

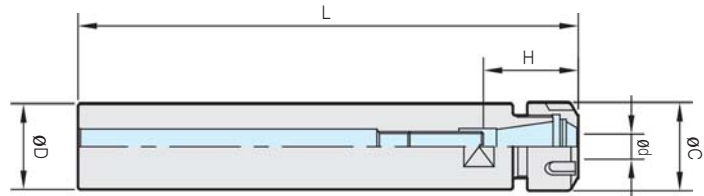
STRAIGHT ER COLLET CHUCK (MILLING)

Coolant-through hole

Clamping Range : $\phi 0.5 \sim \phi 20.0$

CODE No.

ST32	ER20	150
Shank	ER Collet Size	Length

**PRODUCT INFORMATION**

- 안정적인 정밀도와 파지력
- 쉽고빠른 공구교환
- 드릴, 앤트밀, 탭 다양한 사용범위
- Reliable accuracy and Powerful clamping force.
- Easy and quick tool exchange.
- ER COLLET CHUCK is suitable for a various operation using drill, endmill, tap.

Code No.	ød	øD	L	øC	H		Collet	Weight (kg)
					Min	Max		
ST16 - ER11 - 120	0,5~7,0	16	120	19	19	34	ER11	0,2
ER16 - 150	0,5~10,0		150	28	23	43	ER16	0,2
ST20 - ER16 - 150	0,5~10,0	20	150	28	23	43	ER16	0,3
ER20 - 150	1,0~13,0			35	25	48	ER20	0,3
ST25 - ER16 - 150	0,5~10,0	25	150	28	23	43	ER16	0,5
ER20 - 150	1,0~13,0			35	25	48	ER20	0,5
ER25 - 150	1,0~16,0			42	34	54	ER25	0,6
ST32 - ER20 - 150	1,0~13,0	32	150	35	25	48	ER20	0,7
ER25 - 150	1,0~16,0			42	34	54	ER25	0,7
ER32 - 165	2,0~20,0		165	50	40	60	ER32	0,8
- 300		300	1,2					

- ▶ 내부급유 사용시에는 방수형콜릿이나 방수형 너트를 사용 해주십시오.
- ▶ ER콜릿은 P146
- ▶ 스패너는 별매입니다. P157
- ▶ Please use waterproof collet and waterproof nut for operating centre through coolant type.
- ▶ ER COLLET is referred. P146
- ▶ Spanner is ordered separately. P157

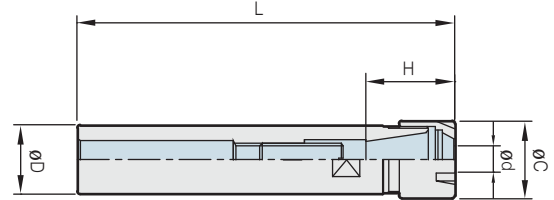
STRAIGHT SLIM ER COLLET CHUCK (MILLING)

Coolant-through hole

Clamping Range : $\phi 0.5 \sim \phi 16.0$

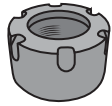
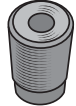
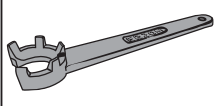
CODE No.

ST25	ER16	M	105
Shank	ER Collet Size	Slim	Length

**PRODUCT INFORMATION**

- 좁고 깊은 곳에 적합
- 뛰어난 정밀도와 파지력
- 척킹 범위 $\phi 0.5\text{mm} \sim \phi 16.0\text{mm}$
- Narrow and depth operation.
- High accuracy and powerful clamping force.
- Chucking Dia $\phi 0.5\text{mm} \sim \phi 16.0\text{mm}$.

Code No.	ϕd	ϕD	L	ϕC	H		Collet	Weight (kg)
					Min	Max		
ST16 - ER11M - 170	0.5~7.0	16	170	16	19	34	ER11	0.2
ST20 - ER16M - 180			180	22	23	43	ER16	0.3
- 250			250	22	23	43	ER16	0.4
ER20M - 180	1.0~13.0	20	180	28	25	48	ER20	0.3
- 250			250	28	25	48	ER20	0.4
ST25 - ER16M - 180	0.5~10.0	25	180	22	23	43	ER16	0.4
- 250			250	22	23	43	ER16	0.6
ER20M - 185	1.0~13.0	25	185	28	25	48	ER20	0.6
- 250			250	28	25	48	ER20	0.8
ST32 - ER20M - 200	1.0~13.0	32	200	28	25	48	ER20	1.0
- 300			300	28	25	48	ER20	1.3
ER25M - 200	1.0~16.0	32	200	35	34	54	ER25	1.0
- 300			300	35	34	54	ER25	1.3

Type	Spare Parts			
	Basic		Option	
	NUT	Adjust Screw	Spanner	Collet
ER11M				
ER16M	SM/ER16M	BTD0716-C	ER11M-SP	ER11- ϕ
ER20M	SM/ER16M	BTD1025-C	ER16M-SP	ER16- ϕ
ER25M	SM/ER20M	BTD1325-C	ER20M-SP	ER20- ϕ
	SM/ER25M	BTD1830-C	ER25M-SP	ER25- ϕ

- ▶ ER콜릿은 P146
- ▶ 스패너는 별매입니다.

- ▶ ER COLLET is referred. P146
- ▶ Spanner is ordered separately.