



- **High rigidity full carbide boring bar**
 - Minimal bar deformation produces excellent boring accuracy.
 - Minimal vibration produces superior surface finish.
- **Full-Top SUMIBORON insert enables 3 cutting edges**
- **Can be used with SUMIDIA inserts for non-ferrous metal machining**
- **Now with economical one-corner NF Type SUMIDIA insert**

Holder

	Cat. No.	Stock	Dimensions (mm)				
			Min. Bore Dia. øD _m	øD _s	h	L ₁	θ°
	BNB 508R	●	10.0	8.0	7.0	140	-9
	510R	●	12.0	10.0	9.0	140	-8
	512R	●	14.0	12.0	11.0	160	-6
	516R	●	18.0	16.0	14.0	180	-5
	520R	●	22.0	20.0	18.0	180	-4

Inserts are not included.

Insert

	Cat. No.	Cat. No.								Dimension (mm)		
		SUMIBORON							SUMIDIA			
		BNX10	BNX20	BN2000	BN250	BN350	BN500	BN7000	BN700	DA150	DA1000	Nose Radius (r _ε)
TBMG 060102B			●	●	▲					●		0.2
060104B			●	●	▲	●	●	●	●	●		0.4
060108B			●	●	▲	●	●	●	●			0.8
060102-BSTN*1			●									0.2
060104-BSTN*1			●									0.4
060108-BSTN*1			●									0.8
NF-TBMG 060102*2										●		0.2
060104*2										●		0.4

Parts

Clamp	Bolt	Nut	Wrench	Applicable Holder
	BH0306	BNBW-2		BNB 508R
BNBC	FBUP3-AO-9	BNBW-4	TH020	BNB 510R
				BNB 512R
	BH0310	BNBW-7		BNB 516R
				BNB 520R

*1 TBMG ○○○○○-BSTN is only available in BNX20 grade and it has a smaller negative land angle (-15°) as compared to the B type (-25°).

*2 NF-TBMG is a single corner insert. (This is not a Full-Top insert)

Cutting Performance

