



# ECX (ER) Superflex Precision Collet Chucks Individually Balanced G2.5

3um - 0.0001" Runout Taper To Taper  
Tapers are ground AT3 or better for Optimal T.I.R

## BT Flange Tools

For use with ER/ECX style collets. See pages 2-7 to 2-11 for collet information

Ask about our new  
ETS High-Precision  
Self-Centering collets  
to obtain the optimum  
accuracy from your  
ER/ECX Collet Chucks

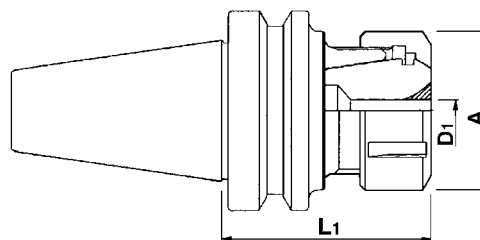
Our ER/ECX collet chucks  
& extensions accept the  
following competitors  
collets: DR, ER, ESX, RD

**NEW**  
**NEW**  
**NEW**

For collet nuts and wrenches see  
pages 1-17 to 1-18 and 2-16 to 2-18

NUT STYLES	
C	= CASTELLATION
H	= HEXAGON
M	= MINI CASTELLATION

THEORETICAL MAX Tightening Torque for ER/ECX nuts	
ECX/ER16	80Nm/60FT/lbs
ECX/ER20	110Nm/80FT/lbs
ECX/ER25	140Nm/103FT/lbs
ECX/ER32	180Nm/132FT/lbs
ECX/ER40	230Nm/169FT/lbs



## BT

Taper	Order No.	Device Type	Collet Style	D <sub>1</sub> Collet Range (in)	L <sub>1</sub> (in)	A (in)	Max RPM	Nut Style
15	483-616*	BT15 - ECX/ER16 - 2.36	ECX/ER 16	0.020 - 0.394	2.36	1.10	-	H
30	483-416	BT30 - ECX/ER16 - 2.50	ECX/ER 16	0.020 - 0.394	2.50	1.10	30,000	H
30	483-417	BT30 - ECX/ER16 - 4.00	ECX/ER 16	0.020 - 0.394	4.00	1.10	25,000	H
30	483-420	BT30 - ECX/ER20 - 2.50	ECX/ER 20	0.020 - 0.512	2.50	1.25	25,000	H
30	483-421	BT30 - ECX/ER20 - 4.00	ECX/ER 20	0.020 - 0.512	4.00	1.25	25,000	H
30	483-425	BT30 - ECX/ER25 - 2.00	ECX/ER 25	0.020 - 0.629	2.00	1.654	25,000	C
30	483-426	BT30 - ECX/ER25 - 4.00	ECX/ER 25	0.020 - 0.629	4.00	1.654	25,000	C
30	483-432	BT30 - ECX/ER32 - 3.00	ECX/ER 32	0.080 - 0.787	3.00	1.97	20,000	C
40	483-116	BT40 - ECX/ER16 - 2.50	ECX/ER 16	0.020 - 0.394	2.50	1.10	20,000	H
40	483-117	BT40 - ECX/ER16 - 4.00	ECX/ER 16	0.020 - 0.394	4.00	1.10	20,000	H
40	483-118	BT40 - ECX/ER16 - 6.00	ECX/ER 16	0.020 - 0.394	6.00	1.10	15,000	H
40	483-120	BT40 - ECX/ER20 - 3.00	ECX/ER 20	0.020 - 0.512	3.00	1.25	20,000	H
40	483-123	BT40 - ECX/ER20 - 4.00	ECX/ER 20	0.020 - 0.512	4.00	1.25	20,000	H
40	483-121	BT40 - ECX/ER20 - 5.00	ECX/ER 20	0.020 - 0.512	5.00	1.25	15,000	H
40	483-122	BT40 - ECX/ER20 - 6.00	ECX/ER 20	0.020 - 0.512	6.00	1.25	20,000	H
40	483-125	BT40 - ECX/ER25 - 3.00	ECX/ER 25	0.020 - 0.629	3.00	1.654	20,000	C
40	483-126	BT40 - ECX/ER25 - 5.00	ECX/ER 25	0.020 - 0.629	5.00	1.654	15,000	C
40	483-127	BT40 - ECX/ER25 - 6.00	ECX/ER 25	0.020 - 0.629	6.00	1.654	20,000	C
40	483-132	BT40 - ECX/ER32 - 3.00	ECX/ER 32	0.080 - 0.787	3.00	1.97	20,000	C
40	483-133	BT40 - ECX/ER32 - 5.00	ECX/ER 32	0.080 - 0.787	5.00	1.97	15,000	C
40	483-140	BT40 - ECX/ER40 - 3.50	ECX/ER 40	0.118 - 1.023	3.50	2.48	20,000	C
50	483-316*	BT50 - ECX/ER16 - 4.00	ECX/ER 16	0.020 - 0.394	4.00	1.10	12,000	H
50	483-340*	BT50 - ECX/ER40 - 4.00	ECX/ER 40	0.118 - 1.023	4.00	2.48	12,000	C

\* While stock lasts

NOTE: Achieving maximum rotation speed depends on the concentricity and symmetry of the cutting tool and the complete tool assembly.



# ECX (ER) Superflex Precision Collet Chucks

## Individually Balanced G2.5

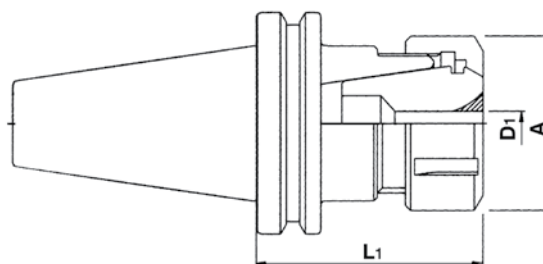
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### CT Flange Tools

For use with ER/ECX style collets. See pages 2-7 to 2-11 for collet information

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ER/ECX Collet Chucks

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& extensions accept the  
following competitors  
collets: DR, ER, ESX, RD



### CT

Taper	Order No.	Device Type	Collet Style	D <sub>1</sub> Collet Range (in)	L <sub>1</sub> (in)	A (in)	Max RPM	Nut Style
40	484-116	CT40 - ECX/ER16 - 2.50	ECX/ER 16	0.020 - 0.394	2.50	1.10	20,000	H
40	484-117	CT40 - ECX/ER16 - 4.00	ECX/ER 16	0.020 - 0.394	4.00	1.10	20,000	H
40	484-118	CT40 - ECX/ER16 - 6.00	ECX/ER 16	0.020 - 0.394	6.00	1.10	20,000	H
40	484-119	CT40 - ECX/ER16 - 8.00	ECX/ER 16	0.020 - 0.394	8.00	1.10	20,000	H
40	484-120	CT40 - ECX/ER20 - 3.00	ECX/ER 20	0.020 - 0.512	3.00	1.25	20,000	H
40	484-123	CT40 - ECX/ER20 - 4.00	ECX/ER 20	0.020 - 0.512	4.00	1.25	20,000	H
40	484-121	CT40 - ECX/ER20 - 5.00	ECX/ER 20	0.020 - 0.512	5.00	1.25	15,000	H
40	484-122	CT40 - ECX/ER20 - 6.00	ECX/ER 20	0.020 - 0.512	6.00	1.25	15,000	H
40	484-125	CT40 - ECX/ER25 - 3.00	ECX/ER 25	0.020 - 0.629	3.00	1.654	20,000	C
40	484-128	CT40 - ECX/ER25 - 4.00	ECX/ER 25	0.020 - 0.629	4.00	1.654	20,000	C
40	484-126	CT40 - ECX/ER25 - 5.00	ECX/ER 25	0.020 - 0.629	5.00	1.654	20,000	C
40	484-127	CT40 - ECX/ER25 - 6.00	ECX/ER 25	0.020 - 0.629	6.00	1.654	15,000	C
40	484-129	CT40 - ECX/ER25 - 8.00	ECX/ER 25	0.020 - 0.629	8.00	1.654	15,000	C
40	484-132	CT40 - ECX/ER32 - 3.00	ECX/ER 32	0.080 - 0.787	3.00	1.97	20,000	C
40	484-135	CT40 - ECX/ER32 - 4.00	ECX/ER 32	0.080 - 0.787	4.00	1.97	20,000	C
40	484-133	CT40 - ECX/ER32 - 5.00	ECX/ER32	0.080 - 0.787	5.00	1.97	12,000	C
40	484-134	CT40 - ECX/ER32 - 6.00	ECX/ER 32	0.080 - 0.787	6.00	1.97	20,000	C
40	484-136	CT40 - ECX/ER32 - 8.00	ECX/ER 32	0.080 - 0.787	8.00	1.97	20,000	C
40	484-140	CT40 - ECX/ER40 - 3.50	ECX/ER 40	0.118 - 1.023	3.50	2.48	20,000	C
50	484-316	CT50 - ECX/ER16 - 4.00	ECX/ER 16	0.020 - 0.394	4.00	1.10	15,000	H
50	484-317	CT50 - ECX/ER16 - 6.00	ECX/ER 16	0.020 - 0.394	6.00	1.10	15,000	H
50	484-318	CT50 - ECX/ER16 - 8.00	ECX/ER 16	0.020 - 0.394	8.00	1.10	15,000	H
50	484-320	CT50 - ECX/ER20 - 4.00	ECX/ER 20	0.020 - 0.512	4.00	1.25	15,000	H
50	484-321	CT50 - ECX/ER20 - 6.00	ECX/ER 20	0.020 - 0.512	6.00	1.25	12,000	H
50	484-322	CT50 - ECX/ER20 - 8.00	ECX/ER 20	0.020 - 0.512	8.00	1.25	15,000	H
50	484-325	CT50 - ECX/ER25 - 4.00	ECX/ER 25	0.020 - 0.629	4.00	1.654	15,000	C
50	484-326	CT50 - ECX/ER25 - 6.00	ECX/ER 25	0.020 - 0.629	6.00	1.654	15,000	C
50	484-327	CT50 - ECX/ER25 - 8.00	ECX/ER 25	0.020 - 0.629	8.00	1.654	15,000	C
50	484-332	CT50 - ECX/ER32 - 4.00	ECX/ER 32	0.080 - 0.787	4.00	1.97	15,000	C
50	484-333	CT50 - ECX/ER32 - 6.00	ECX/ER 32	0.080 - 0.787	6.00	1.97	15,000	C
50	484-334	CT50 - ECX/ER32 - 8.00	ECX/ER 32	0.080 - 0.787	8.00	1.97	15,000	C
50	484-340	CT50 - ECX/ER40 - 4.00	ECX/ER 40	0.118 - 1.023	4.00	2.48	12,000	C
50	484-341	CT50 - ECX/ER40 - 6.00	ECX/ER 40	0.118 - 1.023	6.00	2.48	12,000	C

NEW

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For collet nuts and wrenches see  
pages 1-17 to 1-18 and 2-16 to 2-18

NUT STYLES	
C	= CASTELLATION
H	= HEXAGON
M	= MINI CASTELLATION

THEORETICAL MAX Tightening Torque for ER/ECX nuts	
ECX/ER16	80Nm/60FT/lbs
ECX/ER20	110Nm/80FT/lbs
ECX/ER25	140Nm/103FT/lbs
ECX/ER32	180Nm/132FT/lbs
ECX/ER40	230Nm/169FT/lbs

NOTE: Achieving maximum rotation speed depends on the concentricity and symmetry of the cutting tool and the complete tool assembly.

# ECX (ER) Superflex Precision Collet Chucks With Mini Nuts Individually Balanced G2.5



3um - 0.0001" Runout Taper To Taper  
Tapers are ground AT3 or better for Optimal T.I.R

## BT & CT Flange Tools

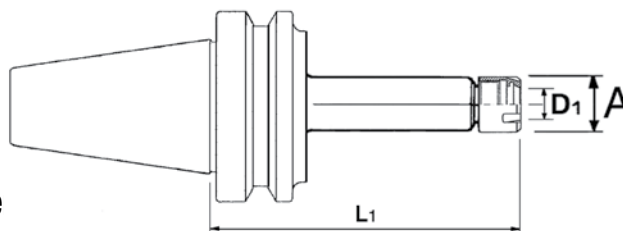
For use with ER/ECX style collets. See pages 2-7 to 2-11 for collet information



Ask about our new ETS High-Precision Self-Centering collets to obtain the optimum accuracy from your ER/ECX Collet Chucks

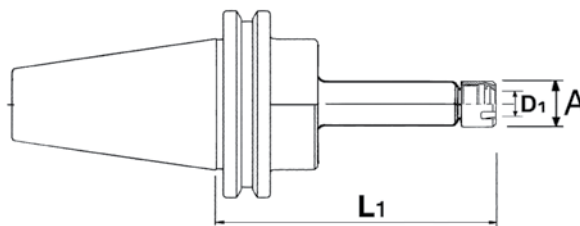
Our ER/ECX collet chucks & extensions accept the following competitors collets: DR, ER, ESX, RD

### BT Taper



Taper	Order No.	Device Type	Collet Style	D, Collet Range (in)	L (in)	A (in)	Max RPM	Nut Style
40	483-111	BT40-ER/ECX11M-2.50	ECX/ER 11	0.020 - 0.276	2.50	0.629	20,000	M
40	483-112	BT40-ER/ECX11M-4.00	ECX/ER 11	0.020 - 0.276	4.00	0.629	20,000	M

### CT Taper



Taper	Order No.	Device Type	Collet Style	D, Collet Range (in)	L (in)	A (in)	Max RPM	Nut Style
40	484-111	CT40-ER/ECX11M-2.50	ECX/ER11	0.020-0.276	2.50"	0.629	20,000	M
40	484-112	CT40-ER/ECX11M-4.00	ECX/ER11	0.020-0.276	4.00"	0.629	20,000	M
<b>NEW</b>	484-113	CT40-ER/ECX11M-6.00	ECX/ER11	0.020-0.276	6.00"	0.629	20,000	M
40	484-116-M	CT40-ER/ECX16M-2.75	ECX/ER16	0.020-0.394	2.75"	0.866	20,000	M
40	484-117-M	CT40-ER/ECX16M-4.00	ECX/ER16	0.020-0.394	4.00"	0.866	20,000	M
<b>NEW</b>	484-118-M	CT40-ER/ECX16M-6.00	ECX/ER16	0.020-0.394	6.00"	0.866	20,000	M
40	484-120-M	CT40-ER/ECX20M-3.00	ECX/ER20	0.020-0.512	3.00"	1.102	20,000	M
40	484-121-M	CT40-ER/ECX20M-4.00	ECX/ER20	0.020-0.512	4.00"	1.102	20,000	M

NOTE: Achieving maximum rotation speed depends on the concentricity and symmetry of the cutting tool and the complete tool assembly.

THEORETICAL MAX Tightening Torque for ER/ECX nuts	
ECX/ER11M	25Nm/18FT/lbs
ECX/ER16M	35Nm/25FT/lbs
ECX/ER20M	40Nm/29FT/lbs

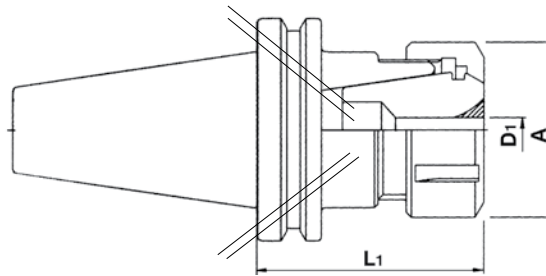


# ECX (ER) Superflex Precision Collet Chucks Balanced G2.5

DIN 69871-Form B Coolant Through The Flange

## CT Flange Tools

For use with ER/ECX style collet. See pages 2-7 to 2-11 for collet information



### CT Taper

Taper	Order No.	Device Type	Collet Style	D <sub>1</sub> (in) Collet Range	L <sub>1</sub> (in)	A (in)	Max RPM	Nut Style
40	484-216-D*	CT40D-ECX/ER16-2.50	ECX/ER 16	0.020 -0-394	2.50	1.10	20,000	H
40	484-217-D*	CT40D-ECX/ER16-4.00	ECX/ER 16	0.020 -0-394	4.00	1.10	15,000	H
40	484-218-D*	CT40D-ECX/ER16-6.00	ECX/ER 16	0.020 -0-394	6.00	1.10	15,000	H
40	484-220-D*	CT40D-ECX/ER20-3.00	ECX/ER 20	0.020 -0.512	3.00	1.25	20,000	H
40	484-221-D*	CT40D-ECX/ER20-5.00	ECX/ER 20	0.020-0.512	5.00	1.25	15,000	H
40	484-232-D*	CT40D-ECX/ER32-3.00	ECX/ER 32	0.080-0.787	3.00	1.97	20,000	C
40	484-233-D*	CT40D-ECX/ER32-5.00	ECX/ER 32	0.080-0.787	5.00	1.97	15,000	C
50	484-432-D*	CT50D-ECX/ER32-4.00	ECX/ER 32	0.080-0.787	4.00	1.97	12,000	C

\* While stock lasts

For collet nuts and wrenches see pages 1-17 to 1-18 and 2-16 to 2-18

#### NUT STYLES

C = CASTELLATION  
H = HEXAGON  
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#### THEORETICAL MAX

Tightening Torque for ER/ECX nuts

ECX/ER16	80Nm/60FT/lbs
ECX/ER20	110Nm/80FT/lbs
ECX/ER25	140Nm/103FT/lbs
ECX/ER32	180Nm/132FT/lbs
ECX/ER40	230Nm/169FT/lbs

NOTE: Achieving maximum rotation speed depends on the concentricity and symmetry of the cutting tool and the complete tool assembly.

**ALL ER COOLANT  
THROUGH THE FLANGE  
COLLET CHUCKS  
CLEAROUT SALE**

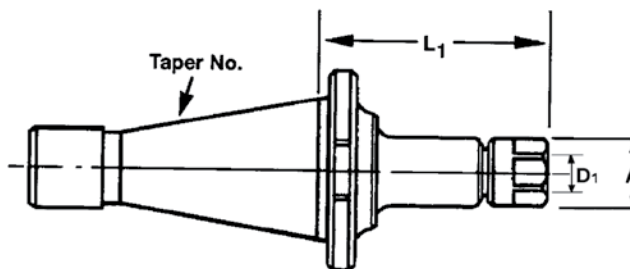


# NMTB - ECX (ER) Superflex Precision Collet Chucks

## NMTB Flange Tools

NMTB chuck flanges are qualified for use with Erickson QC spindles

Our ER/ECX collet chucks & extensions accept the following competitors collets: DR, ER, ESX, RD. For use with ER/ECX style collet. See pages 2-7 to 2-11 for collet information



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### NUT STYLES

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## NMTB

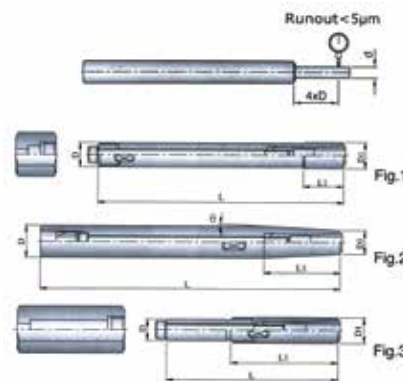
Taper	Order No.	Device Type	Collet Style	D <sub>1</sub> (in)	L <sub>1</sub> (in)	A (in)	Nut Style
30	684-017*	NMTB30QC - ECX/ER16-4.00	ECX/ER16	0.020 - 0.394	4.00	1.10	H
40	684-216	NMTB40QC - ECX/ER16-1.75	ECX/ER16	0.020 - 0.394	1.75	1.10	C
40	684-217	NMTB40QC - ECX/ER16-4.00	ECX/ER16	0.020 - 0.394	4.00	1.10	C
40	684-220	NMTB40QC - ECX/ER20-3.00	ECX/ER20	0.020 - 0.512	3.00	1.25	C
40	684-232	NMTB40QC - ECX/ER32-3.00	ECX/ER32	0.080 - 0.787	3.00	1.97	C
40	684-240	NMTB40QC - ECX/ER40-3.00	ECX/ER40	0.118 - 1.023	3.00	2.48	C
50	684-416*	NMTB50QC - ECX/ER16-4.00	ECX/ER16	0.020 - 0.394	4.00	1.10	C
50	684-432	NMTB50QC - ECX/ER32-4.00	ECX/ER32	0.080 - 0.787	4.00	1.97	C
50	684-440	NMTB50QC - ECX/ER40-4.00	ECX/ER40	0.118 - 1.023	4.00	2.48	C

\* While stock lasts

## DC Slim Cylindrical Shank Extensions & Collets (For End Mills)



Order No.	Device Type	Fig.	d	L	L1	D	D1	O	Collet	Spanner
460-062	ST10-DC6-80	3	2 - 6	80	50	10	13	-	DC6	30194-642 (M4)
460-063	ST12-DC6-120	1		120	20	12	13	-		30194-642 (M4)
460-064	ST16-DC6-150	2		150	38	16	13	3"		30194-642 (M4)
460-065	ST20-DC6-200	2		200	70	20	13	3"		30194-642 (M4)



## DC Collets for End Mills



The emphasized feature of DC-E Collets increases the clamping force onto the shank of the end mill to prevent tool slippage.



Order No.	L	øD
DC-4	31	7
DC-6	36	9.6
DC-8	45	15
DC-10	52	19.1
DC-12	60	22



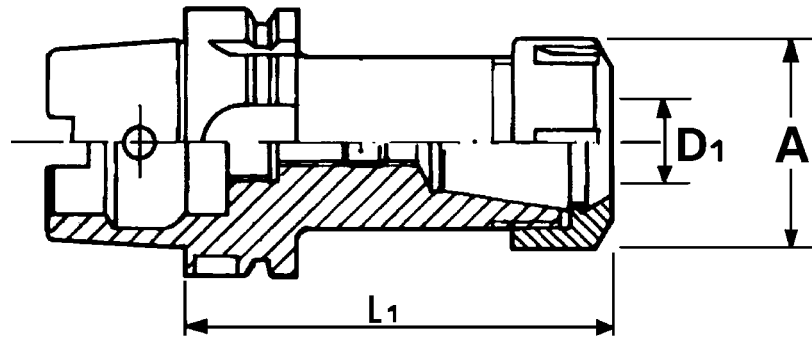
Order No.	Device Type	d
460-105	DC6-3E	3 mm
460-106	DC6-3.175E	1/8"
460-107	DC6-4E	4 mm
460-108	DC6-6E	6 mm
460-109	DC6-6.35E	1/4"



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HSK-A Flange Tools

3um - 0.0001" Runout Taper To Taper  
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## HSK-A

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NEW

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Taper	Order No.	Device Type	Fig #	Collet Style	D <sub>1</sub> Collet Range (in)	L <sub>1</sub> (in)	A (in)	Max RPM	Nut Style
63	584-512MA	HSK63A-ECX/ER11-4.00	1	ECX/ER11	0.020-0.276	4.00	0.629	25,000	M
63	584-515A	HSK63A-ECX/ER16-3.00	1	ECX/ER16	0.020-0.394	3.00	1.100	25,000	H
63	584-516A	HSK63A-ECX/ER16-4.00	1	ECX/ER16	0.020-0.394	4.00	1.100	25,000	H
63	584-517A	HSK63A-ECX/ER16-5.00	1	ECX/ER16	0.020-0.394	5.00	1.100	25,000	H
63	584-518A	HSK63A-ECX/ER16-6.00	1	ECX/ER16	0.020-0.394	6.00	1.100	25,000	H
63	584-520A	HSK63A-ECX/ER20-3.00	1	ECX/ER20	0.020-0.512	3.00	1.250	25,000	H
63	584-521A	HSK63A-ECX/ER20-4.00	1	ECX/ER20	0.020-0.512	4.00	1.250	25,000	H
63	584-522A	HSK63A-ECX/ER20-5.00	1	ECX/ER20	0.020-0.512	5.00	1.250	25,000	H
63	584-523A	HSK63A-ECX/ER20-6.00	1	ECX/ER20	0.020-0.512	6.00	1.250	25,000	H
63	584-525A	HSK63A-ECX/ER25-3.00	1	ECX/ER25	0.020-0.629	3.00	1.654	25,000	C
63	584-526A	HSK63A-ECX/ER25-4.00	1	ECX/ER25	0.020-0.629	4.00	1.654	25,000	C
63	584-527A	HSK63A-ECX/ER25-5.00	1	ECX/ER25	0.020-0.629	5.00	1.654	25,000	C
63	584-528A	HSK63A-ECX/ER25-6.00	1	ECX/ER25	0.020-0.629	6.00	1.654	25,000	C
63	584-532A	HSK63A-ECX/ER32-4.00	1	ECX/ER32	0.080-0.787	4.00	1.970	25,000	C
63	584-533A	HSK63A-ECX/ER32-6.00	1	ECX/ER32	0.080-0.787	6.00	1.100	25,000	C
63	584-540A	HSK63A-ECX/ER40-4.00	1	ECX/ER40	0.118-1.023	4.00	2.480	25,000	C
63	584-541A	HSK63A-ECX/ER40-6.00	1	ECX/ER40	0.118-1.023	6.00	2.480	25,000	C

NOTE: Achieving maximum rotation speed depends on the concentricity and symmetry of the cutting tool and the complete tool assembly.