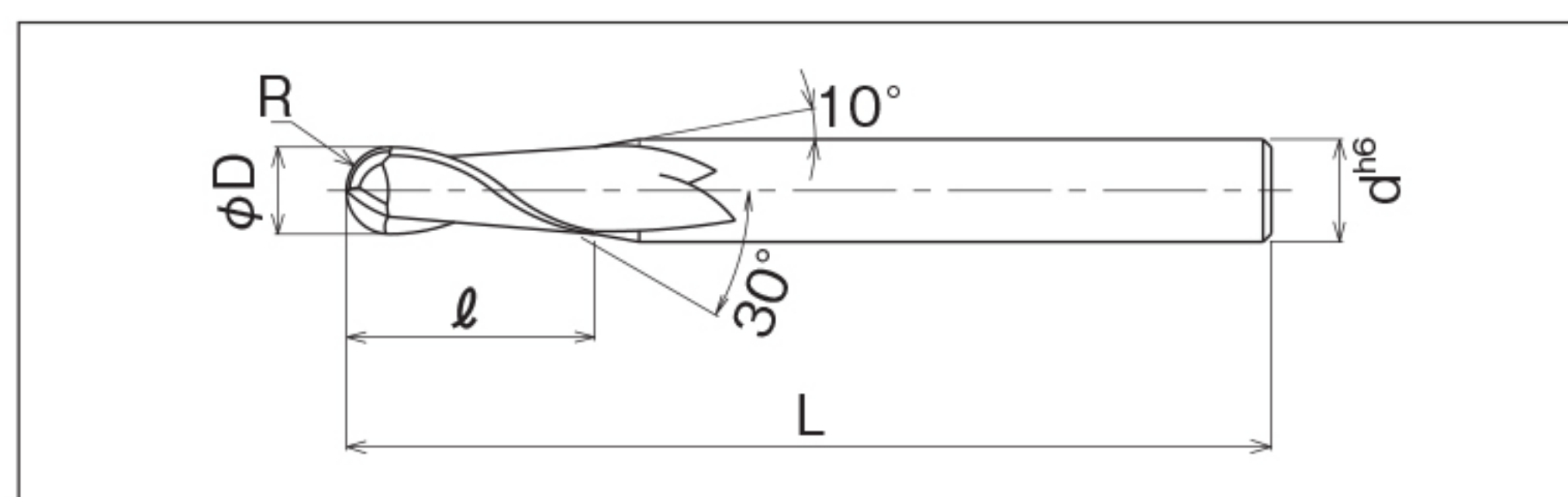


2枚刃 ボールエンドミル

2-Flute Ball End Mill

ABES-2



■ 一般鋼材から非鉄、樹脂まで幅広い適用が可能です。

Wide application available in work materials, from general steel to non-ferrous and resin.

■ ノンコートของシャープな切れ味が高精度、高品位な仕上げ面を実現します。

Uncoated sharp cutting edge realize high precision and fine surface finish.

外径公差：+0/−0.02 R公差：±0.01

φD Tolerance

R Tolerance



単位 Unit : mm

型番 CODE NUMBER	R	径 φD	刃長 ℓ	全長 L	シャンク d	定価 ¥
ABES-20100	0.5	1.0	3	40	4	
ABES-20110	0.55	1.1	3	40	4	
ABES-20120	0.6	1.2	3	40	4	
ABES-20130	0.65	1.3	3	40	4	
ABES-20140	0.7	1.4	3	40	4	
ABES-20150	0.75	1.5	5	40	4	
ABES-20160	0.8	1.6	5	40	4	
ABES-20170	0.85	1.7	5	40	4	
ABES-20180	0.9	1.8	5	40	4	
ABES-20190	0.95	1.9	5	40	4	
ABES-20200	1	2.0	6	40	4	
ABES-20210	1.05	2.1	6	40	4	
ABES-20220	1.1	2.2	6	40	4	
ABES-20230	1.15	2.3	6	40	4	
ABES-20240	1.2	2.4	6	40	4	
ABES-20250	1.25	2.5	8	40	4	
ABES-20260	1.3	2.6	8	40	4	
ABES-20270	1.35	2.7	8	40	4	
ABES-20280	1.4	2.8	8	40	4	
ABES-20290	1.45	2.9	8	40	4	
ABES-20300	1.5	3.0	8	45	4	
ABES-20310	1.55	3.1	8	45	4	
ABES-20320	1.6	3.2	8	45	4	
ABES-20330	1.65	3.3	8	45	4	
ABES-20340	1.7	3.4	8	45	4	
ABES-20350	1.75	3.5	10	45	4	
ABES-20360	1.8	3.6	10	45	4	

型番 CODE NUMBER	R	径 φD	刃長 ℓ	全長 L	シャンク d	定価 ¥
ABES-20370	1.85	3.7	10	45	4	
ABES-20380	1.9	3.8	10	45	4	
ABES-20390	1.95	3.9	10	45	4	
ABES-20400	2	4.0	12	45	6	
ABES-20410	2.05	4.1	12	45	6	
ABES-20420	2.1	4.2	12	45	6	
ABES-20430	2.15	4.3	12	45	6	
ABES-20440	2.2	4.4	12	45	6	
ABES-20450	2.25	4.5	12	45	6	
ABES-20460	2.3	4.6	12	45	6	
ABES-20470	2.35	4.7	12	45	6	
ABES-20480	2.4	4.8	12	45	6	
ABES-20490	2.45	4.9	12	45	6	
ABES-20500	2.5	5.0	15	60	6	
ABES-20510	2.55	5.1	15	60	6	
ABES-20520	2.6	5.2	15	60	6	
ABES-20530	2.65	5.3	15	60	6	
ABES-20540	2.7	5.4	15	60	6	
ABES-20550	2.75	5.5	15	60	6	
ABES-20560	2.8	5.6	15	60	6	
ABES-20570	2.85	5.7	15	60	6	
ABES-20580	2.9	5.8	15	60	6	
ABES-20590	2.95	5.9	15	60	6	
ABES-20600	3	6.0	15	60	6	
ABES-20610	3.05	6.1	15	60	6	
ABES-20620	3.1	6.2	15	60	6	
ABES-20630	3.15	6.3	15	60	6	

Next

ABES-2 2枚刃 ボールエンドミル

単位 Unit : mm

型番 CODE NUMBER	R	径 φD	刃長 ℓ	全長 L	シャンク d	定価 ¥
ABES-20635	3.175	6.35	15	60	6	
ABES-20640	3.2	6.4	15	60	6	
ABES-20650	3.25	6.5	15	60	6	
ABES-20660	3.3	6.6	15	60	6	
ABES-20670	3.35	6.7	15	60	6	
ABES-20680	3.4	6.8	15	60	6	
ABES-20690	3.45	6.9	15	60	6	
ABES-20700	3.5	7.0	20	60	8	
ABES-20710	3.55	7.1	20	60	8	
ABES-20720	3.6	7.2	20	60	8	
ABES-20730	3.65	7.3	20	60	8	
ABES-20740	3.7	7.4	20	60	8	
ABES-20750	3.75	7.5	20	60	8	
ABES-20760	3.8	7.6	20	60	8	
ABES-20770	3.85	7.7	20	60	8	
ABES-20780	3.9	7.8	20	60	8	
ABES-20790	3.95	7.9	20	60	8	
ABES-20800	4	8.0	20	60	8	
ABES-20810	4.05	8.1	20	60	8	
ABES-20820	4.1	8.2	20	60	8	
ABES-20830	4.15	8.3	20	60	8	
ABES-20840	4.2	8.4	20	60	8	
ABES-20850	4.25	8.5	20	60	8	
ABES-20860	4.3	8.6	20	60	8	
ABES-20870	4.35	8.7	20	60	8	
ABES-20880	4.4	8.8	20	60	8	
ABES-20890	4.45	8.9	20	60	8	
ABES-20900	4.5	9.0	20	70	10	
ABES-20910	4.55	9.1	20	70	10	
ABES-20920	4.6	9.2	20	70	10	
ABES-20930	4.65	9.3	20	70	10	
ABES-20940	4.7	9.4	20	70	10	
ABES-20950	4.75	9.5	20	70	10	
ABES-20960	4.8	9.6	20	70	10	
ABES-20970	4.85	9.7	20	70	10	
ABES-20980	4.9	9.8	20	70	10	
ABES-20990	4.95	9.9	20	70	10	
ABES-21000	5	10.0	25	70	10	
ABES-21010	5.05	10.1	25	70	10	
ABES-21020	5.1	10.2	25	70	10	
ABES-21030	5.15	10.3	25	70	10	
ABES-21040	5.2	10.4	25	70	10	
ABES-21050	5.25	10.5	25	70	10	
ABES-21060	5.3	10.6	25	70	10	

型番 CODE NUMBER	R	径 φD	刃長 ℓ	全長 L	シャンク d	定価 ¥
ABES-21070	5.35	10.7	25	70	10	
ABES-21080	5.4	10.8	25	70	10	
ABES-21090	5.45	10.9	25	70	10	
ABES-21100	5.5	11.0	25	75	12	
ABES-21110	5.55	11.1	25	75	12	
ABES-21120	5.6	11.2	25	75	12	
ABES-21130	5.65	11.3	25	75	12	
ABES-21140	5.7	11.4	25	75	12	
ABES-21150	5.75	11.5	25	75	12	
ABES-21160	5.8	11.6	25	75	12	
ABES-21170	5.85	11.7	25	75	12	
ABES-21180	5.9	11.8	25	75	12	
ABES-21190	5.95	11.9	25	75	12	
ABES-21200	6	12.0	25	75	12	
ABES-21210	6.05	12.1	25	75	12	
ABES-21220	6.1	12.2	25	75	12	
ABES-21230	6.15	12.3	25	75	12	
ABES-21240	6.2	12.4	25	75	12	
ABES-21250	6.25	12.5	25	75	12	
ABES-21260	6.3	12.6	25	75	12	
ABES-21270	6.35	12.7	25	75	12	
ABES-21280	6.4	12.8	25	75	12	
ABES-21290	6.45	12.9	25	75	12	
ABES-21300	6.5	13.0	30	80	12	
ABES-21350	6.75	13.5	30	80	12	
ABES-21360	6.8	13.6	30	80	12	
ABES-21370	6.85	13.7	30	80	12	
ABES-21380	6.9	13.8	30	80	12	
ABES-21390	6.95	13.9	30	80	12	
ABES-21400	7	14.0	30	90	16	
ABES-21410	7.05	14.1	30	90	16	
ABES-21420	7.1	14.2	30	90	16	
ABES-21430	7.15	14.3	30	90	16	
ABES-21440	7.2	14.4	30	90	16	
ABES-21450	7.25	14.5	30	90	16	
ABES-21460	7.3	14.6	30	90	16	
ABES-21470	7.35	14.7	30	90	16	
ABES-21480	7.4	14.8	30	90	16	
ABES-21490	7.45	14.9	30	90	16	
ABES-21500	7.5	15.0	30	90	16	
ABES-21510	7.55	15.1	30	90	16	
ABES-21520	7.6	15.2	30	90	16	
ABES-21530	7.65	15.3	30	90	16	
ABES-21540	7.7	15.4	30	90	16	