


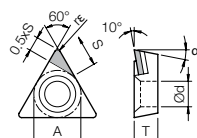

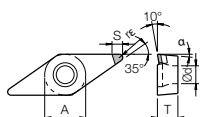

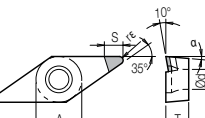

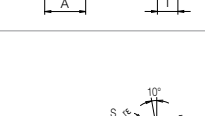
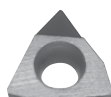
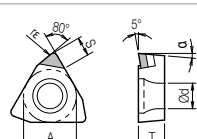
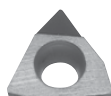
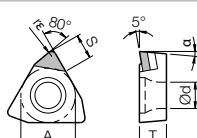
# Positive

Positive Insert with Hole

How to read this page **B13**

|                    |                                   |                    |                                   |
|--------------------|-----------------------------------|--------------------|-----------------------------------|
| <b>Part Number</b> | <b>Applicable Toolholder Page</b> | <b>Part Number</b> | <b>Applicable Toolholder Page</b> |
| TP..22_            | <u>E29, F53-F55</u>               | VB..22_            | <u>E30-E31, E36, F58-F65</u>      |
|                    |                                   | VB..33_            | <u>E30-E31, F58-F65</u>           |

- CBN
- PCD
- POSITIVE
- C
- D
- S
- T
- V
- W
- SOLID
- GROOVING

| Edge Prep.  |  |                             |                               | Dimensions (in) |       |       |       |       | Angle (°) | No. of Edges | PCD    | Toolholder Page       |   |                       |
|---|--|-----------------------------|-------------------------------|-----------------|-------|-------|-------|-------|-----------|--------------|--------|-----------------------|---|-----------------------|
| All PCD Items   | Sharp Edge   | ANSI Part Number            | ISO Part Number               | A               | T     | Ød    | rε    | S     | α         | KPD001       | KPD010 |                       |   |                       |
|       |  | TPMH 2205 $\frac{1}{4}$ -NE | TPMH 110302 $\frac{1}{4}$ -NE | 1/4             | 1/8   | 0.130 | 0.008 | 0.150 | 11°       | 1            | ○      | Reference Table Above |   |                       |
|   |  | 221 $\frac{1}{4}$ -NE       | 110304 $\frac{1}{4}$ -NE      | 1/4             | 1/8   | 0.130 | 1/64  | 0.142 |           |              | ○      |                       |   |                       |
|       |  | VBMT 2202SE                 | VBMT 110301SE                 | 1/4             | 1/8   | 0.110 | 0.004 | 0.098 | 5°        | 1            | ○      | Reference Table Above |   |                       |
|   | <b>NEW</b>   | 2205SE                      | 110302SE                      | 1/4             | 1/8   | 0.110 | 0.008 | 0.091 |           |              | ○      |                       |   |                       |
|   |  | 221SE                       | 110304SE                      | 1/4             | 1/8   | 0.110 | 1/64  | 0.075 |           |              | ○      |                       |   |                       |
|   |  | 222SE                       | 110308SE                      | 1/4             | 1/8   | 0.110 | 1/32  | 0.075 |           |              | ○      |                       |   |                       |
|   | <b>NEW</b>   | VBMT 3302SE                 | VBMT 160401SE                 | 3/8             | 3/16  | 0.173 | 0.004 | 0.106 | 5°        | 1            | ○      |                       |   |                       |
|   |  | 3305SE                      | 160402SE                      | 3/8             | 3/16  | 0.173 | 0.008 | 0.098 |           |              | ○      |                       |   |                       |
|   |  | 331SE                       | 160404SE                      | 3/8             | 3/16  | 0.173 | 1/64  | 0.083 |           |              | ○      |                       |   |                       |
|   |  | 332SE                       | 160408SE                      | 3/8             | 3/16  | 0.173 | 1/32  | 0.079 |           |              | ○      |                       |   |                       |
|   |   |                             | VBMT 2202NE                   | VBMT 110301NE   | 1/4   | 1/8   | 0.110 | 0.004 | 0.102     | 5°           | 1      |                       | ○ | Reference Table Above |
|   |  |                             | 2205NE                        | 110302NE        | 1/4   | 1/8   | 0.110 | 0.008 | 3/32      |              |        |                       | ○ |                       |
|   |  | 221NE                       | 110304NE                      | 1/4             | 1/8   | 0.110 | 1/64  | 0.079 | ○         |              |        |                       |   |                       |
|   |  | 222NE                       | 110308NE                      | 1/4             | 1/8   | 0.110 | 1/32  | 0.122 | ○         |              |        |                       |   |                       |
|   |  | VBMT 3302NE                 | VBMT 160401NE                 | 3/8             | 3/16  | 0.173 | 0.004 | 0.110 | 5°        | 1            | ○      |                       |   |                       |
|   |  | 3305NE                      | 160402NE                      | 3/8             | 3/16  | 0.173 | 0.008 | 0.102 |           |              | ○      |                       |   |                       |
|   |  | 331NE                       | 160404NE                      | 3/8             | 3/16  | 0.173 | 1/64  | 0.087 |           |              | ○      |                       |   |                       |
|   |  | 332NE                       | 160408NE                      | 3/8             | 3/16  | 0.173 | 1/32  | 0.118 |           |              | ○      |                       |   |                       |
|   |  | VBMT 2202                   | VBMT 110301                   | 1/4             | 1/8   | 0.110 | 0.004 | 0.118 | 5°        | 1            | ●      |                       |   |                       |
|   |  | 2205                        | 110302                        | 1/4             | 1/8   | 0.110 | 0.008 | 0.110 |           |              | ○      |                       |   |                       |
|   |  | 221                         | 110304                        | 1/4             | 1/8   | 0.110 | 1/64  | 3/32  |           |              | ●      |                       |   |                       |
|   |  | 222                         | 110308                        | 1/4             | 1/8   | 0.110 | 1/32  | 0.138 |           |              | ○      |                       |   |                       |
|   |  | VBMT 3302                   | VBMT 160401                   | 3/8             | 3/16  | 0.173 | 0.004 | 0.126 | 5°        | 1            | ○      |                       |   |                       |
|   |  | 3305                        | 160402                        | 3/8             | 3/16  | 0.173 | 0.008 | 0.118 |           |              | ○      |                       |   |                       |
|   | 331  | 160404                      | 3/8                           | 3/16            | 0.173 | 1/64  | 0.102 | ○     |           |              |        |                       |   |                       |
|   | 332  | 160408                      | 3/8                           | 3/16            | 0.173 | 1/32  | 0.138 | ●     |           |              |        |                       |   |                       |
|   |  | <b>NEW</b> VCMT 151505SE    | VCMT 080202SE                 | 3/16            | 3/32  | 0.091 | 0.008 | 0.055 | 7°        | 1            | ○      | E36<br>F60<br>F62     |   |                       |
|   |  | 15151SE                     | 080204SE                      | 3/16            | 3/32  | 0.091 | 1/64  | 0.055 |           |              | ○      |                       |   |                       |
|   |  | 15152SE                     | 080208SE                      | 3/16            | 3/32  | 0.091 | 1/32  | 0.055 |           |              | ○      |                       |   |                       |
|   |  | VCMT 151502NE               | VCMT 080201NE                 | 3/16            | 3/32  | 0.091 | 0.004 | 0.067 | 7°        | 1            | ○      |                       |   |                       |
|   |  | 151505NE                    | 080202NE                      | 3/16            | 3/32  | 0.091 | 0.008 | 0.067 |           |              | ○      |                       |   |                       |
|   |  | 15151NE                     | 080204NE                      | 3/16            | 3/32  | 0.091 | 1/64  | 0.071 |           |              | ○      |                       |   |                       |
|   |  | 15152NE                     | 080208NE                      | 3/16            | 3/32  | 0.091 | 1/32  | 0.075 |           |              | ○      |                       |   |                       |
|   |  | VCMT 151502                 | VCMT 080201                   | 3/16            | 3/32  | 0.091 | 0.004 | 0.079 | 7°        | 1            | ○      |                       |   |                       |
|   |  | 151505                      | 080202                        | 3/16            | 3/32  | 0.091 | 0.008 | 0.079 |           |              | ○      |                       |   |                       |
|   |  | 15151                       | 080204                        | 3/16            | 3/32  | 0.091 | 1/64  | 0.083 |           |              | ○      |                       |   |                       |
|   | 15152  | 080208                      | 3/16                          | 3/32            | 0.091 | 1/32  | 0.087 | ○     |           |              |        |                       |   |                       |
|   |  | <b>NEW</b> WBMT 12105L-SE   | WBMT 060102L-SE               | 5/32            | 1/16  | 0.091 | 0.008 | 0.051 | 5°        | 1            | ○      | F66                   |   |                       |
|   |  |                             |                               |                 |       |       |       |       |           |              |        |                       |   |                       |
|   |  | WBMT 12102L-NE              | WBMT 060101L-NE               | 5/32            | 1/16  | 0.091 | 0.004 | 0.067 | 5°        | 1            | ○      | F66                   |   |                       |
|   |  | 12105L-NE                   | 060102L-NE                    | 5/32            | 1/16  | 0.091 | 0.008 | 1/16  |           |              | ○      |                       |   |                       |
|   |  | 1211L-NE                    | 060104L-NE                    | 5/32            | 1/16  | 0.091 | 1/64  | 1/16  |           |              | ○      |                       |   |                       |
|   |  | WBMT 12102L                 | WBMT 060101L                  | 5/32            | 1/16  | 0.091 | 0.004 | 0.075 | 5°        | 1            | ○      |                       |   |                       |
|   |  | 12105L                      | 060102L                       | 5/32            | 1/16  | 0.091 | 0.008 | 0.075 |           |              | ○      |                       |   |                       |
|   | 1211L  | 060104L                     | 5/32                          | 1/16            | 0.091 | 1/64  | 0.075 |       |           | ●            |        |                       |   |                       |