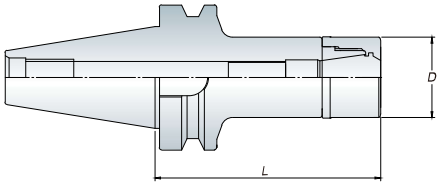
Spring Collet Chuck

MER

BT / NT series



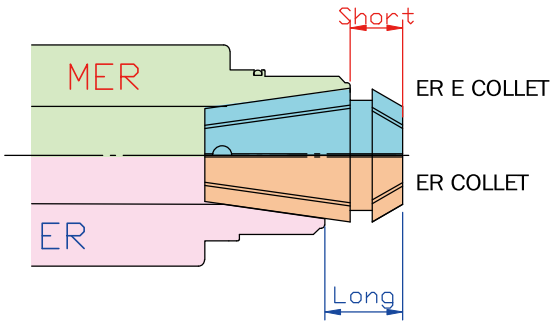


Model No.	Clamping Range	D	L	Wrench	Weight (kg)
BT30 MER16-060	1~10	30	60	WER16G	0.70
-070	1~10	30	70	WER16G	0.80
MER20-060	1~13	35	60	WER20G	0.70
MER25-060	2~16	40	60	WER25G	0.80
MER32-060	2~20	50	60	WER32G	0.85
-070	2~20	50	70	WER32G	0.90
BT40 MER16-070/100	1~10	30	70/100	WER16G	1.30/1.50
-120/150	1~10	30	120/150	WER16G	1.60/1.70
MER20-080/100	1~13	35	80/100	WER20G	1.40/1.50
-120/150	1~13	35	120/150	WER20G	1.70/1.90
MER25-080/100	2~16	40	80/100	WER25G	1.60/1.80
-120/150	2~16	40	120/150	WER25G	2.00/2.20
MER32-070/100	2~20	50	70/100	WER32G	1.50/1.90
-120	2~20	50	120	WER32G	2.10
BT50 MER16-100/150	1~10	30	100/150	WER16G	4.20/4.40
MER20-100/150	1~13	35	100/150	WER20G	4.30/4.60
MER25-100/150	2~16	40	100/150	WER25G	4.30/4.90
MER32-100/150	2~20	50	100/150	WER32G	4.50/5.30

Unit: mm

- MER has more contact area between holder and collet to make better radial cutting force than standard ER.
- Special design of MER High speed bearing nut, the clamping power is better than Standard ER type.
- MER system are suitable for high speed and high precision cutting.
- Suitable to use with ER-E type collet, the cutting condition will be excellent.
- Also could be used with standard ER collet, the clamping range change to 0.5mm from 1mm
  Ex. MER20 holder + ER20 06 collet
  => Clamping range: 6~5.5mm
- WER..G bearing wrench and Stop screw must be ordered separately.
- Balancing: 30,000 r.p.m G2.5

- The design of deeper gauge line for MER holder. Recommend using ER-E type collet into the body (holder). The increasing length of contact area between collet and holder for improved clamping force.



*** / Compare***



ER Holder
+
ER Collet



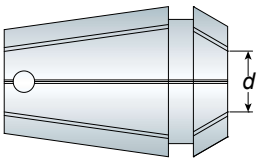
MER Holder
+
ER Collet



MER Holder
+
ER-E Type Collet

BT / NT series

ER Collet for End Mill



ER16E (approx. 0.03kgs/pc)

Model No.	d
ER16E-03	3
ER16E-04	4
ER16E-05	5
ER16E-06	6
ER16E-08	8
ER16E-10	10

Unit:mm

ER20E (approx. 0.04kgs/pc)

Model No.	d
ER20E-03	3
ER20E-04	4
ER20E-05	5
ER20E-06	6
ER20E-08	8
ER20E-10	10
ER20E-12	12

Unit:mm

ER25E (approx. 0.07kgs/pc)

Model No.	d
ER25E-03	3
ER25E-04	4
ER25E-05	5
ER25E-06	6
ER25E-08	8
ER25E-10	10
ER25E-12	12
ER25E-14	14
ER25E-16	16

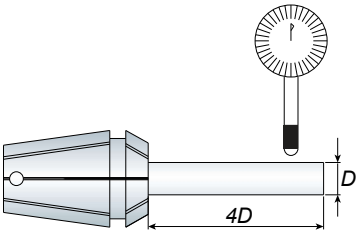
Unit:mm

ER32E (approx. 0.15kgs/pc)

Model No.	d
ER32E-03	3
ER32E-04	4
ER32E-05	5
ER32E-06	6
ER32E-08	8
ER32E-10	10
ER32E-12	12
ER32E-14	14
ER32E-16	16
ER32E-18	18
ER32E-20	20

Unit:mm





Collet Grade	Runout - Max μ - 4xD
A	≦ 10μ
AA	≦ 5μ

- When ordering, please specify the collet grade with A or AA.
- For example / :ER16E-06 A or ER16E-06AA



MER Nut

MER High Speed Bearing Nut

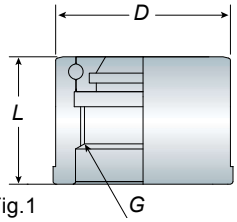


Fig.1

	Model No.	FIG.	D	L	Nm	G	Collet Type	Wrench No.	Weight (kg)
MER Standard Nut	CN-MER16	1	30	25	70	M22x1.5P	ER16	WER16G	0.07
	CN-MER20	1	35	25	100	M25x1.5P	ER20	WER20G	0.10
	CN-MER25	1	40	27	130	M32x1.5P	ER25	WER25G	0.11
	CN-MER32	1	50	30	170	M40x1.5P	ER32	WER32G	0.20

Unit: mm

MER-SX High Speed Nut

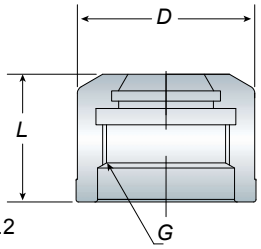


Fig.2

	Model No.	FIG.	D	L	Nm	G	Collet Type	Wrench No.	Weight (kg)
MER-SX Nut	CN-MER16-SX	2	30	25	70	M22x1.5P	ER16	WER16G	0.07
	CN-MER20-SX	2	35	25	100	M25x1.5P	ER20	WER20G	0.10
	CN-MER25-SX	2	40	27	130	M32x1.5P	ER25	WER25G	0.11
	CN-MER32-SX	2	50	30	170	M40x1.5P	ER32	WER32G	0.20

Unit: mm



Fig.5



Bearing Wrench (for high speed bearing nut)	Model No.	FIG.	d	L	Suit For	Weight (kg)
	WER16G	5	30	-	CN16-G	0.60
	WER20G	5	35	-	CN20-G	0.65
	WER25G	5	40	-	CN25-G	0.80
	WER32G	5	50	-	CN32-G	0.83

Unit: mm