
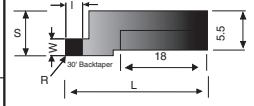
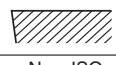


Cubic Boron Nitride (PCBN) Inserts

■ GROOVING INSERTS

BNGNT	Insert Hole											Dimensions (mm)									
	—																				
	No Breaker 	Full Tip			Multi Mid-Tip			Coated Mini-Tip				Mini-Tip		W	I	R	L	S			
Sumitomo Cat. No.	New ISO Cat. No.	BN250	BN300	BN500	BN600																
BNGNT0200L	-----	•															2.0	4.0	0.2	25.0	6.0
BNGNT0200R	-----	•	•	•													2.0	4.0	0.2	25.0	6.0
BNGNT0250L	-----	•															2.5	4.0	0.2	25.0	6.0
BNGNT0250R	-----	•	•	•													2.5	4.0	0.2	25.0	6.0
BNGNT0300L	-----	•															3.0	5.0	0.4	25.0	6.0
BNGNT0300R	-----	•	•	•													3.0	5.0	0.4	25.0	6.0
BNGNT0400L	-----	•															4.0	6.0	0.4	26.0	6.0
BNGNT0400R	-----	•	•	•													4.0	6.0	0.4	26.0	6.0
BNGNT0500L	-----	•															5.0	6.0	0.4	26.0	6.0
BNGNT0500R	-----	•	•	•													5.0	6.0	0.4	26.0	6.0
BNGNT0600L	-----	•															6.0	7.0	0.4	27.0	6.0
BNGNT0600R	-----	•	•	•													6.0	7.0	0.4	27.0	6.0

General Info


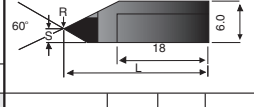
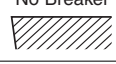
Negative Inserts

Positive Inserts

Ace-Fix Inserts

Threading, Grooving, & Cut-Off Inserts

■ THREADING INSERTS

BNTT	Insert Hole											Dimensions (mm)								
	—																			
	No Breaker 	Full Tip			Multi Mid-Tip			Coated Mini-Tip				Mini-Tip	Pitch	R	L	S				
Sumitomo Cat. No.	New ISO Cat. No.	BN250	BN600																	
BNTT1020R	-----	•	•														1.0 ~ 2.0	0.13	25.0	2.0
BNTT1530R	-----	•	•														1.5 ~ 3.0	0.20	25.0	2.0

Ceramic Inserts

PCBN & PCD Inserts

Toolholders

Swiss Toolholders

Boring Bars

Technical Info

ALMT

CBN Threading and Grooving Toolholders

General Info

Negative Inserts

Positive Inserts

Ace-Fix Inserts

Threading, Grooving, & Cut-Off Inserts

Ceramic Inserts

PCBN & PCD Inserts

Toolholders

Swiss Toolholders

Boring Bars

Technical Info

ALMT

BNGG Series Grooving

For External Grooving

Sumitomo Cat. No.	STK	Dimensions								
		R	L	W	H	L	S	D	h	∠
BNGGR/L160	•			1	1	6	1.25	9/32	1	.2

- For use in hard grooving with BNGNT type inserts.
- Extremely rigid design.
- Solves the chipping problems associated with vibration.
- **ANVIL SOLD SEPARATELY.**

BNGG Series Threading

For External Threading

Sumitomo Cat. No.	STK	Dimensions								
		R	L	W	H	L	S	D	h	∠
BNGGR/L160-TT	•			1	1	6	1.25	9/32	1	.2

- For use in hard threading with BNTT inserts.
- May apply various threading widths.
- **ANVIL SOLD SEPARATELY.**

Grooving Inserts

Insert	Grade							
	BN250		BN300		BN500		BN600	
	R	L	R	L	R	L	R	L
BNGNT0200R/L	•	•	•		•		•	
BNGNT0250R/L	•	•	•		•		•	
BNGNT0300R/L	•	•	•		•		•	
BNGNT0400R/L	•	•	•		•		•	
BNGNT0500R/L	•	•	•		•		•	
BNGNT0600R/L	•	•	•		•		•	

Note: BNGNT inserts can be made in special widths per individual requirements. When using a special width BNGNT insert, the anvil must be altered as well. Please contact the Engineering Department for more information.

* Grooving Anvil Additional Widths

* Grooving Anvil

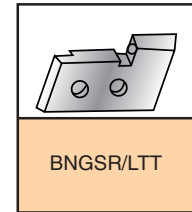
BNGSR/L200
BNGSR/L250
BNGSR/L300
BNGSR/L400
BNGSR/L500
BNGSR/L600

BNGSR/L150
BNGSR/L350
BNGSR/L450
BNGSR/L550

Threading Inserts

Insert	Grade	
	BN250/BN600	
	R	L
BNTT1020R/L	•	
BNTT1530R/L	•	

* Threading Anvil



Hardware for Holders

Holder	Clamp	Adjust. Screw	Spring	Screws	Wrenches
Cat. No.				(Clap Screw) BX0615 (Anvil Screw) BX0414	(Clap Wrench) LH050 (Anvil Wrench) LH030
BNGGR/L160	BNGCR/L	FMJ	GSP06		1.8 X 45

Note: Holders for threading or grooving are identical, even though they have different part numbers. You may substitute one holder for the other and all hardware items are interchangeable.

- * Holder and anvil assembly required
- * Anvil sold separately.