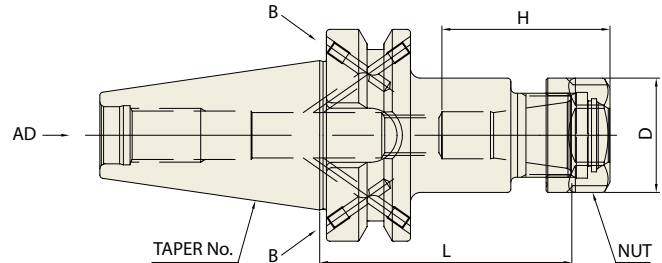


ER COLLET CHUCK

ER

FRÄSERSPANNFUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

JIS B6339
- BTTaper
Accuracy
AT3G Value
2.5RPM
25,000Coolant
System
AD or AD/B

JIS B6339/MAS 403-BT

Unit : mm

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
30	BT30-ER11-70	P2776501A	0.5 - 7.0	70	19	45	ER11	0.50
	BT30-ER11-100	P2776502A	0.5 - 7.0	100	19	45	ER11	0.50
	BT30-ER16-70	P2776503A	0.5 - 10.0	70	28	45	ER16	1.00
	BT30-ER16-100	P2776506A	0.5 - 10.0	100	28	45	ER16	1.10
	BT30-ER20-80	P2776507A	0.5 - 13.0	80	34	50	ER20	1.20
	BT30-ER20-100	P2776508A	0.5 - 13.0	100	34	50	ER20	1.30
	BT30-ER25-70	P2776509A	1.0 - 16.0	70	42	65	ER25	1.20
	BT30-ER25-100	P2776510A	1.0 - 16.0	100	42	65	ER25	1.30
	BT30-ER32-60	P2776511A	1.0 - 20.0	60	50	65	ER32	1.40
	BT30-ER32-90	P2776512A	1.0 - 20.0	90	50	65	ER32	1.90
40	BT40AD/B-ER11-75	P2776513	0.5 - 7.0	75	19	45	ER11	1.00
	BT40AD/B-ER11-100	P2776514	0.5 - 7.0	100	19	45	ER11	1.10
	BT40AD/B-ER16-75	P2776504	0.5 - 10.0	75	28	45	ER16	1.10
	BT40AD/B-ER16-100	P2553021	0.5 - 10.0	100	28	45	ER16	1.20
	BT40AD/B-ER16-120	P2776515	0.5 - 10.0	120	28	45	ER16	1.40
	BT40AD/B-ER20-75	P2776516	0.5 - 13.0	75	34	50	ER20	1.40
	BT40AD/B-ER20-100	P2553017	0.5 - 13.0	100	34	50	ER20	1.80
	BT40AD/B-ER20-135	P2776517	0.5 - 13.0	135	34	50	ER20	2.20
	BT40AD/B-ER25-75	P2600012	1.0 - 16.0	75	42	65	ER25	1.40
	BT40AD/B-ER25-100	P2553018	1.0 - 16.0	100	42	65	ER25	1.80
	BT40AD/B-ER25-135	P2776518	1.0 - 16.0	135	42	65	ER25	2.20
	BT40AD/B-ER25-150	P2776519	1.0 - 16.0	150	42	65	ER25	2.40
	BT40AD/B-ER32-60	P2553501	1.0 - 20.0	60	50	65	ER32	1.80
	BT40AD/B-ER32-100	P2776505	1.0 - 20.0	100	50	65	ER32	2.20

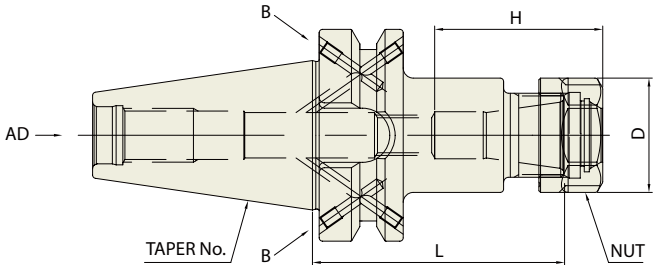
- ▶ CAT(ANSI B5.50) taper and Inch type products are available.
- ▶ For applicable ER collet, please refer to page 95~99.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page 100~104.

ER COLLET CHUCK

ER COLLET CHUCK

ER

FRÄSERSPANNFUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



JIS B6339 - BT	Taper Accuracy AT3	G Value 2.5	RPM 25,000	Coolant System AD/B
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JIS B6339/MAS 403-BT

Unit : mm

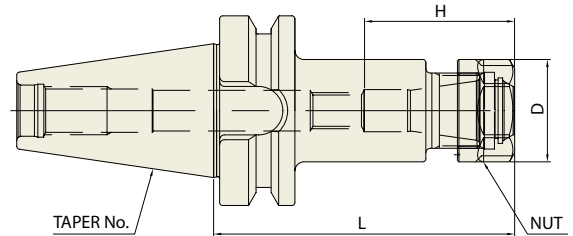
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
50	BT50AD/B-ER16-100	P2776522	0.5 - 10.0	100	28	45	ER16	4.20
	BT50AD/B-ER16-120	P2776523	0.5 - 10.0	120	28	45	ER16	4.40
	BT50AD/B-ER16-165	P2776524	0.5 - 10.0	165	28	45	ER16	4.60
	BT50AD/B-ER20-100	P2776525	0.5 - 13.0	100	34	50	ER20	4.60
	BT50AD/B-ER20-135	P2776526	0.5 - 13.0	135	34	50	ER20	4.80
	BT50AD/B-ER20-165	P2776527	0.5 - 13.0	165	34	50	ER20	5.00
	BT50AD/B-ER25-100	P2776528	1.0 - 16.0	100	42	65	ER25	4.70
	BT50AD/B-ER25-135	P2776529	1.0 - 16.0	135	42	65	ER25	4.80
	BT50AD/B-ER25-165	P2776530	1.0 - 16.0	165	42	65	ER25	5.00
	BT50AD/B-ER32-100	P2600026	1.0 - 20.0	100	50	65	ER32	5.20
	BT50AD/B-ER32-135	P2776531	1.0 - 20.0	135	50	65	ER32	5.70
	BT50AD/B-ER32-165	P2776532	1.0 - 20.0	165	50	65	ER32	5.80
	BT50AD/B-ER40-100	P2600027	2.0 - 30.0	100	63	75	ER40	5.60
	BT50AD/B-ER40-150	P2776533	2.0 - 30.0	150	63	75	ER40	6.10
	BT50AD/B-ER50-100	P2776534	4.0 - 34.0	100	78	85	ER50	5.80
	BT50AD/B-ER50-150	P2776535	4.0 - 34.0	150	78	85	ER50	6.30

- ▶ CAT(ANSI B5.50) taper and Inch type products are available.
- ▶ For applicable ER collet, please refer to page 95~99.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page 100~104.

ER COLLET CHUCK

ER

FRÄSERSPANNFUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER

JIS B6339
- BTTaper
Accuracy
AT3G Value
6.3RPM
15,000Coolant
System
AD

■ JIS B6339/MAS 403-BT

Unit : mm

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
30	BT30-ER11-70	P2772107	0.5 - 7.0	70	19	45	ER11	0.50
	BT30-ER11-100	P2772108	0.5 - 7.0	100	19	45	ER11	0.50
	BT30-ER16-70	P2772109	0.5 - 10.0	70	28	45	ER16	1.00
	BT30-ER16-100	P2772110	0.5 - 10.0	100	28	45	ER16	1.10
	BT30-ER20-80	P2772111	0.5 - 13.0	80	34	50	ER20	1.20
	BT30-ER20-100	P2772112	0.5 - 13.0	100	34	50	ER20	1.30
	BT30-ER25-70	P2772106	1.0 - 16.0	70	42	65	ER25	1.20
	BT30-ER25-100	P2772113	1.0 - 16.0	100	42	65	ER25	1.30
	BT30-ER32-60	P2772144	1.0 - 20.0	60	50	65	ER32	1.40
	BT30-ER32-90	P2772115	1.0 - 20.0	90	50	65	ER32	1.90
40	BT40-ER11-75	P2772116	0.5 - 7.0	75	19	45	ER11	1.00
	BT40-ER11-100	P2772117	0.5 - 7.0	100	19	45	ER11	1.10
	BT40-ER16-75	P2772101	0.5 - 10.0	75	28	45	ER16	1.10
	BT40-ER16-100	P2772118	0.5 - 10.0	100	28	45	ER16	1.20
	BT40-ER16-120	P2772119	0.5 - 10.0	120	28	45	ER16	1.40
	BT40-ER20-75	P2772102	0.5 - 13.0	75	34	50	ER20	1.40
	BT40-ER20-100	P2772120	0.5 - 13.0	100	34	50	ER20	1.80
	BT40-ER20-135	P2772121	0.5 - 13.0	135	34	50	ER20	2.20
	BT40-ER25-75	P2772103	1.0 - 16.0	75	42	65	ER25	1.40
	BT40-ER25-100	P2772122	1.0 - 16.0	100	42	65	ER25	1.80
	BT40-ER25-135	P2772123	1.0 - 16.0	135	42	65	ER25	2.20
	BT40-ER25-150	P2772124	1.0 - 16.0	150	42	65	ER25	2.40
	BT40-ER32-60	P2772104	1.0 - 20.0	60	50	65	ER32	1.80
	BT40-ER32-100	P2772125	1.0 - 20.0	100	50	65	ER32	2.20
	BT40-ER32-120	P2772105	1.0 - 20.0	120	50	65	ER32	2.40
	BT40-ER32-150	P2772126	1.0 - 20.0	150	50	65	ER32	2.60
	BT40-ER40-80	P2772127	2.0 - 30.0	80	63	75	ER40	1.50

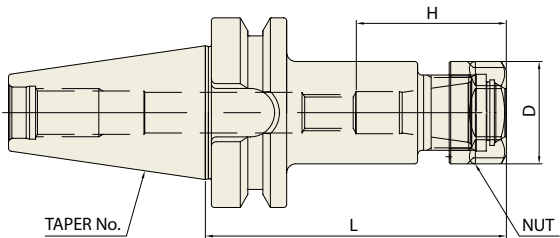
- ▶ CAT(ANSI B5.50) taper and Inch type products are available.
- ▶ For applicable ER collet, please refer to page 95~99.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page 100~104.

ER COLLET CHUCK

ER COLLET CHUCK

ER

FRÄSERSPANNFUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



JIS B6339/MAS 403-BT

JIS B6339 - BT	Taper Accuracy AT3	G Value 6.3	RPM 15,000	Coolant System AD
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Unit : mm

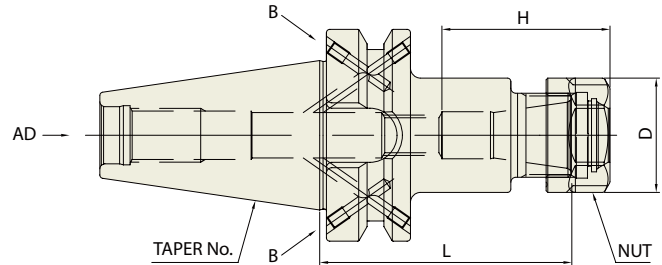
TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
50	BT50-ER16-100	P2772128	0.5 - 10.0	100	28	45	ER16	4.20
	BT50-ER16-120	P2772129	0.5 - 10.0	120	28	45	ER16	4.40
	BT50-ER16-165	P2772130	0.5 - 10.0	165	28	45	ER16	4.60
	BT50-ER20-100	P2772131	0.5 - 13.0	100	34	50	ER20	4.60
	BT50-ER20-135	P2772132	0.5 - 13.0	135	34	50	ER20	4.80
	BT50-ER20-165	P2772133	0.5 - 13.0	165	34	50	ER20	5.00
	BT50-ER25-100	P2772134	1.0 - 16.0	100	42	65	ER25	4.70
	BT50-ER25-135	P2772135	1.0 - 16.0	135	42	65	ER25	4.80
	BT50-ER25-165	P2772136	1.0 - 16.0	165	42	65	ER25	5.00
	BT50-ER32-100	P2772137	1.0 - 20.0	100	50	65	ER32	5.20
	BT50-ER32-135	P2772138	1.0 - 20.0	135	50	65	ER32	5.70
	BT50-ER32-165	P2772139	1.0 - 20.0	165	50	65	ER32	5.80
	BT50-ER40-100	P2772140	2.0 - 30.0	100	63	75	ER40	5.60
	BT50-ER40-150	P2772141	2.0 - 30.0	150	63	75	ER40	6.10
	BT50-ER50-100	P2772142	4.0 - 34.0	100	78	85	ER50	5.80
	BT50-ER50-150	P2772143	4.0 - 34.0	150	78	85	ER50	6.30

- ▶ CAT(ANSI B5.50) taper and Inch type products are available.
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- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page 100~104.

ER COLLET CHUCK

ER

FRÄSERSPANNFUTTER - ER
MANDRIN À PINCES - ER
MANDRINO PORTA PINZE - ER
PORTAPINZAS - ER



JIS B6339 - BT	Taper Accuracy AT3	G Value 6.3	RPM 15,000	Coolant System AD/B
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JIS B6339/MAS 403-BT

Unit : mm

TAPER No.	MODEL No.	EDP No.	CLAMPING RANGE	L	D	H	NUT / COLLET	WEIGHT (Kg)
40	BT40AD/B-ER11-75	P2776551	0.5 - 7.0	75	19	45	ER11	1.00
	BT40AD/B-ER11-100	P2776552	0.5 - 7.0	100	19	45	ER11	1.10
	BT40AD/B-ER16-75	P2776553	0.5 - 10.0	75	28	45	ER16	1.10
	BT40AD/B-ER16-100	P2776554	0.5 - 10.0	100	28	45	ER16	1.20
	BT40AD/B-ER16-120	P2776555	0.5 - 10.0	120	28	45	ER16	1.40
	BT40AD/B-ER20-75	P2776556	0.5 - 13.0	75	34	50	ER20	1.40
	BT40AD/B-ER20-100	P2776557	0.5 - 13.0	100	34	50	ER20	1.80
	BT40AD/B-ER20-135	P2776558	0.5 - 13.0	135	34	50	ER20	2.20
	BT40AD/B-ER25-75	P2776559	1.0 - 16.0	75	42	65	ER25	1.40
	BT40AD/B-ER25-100	P2776560	1.0 - 16.0	100	42	65	ER25	1.80
	BT40AD/B-ER25-135	P2776561	1.0 - 16.0	135	42	65	ER25	2.20
	BT40AD/B-ER25-150	P2776562	1.0 - 16.0	150	42	65	ER25	2.40
	BT40AD/B-ER32-60	P2776563	1.0 - 20.0	60	50	65	ER32	1.80
	BT40AD/B-ER32-100	P2776564	1.0 - 20.0	100	50	65	ER32	2.20
50	BT50AD/B-ER16-100	P2776565	0.5 - 10.0	100	28	45	ER16	4.20
	BT50AD/B-ER16-120	P2776566	0.5 - 10.0	120	28	45	ER16	4.40
	BT50AD/B-ER16-165	P2776567	0.5 - 10.0	165	28	45	ER16	4.60
	BT50AD/B-ER20-100	P2776568	0.5 - 13.0	100	34	50	ER20	4.60
	BT50AD/B-ER20-135	P2776569	0.5 - 13.0	135	34	50	ER20	4.80
	BT50AD/B-ER20-165	P2776570	0.5 - 13.0	165	34	50	ER20	5.00
	BT50AD/B-ER25-100	P2776571	1.0 - 16.0	100	42	65	ER25	4.70
	BT50AD/B-ER25-135	P2776572	1.0 - 16.0	135	42	65	ER25	4.80
	BT50AD/B-ER25-165	P2776573	1.0 - 16.0	165	42	65	ER25	5.00
	BT50AD/B-ER32-100	P2776574	1.0 - 20.0	100	50	65	ER32	5.20
	BT50AD/B-ER32-135	P2776575	1.0 - 20.0	135	50	65	ER32	5.70
	BT50AD/B-ER32-165	P2776576	1.0 - 20.0	165	50	65	ER32	5.80
	BT50AD/B-ER40-100	P2776577	2.0 - 30.0	100	63	75	ER40	5.60
	BT50AD/B-ER40-150	P2776578	2.0 - 30.0	150	63	75	ER40	6.10
	BT50AD/B-ER50-100	P2776579	4.0 - 34.0	100	78	85	ER50	5.80
	BT50AD/B-ER50-150	P2776580	4.0 - 34.0	150	78	85	ER50	6.30

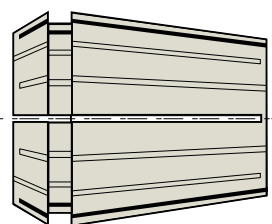
- ▶ CAT(ANSI B5.50) taper and Inch type products are available.
- ▶ For applicable ER collet, please refer to page 95~99.
- ▶ For applicable ER nut, Sealing disk and Spanner, please refer to page 100~104.

ER COLLET CHUCK

ER COLLET - GER (High Precision)

GER

ER SPANNZANGE - GER
ER PINCE DE SERRAGE - GER
ER PINZA DI SERRAGGIO - GER
ER PINZA PORTAPIEZAS - GER

* T.I.R : $\leq 0.005\text{mm}$ at 3D

Unit : mm

GER 8		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	108010	P2772557
1.5 - 1.0	108015	P2772558
2.0 - 1.5	108020	P2772559
2.5 - 2.0	108025	P2772560
3.0 - 2.5	108030	P2772561
3.5 - 3.0	108035	P2772562
4.0 - 3.5	108040	P2772563
4.5 - 4.0	108045	P2772564
5.0 - 4.5	108050	P2772565

GER 11		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	111010	P2772401
1.5 - 1.0	111015	P2772402
2.0 - 1.5	111020	P2772403
2.5 - 2.0	111025	P2772404
3.0 - 2.5	111030	P2772405
3.5 - 3.0	111035	P2772406
4.0 - 3.5	111040	P2772407
4.5 - 4.0	111045	P2772408
5.0 - 4.5	111050	P2772409
5.5 - 5.0	111055	P2772410
6.0 - 5.5	111060	P2772411
6.5 - 6.0	111065	P2772412
7.0 - 6.5	111070	P2772413

GER 16		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	116010	P2772414
2.0 - 1.0	116020	P2772415
3.0 - 2.0	116030	P2772416
4.0 - 3.0	116040	P2772417
5.0 - 4.0	116050	P2772418
6.0 - 5.0	116060	P2772419
7.0 - 6.0	116070	P2772420
8.0 - 7.0	116080	P2772421
9.0 - 8.0	116090	P2772422
10.0 - 9.0	116100	P2772423
1.5 - 1.0	116015	P2772424
2.5 - 2.0	116025	P2772425

GER 20		
CLAMPING RANGE	CODE No.	EDP No.
2.0 - 1.0	120020	P2772426
3.0 - 2.0	120030	P2772427
4.0 - 3.0	120040	P2772428
5.0 - 4.0	120050	P2772429
6.0 - 5.0	120060	P2772430
7.0 - 6.0	120070	P2772431
8.0 - 7.0	120080	P2772432
9.0 - 8.0	120090	P2772433
10.0 - 9.0	120100	P2772434
11.0 - 10.0	120110	P2772435
12.0 - 11.0	120120	P2772436
13.0 - 12.0	120130	P2772437
1.0 - 0.5	120010	P2772438
1.5 - 1.0	120015	P2772439
2.5 - 2.0	120025	P2772440

GER 25		
CLAMPING RANGE	CODE No.	EDP No.
2.0 - 1.0	125020	P2772441
3.0 - 2.0	125030	P2772442
4.0 - 3.0	125040	P2772443
5.0 - 4.0	125050	P2772444
6.0 - 5.0	125060	P2772445
7.0 - 6.0	125070	P2772446
8.0 - 7.0	125080	P2772447
9.0 - 8.0	125090	P2772448
10.0 - 9.0	125100	P2772449
11.0 - 10.0	125110	P2772450
12.0 - 11.0	125120	P2772451
13.0 - 12.0	125130	P2772452
14.0 - 13.0	125140	P2772453
15.0 - 14.0	125150	P2772454
16.0 - 15.0	125160	P2772455
1.0 - 1.5	125010	P2772456
1.5 - 1.0	125015	P2772457
2.5 - 2.0	125025	P2772458

GER 32		
CLAMPING RANGE	CODE No.	EDP No.
3.0 - 2.0	132030	P2772459
4.0 - 3.0	132040	P2772460
5.0 - 4.0	132050	P2772461
6.0 - 5.0	132060	P2772462
7.0 - 6.0	132070	P2772463
8.0 - 7.0	132080	P2772464
9.0 - 8.0	132090	P2772465
10.0 - 9.0	132100	P2772466
11.0 - 10.0	132110	P2772467
12.0 - 11.0	132120	P2772468
13.0 - 12.0	132130	P2772469
14.0 - 13.0	132140	P2772470
15.0 - 14.0	132150	P2772471
16.0 - 15.0	132160	P2772472
17.0 - 16.0	132170	P2772473
18.0 - 17.0	132180	P2772474
19.0 - 18.0	132190	P2772475
20.0 - 19.0	132200	P2772476
2.0 - 1.0	132020	P2772477
2.5 - 2.0	132025	P2772478

GER 40		
CLAMPING RANGE	CODE No.	EDP No.
4.0 - 3.0	140040	P2772479
5.0 - 4.0	140050	P2772480
6.0 - 5.0	140060	P2772481
7.0 - 6.0	140070	P2772482
8.0 - 7.0	140080	P2772483
9.0 - 8.0	140090	P2772484
10.0 - 9.0	140100	P2772485
11.0 - 10.0	140110	P2772486
12.0 - 11.0	140120	P2772487
13.0 - 12.0	140130	P2772488
14.0 - 13.0	140140	P2772489
15.0 - 14.0	140150	P2772490
16.0 - 15.0	140160	P2772491
17.0 - 16.0	140170	P2772492
18.0 - 17.0	140180	P2772493
19.0 - 18.0	140190	P2772494
20.0 - 19.0	140200	P2772495
21.0 - 20.0	140210	P2772496
22.0 - 21.0	140220	P2772497
23.0 - 22.0	140230	P2772498
24.0 - 23.0	140240	P2772499
25.0 - 24.0	140250	P2772500
26.0 - 25.0	140260	P2772551
3.0 - 2.0	140030	P2772552
27.0 - 26.0	140270	P2772553
28.0 - 27.0	140280	P2772554
29.0 - 28.0	140290	P2772555
30.0 - 29.0	140300	P2772556

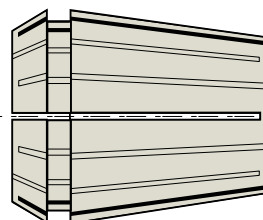
► Sealed collets available.

ER COLLET CHUCK

ER COLLET - UF

UF

ER SPANNZANGE - UF
ER PINCE DE SERRAGE - UF
ER PINZA DI SERRAGGIO - UF
ER PINZA PORTAPIEZAS - UF



Unit : mm

ER 8		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	208010	P2506292
1.5 - 1.0	208015	P2506293
2.0 - 1.5	208020	P2506294
2.5 - 2.0	208025	P2506295
3.0 - 2.5	208030	P2506296
3.5 - 3.0	208035	P2506297
4.0 - 3.5	208040	P2506298
4.5 - 4.0	208045	P2506299
5.0 - 4.5	208050	P2506300
STANDARD SET	208000	P2506301
Ø1.0 - 5.0mm		
9pcs		
WOODEN TRAY ZWT 8	108110	

ER 11		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	211010	P2506311
1.5 - 1.0	211015	P2506312
2.0 - 1.5	211020	P2506313
2.5 - 2.0	211025	P2506314
3.0 - 2.5	211030	P2506315
3.5 - 3.0	211035	P2506316
4.0 - 3.5	211040	P2506317
4.5 - 4.0	211045	P2506318
5.0 - 4.5	211050	P2506319
5.5 - 5.0	211055	P2506320
6.0 - 5.5	211060	P2506321
6.5 - 6.0	211065	P2506322
7.0 - 6.5	211070	P2506323
STANDARD SET	211000	P2506302
Ø1.0 - 7.0mm		
13pcs		
WOODEN TRAY ZWT 11	011110	

ER 16		
CLAMPING RANGE	CODE No.	EDP No.
1.0 - 0.5	216010	P2506201
2.0 - 1.0	216020	P2506202
3.0 - 2.0	216030	P2506203
4.0 - 3.0	216040	P2506204
5.0 - 4.0	216050	P2506205
6.0 - 5.0	216060	P2506206
7.0 - 6.0	216070	P2506207
8.0 - 7.0	216080	P2506208
9.0 - 8.0	216090	P2506209
10.0 - 9.0	216100	P2506210
1.5 - 1.0	216015	P2778506
2.5 - 2.0	216025	P2778507
STANDARD SET	216000	P2506303
Ø1.0 - 10.0mm		
10pcs		
WOODEN TRAY ZWT 16	016110	

ER 20		
CLAMPING RANGE	CODE No.	EDP No.
2.0 - 1.0	220020	P2506332
3.0 - 2.0	220030	P2506333
4.0 - 3.0	220040	P2506334
5.0 - 4.0	220050	P2506335
6.0 - 5.0	220060	P2506336
7.0 - 6.0	220070	P2506337
8.0 - 7.0	220080	P2506338
9.0 - 8.0	220090	P2506339
10.0 - 9.0	220100	P2506340
11.0 - 10.0	220120	P2506341
12.0 - 11.0	220130	P2506342
13.0 - 12.0	220140	P2506343
1.0 - 0.5	220010	P2506344
1.5 - 1.0	220015	P2506345
2.5 - 2.0	220025	P2506346
STANDARD SET	220000	P2506304
Ø2.0 - 13.0mm		
12pcs		
WOODEN TRAY ZWT 20	020110	

- Inch type collets available.
- Sealed collets available.

ER COLLET - UF

UF

ER SPANNZANGE - UF
ER PINCE DE SERRAGE - UF
ER PINZA DI SERRAGGIO - UF
ER PINZA PORTAPIEZAS - UF



Unit : mm

ER 25			ER 32			ER 40			ER 50		
CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.	CLAMPING RANGE	CODE No.	EDP No.
2.0 - 1.0	225020	P2506212	3.0 - 2.0	232030	P2506233	4.0 - 3.0	240040	P2506264	12.0 - 10.0	250120	P2506352
3.0 - 2.0	225030	P2506213	4.0 - 3.0	232040	P2506234	5.0 - 4.0	240050	P2506265	14.0 - 12.0	250140	P2506354
4.0 - 3.0	225040	P2506214	5.0 - 4.0	232050	P2506235	6.0 - 5.0	240060	P2506266	16.0 - 14.0	250160	P2506356
5.0 - 4.0	225050	P2506215	6.0 - 5.0	232060	P2506236	7.0 - 6.0	240070	P2506267	18.0 - 16.0	250180	P2506358
6.0 - 5.0	225060	P2506216	7.0 - 6.0	232070	P2506237	8.0 - 7.0	240080	P2506268	20.0 - 18.0	250200	P2506360
7.0 - 6.0	225070	P2506217	8.0 - 7.0	232080	P2506238	9.0 - 8.0	240090	P2506269	22.0 - 20.0	250220	P2506362
8.0 - 7.0	225080	P2506218	9.0 - 8.0	232090	P2506239	10.0 - 9.0	240100	P2506270	24.0 - 22.0	250240	P2506364
9.0 - 8.0	225090	P2506219	10.0 - 9.0	232100	P2506240	11.0 - 10.0	240110	P2506271	26.0 - 24.0	250260	P2506366
10.0 - 9.0	225100	P2506220	11.0 - 10.0	232110	P2506241	12.0 - 11.0	240120	P2506272	28.0 - 26.0	250280	P2506368
11.0 - 10.0	225110	P2506221	12.0 - 11.0	232120	P2506242	13.0 - 12.0	240130	P2506273	30.0 - 28.0	250300	P2506370
12.0 - 11.0	225120	P2506222	13.0 - 12.0	232130	P2506243	14.0 - 13.0	240140	P2506274	32.0 - 30.0	250320	P2506372
13.0 - 12.0	225130	P2506223	14.0 - 13.0	232140	P2506244	15.0 - 14.0	240150	P2506275	34.0 - 32.0	250340	P2506374
14.0 - 13.0	225140	P2506224	15.0 - 14.0	232150	P2506245	16.0 - 15.0	240160	P2506276	6.0 - 4.0	250060	P2778515
15.0 - 14.0	225150	P2506225	16.0 - 15.0	232160	P2506246	17.0 - 16.0	240170	P2506277	8.0 - 6.0	250080	P2778516
16.0 - 15.0	225160	P2506226	17.0 - 16.0	232170	P2506247	18.0 - 17.0	240180	P2506278	10.0 - 8.0	250100	P2778517
1.0 - 0.5	225010	P2506227	18.0 - 17.0	232180	P2506248	19.0 - 18.0	240190	P2506279	25.0 - 23.0	250250	P2778518
1.5 - 1.0	225015	P2506228	19.0 - 18.0	232190	P2506249	20.0 - 19.0	240200	P2506280			
2.5 - 2.0	225025	P2506229	20.0 - 19.0	232200	P2506250	21.0 - 20.0	240210	P2506281			
			2.0 - 1.0	232020	P2506251	22.0 - 21.0	240220	P2506282			
			2.5 - 2.0	232025	P2506252	23.0 - 22.0	240230	P2506283			
						24.0 - 23.0	240240	P2506284			
						25.0 - 24.0	240250	P2506285			
						26.0 - 25.0	240260	P2506286			
						3.0 - 2.0	240030	P2506287			
						27.0 - 26.0	240270	P2506288			
						28.0 - 27.0	240280	P2506289			
						29.0 - 28.0	240290	P2506290			
						30.0 - 29.0	240300	P2506291			
STANDARD SET	225000	P2506305	STANDARD SET	232000	P2506306	STANDARD SET	240000	P2506307	STANDARD SET	250000	P2506308
Ø2.0 - 16.0mm			Ø3.0 - 20.0mm			Ø4.0 - 26.0mm			Ø12.0 - 34.0mm		
15pcs			18pcs			23pcs			12pcs		
WOODEN TRAY ZWT 25	025110		WOODEN TRAY ZWT 32	032110		WOODEN TRAY ZWT 40	040110		WOODEN TRAY ZWT 50	050110	

- Inch type collets available.
► Sealed collets available.

ER COLLET CHUCK

ER NUT

PART

ER NUSS
ER ÉCROU
ER DADO
ER TUERCA

DIN 6499/ISO 15488



■ SQ-ER (Standard : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
SQ-ER11	P2700006	M14×0.75	19.0	12.0
SQ-ER16	P2700001	M22×1.50	28.0	18.0
SQ-ER20	P2700002	M25×1.50	34.0	19.5



■ SQ-ER (Standard : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
SQ-ER25	P2700003	M32×1.50	42.0	20.5
SQ-ER32	P2700004	M40×1.50	50.0	23.0
SQ-ER40	P2700005	M50×1.50	63.0	26.0
SQ-ER50	P2700007	M64×2.00	78.0	35.0



■ XSQ-R (Standard : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-R11	P2777002	M14×0.75	19.0	12.0
XSQ-R16	P2777003	M22×1.50	28.0	18.0
XSQ-R20	P2777004	M25×1.50	34.0	19.5



■ XSQ-RU (Standard : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RU25	P2777005	M32×1.50	42.0	20.5
XSQ-RU32	P2777006	M40×1.50	50.0	23.0
XSQ-RU40	P2777007	M50×1.50	63.0	26.0
XSQ-RU50	P2777008	M64×2.00	78.0	35.0

ER NUT

PART

ER NUSS
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ER DADO
ER TUERCA



■ XSQ-RT (Sealing Disk Type : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RT16	P2777009	M22×1.50	28.0	22.5
XSQ-RT20	P2777010	M25×1.50	34.0	24.0



■ XSQ-RUT (Sealing Disk Type : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RUT16	P2777011	M22×1.50	32.0	22.5
XSQ-RUT20	P2777012	M25×1.50	35.0	24.0
XSQ-RUT25	P2777013	M32×1.50	42.0	25.0
XSQ-RUT32	P2777014	M40×1.50	50.0	27.5
XSQ-RUT40	P2777015	M50×1.50	63.0	30.5



■ XSQ-RSU (Sleeve Bearing Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RSU16	P2777016	M22×1.50	32.0	18.0
XSQ-RSU20	P2777017	M25×1.50	35.0	20.0
XSQ-RSU25	P2777018	M32×1.50	42.0	20.5
XSQ-RSU32	P2777019	M40×1.50	50.0	23.0
XSQ-RSU40	P2777020	M50×1.50	63.0	26.0



■ XSQ-RST (Sleeve Bearing / Sealing Disk Type : Hex.)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RST16	P2777021	M22×1.50	28.0	22.5
XSQ-RST20	P2777022	M25×1.50	34.0	24.5



■ XSQ-RSUT (Sleeve Bearing / Sealing Disk Type : Round)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RSUT16	P2777023	M22×1.50	32.0	22.5
XSQ-RSUT20	P2777024	M25×1.50	35.0	24.5
XSQ-RSUT25	P2777025	M32×1.50	42.0	25.0
XSQ-RSUT32	P2777026	M40×1.50	50.0	27.5
XSQ-RSUT40	P2777027	M50×1.50	63.0	30.5

ER NUT

PART

ER NUSS
ER ÉCROU
ER DADO
ER TUERCA

■ XSQ-RKU (Ball Bearing Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RKU16	P2777028	M22×1.50	32.0	18.0
XSQ-RKU20	P2777029	M25×1.50	35.0	20.0
XSQ-RKU25	P2777030	M32×1.50	42.0	21.5
XSQ-RKU32	P2777031	M40×1.50	50.0	23.0
XSQ-RKU40	P2777032	M50×1.50	63.0	26.0



■ XSQ-RKUT (Ball Bearing / Sealing Disk Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RKUT16	P2777033	M22×1.50	32.0	22.5
XSQ-RKUT20	P2777034	M25×1.50	35.0	24.5
XSQ-RKUT25	P2777035	M32×1.50	42.0	25.0
XSQ-RKUT32	P2777036	M40×1.50	50.0	27.5
XSQ-RKUT40	P2777037	M50×1.50	63.0	30.5



■ XSQ-RM (Mini Nut : Standard Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-R08M	P2777038	M10×0.75	12.0	11.0
XSQ-R11M	P2777039	M13×0.75	16.0	12.0
XSQ-R16M	P2777040	M19×1.00	22.0	18.0
XSQ-R20M	P2777041	M24×1.00	28.0	19.5
XSQ-R25M	P2777042	M30×1.00	35.0	20.5



■ XSQ-RTM (Mini Nut : Sealing Disk Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RT16M	P2777043	M19×1.00	22.0	22.5
XSQ-RT20M	P2777044	M24×1.00	28.0	24.0
XSQ-RT25M	P2777045	M30×1.00	35.0	25.0



ER COLLET CHUCK

ER NUT & SEALING DISK

PART / DS



■ XSQ-RA (External Thread Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RA11	P2777046	M18×1.00	18.0	6.0
XSQ-RA16	P2777047	M24×1.00	24.0	8.0
XSQ-RA20	P2777048	M28×1.50	28.0	11.0
XSQ-RA25	P2777049	M32×1.50	32.0	12.5
XSQ-RA32	P2777050	M40×1.50	40.0	14.0



■ XSQ-RAT (External Thread / Sealing Disk Type)

Unit : mm

MODEL No.	EDP No.	THREAD	Dia.	LENGTH
XSQ-RA11S*	P2777051	M18×1.00	18.0	8.0
XSQ-RAT16	P2777052	M24×1.00	24.0	11.0
XSQ-RAT20	P2777053	M28×1.50	28.0	12.5
XSQ-RAT25	P2777054	M32×1.50	32.0	14.0
XSQ-RAT32	P2777001	M40×1.50	40.0	17.5

* Without sealing disk



■ SEALING DISK

Unit : mm

MODEL No.	EDP No.	Dia.	INNER DIA. (Step : 0.5mm)	THICKNESS
DS16	P2777055	13.0	2.5 - 10	4.0
DS20	P2777056	16.0	2.5 - 13.0	4.0
DS25	P2777057	21.0	2.5 - 16.0	4.0
DS32	P2777058	27.0	2.5 - 20.0	4.0
DS40	P2777059	33.5	2.5 - 26.0	4.0
DS50	P2777060	31.0	3.5 - 25.0	4.0



■ SEALING DISK SET

Unit : mm

MODEL No.	EDP No.	Dia.	THICKNESS	SEALING DISKS / SET
DS16S2	P2777061	13.0	4.0	7pcs / set
DS20S2	P2777062	16.0	4.0	10pcs / set
DS25S2	P2777063	21.0	4.0	13pcs / set
DS32S2	P2777064	27.0	4.0	17pcs / set
DS40S2	P2777065	33.5	4.0	23pcs / set
DS50S2	P2777066	31.0	4.0	22pcs / set

ER COLLET CHUCK

ER SPANNER / WRENCH

SP

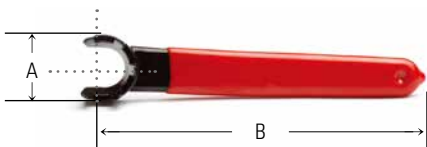
ER MAULSCHLÜSEL
ER CL
ER CHIAVE
ER LLAVE



FIG. 1



FIG. 2



FOR ER / SKN NUT

Unit : mm

MODEL No.	EDP No.	A	B	APPLICABLE NUT
ER11SP	P2772601	-	-	ER11, SKN6 (FIG.1)
ER16SP	P2772602	50	160	ER16, SKN10 (FIG.1)
ER20SP	P2772603	55	180	ER20 (FIG.1)
ER25SP	P2772604	65	210	ER25, SKN16 (FIG.2)
ER32SP	P2772605	75	250	ER32 (FIG.2)
ER40SP	P2772606	90	290	ER40 (FIG.2)
ER50SP	P2772612	110	350	ER50 (FIG.2)

► Design and shape could be changed without prior notice.

FOR ER Mini NUT

Unit : mm

MODEL No.	EDP No.	A	B	APPLICABLE NUT
GE8M	P2772608	12.4	70	ER8M
GE11M	P2772609	16.8	90	ER11M
GE16M	P2772610	22.5	110	ER16M
GE20M	P2772611	29.0	120	ER20M
GE25M	P2772607	36.0	130	ER25M

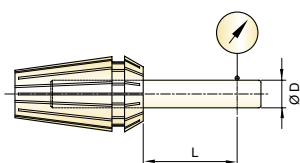
► Design and shape could be changed without prior notice.

ER COLLET CHUCK

FEATURE

- Powerful chucking, high precision and easy operation
- Precise machining is stably maintained without chattering in High-Speed rotation.
- Due to nut designed with small bore, interference with work piece can be minimized and it enables speedy operation.
- Various nuts can be selected and used according to usage.
- Unlike single taper, double taper has long chucking part providing excellent torque power.

HIGH PRECISION

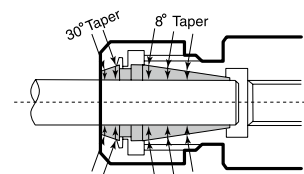


- By using high precision collet, excellent T.I.R can be achievable.
- With fine cutting of 16 sections, it has excellent contractile force, which makes higher precision can be achieved.

D	L	Max.T.I.R(STD.)
Ø1 ~ Ø1.6	6	0.015
Ø1.6 ~ Ø3	10	0.015
Ø3 ~ Ø6	16	0.015
Ø6 ~ Ø10	25	0.015
Ø10 ~ Ø18	40	0.020
Ø18 ~ Ø26	50	0.020
Ø26 ~ Ø34	60	0.020

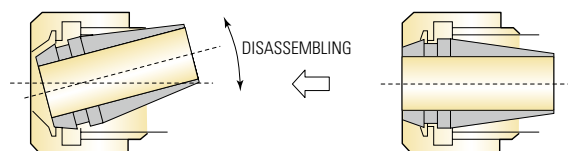
STRONG TORQUE POWER

- Longer clamping part of double taper collet provides stronger torque power.
- Stronger torque power can be achieved if ball bearing nut is used.

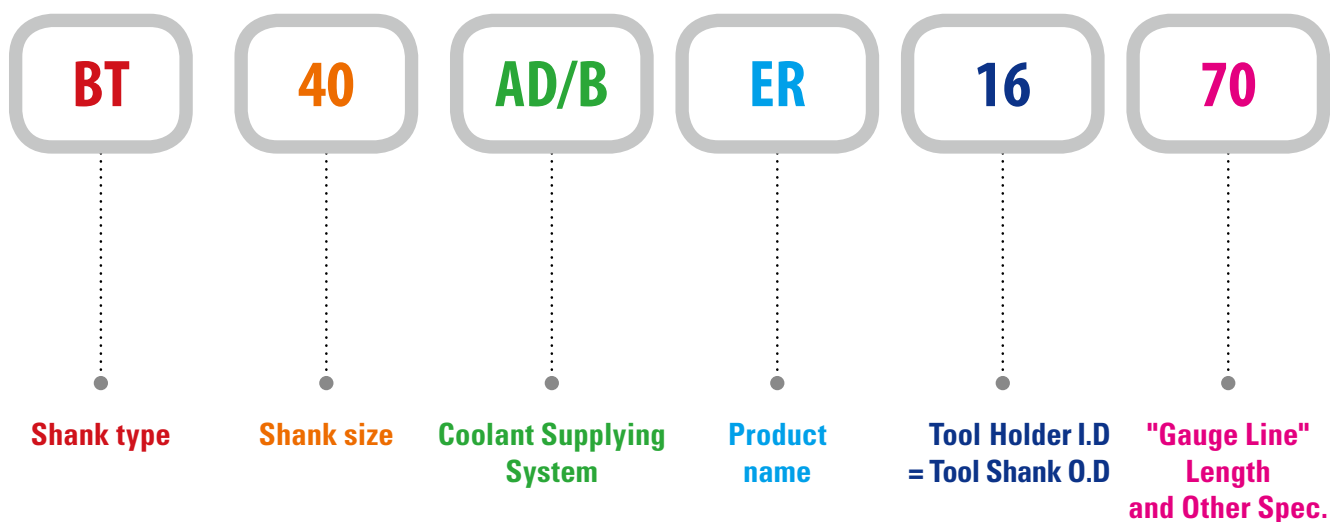


EASY ASSEMBLING AND DISASSEMBLING

- For assembling or disassembling of collet, first gently insert groove part of collet into eccentrical portion inside nut, and fasten it to same direction as screw or loosen it reversely.
- Notice : In case of Ø12.2mm tool, don't use Ø12~11mm collet. But use collet with Ø12.5~11.5mm.
(In case of general cutting process, Ø13~12mm collet is usable)



Model Numbering System



Surface Finish

