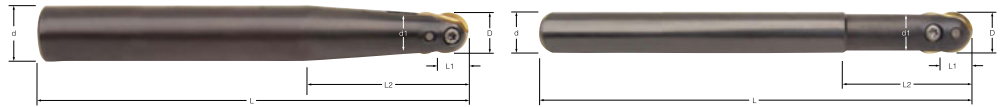


TN

SN

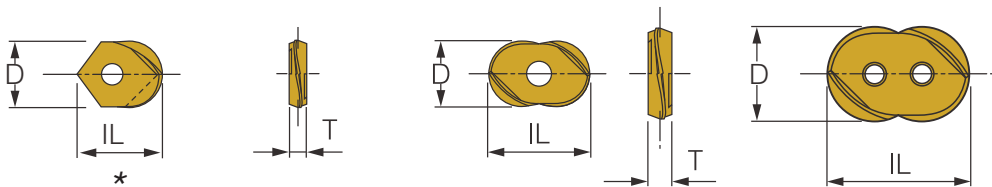


INCH SERIES

- Patented design
- Double sided indexable carbide ballnose insert
- Positive helicoidal flute configuration
- Free cutting geometry
- Higher Feeds and speeds
- Ideal for roughing and finishing
- Inserts are completely CNC ground for ultra precision

CATALOG NO.	D	l ₁	l ₂	L	d	d ₁	INSERT SCREWS		DRIVER
BNMI-0850-TN	0.250	0.225	2.28	5.0	0.500	0.220	SCS-6L	-	LT-7
BNMI-1050-TN	0.312	0.250	2.31	5.0	0.500	0.280	SCS-8L	-	
BNMI-1235-16SN	0.375	0.260	1.344	3.562	0.50	0.32	SCS-10L	-	FT-10
BNMI-1258-16TN		0.260	1.375	5.875	0.50	0.32	SCS-10L	-	
BNMI-1635-16SN	0.500	0.375	1.250	3.562	0.50	0.44	SCS-12L	-	
BNMI-1651-16SN		0.375	1.250	5.125	0.50	0.44	SCS-12L	-	
BNMI-1658-16SN		0.375	1.812	5.875	0.50	0.44	SCS-12L	-	
BNMI-1663-20TN		0.375	2.312	6.281	0.625	0.44	SCS-12L	-	
BNMI-2055-20SN	0.625	0.394	1.375	5.500	0.625	0.57	SCS-16L	SCS-16S	
BNMI-2063-20SN		0.394	2.000	6.281	0.625	0.57	SCS-16L	SCS-16S	
BNMI-2068-24TN		0.394	2.562	6.875	0.75	0.57	SCS-16L	SCS-16S	
BNMI-2445-24SN	0.750	0.512	1.750	4.500	0.75	0.68	SCS-20L	SCS-20S	
BNMI-2462-24SN		0.512	1.750	6.281	0.75	0.68	SCS-20L	SCS-20S	
BNMI-2467-24SN		0.512	2.375	6.750	0.75	0.68	SCS-20L	SCS-20S	
BNMI-2475-32TN		0.512	3.000	7.500	1.00	0.68	SCS-20L	SCS-20S	
BNMI-2482-24SN		0.512	2.375	8.250	0.75	0.68	SCS-20L	SCS-20S	
BNMI-2494-32TN		0.512	3.000	9.437	1.00	0.68	SCS-20L	SCS-20S	
BNMI-3262-32SN	1.000	0.642	1.750	9.281	1.00	0.90	SCS-25L	SCS-25S	FT-30
BNMI-3275-32SN		0.642	2.750	7.500	1.00	0.90	SCS-25L	SCS-25S	
BNMI-3282-40TN		0.642	3.875	8.250	1.25	0.90	SCS-25L	SCS-25S	
BNMI-3290-32SN		0.642	3.125	9.062	1.00	0.90	SCS-25L	SCS-25S	
BNMI-3294-40TN		0.642	3.875	9.437	1.25	0.90	SCS-25L	SCS-25S	
BNMI-4068-40SN	1.250	0.827	2.187	6.875	1.25	1.14	SCS-32L	SCS-32S	FT-30
BNMI-4082-40SN		0.827	3.125	8.250	1.25	1.14	SCS-32L	SCS-32S	
BNMI-4094-48TN		0.827	4.750	9.437	1.50	1.14	SCS-32L	SCS-32S	

CUTTING PARAMETERS
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ORDERING EXAMPLE

BNSI-0375 TI K20

INSERT DESIGNATION COATING GRADE

Ti = TiN
TC = TiCN
TA = TiAlN
SU = TiAlN SUPREME

MEGAMILL BALL INSERTS

INCH SERIES

INSERT NO.	D	IL	T	COATINGS			GRADES		
				TiN	TiCN	TiAlN	K-10	K-20	P30
BNSI-0250*	0.250	0.430	0.86	Ti	TC	TA	K-10	K-20	P30
BNSI-0312*	0.312	0.477	0.86	Ti	TC	TA	K-10	K-20	P30
BNSI-0375	0.375	0.520	0.118	Ti	TC	TA	K-10	K-20	P30
BNSI-0500	0.500	0.750	0.118	Ti	TC	TA	K-10	K-20	P30
BNSI-0625	0.625	0.940	0.157	Ti	TC	TA	K-10	K-20	P30
BNSI-0750	0.750	1.140	0.196	Ti	TC	TA	K-10	K-20	P30
BNSI-1000	1.000	1.455	0.236	Ti	TC	TA	K-10	K-20	P30
BNSI-1250	1.250	1.870	0.276	Ti	TC	TA	K-10	K-20	P30