061S | FT-7   |
| SCLCR/L-1010H06 |          | 10             | 10 | 100 | 12 | 12   | CS25061S | FT-7   |
| SCLCR/L-1212H06 |          | 12             | 12 | 100 | 17 | 16   | CS25061S | FT-7   |
| SCLCR/L-1212H09 | CCMT09T3 | 12             | 12 | 100 | 17 | 16   | CS35090  | FT-15  |
| SCLCR/L-1616H09 |          | 16             | 16 | 100 | 18 | 20   | CS35090  | FT-15  |
| SCLCR/L-2020K09 |          | 20             | 20 | 125 | 22 | 25   | CS35090  | FT-15  |
| SCLCR/L-2525M09 |          | 25             | 25 | 150 | 26 | 32   | CS35090  | FT-15  |
| SCLCR/L-2020K12 | CCMT1204 | 20             | 20 | 125 | 22 | 25   | CS40115  | FT-15  |
| SCLCR/L-2525M12 |          | 25             | 25 | 150 | 26 | 32   | CS40115  | FT-15  |

## SCLC-N

95°

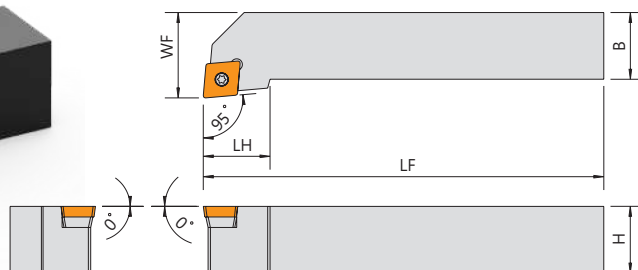
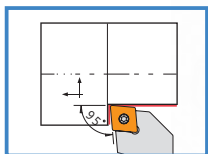


| Order No.        | Insert   | Dimensions(mm) |    |     |      | Parts    | Wrench |
|------------------|----------|----------------|----|-----|------|----------|--------|
| Right / Left     |          | 柄高             | 柄寬 | 長度  | 工作寬度 |          |        |
|                  |          | H              | B  | LF  | WF   |          |        |
| SCLCR/L-0808H06N | CCMT0602 | 8              | 8  | 100 | 8    | CS25061S | FT-7   |
| SCLCR/L-1010H06N |          | 10             | 10 | 100 | 10   | CS25061S | FT-7   |
| SCLCR/L-0808K06N |          | 8              | 8  | 125 | 8    | CS25061S | FT-7   |
| SCLCR/L-1010K06N |          | 10             | 10 | 125 | 10   | CS25061S | FT-7   |
| SCLCR/L-1212H09N | CCMT09T3 | 12             | 12 | 100 | 12   | CS35090  | FT-15  |
| SCLCR/L-1616H09N |          | 16             | 16 | 100 | 16   | CS35090  | FT-15  |
| SCLCR/L-1212K09N |          | 12             | 12 | 125 | 12   | CS35090  | FT-15  |
| SCLCR/L-1616K09N |          | 16             | 16 | 125 | 16   | CS35090  | FT-15  |



## SCLC-S

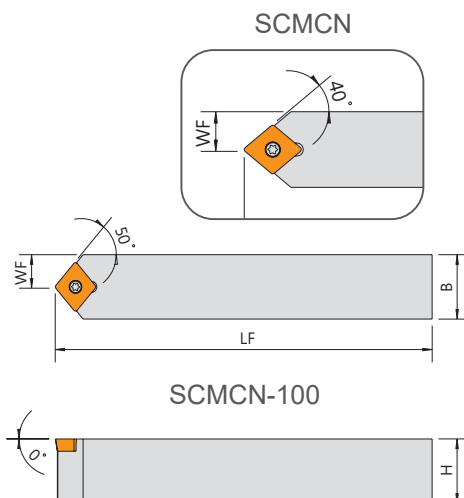
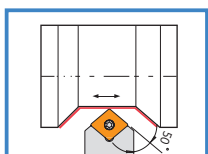
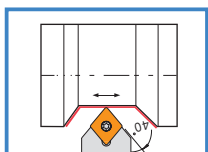
95°



| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |       |          | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |       |          |        |       |
| SCLCR/L-2020K09S | CCMT09T3 | 20             | 20      | 125      | 22       | 25         | SMC-343 | SN535 | CS35119S | FT-15  | LW035 |
| SCLCR/L-2525M09S |          | 25             | 25      | 150      | 25       | 32         |         |       |          |        |       |
| SCLCR/L-2020K12S | CCMT1204 | 20             | 20      | 125      | 22       | 25         | SMC-453 | SN630 | CS40145  | FT-15  | LW040 |
| SCLCR/L-2525M12S |          | 25             | 25      | 150      | 25       | 32         |         |       |          |        |       |

## SCMCN SCMCN-100

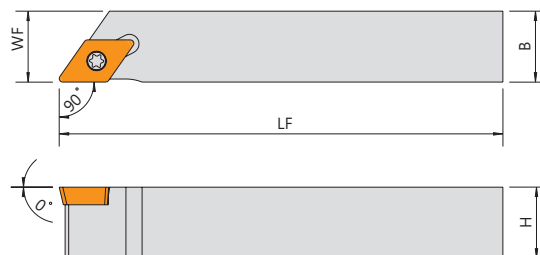
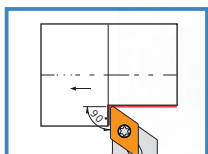
80°/100°



| Order No.         | Insert   | Dimensions(mm) |         |          |            | Parts   | Wrench |
|-------------------|----------|----------------|---------|----------|------------|---------|--------|
| Right / Left      |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |        |
| SCMCN-1212H09     | CCMT09T3 | 12             | 12      | 100      | 6          | CS35090 | FT-15  |
| SCMCN-1616H09     |          | 16             | 16      | 100      | 8          |         |        |
| SCMCN-2020K09     |          | 20             | 20      | 125      | 10         |         |        |
| SCMCN-2525M09     |          | 25             | 25      | 150      | 12.5       |         |        |
| SCMCN-2020K12     | CCMT1204 | 20             | 20      | 125      | 10         | CS40115 | FT-15  |
| SCMCN-2525M12     |          | 25             | 25      | 150      | 12.5       |         |        |
| SCMCN-1212H09-100 | CCMT09T3 | 12             | 12      | 100      | 6          | CS35090 | FT-15  |
| SCMCN-1616H09-100 |          | 16             | 16      | 100      | 8          |         |        |
| SCMCN-2020K09-100 |          | 20             | 20      | 125      | 10         |         |        |
| SCMCN-2525M09-100 |          | 25             | 25      | 150      | 12.5       |         |        |
| SCMCN-2020K12-100 | CCMT1204 | 20             | 20      | 125      | 10         | CS40115 | FT-15  |
| SCMCN-2525M12-100 |          | 25             | 25      | 150      | 12.5       |         |        |

## SDAC

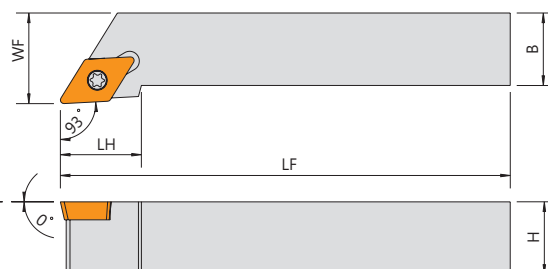
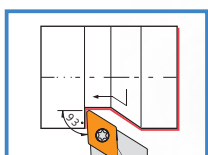
90°



| Order No.       | Insert   | Dimensions(mm) |         |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |          |        |
| SDACR/L-0808H07 | DCMT0702 | 8              | 8       | 100      | 8          | CS25061S | FT-7   |
| SDACR/L-1010H07 |          | 10             | 10      | 100      | 10         | CS25061S | FT-7   |
| SDACR/L-1212H07 |          | 12             | 12      | 100      | 12         | CS25061S | FT-7   |
| SDACR/L-0808K07 |          | 8              | 8       | 125      | 8          | CS25061S | FT-7   |
| SDACR/L-1010K07 |          | 10             | 10      | 125      | 10         | CS25061S | FT-7   |
| SDACR/L-1212K07 |          | 12             | 12      | 125      | 12         | CS25061S | FT-7   |
| SDACR/L-1212H11 | DCMT11T3 | 12             | 12      | 100      | 12         | CS35095  | FT-15  |
| SDACR/L-1616H11 |          | 16             | 16      | 100      | 16         | CS35095  | FT-15  |
| SDACR/L-1212K11 |          | 12             | 12      | 125      | 12         | CS35095  | FT-15  |
| SDACR/L-1616K11 |          | 16             | 16      | 125      | 16         | CS35095  | FT-15  |
| SDACR/L-2020K11 |          | 20             | 20      | 125      | 20         | CS35095  | FT-15  |
| SDACR/L-2525M11 |          | 25             | 25      | 150      | 25         | CS35095  | FT-15  |

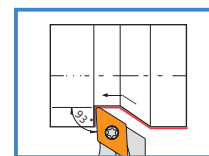
## SDJC

93°

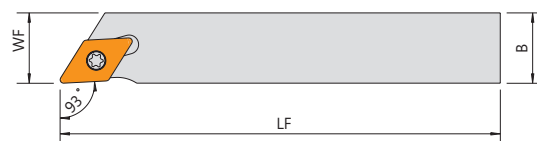


| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| SDJCR/L-0808H07 | DCMT0702 | 8              | 8       | 100      | 12.5     | 10         | CS25061S | FT-7   |
| SDJCR/L-1010H07 |          | 10             | 10      | 100      | 15       | 12         | CS25061S | FT-7   |
| SDJCR/L-1212H07 |          | 12             | 12      | 100      | 16       | 16         | CS25061S | FT-7   |
| SDJCR/L-1212H11 | DCMT11T3 | 12             | 12      | 100      | 16       | 16         | CS35095  | FT-15  |
| SDJCR/L-1616H11 |          | 16             | 16      | 100      | 18       | 20         | CS35095  | FT-15  |
| SDJCR/L-2020K11 |          | 20             | 20      | 125      | 23       | 25         | CS35095  | FT-15  |
| SDJCR/L-2525M11 |          | 25             | 25      | 150      | 27       | 32         | CS35095  | FT-15  |

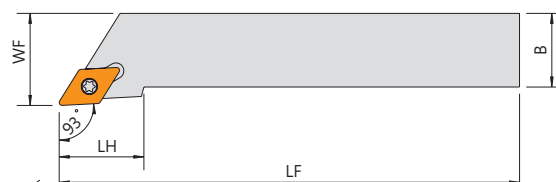
SDJC-N  
SDJC-S  
93°



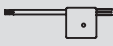
SDJC-N



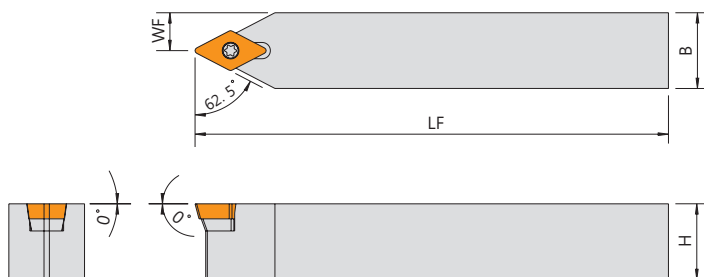
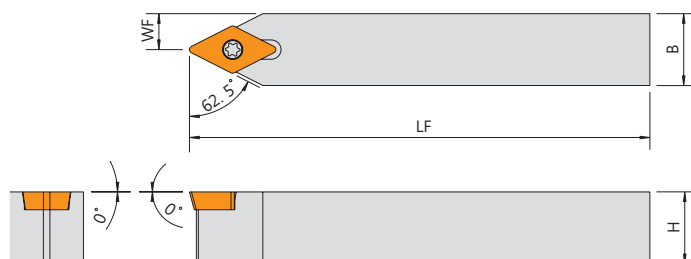
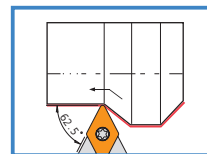
SDJC-S



| Order No.        | Insert                                                                              | Dimensions(mm) |    |     |      | Parts                                                                                 | Wrench                                                                                |
|------------------|-------------------------------------------------------------------------------------|----------------|----|-----|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left     |  | 柄高             | 柄寬 | 長度  | 工作寬度 |  |  |
|                  |                                                                                     | H              | B  | LF  | WF   |                                                                                       |                                                                                       |
| SDJCR/L-0808H07N | DCMT0702                                                                            | 8              | 8  | 100 | 8    | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-1010H07N |                                                                                     | 10             | 10 | 100 | 10   | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-1212H07N |                                                                                     | 12             | 12 | 100 | 12   | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-0808K07N |                                                                                     | 8              | 8  | 125 | 8    | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-1010K07N |                                                                                     | 10             | 10 | 125 | 10   | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-1212K07N |                                                                                     | 12             | 12 | 125 | 12   | CS25061S                                                                              | FT-7                                                                                  |
| SDJCR/L-1212H11N | DCMT11T3                                                                            | 12             | 12 | 100 | 12   | CS35095                                                                               | FT-15                                                                                 |
| SDJCR/L-1616H11N |                                                                                     | 16             | 16 | 100 | 16   | CS35095                                                                               | FT-15                                                                                 |
| SDJCR/L-1212K11N |                                                                                     | 12             | 12 | 125 | 12   | CS35095                                                                               | FT-15                                                                                 |
| SDJCR/L-1616K11N |                                                                                     | 16             | 16 | 125 | 16   | CS35095                                                                               | FT-15                                                                                 |

| Order No.        | Insert                                                                              | Dimensions(mm) |    |     |    |      | Parts                                                                               |                                                                                       |                                                                                       | Wrench                                                                                |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|----------------|----|-----|----|------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Right / Left     |  | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |  |  |  |  |  |
|                  |                                                                                     | H              | B  | LF  | LH | WF   |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SDJCR/L-2020K11S | DCMT11T3                                                                            | 20             | 20 | 125 | 22 | 25   | SMD-343                                                                             | SN535                                                                                 | CS35119S                                                                              | FT-15                                                                                 | LW035                                                                                 |
| SDJCR/L-2525M11S |                                                                                     | 25             | 25 | 150 | 25 | 32   |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

# SDNCN SDNCN-S 62.5°



| Order No.     | Insert   | Dimensions(mm) |         |          |            | Parts    | Wrench |
|---------------|----------|----------------|---------|----------|------------|----------|--------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |          |        |
| SDNCN-0808H07 | DCMT0702 | 8              | 8       | 100      | 4          | CS25061S | FT-7   |
| SDNCN-1010H07 |          | 10             | 10      | 100      | 5          | CS25061S | FT-7   |
| SDNCN-1212H11 | DCMT11T3 | 12             | 12      | 100      | 6          | CS35095  | FT-15  |
| SDNCN-1616H11 |          | 16             | 16      | 100      | 8          | CS35095  | FT-15  |
| SDNCN-2020K11 |          | 20             | 20      | 125      | 10         | CS35095  | FT-15  |
| SDNCN-2525M11 |          | 25             | 25      | 150      | 12.5       | CS35095  | FT-15  |

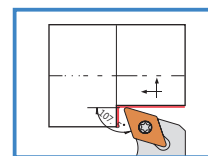
| Order No.      | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|----------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left   |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SDNCN-2020K11S | DCMT11T3 | 20             | 20      | 125      | 25         | SMD-343 | SN535 | CS35119S | FT-15  | LW035 |
| SDNCN-2525M11S |          | 25             | 25      | 150      | 32         |         |       |          |        |       |

▼ Inserts 刀片：

●=Stock / ◎=1st Choice 首選 / ○=2nd Choice 次選 / X=Not Recommend 不建議

| Tolerance Class<br>精度 | P | 鋼 Carbon Steels      |          | ◎      |                   |      |     |   |     |
|-----------------------|---|----------------------|----------|--------|-------------------|------|-----|---|-----|
|                       | M | 不鏽鋼 Stainless Steels |          | ◎      |                   |      |     |   |     |
| M級                    | K | 鑄鐵 Cast Iron         | ◎        |        |                   |      |     |   |     |
| Specification 規格      |   |                      | Grade 材質 |        | Dimensions(mm) 尺寸 |      |     |   |     |
|                       |   |                      | HK1500   | TN2000 | IC                | T    | d   | α | r   |
| DCMT11T304            |   |                      | ●        | ●      | 12.7              | 3.97 | 4.4 | 7 | 0.4 |
| DCMT11T308            |   |                      | ●        | ●      | 12.7              | 3.97 | 4.4 | 7 | 0.8 |

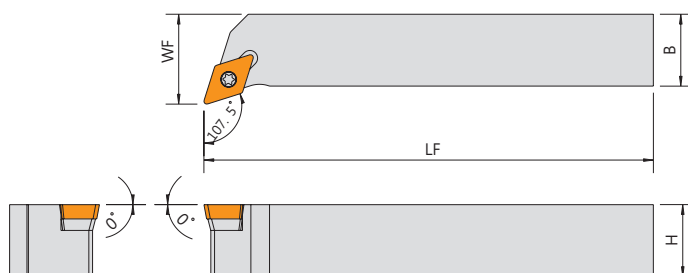
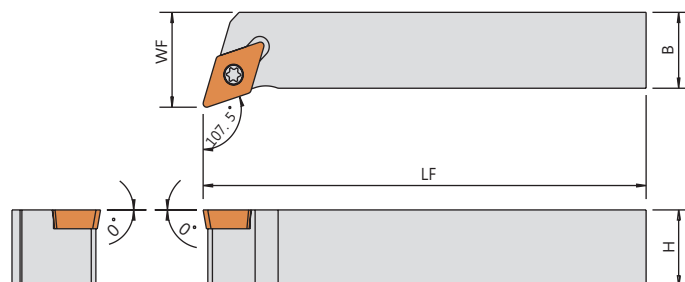
## SDQC SDQC-S 107.5°



SDQC



SDQC-S

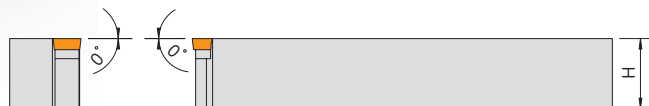
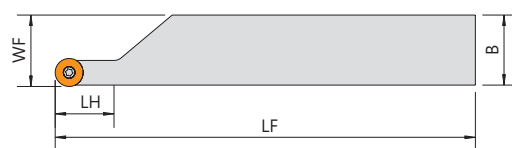
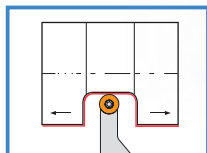


| Order No.       | Insert   | Dimensions(mm) |    |     |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | WF   |          |        |
| SDQCR/L-1010H07 | DCMT0702 | 10             | 10 | 100 | 12   | CS25061S | FT-7   |
| SDQCR/L-1212H11 | DCMT11T3 | 12             | 12 | 100 | 16   | CS35095  | FT-15  |
| SDQCR/L-1616H11 |          | 16             | 16 | 100 | 20   | CS35095  | FT-15  |
| SDQCR/L-2020K11 |          | 20             | 20 | 125 | 25   | CS35095  | FT-15  |
| SDQCR/L-2525M11 |          | 25             | 25 | 150 | 32   | CS35095  | FT-15  |

| Order No.        | Insert   | Dimensions(mm) |    |     |      | Parts   |       |          | Wrench |       |
|------------------|----------|----------------|----|-----|------|---------|-------|----------|--------|-------|
| Right / Left     |          | 柄高             | 柄寬 | 長度  | 工作寬度 |         |       |          |        |       |
|                  |          | H              | B  | LF  | WF   |         |       |          |        |       |
| SDQCR/L-2020K11S | DCMT11T3 | 20             | 20 | 125 | 25   | SMD-343 | SN535 | CS35119S | FT-15  | LW035 |
| SDQCR/L-2525M11S |          | 25             | 25 | 150 | 32   |         |       |          |        |       |

## SRAC

0°



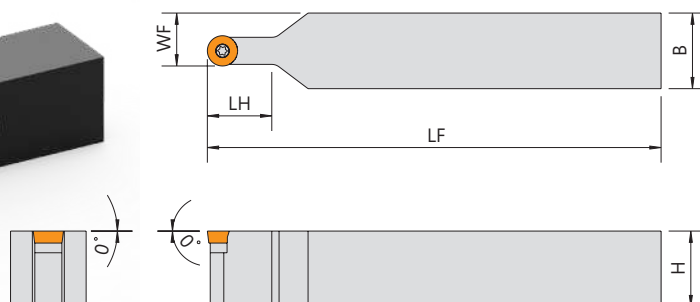
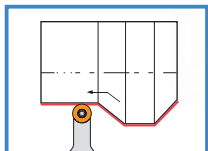
| Order No.         | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-------------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left      |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| SRACR/L-1010H05   | RCMT0502 | 10             | 10      | 100      | 10       | 10.5       | CS22050  | FT-7   |
| SRACR/L-1212H05   |          | 12             | 12      | 100      | 10       | 12.3       | CS22050  | FT-7   |
| SRACR/L-1616H05   |          | 16             | 16      | 100      | 10       | 16.3       | CS22050  | FT-7   |
| SRACR/L-2020K05   |          | 20             | 20      | 125      | 10       | 20.3       | CS22050  | FT-7   |
| SRACR/L-2525M05   |          | 25             | 25      | 150      | 10       | 25.3       | CS22050  | FT-7   |
| SRACR/L-1212H06   | RCMT0602 | 12             | 12      | 100      | 12       | 12.4       | CS25061S | FT-7   |
| SRACR/L-1616H06   |          | 16             | 16      | 100      | 12       | 16.4       | CS25061S | FT-7   |
| SRACR/L-2020K06   |          | 20             | 20      | 125      | 12       | 20.4       | CS25061S | FT-7   |
| SRACR/L-2525M06   |          | 25             | 25      | 150      | 12       | 25.4       | CS25061S | FT-7   |
| SRACR/L-1616H08   | RCMT0803 | 16             | 16      | 100      | 16       | 16.4       | CS30070  | FT-10  |
| SRACR/L-2020K08   |          | 20             | 20      | 125      | 16       | 20.4       | CS30070  | FT-10  |
| SRACR/L-2525M08   |          | 25             | 25      | 150      | 16       | 25.4       | CS30070  | FT-10  |
| SRACR/L-2020K1003 | RCMT1003 | 20             | 20      | 125      | 20       | 20.4       | CS30070  | FT-10  |
| SRACR/L-2525M1003 |          | 25             | 25      | 150      | 20       | 25.4       | CS30070  | FT-10  |
| SRACR/L-3232P1003 |          | 32             | 32      | 170      | 20       | 32.5       | CS30070  | FT-10  |

| Order No.          | Insert   | Dimensions(mm) |         |          |          |            | Parts    |       |          | Wrench |       |
|--------------------|----------|----------------|---------|----------|----------|------------|----------|-------|----------|--------|-------|
| Right / Left       |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |       |          |        |       |
| SRACR/L-2020K10T3S | RCMT10T3 | 20             | 20      | 125      | 20       | 20.4       | SMR-1003 | SN535 | CS35119S | FT-15  | LW035 |
| SRACR/L-2525M10T3S |          | 25             | 25      | 150      | 20       | 25.4       | SMR-1003 | SN535 |          | FT-15  | LW035 |
| SRACR/L-3232P10T3S |          | 32             | 32      | 170      | 20       | 32.5       | SMR-1003 | SN535 |          | FT-15  | LW035 |
| SRACR/L-4040S10T3S |          | 40             | 40      | 250      | 20       | 40.5       | SMR-1003 | SN535 |          | FT-15  | LW035 |
| SRACR/L-2525M1204S | RCMT1204 | 25             | 25      | 150      | 20       | 25.5       | SMR-1203 | SN535 |          | FT-15  | LW035 |



SRDCN

0°

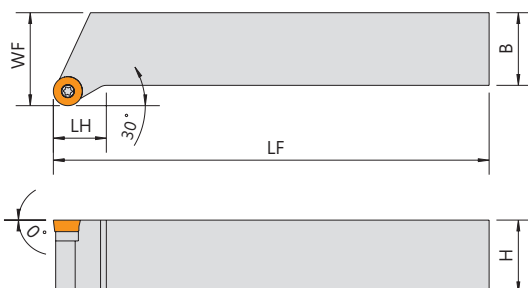
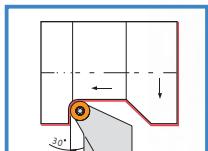


| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| SRDCN-0808H06   | RCMT0602 | 8              | 8       | 100      | 12       | 7          | CS25061S | FT-7   |
| SRDCN-1010H06   |          | 10             | 10      | 100      | 12       | 8          | CS25061S | FT-7   |
| SRDCN-1212H06   |          | 12             | 12      | 100      | 12       | 9          | CS25061S | FT-7   |
| SRDCN-1616H06   |          | 16             | 16      | 100      | 12       | 11         | CS25061S | FT-7   |
| SRDCN-1212H08   | RCMT0803 | 12             | 12      | 100      | 16       | 9          | CS30070  | FT-10  |
| SRDCN-1616H08   |          | 16             | 16      | 100      | 16       | 12         | CS30070  | FT-10  |
| SRDCN-2020K08   |          | 20             | 20      | 125      | 16       | 14         | CS30070  | FT-10  |
| SRDCN-2525M08   |          | 25             | 25      | 150      | 16       | 16.5       | CS30070  | FT-10  |
| SRDCN-1616H1003 | RCMT1003 | 16             | 16      | 100      | 20.3     | 13         | CS30070  | FT-10  |
| SRDCN-2020K1003 |          | 20             | 20      | 125      | 20.3     | 15         | CS30070  | FT-10  |
| SRDCN-2525M1003 |          | 25             | 25      | 150      | 20.3     | 17.5       | CS30070  | FT-10  |
| SRDCN-3232P16   | RCMT1606 | 32             | 32      | 170      | 32       | 24         | CS50130  | FT-20  |

| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts    |       |          | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|----------|-------|----------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |       |          |        |       |
| SRDCN-1616H10T3S | RCMT10T3 | 16             | 16      | 100      | 20.3     | 13         | SMR-1003 | SN535 | CS35119S | FT-15  | LW035 |
| SRDCN-2020K10T3S |          | 20             | 20      | 125      | 20.3     | 15         | SMR-1003 | SN535 |          | FT-15  | LW035 |
| SRDCN-2525M10T3S |          | 25             | 25      | 150      | 20.3     | 17.5       | SMR-1003 | SN535 |          | FT-15  | LW035 |
| SRDCN-2020K1204S | RCMT1204 | 20             | 20      | 125      | 24       | 16         | SMR-1203 | SN535 |          | FT-15  | LW035 |
| SRDCN-2525M1204S |          | 25             | 25      | 150      | 24       | 18.5       | SMR-1203 | SN535 |          | FT-15  | LW035 |

## SRGC

0°



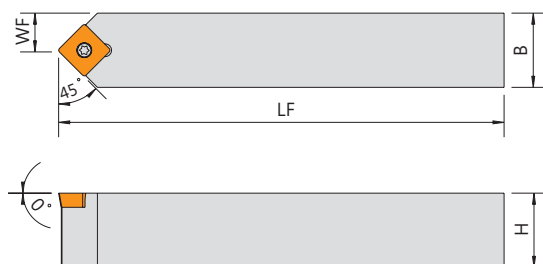
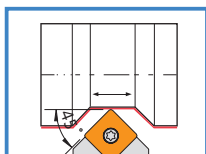
| Order No.         | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-------------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left      |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| SRGCR/L-1212H05   | RCMT0502 | 12             | 12      | 100      | 10.5     | 16         | CS22050  | FT-7   |
| SRGCR/L-1616H05   |          | 16             | 16      | 100      | 10.5     | 20         |          |        |
| SRGCR/L-2020K05   |          | 20             | 20      | 125      | 12       | 25         |          |        |
| SRGCR/L-2525M05   |          | 25             | 25      | 150      | 15.5     | 32         |          |        |
| SRGCR/L-1212H06   | RCMT0602 | 12             | 12      | 100      | 10.5     | 16         | CS25061S | FT-7   |
| SRGCR/L-1616H06   |          | 16             | 16      | 100      | 10.5     | 20         |          |        |
| SRGCR/L-2020K06   |          | 20             | 20      | 125      | 12.5     | 25         |          |        |
| SRGCR/L-2525M06   |          | 25             | 25      | 150      | 16       | 32         |          |        |
| SRGCR/L-1616H08   | RCMT0803 | 16             | 16      | 100      | 11.5     | 20         | CS30070  | FT-10  |
| SRGCR/L-2020K08   |          | 20             | 20      | 125      | 14       | 25         |          |        |
| SRGCR/L-2525M08   |          | 25             | 25      | 150      | 17       | 32         |          |        |
| SRGCR/L-2020K1003 | RCMT1003 | 20             | 20      | 125      | 15       | 25         | CS30070  | FT-10  |
| SRGCR/L-2525M1003 |          | 25             | 25      | 150      | 18.5     | 32         |          |        |

| Order No.          | Insert   | Dimensions(mm) |         |          |          |            | Parts    |       | Wrench   |       |
|--------------------|----------|----------------|---------|----------|----------|------------|----------|-------|----------|-------|
| Right / Left       |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |       |          |       |
| SRGCR/L-2020K10T3S | RCMT10T3 | 20             | 20      | 125      | 15       | 25         | SMR-1003 | SN535 | CS35119S | FT-15 |
| SRGCR/L-2525M10T3S |          | 25             | 25      | 150      | 18.5     | 32         |          |       |          |       |

| Order No.          | Insert   | Dimensions(mm) |         |          |          |            | Parts    |       | Wrench   |       |
|--------------------|----------|----------------|---------|----------|----------|------------|----------|-------|----------|-------|
| Right / Left       |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |       |          |       |
| SRGCR/L-1616H1204S | RCMT1204 | 16             | 16      | 100      | 16       | 20         | SMR-1203 | SN535 | CS35119S | FT-15 |
| SRGCR/L-2020K1204S |          | 20             | 20      | 125      | 16       | 25         |          |       |          |       |
| SRGCR/L-2525M1204S |          | 25             | 25      | 150      | 20       | 32         |          |       |          |       |
| SRGCR/L-3232M1204S |          | 32             | 32      | 150      | 23       | 40         |          |       |          |       |

## SSDCN

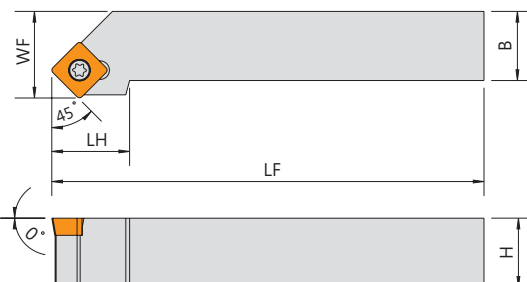
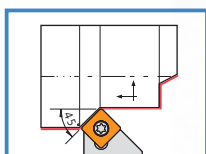
45°



| Order No.     | Insert   | Dimensions(mm) |    |     |      | Parts   | Wrench |
|---------------|----------|----------------|----|-----|------|---------|--------|
| Right / Left  |          | 柄高             | 柄寬 | 長度  | 工作寬度 |         |        |
|               |          | H              | B  | LF  | WF   |         |        |
| SSDCN-1212H09 | SCMT09T3 | 12             | 12 | 100 | 6    | CS40090 | FT-15  |
| SSDCN-1616H09 |          | 16             | 16 | 100 | 8    | CS40090 | FT-15  |
| SSDCN-2020K09 |          | 20             | 20 | 125 | 10   | CS40090 | FT-15  |
| SSDCN-2525M09 |          | 25             | 25 | 150 | 12.5 | CS40090 | FT-15  |
| SSDCN-1616H12 | SCMT1204 | 16             | 16 | 100 | 8    | CS40115 | FT-15  |
| SSDCN-2020K12 |          | 20             | 20 | 125 | 10   | CS40115 | FT-15  |
| SSDCN-2525M12 |          | 25             | 25 | 150 | 12.5 | CS40115 | FT-15  |

## SSSC

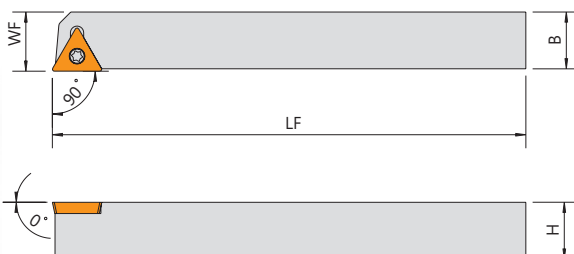
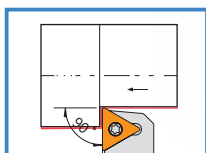
45°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   | Wrench |
|-----------------|----------|----------------|----|-----|----|------|---------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |        |
|                 |          | H              | B  | LF  | LH | WF   |         |        |
| SSSCR/L-1212H09 | SCMT09T3 | 12             | 12 | 100 | 20 | 16   | CS40090 | FT-15  |
| SSSCR/L-1616H09 |          | 16             | 16 | 100 | 20 | 20   | CS40090 | FT-15  |
| SSSCR/L-1616H12 | SCMT1204 | 16             | 16 | 100 | 26 | 20   | CS40115 | FT-15  |

## STAC

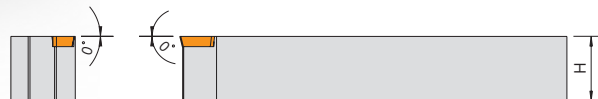
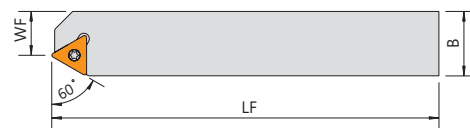
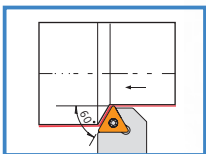
90°



| Order No.       | Insert   | Dimensions(mm) |    |     |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | WF   |          |        |
| STACR/L-0808H09 | TCMT0902 | 8              | 8  | 100 | 8.5  | CS22050  | FT-7   |
| STACR/L-1010H09 |          | 10             | 10 | 100 | 10.5 | CS22050  | FT-7   |
| STACR/L-1212H11 | TCMT1102 | 12             | 12 | 100 | 12.5 | CS25061S | FT-7   |
| STACR/L-1616H11 |          | 16             | 16 | 100 | 16.5 | CS25061S | FT-7   |

## STEC

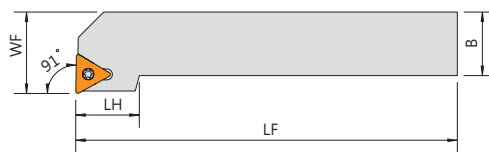
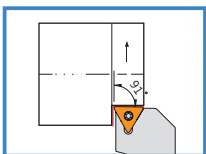
60°



| Order No.       | Insert   | Dimensions(mm) |    |     |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | WF   |          |        |
| STECR/L-1616H11 | TCMT1102 | 16             | 16 | 100 | 10.5 | CS25061S | FT-7   |
| STECR/L-2020K11 |          | 20             | 20 | 125 | 14.5 | CS25061S | FT-7   |
| STECR/L-2525M11 |          | 25             | 25 | 150 | 19.5 | CS25061S | FT-7   |
| STECR/L-2020K16 | TCMT16T3 | 20             | 20 | 125 | 12   | CS40090  | FT-15  |
| STECR/L-2525M16 |          | 25             | 25 | 150 | 17   | CS40090  | FT-15  |

## STFC

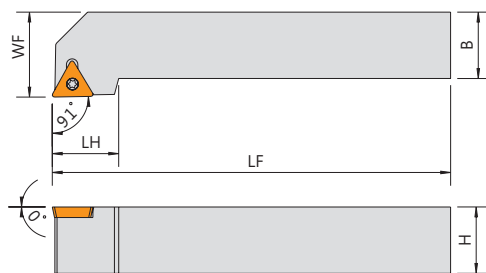
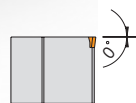
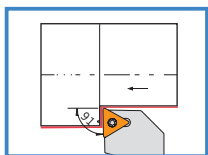
91°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts    | Wrench |
|-----------------|----------|----------------|----|-----|----|------|----------|--------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |          |        |
|                 |          | H              | B  | LF  | LH | WF   |          |        |
| STFCR/L-0808H09 | TCMT0902 | 8              | 8  | 100 | 12 | 10   | CS22050  | FT-7   |
| STFCR/L-1010H09 |          | 10             | 10 | 100 | 12 | 12   | CS22050  | FT-7   |
| STFCR/L-1212H11 | TCMT1102 | 12             | 12 | 100 | 17 | 16   | CS25061S | FT-7   |
| STFCR/L-1616H11 |          | 16             | 16 | 100 | 18 | 20   | CS25061S | FT-7   |
| STFCR/L-2020K16 | TCMT16T3 | 20             | 20 | 125 | 23 | 25   | CS40090  | FT-15  |
| STFCR/L-2525M16 |          | 25             | 25 | 150 | 26 | 32   | CS40090  | FT-15  |

## STGC

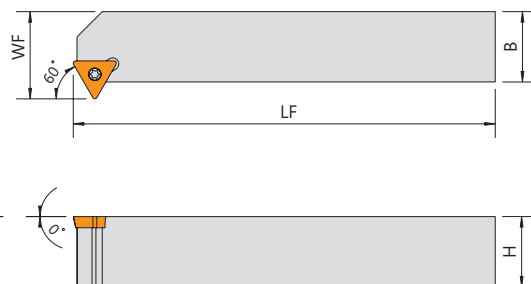
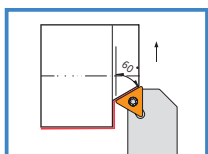
91°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |          |        |
| STGCR/L-1212H11 | TCMT1102 | 12             | 12      | 100      | 17       | 16         | CS25061S | FT-7   |
| STGCR/L-1616H11 |          | 16             | 16      | 100      | 18       | 20         | CS25061S | FT-7   |
| STGCR/L-2020K16 | TCMT16T3 | 20             | 20      | 125      | 22       | 25         | CS40090  | FT-15  |
| STGCR/L-2525M16 |          | 25             | 25      | 150      | 25       | 32         | CS40090  | FT-15  |

## STWC

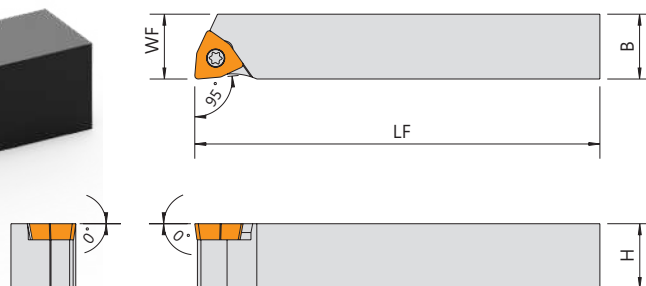
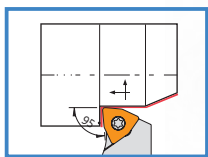
60°



| Order No.       | Insert   | Dimensions(mm) |         |          |            | Parts    | Wrench |
|-----------------|----------|----------------|---------|----------|------------|----------|--------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |          |        |
| STWCR/L-1212H11 | TCMT1102 | 12             | 12      | 100      | 15.3       | CS25061S | FT-7   |
| STWCR/L-1616H11 |          | 16             | 16      | 100      | 19.3       | CS25061S | FT-7   |
| STWCR/L-2020K11 |          | 20             | 20      | 125      | 23.3       | CS25061S | FT-7   |
| STWCR/L-2525M11 |          | 25             | 25      | 150      | 28.3       | CS25061S | FT-7   |
| STWCR/L-1616H16 | TCMT16T3 | 16             | 16      | 100      | 21         | CS40090  | FT-15  |
| STWCR/L-2020K16 |          | 20             | 20      | 125      | 26         | CS40090  | FT-15  |
| STWCR/L-2525M16 |          | 25             | 25      | 150      | 31         | CS40090  | FT-15  |
| STWCR/L-3232P16 |          | 32             | 32      | 170      | 38         | CS40090  | FT-15  |

## SWLC-N

95°



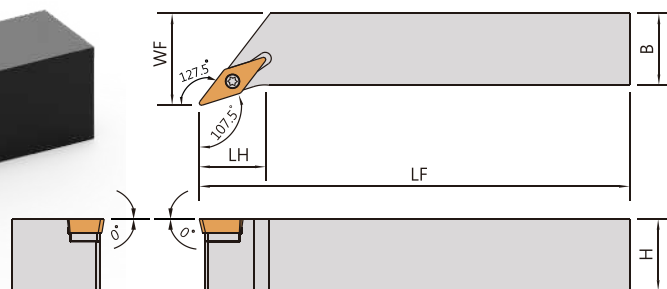
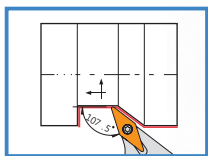
▼ Recommended Inserts 刀片建議品牌：SUMITOMO

| Order No.        | Insert   | Dimensions(mm) |    |     |      | Parts   | Wrench |
|------------------|----------|----------------|----|-----|------|---------|--------|
| Right / Left     |          | 柄高             | 柄寬 | 長度  | 工作寬度 |         |        |
|                  |          | H              | B  | LF  | WF   |         |        |
| SWLCR/L-1212H06N |          | 12             | 12 | 100 | 12   | CS35091 | FT-15  |
| SWLCR/L-1616H06N | WCMT06T3 | 16             | 16 | 100 | 16   | CS35091 | FT-15  |

## SVHB

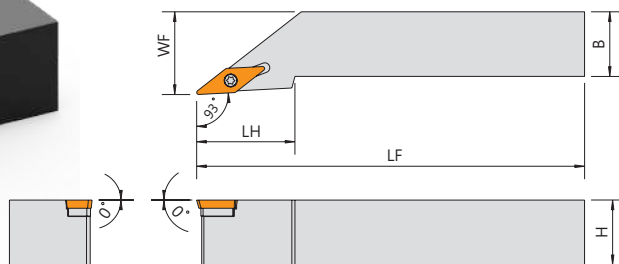
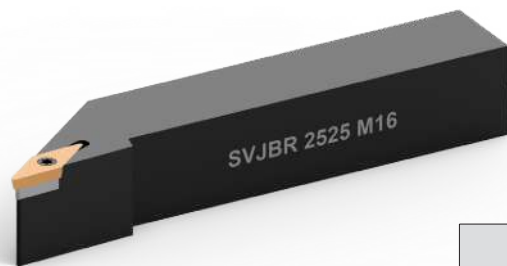
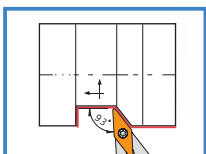
## SVHC

107.5°/127.5°



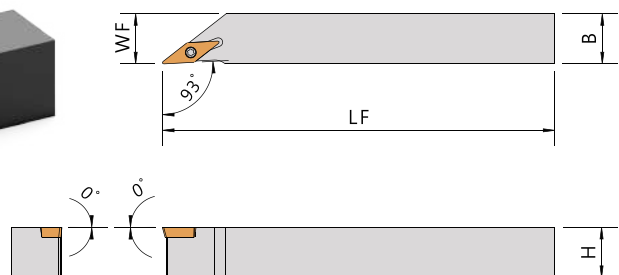
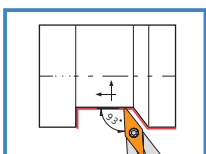
| Order No.       | Insert   | Dimensions(mm) |    |     |      |      | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|----|-----|------|------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長   | 工作寬度 |         |       |          |        |       |
|                 |          | H              | B  | LF  | LH   | WF   |         |       |          |        |       |
| SVHBR/L-1212F11 | VBMT1103 | 12             | 12 | 80  | 13   | 16   | -       | -     | CS25061S | FT-7   | -     |
| SVHBR/L-1616H11 |          | 16             | 16 | 100 | 13   | 20   | -       | -     |          |        | -     |
| SVHBR/L-2020K11 |          | 20             | 20 | 125 | 16.5 | 25   | -       | -     |          |        | -     |
| SVHBR/L-2020K16 | VBMT1604 | 20             | 20 | 125 | 17   | 25   | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVHBR/L-2525M16 |          | 25             | 25 | 150 | 23   | 32   |         |       |          |        |       |
| SVHBR/L-3232P16 |          | 32             | 32 | 170 | 26.5 | 40   |         |       |          |        |       |
| SVHCR/L-1212F11 | VCMT1103 | 12             | 12 | 80  | 13   | 16   | -       | -     | CS25061S | FT-7   | -     |
| SVHCR/L-1616H11 |          | 16             | 16 | 100 | 13   | 20   | -       | -     |          |        | -     |
| SVHCR/L-2020K11 |          | 20             | 20 | 125 | 16.5 | 25   | -       | -     |          |        | -     |
| SVHCR/L-2020K16 | VCMT1604 | 20             | 20 | 125 | 17   | 25   | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVHCR/L-2525M16 |          | 25             | 25 | 150 | 23   | 32   |         |       |          |        |       |
| SVHCR/L-3232P16 |          | 32             | 32 | 170 | 26.5 | 40   |         |       |          |        |       |

**SVJB**  
**SVJC**  
93°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |       |          |        |       |
| SVJBR/L-2020K11 | VBMT1103 | 20             | 20      | 125      | 22       | 25         | -       | -     | CS25061S | FT-7   | -     |
| SVJBR/L-2020K16 | VBMT1604 | 20             | 20      | 125      | 33       | 25         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVJBR/L-2525M16 |          | 25             | 25      | 150      | 38       | 32         |         |       |          |        |       |
| SVJBR/L-3232P16 |          | 32             | 32      | 170      | 38       | 40         |         |       |          |        |       |
| SVJCR/L-2020K11 | VCMT1103 | 20             | 20      | 125      | 33       | 25         | -       | -     | CS25061S | FT-7   | -     |
| SVJCR/L-2525M11 |          | 25             | 25      | 150      | 38       | 32         |         |       |          |        |       |
| SVJCR/L-2020K16 | VCMT1604 | 20             | 20      | 125      | 33       | 25         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVJCR/L-2525M16 |          | 25             | 25      | 150      | 38       | 32         |         |       |          |        |       |

**SVJB-N**  
**SVJC-N**  
93°

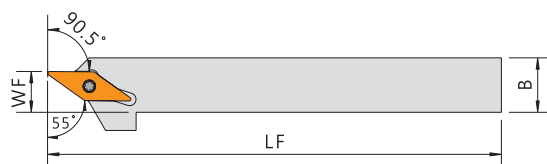
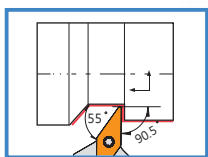


| Order No.        | Insert   | Dimensions(mm) |         |          |          |            | Parts   |       |          | Wrench |       |
|------------------|----------|----------------|---------|----------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left     |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |       |          |        |       |
| SVJBR/L-1212H11N | VBMT1103 | 12             | 12      | 100      | -        | 12         | -       | -     | CS25061S | FT-7   | -     |
| SVJBR/L-1616H11N |          | 16             | 16      | 100      | -        | 16         |         |       |          |        |       |
| SVJBR/L-1212K11N |          | 12             | 12      | 125      | -        | 12         |         |       |          |        |       |
| SVJBR/L-1616K11N |          | 16             | 16      | 125      | -        | 16         |         |       |          |        |       |
| SVJBR/L-1616H16N | VBMT1604 | 16             | 16      | 100      | -        | 16         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVJCR/L-1010H11N | VCMT1103 | 10             | 10      | 100      | -        | 10         | -       | -     | CS25061S | FT-7   | -     |
| SVJCR/L-1212H11N |          | 12             | 12      | 100      | -        | 12         |         |       |          |        |       |
| SVJCR/L-1616H11N |          | 16             | 16      | 100      | -        | 16         |         |       |          |        |       |
| SVJCR/L-1010K11N |          | 10             | 10      | 125      | -        | 10         |         |       |          |        |       |
| SVJCR/L-1212K11N |          | 12             | 12      | 125      | -        | 12         |         |       |          |        |       |
| SVJCR/L-1616K11N |          | 16             | 16      | 125      | -        | 16         |         |       |          |        |       |
| SVJCR/L-1616H16N | VCMT1604 | 16             | 16      | 100      | -        | 16         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |



## SVKC

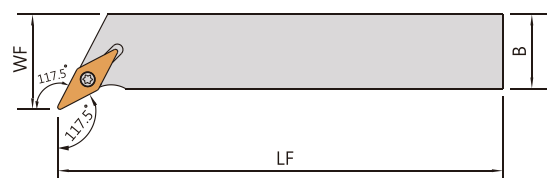
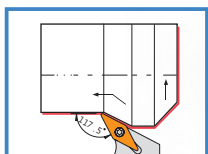
55°



| Order No.     | Insert   | Dimensions(mm) |         |          |            | Parts |   |          | Wrench |   |
|---------------|----------|----------------|---------|----------|------------|-------|---|----------|--------|---|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |       |   |          |        |   |
| SVKCR-1212H11 | VCMT1103 | 12             | 12      | 100      | 9          | -     | - | CS25061S | FT-7   | - |

## SVPC

117.5°

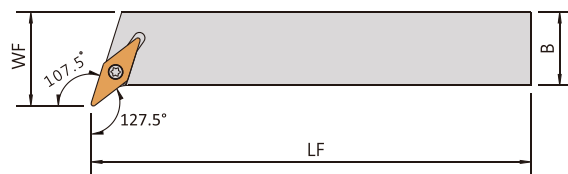
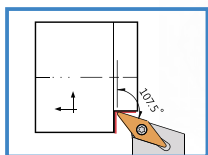


| Order No.       | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SVPCR/L-1010H11 | VCMT1103 | 10             | 10      | 100      | 14.5       | -       | -     | CS25061S | FT-7   | -     |
| SVPCR/L-1212H11 |          | 12             | 12      | 100      | 16.5       | -       | -     | CS25061S | FT-7   | -     |
| SVPCR/L-1616H11 |          | 16             | 16      | 100      | 20.5       | -       | -     | CS25061S | FT-7   | -     |
| SVPCR/L-2020K16 | VCMT1604 | 20             | 20      | 125      | 25         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVPCR/L-2525M16 |          | 25             | 25      | 150      | 32         | SMV-321 | SN535 |          | FT-15  | LW035 |

SVQB

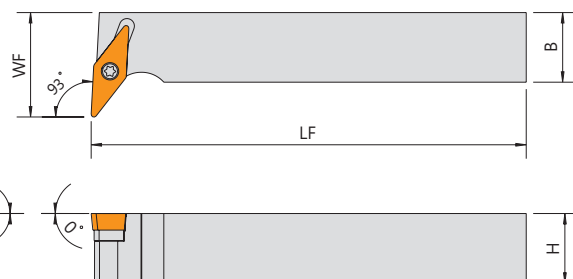
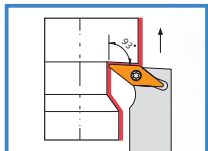
SVQC

107.5°/127.5°



| Order No.       | Insert   | Dimensions(mm) |    |     |    |      | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|----|-----|----|------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高             | 柄寬 | 長度  | 頭長 | 工作寬度 |         |       |          |        |       |
|                 |          | H              | B  | LF  | LH | WF   |         |       |          |        |       |
| SVQBR/L-2020K16 | VBMT1604 | 20             | 20 | 125 | -  | 25   | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVQBR/L-2525M16 |          | 25             | 25 | 150 | -  | 32   |         |       |          |        |       |
| SVQCR/L-2020K16 | VCMT1604 | 20             | 20 | 125 | -  | 25   | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVQCR/L-2525M16 |          | 25             | 25 | 150 | -  | 32   |         |       |          |        |       |

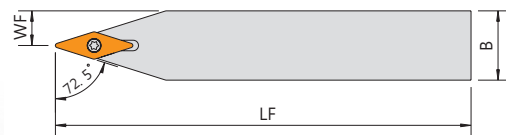
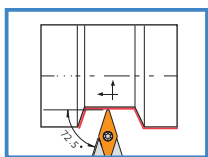
## SVUB SVUC 93°



| Order No.       | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SVUBR/L-2020K16 | VBMT1604 | 20             | 20      | 125      | 30         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVUBR/L-2525M16 |          | 25             | 25      | 150      | 35         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |

| Order No.       | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SVUCR/L-1616H11 | VCMT1103 | 16             | 16      | 100      | 24         | -       | -     | CS25061S | FT-7   | -     |
| SVUCR/L-1616H16 | VCMT1604 | 16             | 16      | 100      | 30         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVUCR/L-2020K16 |          | 20             | 20      | 125      | 30         | SMV-321 | SN535 |          | FT-15  | LW035 |
| SVUCR/L-2525M16 |          | 25             | 25      | 150      | 35         | SMV-321 | SN535 |          | FT-15  | LW035 |
| SVUCR/L-3225S16 |          | 32             | 25      | 250      | 32         | SMV-321 | SN535 |          | FT-15  | LW035 |

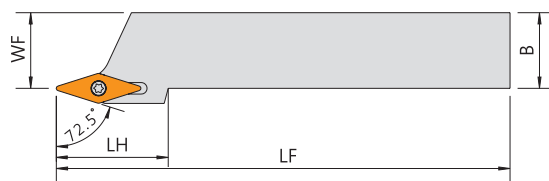
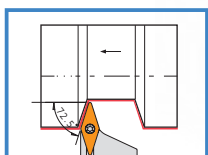
# SVVBN SVVCN 72.5°



| Order No.     | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|---------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SVVBN-1616H11 | VBMT1103 | 16             | 16      | 100      | 8          | -       | -     | CS25061S | FT-7   | -     |
| SVVBN-1616K11 |          | 16             | 16      | 125      | 8          |         |       |          |        |       |
| SVVBN-2020K11 |          | 20             | 20      | 125      | 10         |         |       |          |        |       |
| SVVBN-2525M11 |          | 25             | 25      | 150      | 12.5       |         |       |          |        |       |
| SVVBN-1616H16 | VBMT1604 | 16             | 16      | 100      | 8          | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVVBN-2020K16 |          | 20             | 20      | 125      | 10         |         |       |          |        |       |
| SVVBN-2525M16 |          | 25             | 25      | 150      | 12.5       |         |       |          |        |       |

| Order No.     | Insert   | Dimensions(mm) |         |          |            | Parts   |       |          | Wrench |       |
|---------------|----------|----------------|---------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left  |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 工作寬度<br>WF |         |       |          |        |       |
| SVVCN-0808H11 | VCMT1103 | 8              | 8       | 100      | 4          | -       | -     | CS25061S | FT-7   | -     |
| SVVCN-1010H11 |          | 10             | 10      | 100      | 5          |         |       |          |        |       |
| SVVCN-1212H11 |          | 12             | 12      | 100      | 6          |         |       |          |        |       |
| SVVCN-1616H11 |          | 16             | 16      | 100      | 8          |         |       |          |        |       |
| SVVCN-1616H16 | VCMT1604 | 16             | 16      | 100      | 8          | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVVCN-2020K16 |          | 20             | 20      | 125      | 10         |         |       |          |        |       |
| SVVCN-2525M16 |          | 25             | 25      | 150      | 12.5       |         |       |          |        |       |

# SVVC 72.5°



| Order No.       | Insert   | Dimensions(mm) |         |          |          |            | Parts   |       |          | Wrench |       |
|-----------------|----------|----------------|---------|----------|----------|------------|---------|-------|----------|--------|-------|
| Right / Left    |          | 柄高<br>H        | 柄寬<br>B | 長度<br>LF | 頭長<br>LH | 工作寬度<br>WF |         |       |          |        |       |
| SVVCR/L-2020K16 | VCMT1604 | 20             | 20      | 125      | 37       | 20         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |
| SVVCR/L-2525M16 |          | 25             | 25      | 150      | 37       | 25         | SMV-321 | SN535 | CS35119S | FT-15  | LW035 |