XB Star 2 (≤60 HRC) LS

Ball Nose End Mills - Long Shank Series

Article No.	Dimension (mm)				
2 Flutes	Ø d1 h10	Ø d2 h6	L2	L1	AT-coated
XB4-SBM 2010 LS 75	R0.50	4	2	75	■
XB4-SBM 2015 LS 75	R0.75	4	3	75	■
XB4-SBM 2020 LS 75	R1.00	4	4	75	■
XB3-SBM 2030 LS 75	R1.50	3	6	75	■
XB4-SBM 2030 LS 75	R1.50	4	6	75	■
XB4-SBM 2040 LS 75	R2.00	4	8	75	■
XB4-SBM 2040 LS 100	R2.00	4	8	100	■
XB5-SBM 2050 LS 75	R2.50	5	10	75	■
XB5-SBM 2050 LS 100	R2.50	5	10	100	■
XB6-SBM 2020 LS 75	R1.00	6	4	75	■
XB6-SBM 2030 LS 75	R1.50	6	6	75	■
XB6-SBM 2040 LS 75	R2.00	6	8	75	■
XB6-SBM 2050 LS 75	R2.50	6	10	75	■
XB6-SBM 2060 LS 75	R3.00	6	12	75	■
XB6-SBM 2040 LS 100	R2.00	6	8	100	■
XB6-SBM 2050 LS 100	R2.50	6	10	100	■
XB6-SBM 2060 LS 100	R3.00	6	12	100	■
XB8-SBM 2080 LS 75	R4.00	8	16	75	■
XB8-SBM 2080 LS 100	R4.00	8	16	100	■
XB10-SBM 2100 LS 100	R5.00	10	20	100	■
XB10-SBM 2100 LS 150	R5.00	10	20	150	■
XB12-SBM 2120 LS 100	R6.00	12	24	100	■
XB12-SBM 2120 LS 150	R6.00	12	24	150	■
XB16-SBM 2160 LS 150	R8.00	16	32	150	■
XB20-SBM 2200 LS 150	R10.0	20	40	150	■

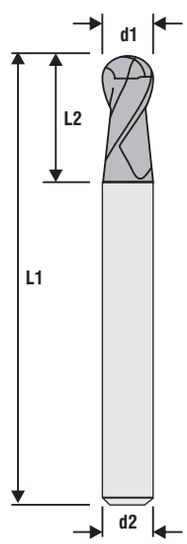
Steel	R_m<850	■
	R_m850-1300	■
	R_m1300-1500	■
M	Stainless Steel	□
K	Cast Iron	■
N	Copper	□
S	Titanium	■
Hardened Steel	HRC 48-55	■
	HRC 56-60	■
	HRC>65	

LS SERIES

AT COATING

λ 30°

SMG 0.4µm



Tolerance

Diameter	Range
1≤d<8	0 / -0.02
8≤d<18	0 / -0.03
20≤d	0 / -0.04

■ Available ex stock / subject to prior sale
SMG - Super-Fine Micron Grade
LS - Long Shank for deep reach moulds and dies