

BT ER Collet Chuck

Brief introduction

BT ER COLLET CHUCK, With DIN6499 collet chuck can be straight shank cutter clamping various sizes. BT tool holder comes in a range of sizes designated as BT30, BT40, BT50, etc, and uses the same NMTB body taper as CAT, BT tooling is symmetrical about the spindle axis. This gives BT tooling greater stability and balance at high speeds. BT tool holders will accept both imperial and metric sized tools, BT tooling looks very similar and can easily be confused with CAT tooling. The difference between CAT and BT is the flange>TYPE

chucking Dia	d1	d 2	L 1	L	M	Nut	Collet	Spanner	
BT30-ER11-70	1-7	19	19	70	118	M14X0.75	ER11A	ER11	ER11A
BT30-ER11-100				100	148				
BT30-ER16-70	1-10	28	28	70	118	M22X1.5	ER16A	ER16	ER16A
BT30-ER16-100				100	148				
BT30-ER20-70	1-13	34	34	70	118	M25X1.5	ER20A	ER20	ER20A
BT30-ER20-100				100	148				
BT30-ER25-70	1-16	42	40	70	118	M32X1.5	ER25UM	ER25	ER25UM
BT30-ER25-100				100	148				
BT30-ER32-70	3-20	50	48	70	118	M40X1.5	ER32UM	ER32	ER32UM

BT30-ER32 -100				10 0	148 .4				
BT40-ER11 -70				70	135 .4				
BT40-ER11 -100	1-7	1 9	1 9	10 0	165 .4	M14X0 .75	ER11 A	ER11	ER11 A
BT40-ER11 -150				15 0	215 .4				
BT40-ER16 -70				70	135 .4				
BT40-ER16 -100	1-1 0	2 8	2 8	10 0	165 .4	M22X1 .5	ER16 A	ER16	ER16 A
BT40-ER16 -150				15 0	215 .4				
BT40-ER20 -70				70	135 .4				
BT40-ER20 -100	1-1 3	3 4	3 4	10 0	165 .4	M25X1 .5	ER20 A	ER20	ER20 A
BT40-ER20 -150				15 0	215 .4				
BT40-ER25 -70				70	135 .4				
BT40-ER25 -100	1-1 6	4 2	4 0	10 0	165 .4	M32X1 .5	ER25 UM	ER25	ER25 UM
BT40-ER25 -150				15 0	215 .4				
BT40-ER32 -70				70	135 .4				
BT40-ER32 -100	3-2 0	5 0	4 8	10 0	165 .4	M40X1 .5	ER32 UM	ER32	ER32 UM
BT40-ER32				15	215				

-150				0	.4				
BT40-ER40 -100	3-2	6	5	10	165	M50X1	ER40 UM	ER40	ER40 UM
BT40-ER40 -150	6	3	8	15	215				
BT50-ER16 -100	3-1	2	2	10	201	M22X1	ER16 A	ER16	ER16 A
BT50-ER16 -150	0	8	8	15	251				
BT50-ER20 -100	3-1	3	3	10	201	M25X1	ER20 A	ER20	ER20 A
BT50-ER20 -150	3	4	4	15	251				
BT50-ER25 -100	3-1	4	4	10	201	M32X1	ER25 UM	ER25	ER25 UM
BT50-ER25 -150	6	2	0	15	251				
BT50-ER32 -100	3-2	5	5	10	201	M40X1	ER32 UM	ER32	ER32 UM
BT50-ER32 -150	0	0	0	15	251				
BT50-ER40 -100	3-2	6	6	10	201	M50X1	ER40 UM	ER40	ER40 UM
BT50-ER40 -150	6	3	0	15	521				

Specifications

- 1.modle No.: BT30,BT40,BT50
- 2.Materail: 20CrMnTi
- 3.Taper tolerance:<AT3
- 4.Carbon depth: 0.8mm±0.2mm
- 5.Surface Roughness: Ra<0.005mm

6. Hardness: HRC 56-58
7. Max run out: <0.005mm
8. Cooling AD+B type can be made by request
9. When Order, please specify balancing G6.3 or G2.5
10. Shank body standard: MAS 403 and B63396.

11. Packaging Detail: Plastic boxes, cartons

12. Delivery Detail: 15-20 days after receiving the deposit and all package information confirmed.

Instructions: A

1. For standard cylindrical shank DIN6499 collet blessing.
2. The accompanying accessories: intensify nut.
3. The tool should be placed within the collet remain valid blessing length.

feature:

1. Material: hardened steel; processing machinery: CNC turning centers.
2. The cone angle AT3, tolerance: $8^{\circ} 17'50'' \pm 5''$
3. Accuracy <0.005
4. Hardness: HRC56-62 °, carburizing depth: 1.0 ± 0.2
5. The through hole and a cooling tube (AD / B) design, can be customized according to customer demand.

Model parameters:

BT30-ER11-60 / 100

BT30-ER16-70 / 100/120

BT30-ER20-70 / 100/15

BT30-ER25-70 / 135

BT30-ER32-70 / 100

BT30-ER40-80

BT40-ER11-70 / 100

BT40-ER16-70 / 100/125/150

BT40-ER20-70 / 80/100/135/150

BT40-ER25-70 / 80/100/125/150

BT40-ER32-70 / 100/150

BT40-ER40-80 / 100/120/150

BT40-ER50-80-100

BT50-ER16-70 / 90/105/135/150/165/200

BT50-ER20-70 / 90/105/135/150/165/200/250

BT50-ER25-70 / 105/135/150/165/200/250

BT50-ER32-80 / 100/120/150/200/250

BT50-ER40-80 / 100/120/135/150/200

BT50-ER50-90 / 100/120/150/165

Shank Arbor knowledge:

A. A variety of CNC tool knife handle, Arbor, CNC tool holders, tool holders

1. The key factors used to connect machine tools and cutting tools CNC tool system, with precision jig and gauge function is directly related to whether the proper use of the tool, the cutting has reached the desired effect lies.

2. machining centers with 7:24 taper shank system, including BT, SK, CAT, DIN and other standards, NT in the early CNC milling machine is used more

Second Arbor:

- 1.ER Straight extended collet shank, long shank body for deep hole machining.
2. You can reduce the use of longer tools, which can reduce costs and improve efficiency.
3. The extension rod diameter, and other parts have been precision ground to eliminate unbalance, increase stability during cutting.

Question and answer

1.What kind of characteristic of your company?

We are both manufacturer and exporter.

2.Can you supply samples?

Yes,we can.

3.Can you produce products according to our requirement?

Yes,we can.

4. About Shipping

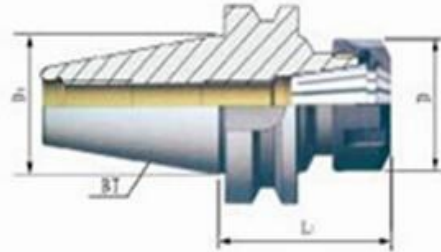
Port:	Shanghai/Ningbo/Guangzhou/Shenzhen/Hongkong	
Shipping :	By Air, By Sea or By Express	
Shipping Time :	4-10days By Express	Different Area will spend different shipping days
	7-15days By Air	
	25-55days By Sea	
Trade Terms	FOB, CIF, EXW, CFR, DDU...	

5. product warranty

One year warranty

6.What's your payment terms?

FOB, T/T, CIF.



Order No.	Model	D	D1	L1	Clamping Range	Wt (kg)
11302060	BT30xER20-70	35	31.75	70	0.5-13	0.55
11302560	BT30xER25-70	42	31.75	70	0.5-16	0.58
11303260	BT30xER32-70	50	31.75	70	1-20	0.85
11304080	BT30xER40-80	63	31.75	80	2-26	1.10
11401670	BT40xER16-70	32	44.45	70	0.5-10	1.14
11402070	BT40xER20-70	35	44.45	70	0.5-13	1.16
114020100	BT40xER20-100	35	44.45	100	0.5-13	1.38
114020130	BT40xER20-130	35	44.45	130	0.5-13	1.76
11402570	BT40xER25-70	42	44.45	70	0.5-16	1.22
114025100	BT40xER25-100	42	44.45	100	0.5-16	1.52
114025130	BT40xER25-130	42	44.45	130	0.5-16	1.90
114025160	BT40xER25-160	42	44.45	160	0.5-16	2.10
11403270	BT40xER32-70	50	44.45	70	1-20	1.30
114032100	BT40xER32-100	50	44.45	100	1-20	1.72
114032130	BT40xER32-130	50	44.45	130	1-20	2.05
114032160	BT40xER32-160	50	44.45	160	1-20	2.58
11404070	BT40xER40-80	63	44.45	80	2-26	1.45
114040100	BT40xER40-100	63	44.45	100	2-26	2.01
114040160	BT40xER40-160	63	44.45	160	2-26	3.29
11501670	BT50xER16-70	28	69.85	70	0.5-10	3.64
11502070	BT50xER20-70	35	69.85	70	0.5-13	3.67
115020100	BT50xER20-100	35	69.85	100	0.5-13	3.84
11502570	BT50xER25-70	42	69.85	70	0.5-16	3.70
115025100	BT50xER25-100	42	69.85	100	0.5-16	4.54
11503270	BT50xER32-70	50	69.85	70	1-20	3.73
115032100	BT50xER32-100	50	69.85	100	1-20	5.20
115032160	BT50xER32-160	50	69.85	160	1-20	4.97
115032200	BT50xER32-200	50	69.85	200	1-20	5.48
11504070	BT50xER40-80	63	69.85	80	2-26	3.76
115040100	BT50xER40-100	63	69.85	100	2-26	4.44
115040160	BT50xER40-160	63	69.85	160	2-26	5.77
115040200	BT50xER40-200	63	69.85	200	2-26	6.66

应用范围：配合DIN6499弹簧夹头可夹持各种尺寸直柄刀具