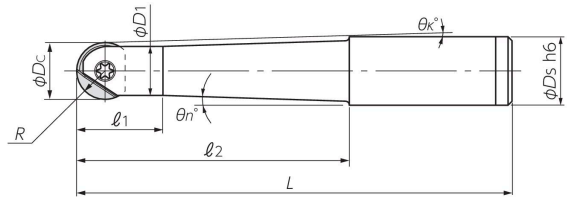


ストレートシャンクタイプ Straight shank type

■ミドルタイプ Middle type

BNMM-T type (テーパネック)



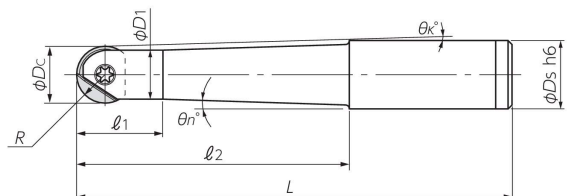
| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions | | | | | | | | | クランプねじ Clamp Screw | レンチ Wrench | 対応チップ Inserts | |
|------------------|-------------|--------------------|-----|------|-----|-----|-----|-----|-------|-------------|-----------------------|---------------|------------------|------------|
| | | R | φDc | ℓ1 | ℓ2 | L | φD1 | φDs | θκ° | θn° テーパ角 | | | | |
| BNMM-080053T-S12 | ● | 4 | 8 | 18.5 | 53 | 110 | 7.2 | 12 | 2°20' | 3°30' | FSW-2506H | A-07 | BNM-080... | RNM-080... |
| BNMM-100053T-S12 | ● | 5 | 10 | 21 | 53 | 110 | 9 | 12 | 1°12' | 2°30' | FSW-3007H | A-08 | BNM-100... | RNM-100... |
| BNMM-120053T-S12 | ● | 6 | 12 | 22 | 53 | 110 | 11 | 12 | — | 1°30' | FSW-3509H | A-10 | BNM-120... | RNM-120... |
| BNMM-160063T-S16 | ● | 8 | 16 | 28 | 63 | 123 | 14 | 16 | — | 1°30' | FSW-4013H | A-15 | BNM-160... | RNM-160... |
| BNMM-200075T-S20 | ● | 10 | 20 | 34 | 75 | 141 | 17 | 20 | — | 2° | FSW-5016H | A-20W | BNM-200... | RNM-200... |
| BNMM-250090T-S25 | ● | 12.5 | 25 | 41 | 90 | 166 | 21 | 25 | — | 2°20' | FSW-6020 | A-30 | BNM-250... | RNM-250... |
| BNMM-300106T-S32 | ● | 15 | 30 | 49 | 106 | 186 | 26 | 32 | 0°38' | 3° | FSW-8025 | A-40 | BNM-300... | RNM-300... |
| BNMM-320106T-S32 | ● | 16 | 32 | 49 | 106 | 186 | 26 | 32 | — | 3° | FSW-8025 | A-40 | BNM-320... | RNM-320... |

注) ホルダにチップは組み込んでありません。別途お求めください。 Note) All cutters are supplied without inserts.

切削条件 Cutting conditions 30~31ページ

■ロングタイプ Long type

BNML-T type (テーパネック)



| 形番 Cat. No. | 在庫 Stock | 寸法 (mm) Dimensions | | | | | | | | | クランプねじ Clamp Screw | レンチ Wrench | 対応チップ Inserts | |
|------------------|-------------|--------------------|-----|------|-----|-----|-----|-----|-------|-------------|-----------------------|---------------|------------------|------------|
| | | R | φDc | ℓ1 | ℓ2 | L | φD1 | φDs | θκ° | θn° テーパ角 | | | | |
| BNML-080075T-S12 | ● | 4 | 8 | 18.5 | 75 | 132 | 7.2 | 12 | 1°37' | 1°30' | FSW-2506H | A-07 | BNM-080... | RNM-080... |
| BNML-100075T-S12 | ● | 5 | 10 | 21 | 75 | 132 | 9 | 12 | 0°49' | 1° | FSW-3007H | A-08 | BNM-100... | RNM-100... |
| BNML-120085T-S16 | ● | 6 | 12 | 22 | 85 | 145 | 11 | 16 | 1°27' | 1°30' | FSW-3509H | A-10 | BNM-120... | RNM-120... |
| BNML-160100T-S20 | ● | 8 | 16 | 28 | 100 | 166 | 14 | 20 | 1°13' | 1°30' | FSW-4013H | A-15 | BNM-160... | RNM-160... |
| BNML-200115T-S25 | ● | 10 | 20 | 34 | 115 | 191 | 17 | 25 | 1°22' | 1°50' | FSW-5016H | A-20W | BNM-200... | RNM-200... |
| BNML-250135T-S32 | ● | 12.5 | 25 | 41 | 135 | 215 | 21 | 32 | 1°38' | 1°30' | FSW-6020 | A-30 | BNM-250... | RNM-250... |
| BNML-300160T-S32 | ● | 15 | 30 | 49 | 160 | 240 | 26 | 32 | 0°24' | 1°10' | FSW-8025 | A-40 | BNM-300... | RNM-300... |
| BNML-320160T-S32 | ● | 16 | 32 | 49 | 160 | 240 | 26 | 32 | — | 1°10' | FSW-8025 | A-40 | BNM-320... | RNM-320... |

注) ホルダにチップは組み込んでありません。別途お求めください。 Note) All cutters are supplied without inserts.

切削条件 Cutting conditions 30~31ページ

| クランプねじ形番 Clamp screw | 推奨トルク (N·m) Recommended torque | クランプねじ形番 Clamp screw | 推奨トルク (N·m) Recommended torque |
|-------------------------|-----------------------------------|-------------------------|-----------------------------------|
| FSW-2005H | 0.5 | FSW-4013H | 3.0 |
| FSW-2506H | 0.9 | FSW-5016H | 4.0 |
| FSW-3007H | 1.2 | FSW-6020 | 5.0 |
| FSW-3509H | 2.0 | FSW-8025 | 6.0 |