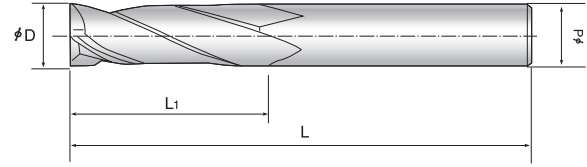
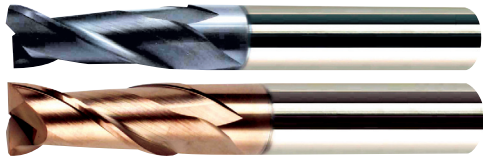


# BYE 2000

## 2날 스퀘어 엔드밀

### SQUARE END MILLS (2 FLUTES)

- ◆ TiSiN 코팅 적용으로 절삭저항 최소화되며 내마모성이 우수함
- ◆ HRc50 이하 소재 및 프리하든강, 합금강, 탄소강 등 다양한 피삭재 영역에 적용 가능
- ◆ 고정밀, 절삭성 및 가공성이 우수한 날부 edge 형상 채택
- ◆ Excellent wear-resistance and minimum cutting resistance due to TiSiN coating
- ◆ Suitable for various workpieces such as prehardened, alloy, and carbon steels, as well as materials below HRc50
- ◆ Adopt excellent cutting edge geometry with high precision, cutting performance, and machinability



모델번호	직 경	날 장	전 장	생크 경
Model No.	Diameter of Mill	Length of cut	Overall Length	Shank Diameter
	∅D	L <sub>1</sub>	L	∅ d(h6)
BYE 20005	0.05	0.1	40	4
BYE 20006	0.06	0.1	40	4
BYE 20007	0.07	0.1	40	4
BYE 20008	0.08	0.15	40	4
BYE 20009	0.09	0.15	40	4
BYE 2001	0.1	0.15	40	4
BYE 2002	0.2	0.3	40	4
BYE 2003	0.3	0.4	40	4
BYE 2004	0.4	0.6	40	4
BYE 2005	0.5	1	45	4
BYE 2006	0.6	1.2	45	4
BYE 2007	0.7	1.4	45	4
BYE 2008	0.8	1.6	45	4
BYE 2009	0.9	2	45	4
BYE 2010	1.0	3	45	6
BYE 2012	1.2	4	45	6
BYE 2015	1.5	4	45	6

BY-007

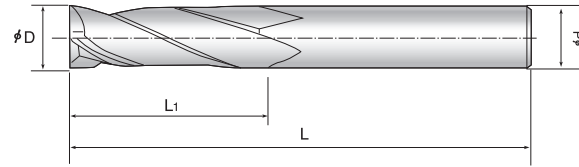
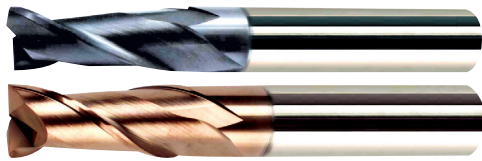
SQUARE SERIES

# BYE 2000

## 2날 스퀘어 엔드밀

### SQUARE END MILLS (2 FLUTES)

- ◆ TiSiN 코팅 적용으로 절삭저항 최소화되며 내마모성이 우수함
- ◆ HRC50 이하 소재 및 프리하든강, 합금강, 탄소강 등 다양한 피삭재 영역에 적용 가능
- ◆ 고정밀, 절삭성 및 가공성이 우수한 날부 edge 형상 채택
- ◆ Excellent wear-resistance and minimum cutting resistance due to TiSiN coating
- ◆ Suitable for various workpieces such as prehardened, alloy, and carbon steels, as well as materials below HRC50
- ◆ Adopt excellent cutting edge geometry with high precision, cutting performance, and machinability



모델번호	직 경	날 장	전 장	생크 경
Model No.	Diameter of Mill	Length of cut	Overall Length	Shank Diameter
	∅D	L <sub>1</sub>	L	∅d(h6)
BYE 2020	2.0	6	45	6
BYE 2025	2.5	8	50	6
BYE 2030	3.0	10	50	6
BYE 2035	3.5	10	50	6
BYE 2040-S4	4.0	10	50	4
BYE 2040	4.0	12	55	6
BYE 2050	5.0	15	55	6
BYE 2060	6.0	15	55	6
BYE 2070	7.0	20	65	8
BYE 2080	8.0	20	65	8
BYE 2090	9.0	25	70	10
BYE 2100	10.0	25	70	10
BYE 2120	12.0	30	80	12
BYE 2140	14.0	40	100	16
BYE 2160	16.0	45	100	16
BYE 2180	18.0	50	110	18
BYE 2200	20.0	50	110	20

BY-007

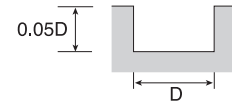
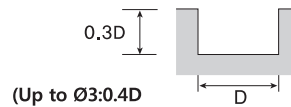
SQUARE SERIES



# BYRE Series

## 2날 롱넥 스퀘어-Slotting

MATERIAL	NON-ALLOYED STEELS ALLOY STEELS CAST IRON		ALLOY STEELS HEAT RESISTANT STEELS			
	~HRc 30		HRc 30 ~ HRc 45		HRc 45 ~ HRc 55	
	HARDNESS		RPM	FEED	RPM	FEED
DIAMETER			RPM	FEED	RPM	FEED
0.1			45000	23	45000	23
0.2			45000	41	45000	27
0.3			45000	61	36000	27
0.4			34200	61	27000	27
0.5			27000	61	21600	27
0.6			22500	63	18000	27
0.7			19350	63	15300	27
0.8			17100	63	13500	27
0.9			15120	63	11700	27
1.0			13500	63	10800	27
2.0			6804	63	5445	27
3.0			4761	77	3852	32
4.0			3852	90	3069	36



RPM = rev/min  
Feed = mm/min



# BYE 2000, BYEL 2000 Series

## 2날 스퀘어-Slotting

MATERIAL	NON-ALLOYED STEELS ALLOY STEELS CAST IRON		ALLOY STEELS HEAT RESISTANT STEELS		HARDENED STEELS			
	~HRc 30		HRc 30 ~HRc 45		HRc 45 ~HRc 55		HRc 55 ~HRc 65	
	HARDNESS		RPM	FEED	RPM	FEED	RPM	FEED
DIAMETER			RPM	FEED	RPM	FEED	RPM	FEED
0.1			45000	45	45000	31.5	45000	23
0.2			45000	90	45000	63	40500	41
0.3			45000	135	36000	81	27000	45
0.4			41400	171	27000	81	20700	45
0.5			31500	162	26100	90	19800	50
0.6			27450	162	24300	117	18900	54
0.7			23850	171	23400	135	18000	59
0.8			20700	171	21600	135	16200	59
0.9			18450	171	19800	135	14850	63
1.0			16650	171	18000	144	13500	68
2.0			8325	171	5445	108	3627	32
3.0			6435	189	4005	126	2421	36
4.0			5445	270	3330	162	2115	36
5.0			4545	288	2718	171	1674	45
6.0			4005	315	2421	198	1440	50
8.0			3024	342	1818	180	1215	68
10.0			2340	297	1440	144	981	54
12.0			1980	252	1215	117	837	50
16.0			1584	198	981	99	648	36
20.0			1215	153	765	72	495	27