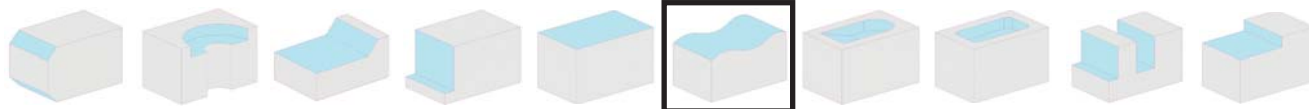
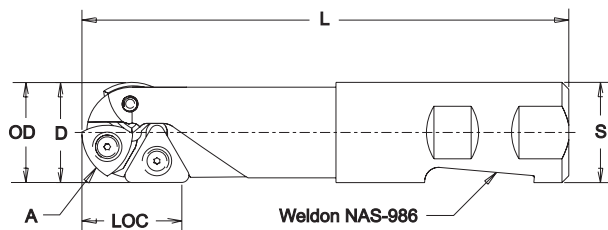
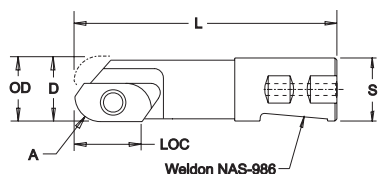


BNS Series

Round 



Ball Nose End Mills









- Ball Nose end mills larger than 0.88 dia. see 540 Series Ball Nose end mills in Cavity Mold Group

BNS Series - Dimensional Specifications

Product Number	D	OD	S	L	A	LOC	Insert	Teeth	Eff. Flutes	Weight
0.5BNSRW2	.500	.500	.500	3.00	Radii	0.66	LEEB-332-16	1	1	0.25
0.62BNSRW2.5	.625	.625	.625	3.50	Radii	0.71	LDEB-332-20	1	1	0.38
0.75BNSRWA3	.750	.750	.750	3.88	Radii	0.81	CTDCB-2.53-12 TDCB-2.532	2 1	1	0.50
0.88BNSRWA3.5	.875	.875	.875	4.25	Radii	0.88	CTDCB-32-14 TDCB-324	2 1	1	0.75

LEFT HAND cutters also available

Insert I.C. x Thickness						
	Insert Pg. 37	Insert Pg. 37	Insert Pg. 47	Insert Pg. 32	Torx® Screw	Insert Screw Wrench
.312 x .094			TDCB-2.532	CTDCB-2.53-12	3605-0001-0006	1557-TX10
.375 x .126		LDEB-332-20	TDCB-324	CTDCB-32-14	3605-0001-0007	1557-TX10
.375 x .126	LEEB-332-16				3605-0001-0013	1557-TX10

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Cast Iron, Class 30	350-850	.002-.005	GR LT-45	GR LTC-10
Tool Steel, D2	300-700	.003-.010	B Hone GR LT-40	B Hone GR LT-50
Ductile Iron	350-850	.002-.005	GR LT-40	GR LTC-14
Medium Alloy Steel	300-700	.002-.005	B Hone GR LT-40	B Hone GR LT-50
Tool Steel, P20	300-700	.003-.010	B Hone GR LT-40	B Hone GR LT-50

- Free cutting geometry performs on all workpiece materials
- Precision ground inserts minimize mismatch of peripheral cuts
- Multifunction BNS performs ramping, channeling, peripheral and plunging cuts
- Engineered for stability over a broad range of applications



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