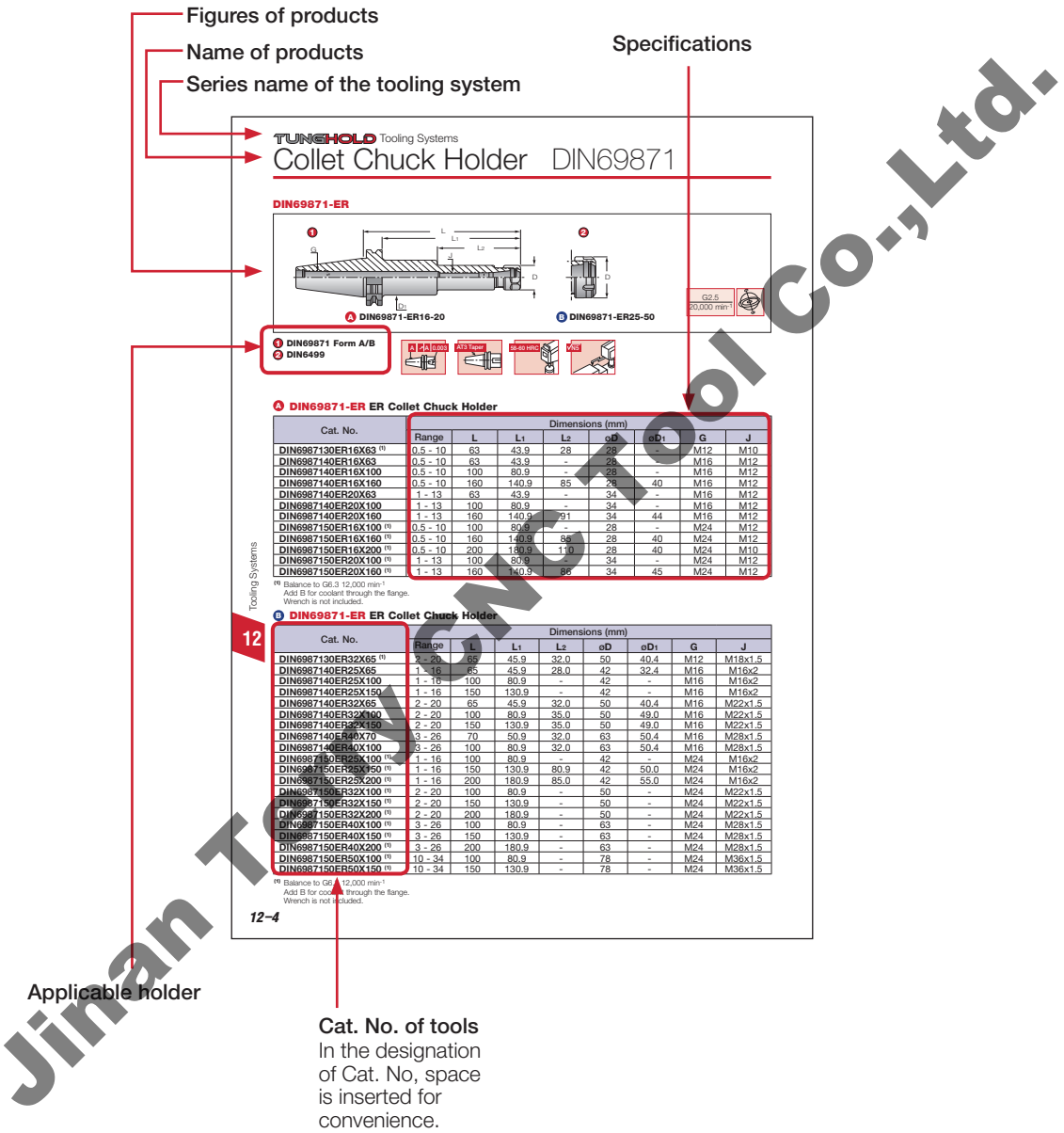
Chapter Composition of Tooling Systems

◆In this chapter, products are arranged by system. For details, refer to the index page of this chapter.

◆As an example, pages of TungHold tooling system are shown below.



■Ordering information

● When ordering tools of TungHold tooling system, please specify Cat. No. and quantity.
Example: **DIN69871 30 ER16X 63** 1 piece (Standard packing quantity is 1 piece.)

sales@jnterui.com

Guidance

12 Tooling Systems

Products

List of Tooling Systems

Tooling Systems

Tooling System

TUNGHOLD
TUNGCAP

- TungHold tooling system has a large variety of holders, collet chucks, endmill holders, face mill arbors which can be applied to any kind of machining application.
- Available unique function holders with adjustable diameter of indexable drill etc.
- Quick change polygon tool clamping system.

12-4

Parts

BEAMWRENCH

- Tungaloy has developed an innovative solution to tighten the torque screw to the correct torque. An LED light brightly illuminates when the required clamping torque has been achieved.

12-38

Boring Systems

Top-Borer tools

- Used for adjustable boring heads.
- Used for the application area of jig borer tools. (Min. bore diameter: ø5.5 mm)
- Available in three types of SEXP, SWUB and STUP.
- Carbide shank types are also available.

12-40

sales@jnterui.com

TUNGHOLD Tooling Systems

Quick change systems with polygon

TUNGCAP

- Quick change polygon tool clamping system.
- Extremely rigidity / high repeatability of the edge position.

12-26 ~

Collet chuck

TUNGSHORT

Holder available in 3 types: standard, short and high rigidity holder. Sealed collets are available in 3 types: precision, high precision and internal / external coolant type.

12-4 ~

Power chuck

TUNGMAX

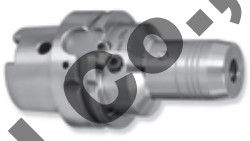
- High rigidity clamping with low torque.

12-13 ~

Hydraulic chuck

TUNGHYDRO

- High runout accuracy of less than 0.003 mm.



Quick change system

TUNGCLICK

- Quick and easy tool change system.

Modular tooling system

TUNGFLEX

- Works with various overhang lengths.
- General style.

TUNGFIT

- Highly rigid clamping.
- Quick-change style.

12-21 ~

TUNGDRILLTWISTED Adjustable holders

TUNGBORE Adjustable drilling diameter holder

- The diameter can be adjusted when used on a machining center.

12-20 ~

Centering tooling system

TUNGGYRO Center alignment collet chuck

- Adjusts the runout of drilling tools on the lathe.

TUNGGFI Floating reamer collet chuck

- Automatically adjusts the misalignment between reamer and prepared hole.

Balanceable collet chuck

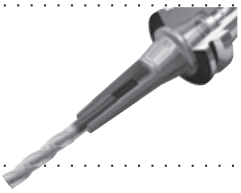
TUNGBALANCE

- Adjusts dynamic balance for high speed machining.

Thermal shrinking holder

TUNGSHRINK

- Available in various adapters for quick changovers.



Electrical nut-clamping torque control device

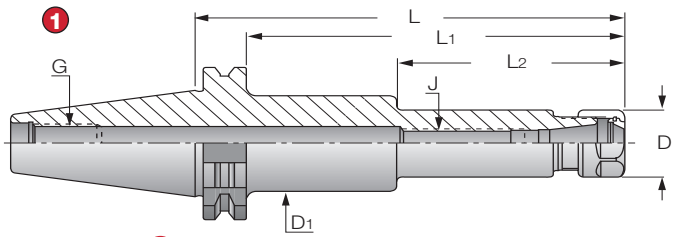
EASYLOCK

- Enables easy tool clamping / unclamping and maintains collet chuck accuracy.

Please refer to our Tungaloy Report of TungHold

Collet Chuck Holder DIN69871

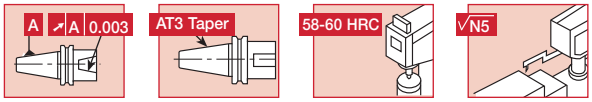
DIN69871-ER



A DIN69871-ER16-20 B DIN69871-ER25-50

G2.5
20,000 min-1

1 DIN69871 Form A/B
2 DIN6499



A DIN69871-ER ER Collet Chuck Holder

Cat. No.	Dimensions (mm)							
	Range	L	L1	L2	øD	øD1	G	J
DIN6987130ER16X63 (1)	0.5 - 10	63	43.9	28	28	-	M12	M10
DIN6987140ER16X63	0.5 - 10	63	43.9	-	28	-	M16	M12
DIN6987140ER16X100	0.5 - 10	100	80.9	-	28	-	M16	M12
DIN6987140ER16X160	0.5 - 10	160	140.9	85	28	40	M16	M12
DIN6987140ER20X63	1 - 13	63	43.9	-	34	-	M16	M12
DIN6987140ER20X100	1 - 13	100	80.9	-	34	-	M16	M12
DIN6987140ER20X160	1 - 13	160	140.9	91	34	44	M16	M12
DIN6987150ER16X100 (1)	0.5 - 10	100	80.9	-	28	-	M24	M12
DIN6987150ER16X160 (1)	0.5 - 10	160	140.9	85	28	40	M24	M12
DIN6987150ER16X200 (1)	0.5 - 10	200	180.9	110	28	40	M24	M10
DIN6987150ER20X100 (1)	1 - 13	100	80.9	-	34	-	M24	M12
DIN6987150ER20X160 (1)	1 - 13	160	140.9	86	34	45	M24	M12

(1) Balance to G6.3 12,000 min-1
Add B for coolant through the flange.
Wrench is not included.

B DIN69871-ER ER Collet Chuck Holder

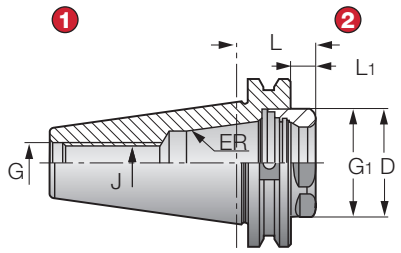
Cat. No.	Dimensions (mm)							
	Range	L	L1	L2	øD	øD1	G	J
DIN6987130ER32X65 (1)	2 - 20	65	45.9	32.0	50	40.4	M12	M18x1.5
DIN6987140ER25X65	1 - 16	65	45.9	28.0	42	32.4	M16	M16x2
DIN6987140ER25X100	1 - 16	100	80.9	-	42	-	M16	M16x2
DIN6987140ER25X150	1 - 16	150	130.9	-	42	-	M16	M16x2
DIN6987140ER32X65	2 - 20	65	45.9	32.0	50	40.4	M16	M22x1.5
DIN6987140ER32X100	2 - 20	100	80.9	35.0	50	49.0	M16	M22x1.5
DIN6987140ER32X150	2 - 20	150	130.9	35.0	50	49.0	M16	M22x1.5
DIN6987140ER40X70	3 - 26	70	50.9	32.0	63	50.4	M16	M28x1.5
DIN6987140ER40X100	3 - 26	100	80.9	32.0	63	50.4	M16	M28x1.5
DIN6987150ER25X100 (1)	1 - 16	100	80.9	-	42	-	M24	M16x2
DIN6987150ER25X150 (1)	1 - 16	150	130.9	80.9	42	50.0	M24	M16x2
DIN6987150ER25X200 (1)	1 - 16	200	180.9	85.0	42	55.0	M24	M16x2
DIN6987150ER32X100 (1)	2 - 20	100	80.9	-	50	-	M24	M22x1.5
DIN6987150ER32X150 (1)	2 - 20	150	130.9	-	50	-	M24	M22x1.5
DIN6987150ER32X200 (1)	2 - 20	200	180.9	-	50	-	M24	M22x1.5
DIN6987150ER40X100 (1)	3 - 26	100	80.9	-	63	-	M24	M28x1.5
DIN6987150ER40X150 (1)	3 - 26	150	130.9	-	63	-	M24	M28x1.5
DIN6987150ER40X200 (1)	3 - 26	200	180.9	-	63	-	M24	M28x1.5
DIN6987150ER50X100 (1)	10 - 34	100	80.9	-	78	-	M24	M36x1.5
DIN6987150ER50X150 (1)	10 - 34	150	130.9	-	78	-	M24	M36x1.5

(1) Balance to G6.3 12,000 min-1
Add B for coolant through the flange.
Wrench is not included.

sales@jnterui.com

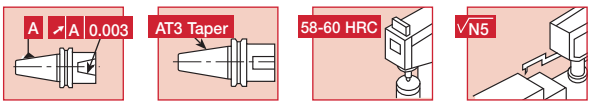
Collet Chuck Holder DIN69871

DIN69871-ER-SHORT



G2.5
20,000 min-1

1 **DIN69871 Form A**
2 **DIN6499 ER-SHORT**



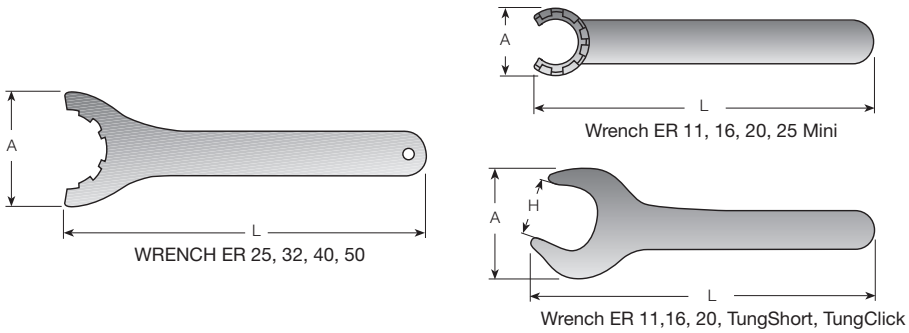
DIN69871-ER-SHORT Short ER Collet Chuck Holder

Cat. No.	Dimensions (mm)						
	Range	L	L1	øD	G1	G	J
DIN6987140ER32SHORT	2 - 20	28.6	9.5	40	M40x1.5	M16	M16
DIN6987140ER40SHORT	3 - 26	28.6	9.5	40	M50x1.5	M16	M16
DIN6987150ER32SHORT	2 - 20	28.6	9.5	40	M40x1.5	M24	M22x1.5
DIN6987150ER40SHORT	3 - 26	28.6	9.5	50	M50x1.5	M24	M28x1.5

Add B for coolant through the flange.
Wrench is not included.

Accessories

WRENCH-ER



WRENCH-ER Wrench for ER DIN 6499

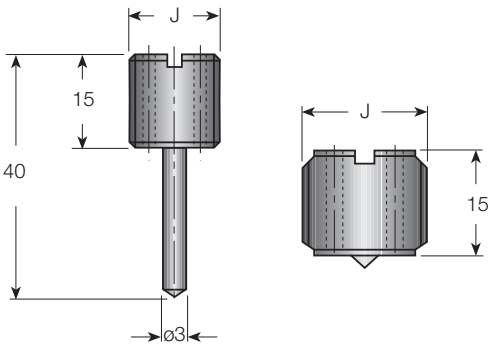
Cat. No.	Dimensions (mm)		
	A	H	L
WRENCHER11MINI	16.8	-	95
WRENCHER11	32	17	95
WRENCHER16MINI	22.5	-	117
WRENCHER16	42.8	25	143
WRENCHER20MINI	28	-	128
WRENCHER20	53.5	30	172
WRENCHER25MINI	29	-	120
WRENCHER25	70	-	207
WRENCHER32	78	-	255
WRENCHER40	95	-	285
WRENCHER50	110	-	350
WRENCHER32SHORT	75	36	303
WRENCHER40SHORT	94	46	378
WRENCHER32CLICKIN27	57	27	239
WRENCHER32CLICKIN32	67	32	273
WRENCHER20SHORTRING22	48	22	260

PRESET ER-JET

Preset Screws for ER Collet Chuck

Cat. No.	J (mm)	Fig.
PRESETER-JET8X1	M8X1.0	2
PRESETER-JET8X1.25	M8X1.25	2
PRESETER-JET10X1.5	M10X1.5	2
PRESETER-JET12X1	M12X1.0	2
PRESETER-JET12X1.75L	M12X1.75	1
PRESETER-JET12X1.75	M12X1.75	2
PRESETER-JET14X1	M14X1.0	2
PRESETER-JET16X2	M16X2	2
PRESETER-JET16X2L	M16X2	1
PRESETER-JET18X1	M18X1.0	2
PRESETER-JET18X1.5	M18X1.5	2
PRESETER-JET18X1.5L	M18X1.5	1
PRESETER-JET22X1.5	M22X1.5	2
PRESETER-JET22X1.5L	M22X1.5	1
PRESETER-JET28X1.5	M28X1.5	2

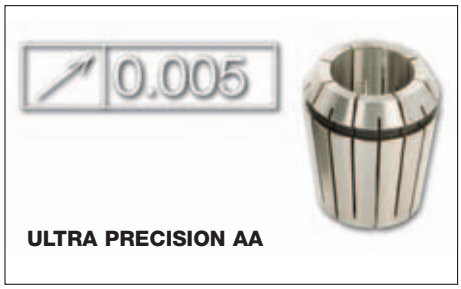
Fig. 1 Fig. 2



sales@jnterui.com

ER Collet

ER Spring Collet DIN 6499 (ULTRA PRECISION)



ER11, 16, 20-SPR-AA

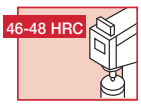
Cat. No	Range (mm)
ER11SPR0.5-1AA	0.5 - 1
ER11SPR1-2AA	1 - 2
ER11SPR2-3AA	2 - 3
ER11SPR3-4AA	3 - 4
ER11SPR4-5AA	4 - 5
ER11SPR5-6AA	5 - 6
ER11SPR6-7AA	6 - 7
ER16SPR0.5-1AA	0.5 - 1
ER16SPR1-2AA	1 - 2
ER16SPR2-3AA	2 - 3
ER16SPR3-4AA	3 - 4
ER16SPR4-5AA	4 - 5
ER16SPR5-6AA	5 - 6
ER16SPR6-7AA	6 - 7
ER16SPR7-8AA	7 - 8
ER16SPR8-9AA	8 - 9
ER16SPR9-10AA	9 - 10
ER20SPR1-2AA	1 - 2
ER20SPR2-3AA	2 - 3
ER20SPR3-4AA	3 - 4
ER20SPR4-5AA	4 - 5
ER20SPR5-6AA	5 - 6
ER20SPR6-7AA	6 - 7
ER20SPR7-8AA	7 - 8
ER20SPR8-9AA	8 - 9
ER20SPR9-10AA	9 - 10
ER20SPR10-11AA	10 - 11
ER20SPR11-12AA	11 - 12
ER20SPR12-13AA	12 - 13

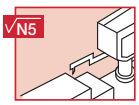
ER25, 32-SPR-AA

Cat. No	Range (mm)
ER25SPR1-2AA	1 - 2
ER25SPR2-3AA	2 - 3
ER25SPR3-4AA	3 - 4
ER25SPR4-5AA	4 - 5
ER25SPR5-6AA	5 - 6
ER25SPR6-7AA	6 - 7
ER25SPR7-8AA	7 - 8
ER25SPR8-9AA	8 - 9
ER25SPR9-10AA	9 - 10
ER25SPR10-11AA	10 - 11
ER25SPR11-12AA	11 - 12
ER25SPR12-13AA	12 - 13
ER25SPR13-14AA	13 - 14
ER25SPR14-15AA	14 - 15
ER25SPR15-16AA	15 - 16
ER32SPR2-3AA	2 - 3
ER32SPR3-4AA	3 - 4
ER32SPR4-5AA	4 - 5
ER32SPR5-6AA	5 - 6
ER32SPR6-7AA	6 - 7
ER32SPR7-8AA	7 - 8
ER32SPR8-9AA	8 - 9
ER32SPR9-10AA	9 - 10
ER32SPR10-11AA	10 - 11
ER32SPR11-12AA	11 - 12
ER32SPR12-13AA	12 - 13
ER32SPR13-14AA	13 - 14
ER32SPR14-15AA	14 - 15
ER32SPR15-16AA	15 - 16
ER32SPR16-17AA	16 - 17
ER32SPR17-18AA	17 - 18
ER32SPR18-19AA	18 - 19
ER32SPR19-20AA	19 - 20

ER40-SPR-AA

Cat. No	Range (mm)
ER40SPR3-4AA	3 - 4
ER40SPR4-5AA	4 - 5
ER40SPR5-6AA	5 - 6
ER40SPR6-7AA	6 - 7
ER40SPR7-8AA	7 - 8
ER40SPR8-9AA	8 - 9
ER40SPR9-10AA	9 - 10
ER40SPR10-11AA	10 - 11
ER40SPR11-12AA	11 - 12
ER40SPR12-13AA	12 - 13
ER40SPR13-14AA	13 - 14
ER40SPR14-15AA	14 - 15
ER40SPR15-16AA	15 - 16
ER40SPR16-17AA	16 - 17
ER40SPR17-18AA	17 - 18
ER40SPR18-19AA	18 - 19
ER40SPR19-20AA	19 - 20
ER40SPR20-21AA	20 - 21
ER40SPR21-22AA	21 - 22
ER40SPR22-23AA	22 - 23
ER40SPR23-24AA	23 - 24
ER40SPR24-25AA	24 - 25
ER40SPR25-26AA	25 - 26





ER Collet

ER Spring Collet DIN 6499

ER11, 16, 20-SPR

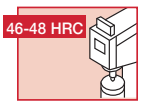
Cat. No	Range (mm)
ER11SPR0.5-1	0.5 - 1
ER11SPR1-2	1 - 2
ER11SPR2-3	2 - 3
ER11SPR3-4	3 - 4
ER11SPR4-5	4 - 5
ER11SPR5-6	5 - 6
ER11SPR6-7	6 - 7
ER16SPR0.5-1	0.5 - 1
ER16SPR1-2	1 - 2
ER16SPR2-3	2 - 3
ER16SPR3-4	3 - 4
ER16SPR4-5	4 - 5
ER16SPR5-6	5 - 6
ER16SPR6-7	6 - 7
ER16SPR7-8	7 - 8
ER16SPR8-9	8 - 9
ER16SPR9-10	9 - 10
ER20SPR1-2	1 - 2
ER20SPR2-3	2 - 3
ER20SPR3-4	3 - 4
ER20SPR4-5	4 - 5
ER20SPR5-6	5 - 6
ER20SPR6-7	6 - 7
ER20SPR7-8	7 - 8
ER20SPR8-9	8 - 9
ER20SPR9-10	9 - 10
ER20SPR10-11	10 - 11
ER20SPR11-12	11 - 12
ER20SPR12-13	12 - 13

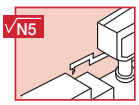
ER25, 32-SPR

Cat. No	Range (mm)
ER25SPR1-2	1 - 2
ER25SPR2-3	2 - 3
ER25SPR3-4	3 - 4
ER25SPR4-5	4 - 5
ER25SPR5-6	5 - 6
ER25SPR6-7	6 - 7
ER25SPR7-8	7 - 8
ER25SPR8-9	8 - 9
ER25SPR9-10	9 - 10
ER25SPR10-11	10 - 11
ER25SPR11-12	11 - 12
ER25SPR12-13	12 - 13
ER25SPR13-14	13 - 14
ER25SPR14-15	14 - 15
ER25SPR15-16	15 - 16
ER32SPR2-3	2 - 3
ER32SPR3-4	3 - 4
ER32SPR4-5	4 - 5
ER32SPR5-6	5 - 6
ER32SPR6-7	6 - 7
ER32SPR7-8	7 - 8
ER32SPR8-9	8 - 9
ER32SPR9-10	9 - 10
ER32SPR10-11	10 - 11
ER32SPR11-12	11 - 12
ER32SPR12-13	12 - 13
ER32SPR13-14	13 - 14
ER32SPR14-15	14 - 15
ER32SPR15-16	15 - 16
ER32SPR16-17	16 - 17
ER32SPR17-18	17 - 18
ER32SPR18-19	18 - 19
ER32SPR19-20	19 - 20

ER40, 50-SPR

Cat. No	Range (mm)
ER40SPR3-4	3 - 4
ER40SPR4-5	4 - 5
ER40SPR5-6	5 - 6
ER40SPR6-7	6 - 7
ER40SPR7-8	7 - 8
ER40SPR8-9	8 - 9
ER40SPR9-10	9 - 10
ER40SPR10-11	10 - 11
ER40SPR11-12	11 - 12
ER40SPR12-13	12 - 13
ER40SPR13-14	13 - 14
ER40SPR14-15	14 - 15
ER40SPR15-16	15 - 16
ER40SPR16-17	16 - 17
ER40SPR17-18	17 - 18
ER40SPR18-19	18 - 19
ER40SPR19-20	19 - 20
ER40SPR20-21	20 - 21
ER40SPR21-22	21 - 22
ER40SPR22-23	22 - 23
ER40SPR23-24	23 - 24
ER40SPR24-25	24 - 25
ER40SPR25-26	25 - 26
ER50SPR10-12	10 - 12
ER50SPR12-14	12 - 14
ER50SPR14-16	14 - 16
ER50SPR16-18	16 - 18
ER50SPR18-20	18 - 20
ER50SPR20-22	20 - 22
ER50SPR22-24	22 - 24
ER50SPR24-26	24 - 26
ER50SPR26-28	26 - 28
ER50SPR28-30	28 - 30
ER50SPR30-32	30 - 32
ER50SPR32-34	32 - 34





sales@jnterui.com

ER Collet, internal coolant

ER Collet - Sealed JET Collets 10 Mpa

ER16, 20, 25-SEAL

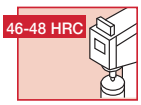
Cat. No	Range (mm)
ER16SEAL3-4	3 - 4
ER16SEAL4-5	4 - 5
ER16SEAL5-6	5 - 6
ER16SEAL6-7	6 - 7
ER16SEAL7-8	7 - 8
ER16SEAL8-9	8 - 9
ER16SEAL9-10	9 - 10
ER20SEAL3-4	3 - 4
ER20SEAL4-5	4 - 5
ER20SEAL5-6	5 - 6
ER20SEAL6-7	6 - 7
ER20SEAL7-8	7 - 8
ER20SEAL8-9	8 - 9
ER20SEAL9-10	9 - 10
ER20SEAL10-11	10 - 11
ER20SEAL11-12	11 - 12
ER20SEAL12-13	12 - 13
ER25SEAL3-4	3 - 4
ER25SEAL4-5	4 - 5
ER25SEAL5-6	5 - 6
ER25SEAL6-7	6 - 7
ER25SEAL7-8	7 - 8
ER25SEAL8-9	8 - 9
ER25SEAL9-10	9 - 10
ER25SEAL10-11	10 - 11
ER25SEAL11-12	11 - 12
ER25SEAL12-13	12 - 13
ER25SEAL13-14	13 - 14
ER25SEAL14-15	14 - 15
ER25SEAL15-16	15 - 16

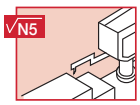
ER32-SEAL

Cat. No	Range (mm)
ER32SEAL3-4	3 - 4
ER32SEAL4-5	4 - 5
ER32SEAL5-6	5 - 6
ER32SEAL6-7	6 - 7
ER32SEAL7-8	7 - 8
ER32SEAL8-9	8 - 9
ER32SEAL9-10	9 - 10
ER32SEAL10-11	10 - 11
ER32SEAL11-12	11 - 12
ER32SEAL12-13	12 - 13
ER32SEAL13-14	13 - 14
ER32SEAL14-15	14 - 15
ER32SEAL15-16	15 - 16
ER32SEAL16-17	16 - 17
ER32SEAL17-18	17 - 18
ER32SEAL18-19	18 - 19
ER32SEAL19-20	19 - 20

ER40-SEAL

Cat. No	Range (mm)
ER40SEAL3-4	3 - 4
ER40SEAL4-5	4 - 5
ER40SEAL5-6	5 - 6
ER40SEAL6-7	6 - 7
ER40SEAL7-8	7 - 8
ER40SEAL8-9	8 - 9
ER40SEAL9-10	9 - 10
ER40SEAL10-11	10 - 11
ER40SEAL11-12	11 - 12
ER40SEAL12-13	12 - 13
ER40SEAL13-14	13 - 14
ER40SEAL14-15	14 - 15
ER40SEAL15-16	15 - 16
ER40SEAL16-17	16 - 17
ER40SEAL17-18	17 - 18
ER40SEAL18-19	18 - 19
ER40SEAL19-20	19 - 20
ER40SEAL20-21	20 - 21
ER40SEAL21-22	21 - 22
ER40SEAL22-23	22 - 23
ER40SEAL23-24	23 - 24
ER40SEAL24-25	24 - 25
ER40SEAL25-26	25 - 26





ER Collet, external coolant

ER Collet - Sealed JET2 Collets 10 Mpa

ER16, 20, 25-SEAL-JET2

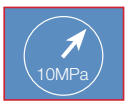
Cat. No	Range (mm)
ER16SEAL3-4JET2	3 - 4
ER16SEAL4-5JET2	4 - 5
ER16SEAL5-6JET2	5 - 6
ER16SEAL6-7JET2	6 - 7
ER16SEAL7-8JET2	7 - 8
ER16SEAL8-9JET2	8 - 9
ER16SEAL9-10JET2	9 - 10
ER20SEAL3-4JET2	3 - 4
ER20SEAL4-5JET2	4 - 5
ER20SEAL5-6JET2	5 - 6
ER20SEAL6-7JET2	6 - 7
ER20SEAL7-8JET2	7 - 8
ER20SEAL8-9JET2	8 - 9
ER20SEAL9-10JET2	9 - 10
ER20SEAL10-11JET2	10 - 11
ER20SEAL11-12JET2	11 - 12
ER20SEAL12-13JET2	12 - 13
ER25SEAL3-4JET2	3 - 4
ER25SEAL4-5JET2	4 - 5
ER25SEAL5-6JET2	5 - 6
ER25SEAL6-7JET2	6 - 7
ER25SEAL7-8JET2	7 - 8
ER25SEAL8-9JET2	8 - 9
ER25SEAL9-10JET2	9 - 10
ER25SEAL10-11JET2	10 - 11
ER25SEAL11-12JET2	11 - 12
ER25SEAL12-13JET2	12 - 13
ER25SEAL13-14JET2	13 - 14
ER25SEAL14-15JET2	14 - 15
ER25SEAL15-16JET2	15 - 16

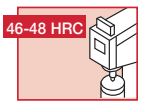
ER32-SEAL-JET2

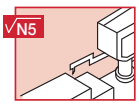
Cat. No	Range (mm)
ER32SEAL3-4JET2	3 - 4
ER32SEAL4-5JET2	4 - 5
ER32SEAL5-6JET2	5 - 6
ER32SEAL6-7JET2	6 - 7
ER32SEAL7-8JET2	7 - 8
ER32SEAL8-9JET2	8 - 9
ER32SEAL9-10JET2	9 - 10
ER32SEAL10-11JET2	10 - 11
ER32SEAL11-12JET2	11 - 12
ER32SEAL12-13JET2	12 - 13
ER32SEAL13-14JET2	13 - 14
ER32SEAL14-15JET2	14 - 15
ER32SEAL15-16JET2	15 - 16
ER32SEAL16-17JET2	16 - 17
ER32SEAL17-18JET2	17 - 18
ER32SEAL18-19JET2	18 - 19
ER32SEAL19-20JET2	19 - 20

ER40-SEAL-JET2

Cat. No	Range (mm)
ER40SEAL3-4JET2	3 - 4
ER40SEAL4-5JET2	4 - 5
ER40SEAL5-6JET2	5 - 6
ER40SEAL6-7JET2	6 - 7
ER40SEAL7-8JET2	7 - 8
ER40SEAL8-9JET2	8 - 9
ER40SEAL9-10JET2	9 - 10
ER40SEAL10-11JET2	10 - 11
ER40SEAL11-12JET2	11 - 12
ER40SEAL12-13JET2	12 - 13
ER40SEAL13-14JET2	13 - 14
ER40SEAL14-15JET2	14 - 15
ER40SEAL15-16JET2	15 - 16
ER40SEAL16-17JET2	16 - 17
ER40SEAL17-18JET2	17 - 18
ER40SEAL18-19JET2	18 - 19
ER40SEAL19-20JET2	19 - 20
ER40SEAL20-21JET2	20 - 21
ER40SEAL21-22JET2	21 - 22
ER40SEAL22-23JET2	22 - 23
ER40SEAL23-24JET2	23 - 24
ER40SEAL24-25JET2	24 - 25
ER40SEAL25-26JET2	25 - 26
ER40SPR25-26AA	25 - 26







sales@jnterui.com

ER Collet

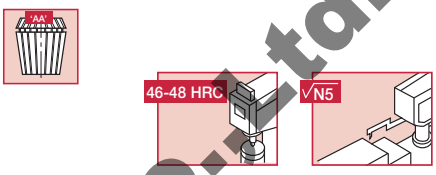
ER Spring Collet Sets

SET ER-SPR Spring Collet DIN6499

Cat. No.	Pcs.	Range (mm)
SETER11SPR7	7	0.5 - 7
SETER16SPR10	10	0.5 - 10
SETER20SPR12	12	1 - 13
SETER25SPR15	15	1 - 16
SETER32SPR18	18	2 - 20
SETER40SPR23	23	3 - 26
SETER50SPR12	12	10 - 34

SET ER-SPR-AA Spring Collet DIN6499 AA (Ultra Precision)

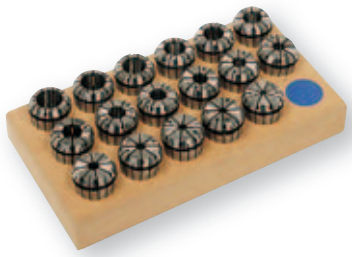
Cat. No.	Pcs.	Range (mm)
SETER11SPR7AA	7	0.5 - 7
SETER16SPR10AA	10	0.5 - 10
SETER20SPR12AA	12	1 - 13
SETER25SPR15AA	15	1 - 16
SETER32SPR18AA	18	2 - 20
SETER40SPR23AA	23	3 - 26



ER Coolant - Sealed Jet type Collet Sets

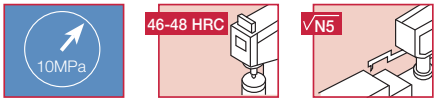
SET ER-SEAL Collet

Cat. No.	Pcs.	Range (mm)
SETER16SEAL7	7	3 - 10
SETER20SEAL10	10	3 - 13
SETER25SEAL13	13	3 - 16
SETER32SEAL17	17	3 - 20
SETER40SEAL23	23	3 - 26



SET ER-SEAL-JET2 Collet DIN6499 (External Coolant)

Cat. No.	Pcs.	Range (mm)
SETER16SEAL7JET2	7	3 - 10
SETER20SEAL10JET2	10	3 - 13
SETER25SEAL13JET2	13	3 - 16
SETER32SEAL17JET2	17	3 - 20
SETER40SEAL23JET2	23	3 - 26



ER Spring Collet Sets DIN6499

SET ER-SPR-EM (1)

Cat. No.	Pcs.	Collet Sizes (mm)
SETER16SPR8EM	8	3, 4, 5, 6, 7, 8, 9, 10
SETER20SPR5EM	5	4, 6, 8, 10, 12
SETER25SPR6EM	6	4, 6, 8, 10, 12, 16
SETER32SPR6EM	6	6, 8, 10, 12,16, 20
SETER40SPR7EM	7	6, 8, 10, 12, 16, 20, 25

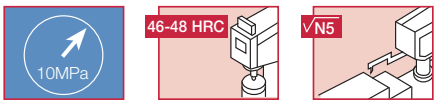
(1) Contains popular endmill sizes only.

ER Coolant - Sealed type Jet Collet Sets (Internal Coolant)

SET ER-SEAL-EM (1)

Cat. No.	Pcs.	Collet Sizes (mm)
SETER16SEAL5EM	5	4, 5, 6, 8, 10
SETER20SEAL5EM	5	4, 6, 8, 10, 12
SETER25SEAL6EM	6	4, 6, 8, 10, 12, 16
SETER32SEAL6EM	6	6, 8, 10, 12, 16, 20
SETER40SEAL7EM	7	6, 8, 10, 12, 16, 20, 25

(1) Contains popular endmill sizes only.



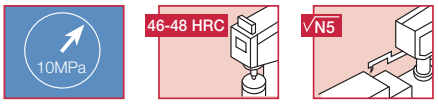
ER Collet

ER Coolant - Sealed type Jet Collet Sets (External Coolant)

SET ER-SEAL-EM JET2 (1)

Cat. No.	Pcs.	Collet Sizes (mm)
SETER16SEAL5EMJET2	5	4, 5, 6, 8, 10
SETER20SEAL5EMJET2	5	4, 6, 8, 10, 12
SETER25SEAL6EMJET2	6	4, 6, 8, 10, 12, 16
SETER32SEAL6EMJET2	6	6, 8, 10, 12, 16, 20
SETER40SEAL7EMJET2	7	6, 8, 10, 12, 16, 20, 25

(1) Contains popular endmill sizes only.

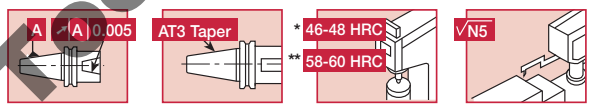


Taper Shank ER Collet type and Collet Kits

KIT

Cat. No.	Pcs.	Range (mm)
KITR-810ER16	10	0.5 - 10
KITR-818ER32	18	2 - 20
KITR-823ER40	23	3 - 26
KITDIN20803018ER32	18	2 - 20
KITDIN20804018ER32	18	2 - 20
KITDIN20803023ER40	23	3 - 26
KITDIN20804023ER40	23	3 - 26
KITDIN20805023ER40	23	3 - 26
KITDIN20804012ER50	12	10 - 34
KITDIN20805012ER50	12	10 - 34
KITMT318ER32	18	2 - 20
KITMT418ER32	18	2 - 20
KITMT423ER40	23	3 - 26

Each kit contains one collet chuck, a full set of ER collets and a Wrench.



* Collet
** Toolholder

Straight Shank ER Collet type and Collet Kits

KIT ST-ER-Mini MINI Collet Chuck type DIN6499

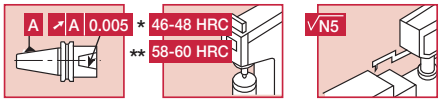
Cat. No.	Pcs.	Range (mm)
KITST12X807ER11M	7	0.5 - 7
KITST12X8010ER16M	10	0.5 - 10
KITST16X507ER11MF	7	0.5 - 7
KITST16X1007ER11M	7	0.5 - 7
KITST16X1507ER11M	7	0.5 - 7
KITST20X10010ER16M	10	0.5 - 10
KITST20X15010ER16M	10	0.5 - 10
KITST20X10012ER20M	12	1 - 12
KITST20X15012ER20M	12	1 - 12

Each kit contains one collet chuck, a full set of ER collets and a Wrench
F indicates a flat on the shank.

KIT ST-ER Collet Chuck type DIN6499

Cat. No.	Pcs.	Range (mm)
KITST16X507ER11F	7	0.5 - 7
KITST20X507ER11F	7	0.5 - 7
KITST20X1007ER11	7	0.5 - 7
KITST20X1507ER11	7	0.5 - 7
KITST20X5010ER16F	10	0.5 - 10
KITST20X10010ER16	10	0.5 - 10
KITST20X15010ER16	10	0.5 - 10
KITST20X5012ER20F	12	1 - 12
KITST25X10012ER20	12	1 - 12

Each kit contains one collet chuck, a full set of ER collets and a Wrench
F indicates a flat on the shank.

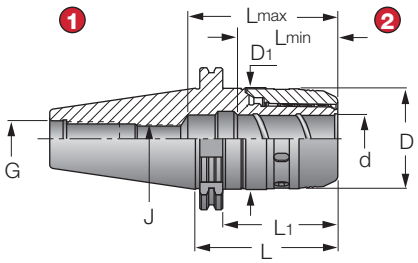


* Collet
** Toolholder

sales@jnterui.com

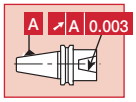
TUNGMAX Endmill Chuck Holder

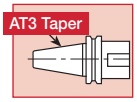
DIN69871-MAX

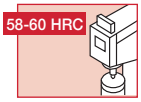


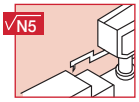
G6.3
10,000 min-1

1 **DIN69871 Form A/B**
2 **TungMax**









DIN69871-MAX Power Chuck Holder

Cat. No.	Dimensions (mm)									
	Range	ød	øD	øD1	L	L1	Lmin	Lmax	J	G
DIN6987140TUNGMAX20x95	6 - 20	20	51	53	95	76	56	69	M16	M16
DIN6987140TUNGMAX32x106	6 - 32	32	69	70	106	87	70	83	M16	M16
DIN6987150TUNGMAX20x105 (1)	6 - 20	20	51	53	105	86	56	69	M16	M24
DIN6987150TUNGMAX32x100 (1)	6 - 32	32	69	70	100	81	70	84	M20x2	M24
DIN6987150TUNGMAX32x135 (1)	6 - 32	32	69	70	135	116	71	85	M20x2	M24

Add B for coolant through the flange.
(1) Balanced to G6.3 8,000 min-1
Wrench is not included.

Preset Screw for Power Chuck

SC-SPR

Fig 1

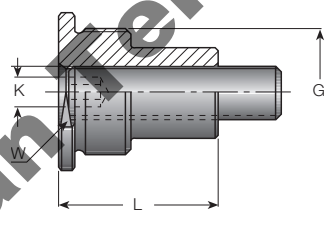
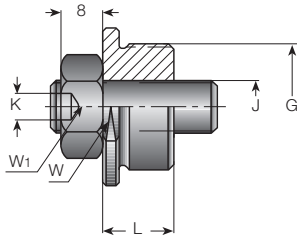


Fig 2

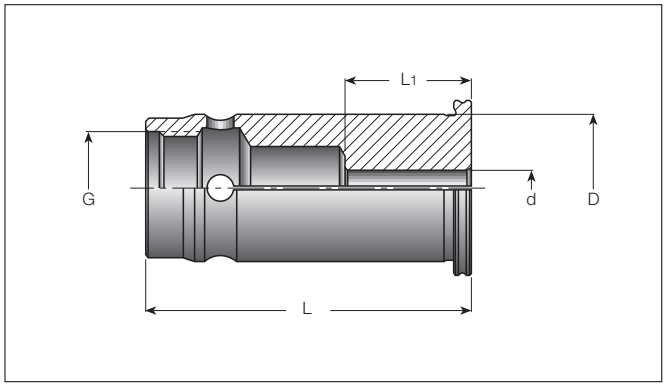


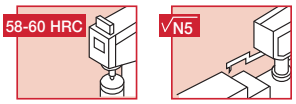
PRESET SC CAP Preset Screw for SC Collets (Power Chuck)

Cat. No.	Dimensions (mm)					Fig.	Wrench	Collet size
	L	W	J	G	Collet Range			
PRESETSCCAP8x1.25L	28	16	M8x25	M16	6 - 8	1	4	SC20
PRESETSCCAP8x1.25	15	16	M8x25	M16	10 - 16	2	4	
PRESETSCCAP10x1.5L	30.0	27	M10x30	M24x1.5	6 - 14	1	5	SC20
PRESETSCCAP10x1.5	13.5	27	M10x30	M24x1.5	16 - 25	2	5	

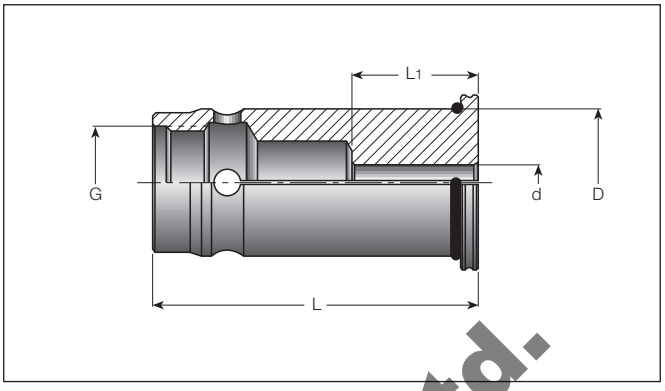
TUNGMAX Collets for Power Chuck

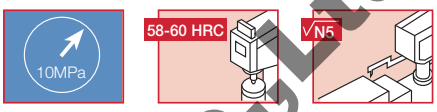
A SC-SPR





B SC-SEAL





A SC-SPR SC Straight Collet - Metric

Cat. No.	Dimensions (mm)				
	ød	øD	L	L1	G
SC20SPR6	6	20	60	28	M16
SC20SPR8	8	20	60	28	M16
SC20SPR10	10	20	60	35	M16
SC20SPR12	12	20	60	40	M16
SC20SPR14	14	20	60	40	M16
SC20SPR15	15	20	60	40	M16
SC20SPR16	16	20	60	39	M16
SC32SPR6	6	32	72	28	M24x1.5
SC32SPR8	8	32	72	28	M24x1.5
SC32SPR10	10	32	72	35	M24x1.5
SC32SPR12	12	32	72	40	M24x1.5
SC32SPR14	14	32	72	40	M24x1.5
SC32SPR15	15	32	72	40	M24x1.5
SC32SPR16	16	32	72	44	M24x1.5
SC32SPR18	18	32	72	44	M24x1.5
SC32SPR19	19	32	72	44	M24x1.5
SC32SPR20	20	32	72	46	M24x1.5
SC32SPR24	84	32	72	45	M24x1.5
SC32SPR25	25	32	72	51	M24x1.5

B SC-SEAL SC Sealed Straight Collet - Metric

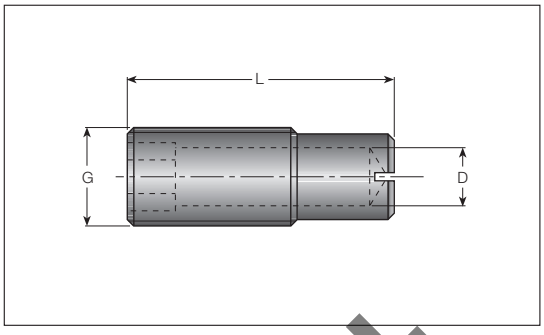
Cat. No.	Dimensions (mm)				
	ød	øD	L	L1	G
SC20SEAL6	6	20	60	28	M16
SC20SEAL8	8	20	60	28	M16
SC20SEAL10	10	20	60	35	M16
SC20SEAL12	12	20	60	40	M16
SC20SEAL14	14	20	60	40	M16
SC20SEAL15	15	20	60	40	M16
SC20SEAL16	16	20	60	39	M16
SC32SEAL6	6	32	72	28	M24x1.5
SC32SEAL8	8	32	72	28	M24x1.5
SC32SEAL10	10	32	72	35	M24x1.5
SC32SEAL12	12	32	72	40	M24x1.5
SC32SEAL14	14	32	72	40	M24x1.5
SC32SEAL15	15	32	72	40	M24x1.5
SC32SEAL16	16	32	72	44	M24x1.5
SC32SEAL18	18	32	72	44	M24x1.5
SC32SEAL19	19	32	72	44	M24x1.5
SC32SEAL20	20	32	72	46	M24x1.5
SC32SEAL24	24	32	72	46	M24x1.5
SC32SEAL25	25	32	72	51	M24x1.5

sales@jnterui.com

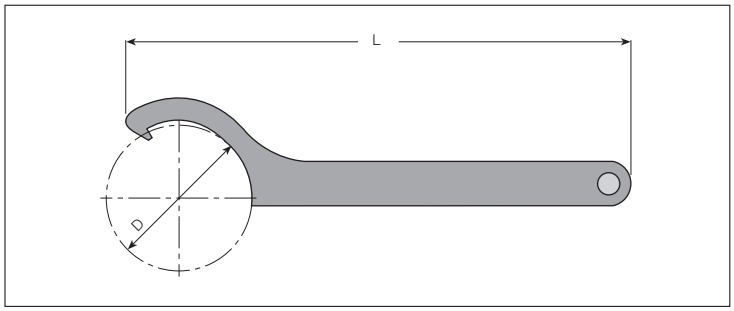
TUNGMAX Accessories

Preset Screw for TungMax

Cat. No.	Dimensions (mm)			
	G	L	øD	K
PRESETTUNGMAX16X30	M16	30	8	8
PRESETTUNGMAX16X44	M16	44	8	8
PRESETTUNGMAX20X55	M20	55	12	12

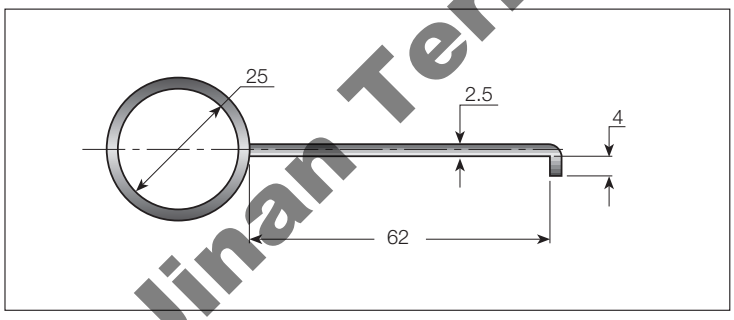


Wrench for TungMax Collets



Cat. No.	Dimensions (mm)	
	øD	L
WRENCHTUNGMAX20HOOK	26	205
WRENCHTUNGMAX32HOOK	68	240

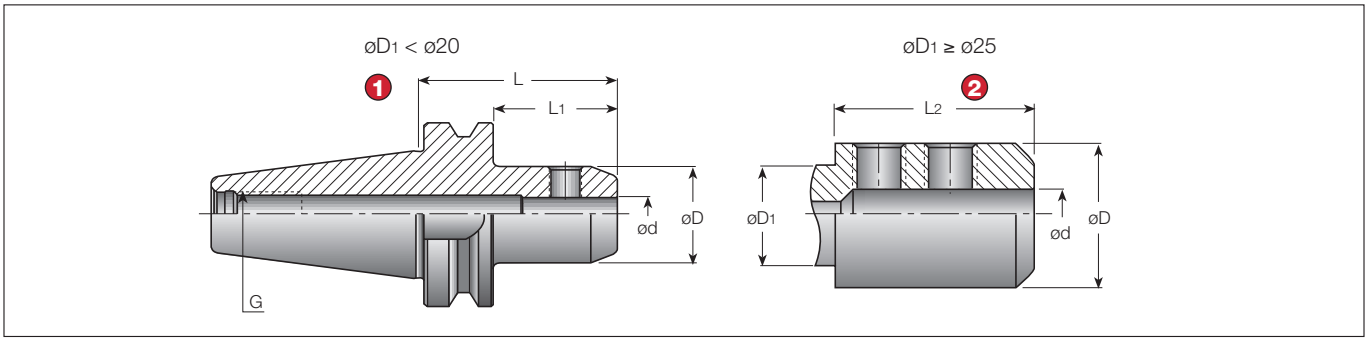
SC Collet Extracting Hook for TungMax



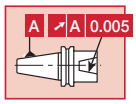
Cat. No.
EXTRACTORSCCOLLETS

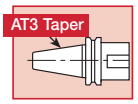
Side Lock Endmill Chuck Holder

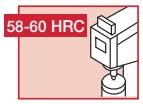
DIN69871-EM

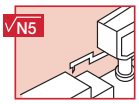


1 **DIN69871 Form A/B**
2 **DIN6359**
DIN1835 Form B (Weldon type)









DIN69871-EM Endmill Chuck Holder (Weldon type)

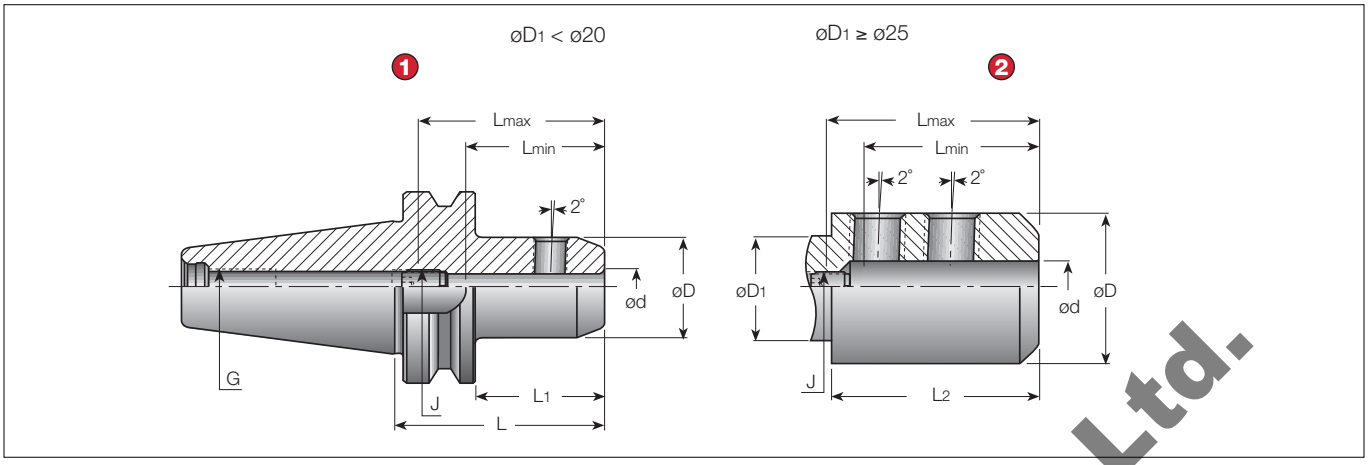
Cat. No.	Dimensions (mm)						
	ød	øD	øD1	L	L1	L2	G
DIN6987130EM6X50	6	25	-	50	30.9	-	M12
DIN6987130EM8X50	8	28	-	50	30.9	-	M12
DIN6987130EM10X50	10	35	-	50	30.9	-	M12
DIN6987130EM14X63	14	44	-	63	43.9	-	M12
DIN6987130EM16X63	16	48	-	63	43.9	-	M12
DIN6987130EM18X72	18	50	-	72	52.9	-	M12
DIN6987130EM20X72	20	52	-	72	52.9	-	M12
DIN6987140EM6X50	6	25	-	50	30.9	-	M16
DIN6987140EM6X50B	6	25	-	50	30.9	-	M16
DIN6987140EM8X50	8	28	-	50	30.9	-	M16
DIN6987140EM8X50B	8	28	-	50	30.9	-	M16
DIN6987140EM10X50	10	35	-	50	30.9	-	M16
DIN6987140EM12X50	12	42	-	50	30.9	-	M16
DIN6987140EM12X50B	12	42	-	50	30.9	-	M16
DIN6987140EM14X63	14	44	-	63	43.9	-	M16
DIN6987140EM16X63	16	48	-	63	43.9	-	M16
DIN6987140EM16X63B	16	48	-	63	43.9	-	M16
DIN6987140EM18X63	18	50	-	63	43.9	-	M16
DIN6987140EM18X63B	18	50	-	63	43.9	-	M16
DIN6987140EM20X63	20	52	-	63	43.9	-	M16
DIN6987140EM20X63B	20	52	-	63	43.9	-	M16
DIN6987140EM25X100	25	65	49.0	100	80.9	65	M16
DIN6987140EM25X100B	25	65	49.0	100	80.9	65	M16
DIN6987140EM32X100	32	71	49.0	100	80.9	65	M16
DIN6987140EM32X100B	32	71	49.0	100	80.9	65	M16
DIN6987150EM6X63	6	25	-	63	43.9	-	M24
DIN6987150EM8X63	8	28	-	63	43.9	-	M24
DIN6987150EM10X63	10	35	-	63	43.9	-	M24
DIN6987150EM10X63B	10	35	-	63	43.9	-	M24
DIN6987150EM12X63	12	42	-	63	43.9	-	M24
DIN6987150EM12X63B	12	42	-	63	43.9	-	M24
DIN6987150EM14X63	14	44	-	63	43.9	-	M24
DIN6987150EM14X63B	14	44	-	63	43.9	-	M24
DIN6987150EM16X63	16	48	-	63	43.9	-	M24
DIN6987150EM16X63B	16	48	-	63	43.9	-	M24
DIN6987150EM18X63	18	50	-	63	43.9	-	M24
DIN6987150EM18X63B	18	50	-	63	43.9	-	M24
DIN6987150EM20X63	20	52	-	63	43.9	-	M24
DIN6987150EM20X63B	20	52	-	63	43.9	-	M24
DIN6987150EM25X80	25	65	-	80	60.9	-	M24
DIN6987150EM25X80B	25	65	-	80	60.9	-	M24
DIN6987150EM32X100	32	72	-	100	80.9	-	M24
DIN6987150EM32X100B	32	72	-	100	80.9	-	M24
DIN6987150EM40X100	40	90	79.9	100	80.9	43	M24
DIN6987150EM40X100B	40	90	79.9	100	80.9	43	M24
DIN6987150EM50X125	50	98	79.9	125	105.9	90	M24
DIN6987150EM50X125B	50	98	79.9	125	105.9	90	M24

Add B for coolant through the flange.

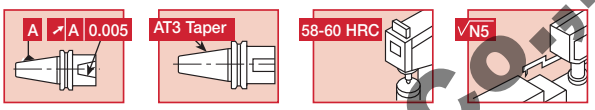
sales@jnterui.com

Side Lock Drill Chuck Holder

DIN69871-EM-E



1. **DIN69871 Form A/B**
2. **DIN6359**
   DIN1835 Form E (whistle notch type)



DIN69871-EM-E Drill Chuck Holder (whistle notch type)

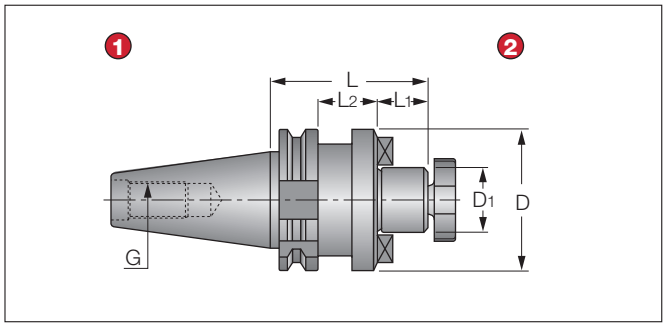
Cat. No.	Dimensions (mm)										Key
	ød	øD	øD1	L	L1	L2	Lmin	Lmax	J (1)	G	
DIN6987140EM8X50E	8	28	-	50	30.9	-	35	45	M6	M16	3
DIN6987140EM10X50E	10	35	-	50	30.9	-	39	49	M8	M16	4
DIN6987140EM12X50E	12	42	-	50	30.9	-	44	54	M10	M16	5
DIN6987140EM14X63E	14	44	-	63	43.9	-	44	54	M10	M16	5
DIN6987140EM16X63E	16	48	-	63	43.9	-	47	57	M12	M16	6
DIN6987140EM18X63E	18	50	-	63	43.9	-	47	57	M12	M16	6
DIN6987140EM20X63E	20	52	-	63	43.9	-	49	59	M16	M16	8
DIN6987140EM20X63EB	20	52	-	63	43.9	-	49	59	M16	M16	8
DIN6987140EM25X100E	25	64	49.0	100	80.9	65	54	64	M20X1.5	M16	10
DIN6987140EM25X100EB	25	64	49.0	100	80.9	65	54	64	M20X1.5	M16	10
DIN6987140EM32X100E	32	71	49.0	100	80.9	65	58	68	M20X1.5	M16	10
DIN6987150EM8X63E	8	28	-	63	43.9	-	35	45	M6	M24	3
DIN6987150EM10X63E	10	35	-	63	43.9	-	39	49	M8	M24	4
DIN6987150EM12X63E	12	42	-	63	43.9	-	44	54	M10	M24	5
DIN6987150EM14X63E	14	44	-	63	43.9	-	44	54	M10	M24	5
DIN6987150EM16X63E	16	48	-	63	43.9	-	47	57	M12	M24	6
DIN6987150EM18X63E	18	50	-	63	43.9	-	47	57	M12	M24	6
DIN6987150EM20X63E	20	52	-	63	43.9	-	49	59	M16	M24	8
DIN6987150EM20X63EB	20	52	-	63	43.9	-	49	59	M16	M24	8
DIN6987150EM25X80E	25	65	-	80	60.9	-	54	64	M20X1.5	M24	10
DIN6987150EM25X80EB	25	65	-	80	60.9	-	54	64	M20X1.5	M24	10
DIN6987150EM32X100E	32	72	-	100	80.9	-	58	68	M20X1.5	M24	10
DIN6987150EM32X100EB	32	72	-	100	80.9	-	58	68	M20X1.5	M24	10
DIN6987150EM40X100E	40	90	79.9	100	80.9	43	68	78	M20X1.5	M24	10
DIN6987150EM40X100EB	40	90	79.9	100	80.9	43	68	78	M20X1.5	M24	10
DIN6987150EM50X125EB	50	98	79.9	125	105.9	90	78	88	M20X1.5	M24	10

Add B for coolant through the flange.

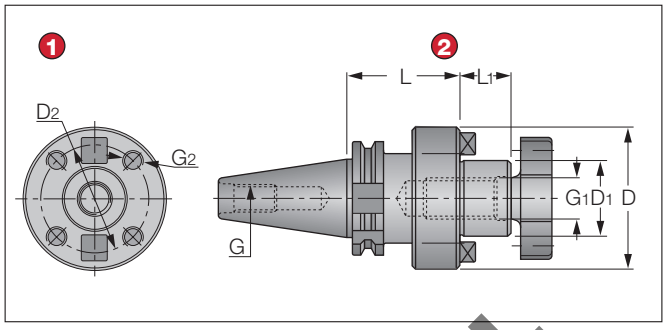
(1) The adjustment screw has an internal coolant hole.

Shell / Face Mill Holder DIN69871

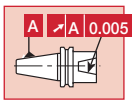
A DIN69871-SEM

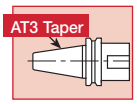


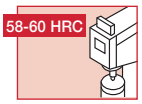
B DIN69871-FM

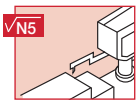


1 DIN69871 Form A
2 ISO 3937









1 DIN69871 Form A
2 DIN6357

A DIN69871-SEM Shell Mill Holder

Cat. No.	Dimensions (mm)					
	øD1	øD	L	L1	L2	G
DIN6987130SEM16X35	16	38	35	17	15.9	M12
DIN6987130SEM22X50	22	47	50	19	30.9	M12
DIN6987130SEM27X50	27	58	50	21	30.9	M12
DIN6987140SEM16X35	16	38	35	17	15.9	M16
DIN6987140SEM22X35	22	47	35	19	15.9	M16
DIN6987140SEM27X60	27	58	60	21	40.9	M16
DIN6987140SEM32X60	32	66	60	24	40.9	M16
DIN6987140SEM40X60	40	82	60	27	40.9	M16
DIN6987150SEM16X35	16	38	35	17	15.9	M24
DIN6987150SEM22X35	22	47	35	19	15.9	M24
DIN6987150SEM22X50X200	22	50	200	19	180.9	M24
DIN6987150SEM22X64X300	22	64	300	19	280.9	M24
DIN6987150SEM27X35	27	58	35	21	15.9	M24
DIN6987150SEM32X35	32	66	35	24	15.9	M24
DIN6987150SEM32X78X370	32	78	370	24	350.9	M24
DIN6987150SEM40X50	40	82	50	27	30.9	M24
DIN6987150SEM50X60	50	95	60	30	40.9	M24

Wrench is not included.

B DIN69871-FM Face Mill Holder

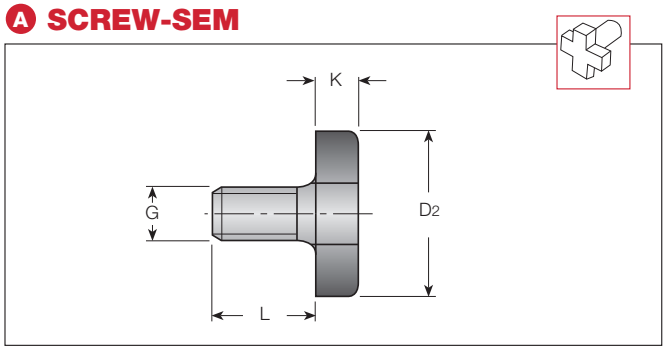
Cat. No.	Dimensions (mm)							
	øD1	øD	øD2	L	L1	G2	G1	G
DIN6987140FM40	40	88	66.7	60	27	M12	M20	M16
DIN6987150FM40	40	88	66.7	70	27	M12	M20	M24
DIN6987150FM60	60	128	101.6	70	40	M16	-	M24

Wrench is not included.

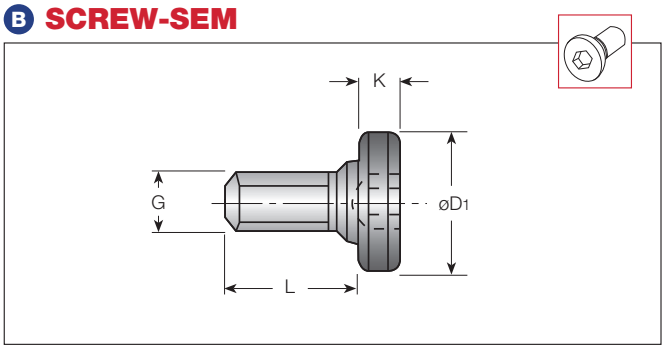
sales@jnterui.com

Lock screw / Wrench for Shell Mill Holder

A SCREW-SEM



B SCREW-SEM



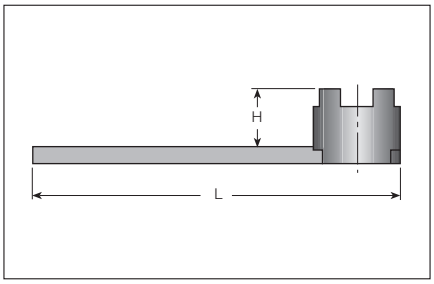
A SCREW-SEM Lock Screw for Shell Mill Holder

Cat. No.	Dimensions (mm)				
	Inner diameter of cutter body ø	G	øD1	K	L
M8CLAMPSCREWSEM16	16	M8	20	6	16
M10CLAMPSCREWSEM22	22	M10	28	7	18
M12CLAMPSCREWSEM27	25.4, 27	M12	35	8	22
M16CLAMPSCREWSEM32	31.75, 32	M16	42	9	26
M20CLAMPSCREWSEM40	38.1, 40	M20	52	10	30
M24CLAMPSCREWSEM50	50, 50.8	M24	63	12	36

WRENCH SEMC (Option)

Cat. No.	Dimensions (mm)			
	Inner diameter of cutter body ø	Screw Size	H	L
WRENCHM8SEMC16	16	M8	20	180
WRENCHM10SEMC22	22	M10	25	200
WRENCHM12SEMC27	25.4, 27	M12	32	225
WRENCHM16SEMC32	31.75, 32	M16	36	250
WRENCHM20SEMC40	38.1, 40	M20	40	280
WRENCHM24SEMC50	50, 50.8	M24	50	315

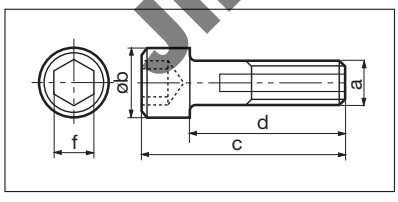
Wrench DIN 6368 for COMBI Shell Endmill Holder



B TMBA-M**H Lock Screw with coolant slot for Shell Mill Holder

Cat. No.	Dimensions (mm)				
	Inner diameter of cutter body ø	G	øD1	K	L
TMBA-M12H	25.4, 27	M12	33	8.5	26
TMBA-M16H	31.75, 32	M16	40	10	32.5
TMBA-M20H	38.1, 40	M20	50	10	34
TMBA-M24H	50, 50.8	M24	65	14	43

CM**H

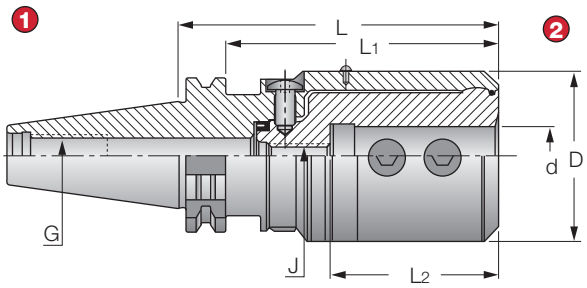


CM**H Lock Screw with coolant slot for Shell Mill Holder

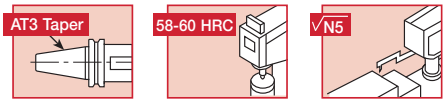
Cat. No.	Dimensions (mm)				
	a	øb	c	d	f
CM8X30H	M8×1.25	13	36	30	5
CM10X30H	M10×1.5	16	38	30	6
CM12X30H	M12×1.75	18	40	30	8
CM16X40H	M16×2	24	54	40	10

TUNGBORE Diameter Adjust DIN69871

BORE DIN69871



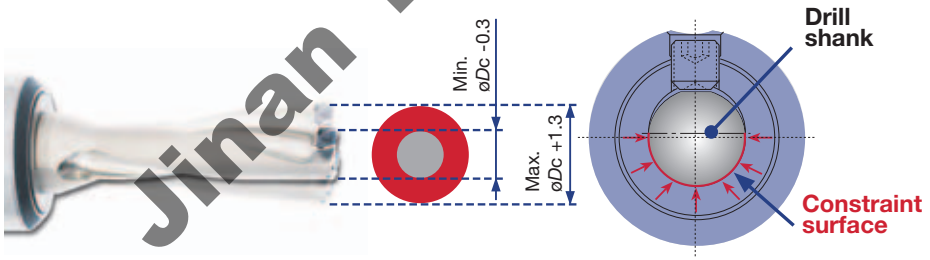
1 **BORE DIN69871 Form A/B**
2 **ISO 9766**



BORE DIN69871 Adjustable Drilling Diameter Holder

Cat. No.	Dimensions (mm)						
	ød	øD	L	L1	L2	J	G
TUNGBOREDIN6987140EM16	16	72	135.6	116.5	71	M10	M16
TUNGBOREDIN6987140EM20	20	72	135.6	116.5	71	M10	M16
TUNGBOREDIN6987140EM25	25	72	135.6	116.5	71	M10	M16
TUNGBOREDIN6987140EM32	32	72	135.6	116.5	71	M10	M16
TUNGBOREDIN6987140EM40	40	72	135.6	116.5	71	M10	M16
TUNGBOREDIN6987150EM16	16	72	115.6	96.5	71	M10	M24
TUNGBOREDIN6987150EM20	20	72	115.6	96.5	71	M10	M24
TUNGBOREDIN6987150EM25	25	72	115.6	96.5	71	M10	M24
TUNGBOREDIN6987150EM32	32	72	115.6	96.5	71	M10	M24
TUNGBOREDIN6987150EM40	40	72	115.6	96.5	71	M10	M24

Add B for coolant through the flange.



The bore section is actually made from two shifted circular sections. The clamping screw pushes the drill shank through a narrow opening, forcing elastic deformation of the holder. Contact is made around more than 180°, providing a high clamping force.

* Adjustable range of diameter in TDX drill is different by each item.
Therefore, please refer to the maximum offset value shown in TDX drill leaflet.

sales@jnterui.com

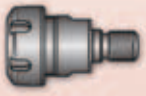
TUNGFLEX Indexable Modular System

MILLING HEADS

TUNGFLEX / TUNGSHRINK

Cat. No.	Connection
CDP_M-SRK	M10, M12

TUNGFLEX / Collet Chuck



Cat. No.	Connection
CDP_ER-M	M10, M12, M16

Square Endmills

Cat. No.	Connection
VGC	S05, S06, S08, S10
VEE-A	S05, S06, S08, S10, S12
VEE, VEC	S05, S06, S08, S10, S12
VEE-I	S05, S06, S08, S10, S12
VEE-C	S05, S06, S08, S10, S12
VEE-R	S05, S06, S08, S10, S12

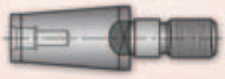
Ball Endmills, Toroidal Endmills

Cat. No.	Connection
VBE-BGA	S05, S06, S08, S10, S12
VBD-BG	S05, S06, S08, S10, S12
VBB-BG	S05, S06, S08, S10
VRC	S05, S06, S08, S10
VBB-BM	S05, S06, S08, S10
VBB-SG	S05, S06, S08, S10
VRB	S06, S08, S10, S12
VRD	S05, S06, S08, S10

High feed Endmills

Cat. No.	Connection
VFX-SG	S06, S08, S10, S12

ADAPTERS



Cat. No.	Connection
CAB	M06, M08
CAB	M08, M10
CAB	M10, M12
CAB	M12, M16

Legend

TUNGMEISTER — Connection screw size

- S05
- S06
- S08
- S10
- S12

TUNGFLEX — Connection

- M06
- M08
- M10
- M12
- M16

Centering Endmills

Cat. No.	Connection
VDP	S06

Concave radii milling Endmills

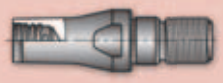
Cat. No.	Connection
VCR	S05, S06, S08, S10, S12

Chamfering Endmills

Cat. No.	Connection
VCA	S06, S08, S10, S12
VCP	S05, S06, S08, S10
VCW	S06

Thread Endmills

Cat. No.	Connection
VTB	S05, S06, S08, S10
VST	S06, S08, S10



Cat. No.	Connection	Connection
VAD-M	S08	M08
VAD-M	S08	M10
VAD-M	S08	M12

Features

- Modular system reduces stock cost by using the same head with different shank options.
- Enables machining with larger overthang.
- Same head can be mounted on metric and inch combinations.

SHANKS

S-M

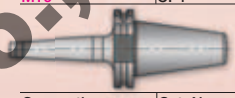
Connection	Shank size
M06	C10
M08	C16
M10	C20
M12	C25
M16	C32

S-M

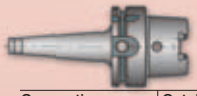
Connection	Shank size
M06	C10 / C12 / C16
M08	C16 / C20
M10	C20 / C25
M12	C25 / C32
M16	C32

S-M-CF4

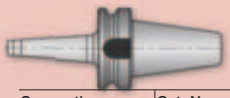
Cat. No.	
M12	CF4
M16	CF4



Connection	Cat. No.
M06	DIN 69871-ODP
M08	
M10	
M12	
M16	



Connection	Cat. No.
M06	HSK A-ODP HSK E-ODP
M08	
M10	
M12	
M16	



Connection	Cat. No.
M06	BT-ODP
M08	
M10	
M12	
M16	

Connection	Cat. No.
M06	ER32-ODP
M08	
M10	
M12	

VSS-D

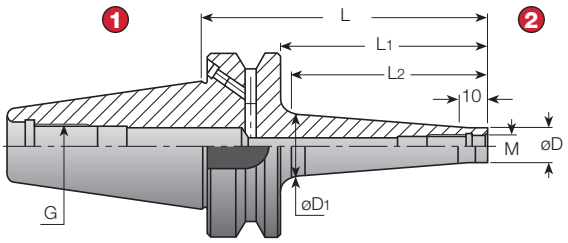
Connection	Cat. No.
S05	W12 / C08
S06	W16 / C10
S08	W16 / C12
S10	W20 / C16
S12	W25 / C20

V TSD

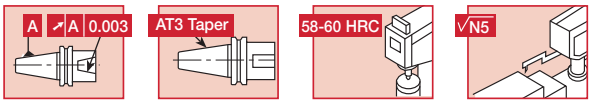
Connection	Cat. No.
S05	C12 / C16
S06	C16 / C20
S08	C16 / C20
S10	C20 / C25
S12	C25 / C32

DIN69871-ODP

G2.5
20,000 min-1



1 DIN69871 Form A/B
2 TungFlex



DIN69871-ODP Indexable Modular System

Cat. No.	Dimensions (mm)						
	M	øD	øD1	L	L1	L2	G
DIN6987140ODP6X58	M06	9.8	13.0	58	38.9	32	M16
DIN6987140ODP6X98	M06	9.8	23.0	98	78.9	74	M16
DIN6987140ODP8X58	M08	13.1	15.0	58	38.9	32	M16
DIN6987140ODP8X98	M08	13.1	23.0	98	78.9	74	M16
DIN6987140ODP10X58	M10	18.0	20.0	58	38.9	32	M16
DIN6987140ODP10X98	M10	18.0	28.0	98	78.9	74	M16
DIN6987140ODP12X58	M12	21.0	24.0	58	38.9	34	M16
DIN6987140ODP12X98	M12	21.0	31.0	98	78.9	75	M16
DIN6987140ODP16X58	M16	29.0	28.6	58	38.9	33	M16
DIN6987140ODP16X98	M16	29.0	34.0	98	78.9	75	M16
DIN6987150ODP12X78	M12	23.0	30.0	78	58.9	50	M24
DIN6987150ODP12X128	M12	23.0	40.0	128	108.9	100	M24
DIN6987150ODP12X178	M12	23.0	40.0	178	158.9	150	M24
DIN6987150ODP12X228	M12	23.0	46.0	228	208.9	200	M24
DIN6987150ODP16X78	M16	29.0	34.0	78	58.9	50	M24
DIN6987150ODP16X128	M16	29.0	40.0	128	108.9	100	M24
DIN6987150ODP16X178	M16	29.0	55.0	178	158.9	150	M24
DIN6987150ODP16X228	M16	29.0	55.0	228	208.9	200	M24

(1) Balanced to G6.3 at max. *n*: 12,000 min-1

sales@jnterui.com

CAB M-M

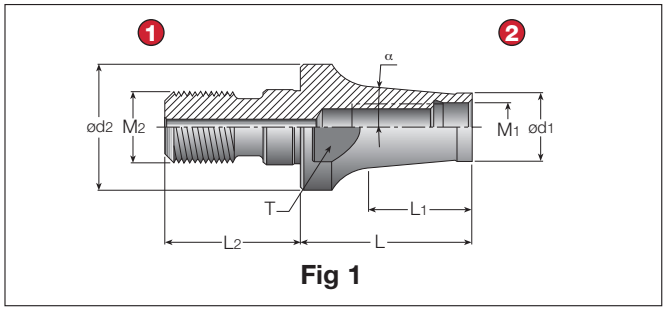


Fig 1

CAB-M-M-C

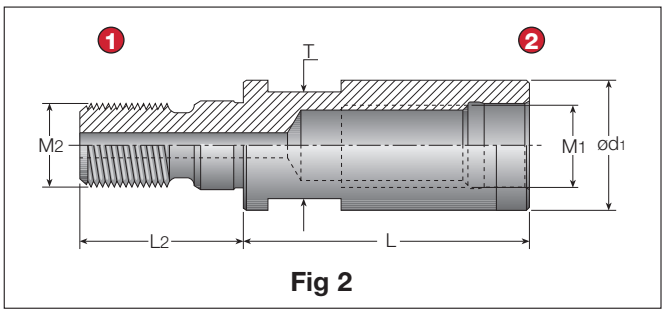
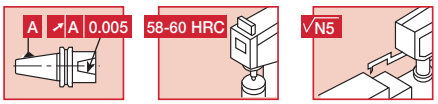


Fig 2

1 TungFlex
2 TungFlex

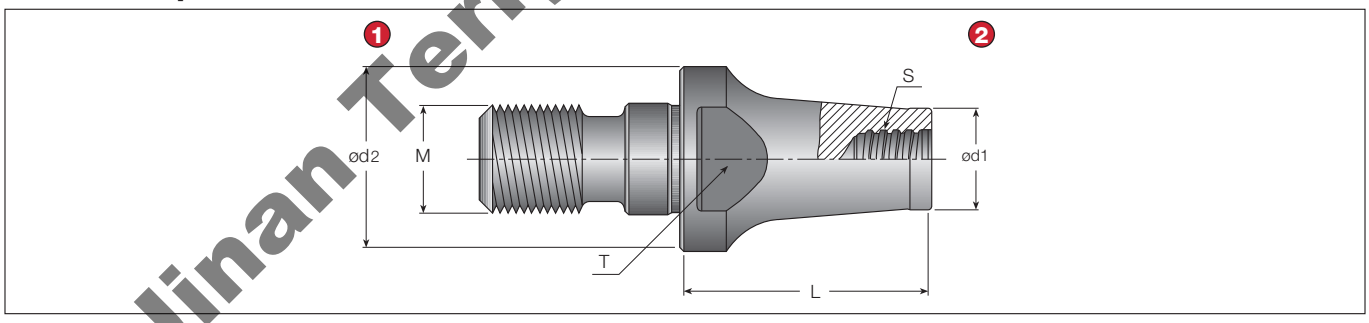


CAB M-M FLEX Reducer and Extensions

Cat. No.	Dimensions (mm)									Fig.
	M1	ød1	L	L1	M2	ød2	L2	T	α	
CABM06M06-C (1)	M6	9.8	25	-	M6	-	14.5	8.00	-	2
CABM06M08	M6	9.7	30	24.8	M8	13	17.5	9.50	5.7°	1
CABM08M08-C (1)	M8	13.0	30	-	M8	-	17.5	9.60	-	2
CABM08M10	M8	13.0	40	33.4	M10	18	20.0	15.00	5.2°	1
CABM10M10-C (1)	M10	18.0	35	-	M10	-	20.0	15.00	-	2
CABM10M10/15.8-C (1)	M10	15.8	35	-	M10	-	20.0	12.75	-	2
CABM10M12	M10	18.0	45	36.4	M12	21	22.0	17.00	2.5°	1
CABM12M12-C (1)	M12	21.0	40	-	M12	-	22.0	17.00	-	2
CABM12M16	M12	21.0	50	42.5	M16	29	25.0	25.00	6.3°	1
CABM16M16-C (1)	M16	29.0	40	-	M16	-	25.0	25.00	-	2

(1) With coolant holes.

VAD-M Adapter



1 TungFlex
2 TungMeister

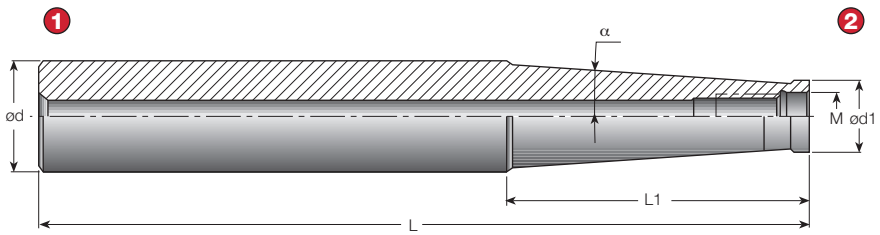
VAD-M Conversion Adapter

Cat. No.	Dimensions (mm)					
	S	L	ød1	ød2	M	T
VAD130L016S08-S-M8	S08	16	11.7	13.0	M8	11
VAD130L025S08-S-M8	S08	25	11.7	13.0	M8	11
VAD180L020S08-S-M10	S08	20	11.7	18.0	M10	13
VAD180L025S08-S-M10	S08	25	11.7	18.0	M10	11
VAD210L020S08-S-M12	S08	20	11.7	21.0	M12	12.75
VAD210L025S08-S-M12	S08	25	11.7	21.0	M12	12.75

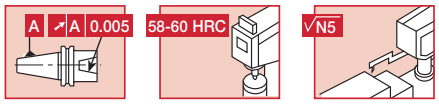
Wrench size, used on flats for tightening (not supplied).
Do not apply lubricant to the threaded connection.

TUNGFLEX Indexable Modular System

S M



1 **Straight Shank**
2 **TungFlex**



S M Straight Shank

Cat. No.	Dimensions (mm)					
	L	L_1	ød	$ød_1$	M	α
SM06-L60C10	60	20.0	10	9.7	M6	0°
SM06-L105-C12	105	60.0	12	9.7	M6	1.2°
SM06-L125-C16	125	60.0	16	9.7	M6	3.3°
SM08-L73C16	73	25.0	16	13.0	M8	0°
SM08-L128-C16	128	80.0	16	13.0	M8	0.9°
SM08-L170-C20	170	66.8	20	13.0	M8	3.3°
SM10-L80C20	80	30.0	20	18.0	M10	0°
SM10-L130-C20	130	80.0	20	18.0	M10	0.6°
SM10-L200-C25	200	57.2	25	19.0	M10	3.3°
SM12-L86-C25	86	30.0	25	21.0	M12	5.1°
SM12-L200-C32	200	78.0	32	21.0	M12	4.4°
SM16-L95-C32	95	35.0	32	29.0	M16	1.7°
SM16-L230-C32	230	50.0	32	29.0	M16	1.8°

Note: All of the shanks have coolant holes.

sales@jnterui.com

Pull Studs

PS BT-JIS / MAZAK

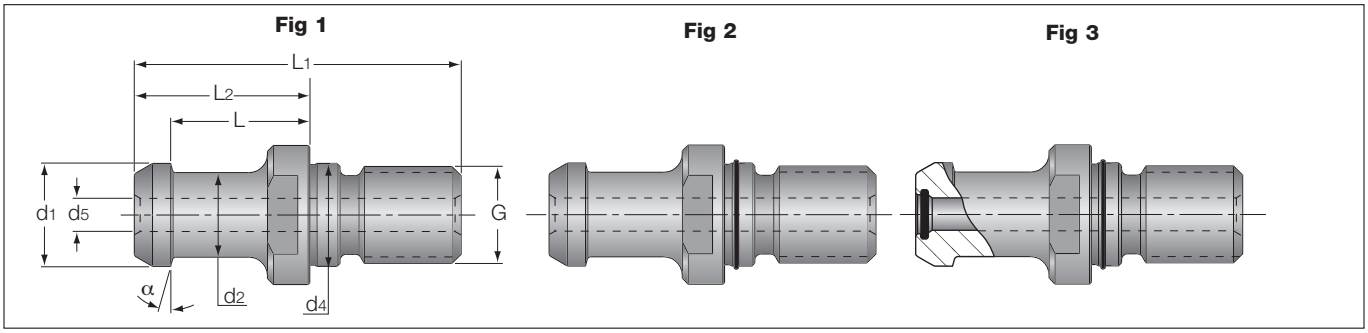
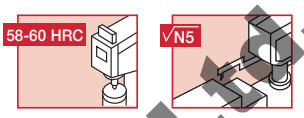


Fig 1: Coolant holes only in items with a "B" suffix.
Fig 2: With external O-ring.
Fig 3: With external and internal O-rings.



PS BT-JIS / MAZAK Pull Stud BT-JIS/ANSI - Metric

Cat. No.	Dimensions (mm)									Fig.
	G	ød1	ød2	ød4	ød5	L	L1	L2	α	
PSBT3015°M12JISB	M12	12.00	8.0	13	4.0	18.4	43.0	23.4	15°	1
PSBT4015°M16JISB	M16	19.00	14.0	17	5.5	23	54.0	29.0	15°	1
PSBT4015°M16JISOB	M16	19.00	14.0	17	5.5	23	54.0	29.0	15°	2
PSBT4015°M16JISOBO	M16	19.00	14.0	17	5.5	23	54.0	29.0	15°	3
PSBT5015°M24JISB	M24	28.00	21.0	25	8.0	25	74.0	34.0	15°	1
PSBT5015°M24JISOB	M24	28.00	21.0	25	8.0	25	74.0	34.0	15°	2
PSBT5015°M24JISOBO	M24	28.00	21.0	25	8.0	25	74.0	34.0	15°	3
PSBT4045°M16MAZAKB	M16	18.79	12.4	17	7.0	14.026	44.1	19.1	45°	1
PSBT5045°M24MAZAKB	M24	28.95	20.8	25	8.0	17.58	65.2	25.2	45°	1

PS BT-MAS

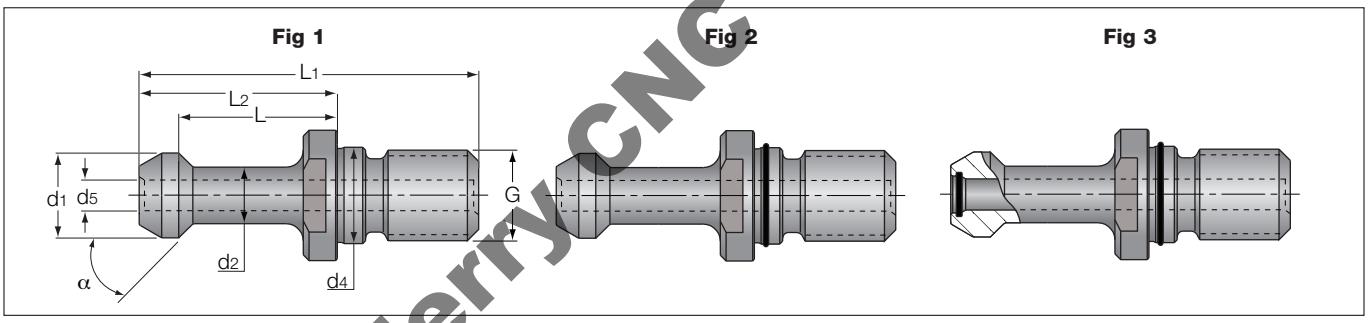
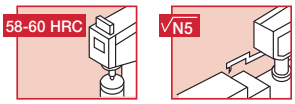


Fig 1: Coolant holes only in items with a "B" suffix.
Fig 2: With external O-ring.
Fig 3: With external and internal O-rings.



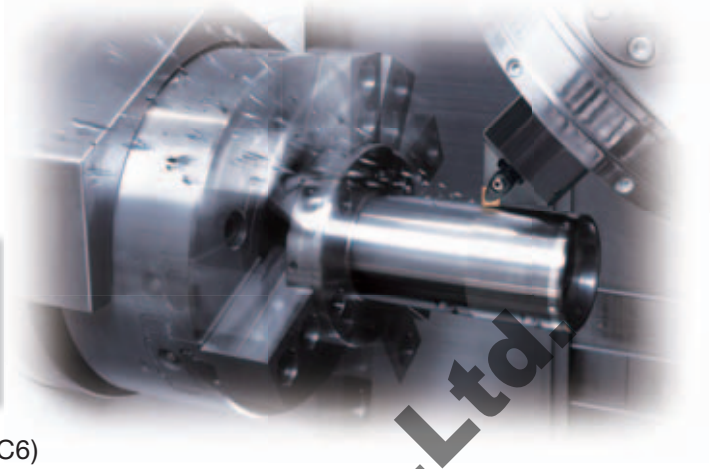
PS BT-MAS Pull Stud BT-MAS - Metric

Cat. No.	Dimensions (mm)									Fig.
	G	ød1	ød2	ød4	ød5	L	L1	L2	α	
PSBT3045°M12MAS1	M12	11	7	12.5	-	18	43	23	45°	1
PSBT3045°M12MAS1B	M12	11	7	12.5	3	18	43	23	45°	1
PSBT3060°M12MAS2	M12	11	7	12.5	-	18	43	23	60°	1
PSBT3060°M12MAS2B	M12	11	7	12.5	3	18	43	23	60°	1
PSBT4045°M16MAS1	M16	15	10	17.0	-	28	60	35	45°	1
PSBT4045°M16MAS1B	M16	15	10	17.0	5.5	28	60	35	45°	1
PSBT4060°M16MAS2	M16	15	10	17.0	-	28	60	35	60°	1
PSBT4060°M16MAS2B	M16	15	10	17.0	5.5	28	60	35	60°	1
PSBT4090°M16MAS3	M16	15	10	17.0	-	28	60	35	90°	1
PSBT4090°M16MAS3B	M16	15	10	17.0	5.5	28	60	35	90°	1
PSBT5045°M24MAS1	M24	23	17	25.0	-	35	85	45	45°	1
PSBT5045°M24MAS1B	M24	23	17	25.0	6.0	35	85	45	45°	1
PSBT5045°M24MAS1OB	M24	23	17	25.0	6.0	35	85	45	45°	2
PSBT5045°M24MAS1OBO	M24	23	17	25.0	6.0	35	85	45	45°	3
PSBT5060°M24MAS2	M24	23	17	25.0	-	35	85	45	60°	1
PSBT5060°M24MAS2B	M24	23	17	25.0	6.0	35	85	45	60°	1
PSBT5060°M24MAS2OB	M24	23	17	25.0	6.0	35	85	45	60°	2
PSBT5090°M24MAS3	M24	23	17	25.0	-	35	85	45	90°	1
PSBT5090°M24MAS3B	M24	23	17	25.0	6.0	35	85	45	90°	1
PSBT5090°M24MAS3OB	M24	23	17	25.0	6.0	35	85	45	90°	2

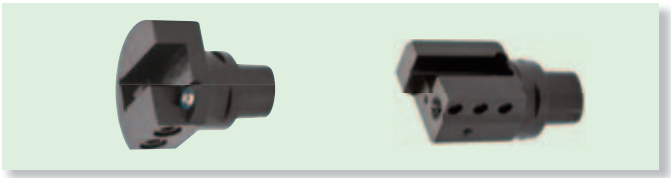
Quick change systems with polygon

TURNLINE

Toolholders for turning

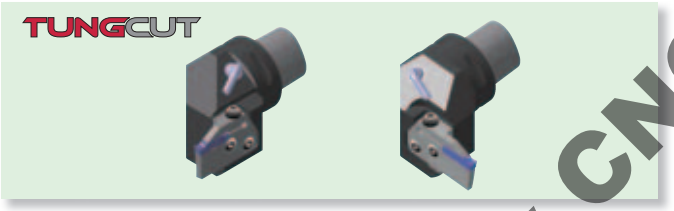


- **Adaptors for square shank toolholders**
  (Shank size: C4, C5)

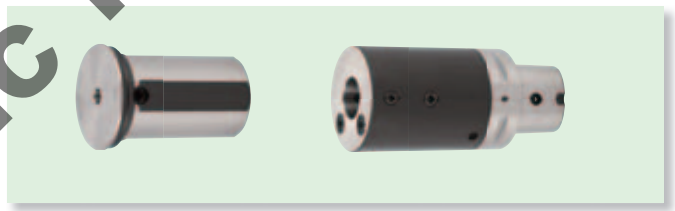


- **Toolholders with PSC shank** (Shank size: C5, C6)

- **Grooving tool** (Shank size: C5, 6)



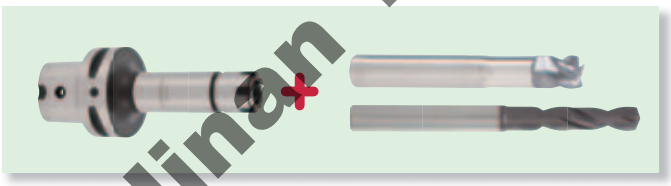
- **Adapter for boring bars**
  (Shank size: C4, 5, 6, 8)



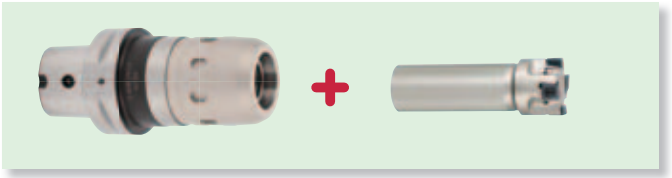
TOOLLINE

Holders for milling & drilling

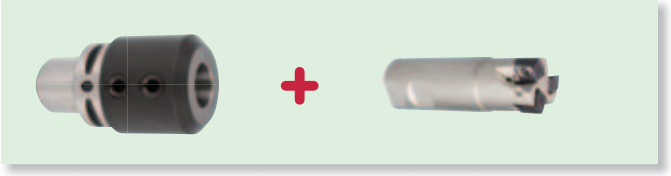
- **ER collet chuck holders** (Size: C4, 5, 6, 8)



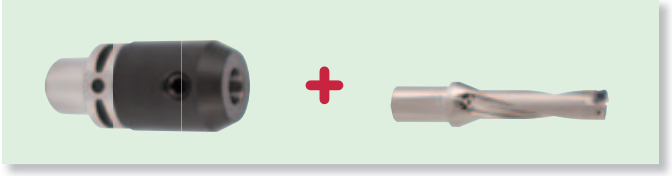
- **TungMax power chuck holders**
  (Size: C5, 6, 8)



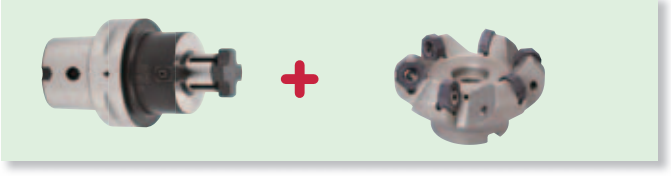
- **Side lock holders for endmill**
  (Size: C4, 5, 6, 8)



- **Side lock holders for drill** (Size: C4, 5, 6, 8)

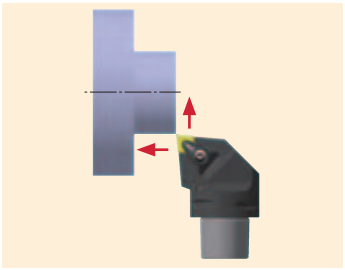


- **Face mill holders** (Size: C4, 5, 6, 8)

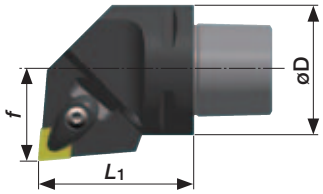


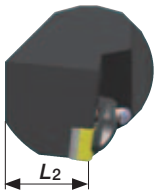
sales@jnterui.com

C-ACLNR/L External Turning — A-type (Negative rake, Double clamping system)



TURNINGA



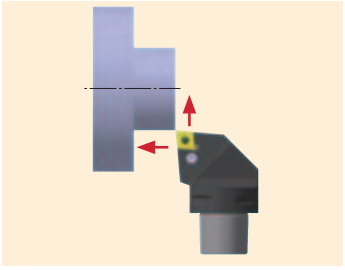


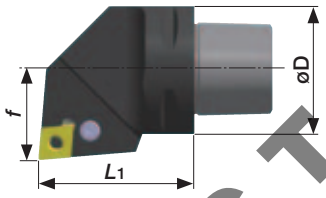
Right hand (R) shown

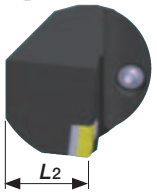
Cat. No.	Stock		Dimensions (mm)				Std. Corner radius rε	Applicable inserts	Shim	Spring pin	Sim screw	Clamp	Clamping screw	Spring	Wrench	Coolant nozzle
	R	L	øD	L1	L2	f										
C5ACLNR/L35060-12	●	●	50	60	32	35	0.8	CN** 1204**	ASC 422	SP-2.5	CSTB-3.5	ACP4S	ACS-5W	BP-7	T15F	EZ83
C6ACLNR/L45065-12	●	●	63	65	41	45										

Capable for normal pressure coolant

C-PCLNR/L External Turning — P -type (Negative rake, Lever-lock system)





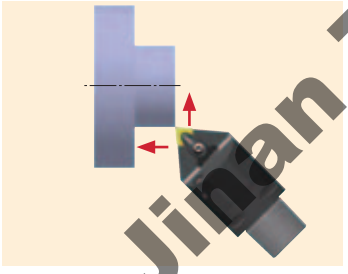


Right hand (R) shown

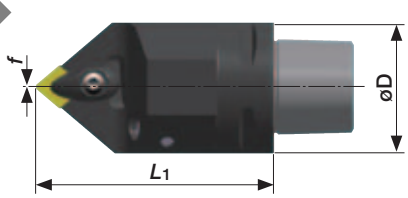
Cat. No.	Stock		Dimensions (mm)				Std. Corner radius rε	Applicable inserts	Shim	Spring pin	Lever	Clamping screw	Wrench	Coolant nozzle
	R	L	øD	L1	L2	f								
C5PCLNR/L35060-12	●	●	50	60	32	35	0.8	CN**1204**	LSC42	LSP-4	LCL4	LCS4	P-3	EZ104
C6PCLNR/L45065-12	●	●	63	65	41	45								

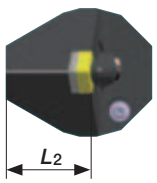
Capable for normal pressure coolant

C-ACLNN External Turning — A -type (Negative rake, Double clamping system)



TURNINGA





Cat. No.	Stock	Dimensions (mm)				Std. Corner radius rε	Applicable inserts	Shim	Spring pin	Sim screw	Clamp	Clamping screw	Spring	Wrench	Coolant nozzle
		øD	L1	L2	f										
C5ACLNN00090-12	●	50	90	32	0	0.8	CN** 1204**	ASC 422	SP-2.5	CSTB-3.5	ACP4S	ACS-5W	BP-7	T15F	EZ83
C5ACLNN00125-12	●	50	125	32	0										
C6ACLNN00100-12	●	63	100	37.5	0										
C6ACLNN00140-12	●	63	140	37.5	0										

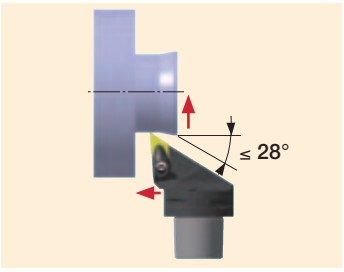
Capable for normal pressure coolant

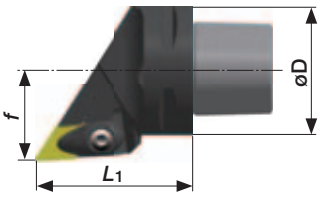
● : Stocked items

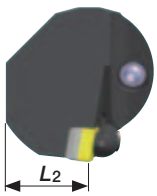
TUNGCAP Holders

C-ADJNR/L External Turning — A -type (Negative rake, Double clamping system)

TURNINGA







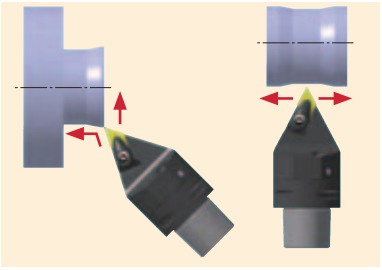
Right hand (R) shown

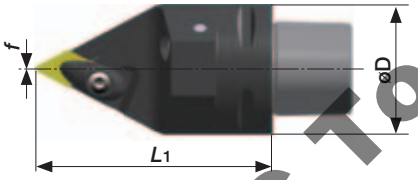
Cat. No.	Stock		Dimensions (mm)				Std. Corner rε	Applicable inserts	Shim	Spring pin	Sim screw	Clamp	Clamping screw	Spring	Wrench	Coolant nozzle
	R	L	øD	L1	L2	f										
C5ADJNR/L35060-15	●	●	50	60	32	35	0.8	DN**1504** (DN**1506**)	ASD423(06) (ASD432(04))	SP-2.5	CSTB-3.5	ACP4S	ACS-5W	BP-7	T15F	EZ104
C6ADJNR/L45065-15	●	●	63	65	41	45										

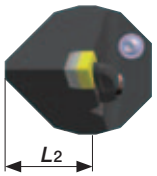
Capable for normal pressure coolant

C-ADNNN External Turning — A -type (Negative rake, Double clamping system)

TURNINGA



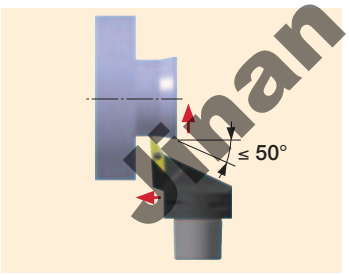


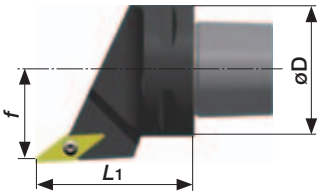


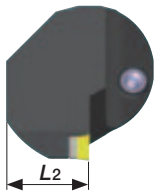
Cat. No.	Stock	Dimensions (mm)				Std. Corner rε	Applicable inserts	Shim	Spring pin	Sim screw	Clamp	Clamping screw	Spring	Wrench	Coolant nozzle
		øD	L1	L2	f										
C5ADNNN00090-15	●	50	90	32	0	0.8	DN**1504** (DN**1506**)	ASD423(06) (ASD432(04))	SP-2.5	CSTB-3.5	ACP4S	ACS-5W	BP-7	T15F	EZ104
C5ADNNN00125-15	●	50	125	32	0										
C6ADNNN00100-15	●	63	100	37.5	0										
C6ADNNN00140-15	●	63	140	37.5	0										

Capable for normal pressure coolant

C-SVJCR/L External Turning — S -type (Positive rake, Screw on clamping system)







Right hand (R) shown

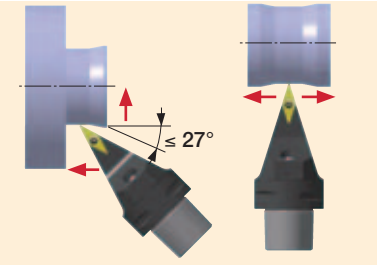
Cat. No.	Stock		Dimensions (mm)				Std. Corner rε	Applicable inserts	Shim	Sim screw	Clamping screw	Wrench	Wrench	Coolant nozzle
	R	L	øD	L1	L2	f								
C5SVJCR/L35060-16	●	●	50	60	32	35	0.8	VC**1604**	SSV32	DTS5-3.5	CSTB-3.5L	T-15F	P-3.5	EZ104
C6SVJCR/L45065-16	●	●	63	65	41	45								

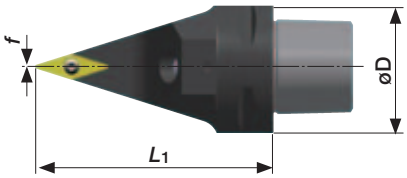
Capable for normal pressure coolant

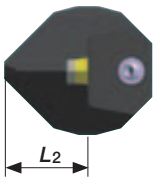
● : Stocked items

sales@jnterui.com

C-SVVCN External Turning — S -type (Positive rake, Screw on clamping system)



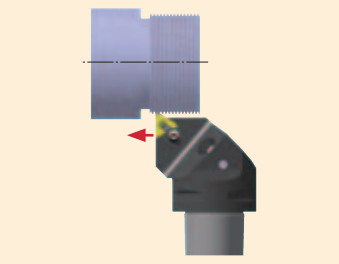




Cat. No.	Stock	Dimensions (mm)				Std. Corner r_ε	Applicable inserts	Shim	Sim screw	Clamping screw	Wrench	Wrench	Coolant nozzle
		øD	L_1	L_2	f								
C5SVVCN00090-16	●	50	90	32	0	0.8	VC**1604**	SSV32	DTS5-3.5	CSTB-3.5L	T-15F	P-3.5	EZ104
C5SVVCN00125-16	●	50	125	32	0								
C6SVVCN00100-16	●	63	100	37.5	0								
C6SVVCN00140-16	●	63	140	37.5	0								

Capable for normal pressure coolant

C-CER/L External threading — Dual method type

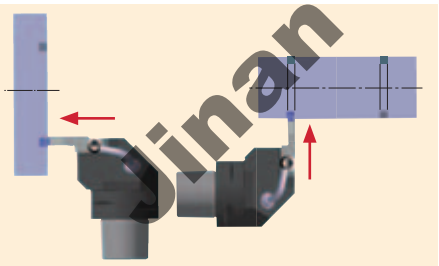


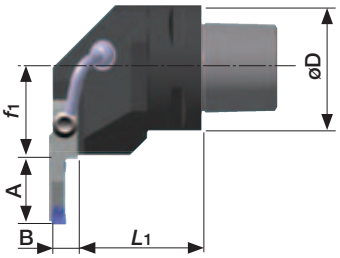
Right hand (R) shown

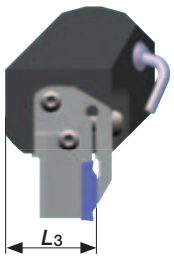
Cat. No.	Stock		Dimensions (mm)				Std. Corner r_ε	Applicable inserts	Shim	Sim screw	Clamping screw	Clamp set	Wrench	Wrench	Coolant nozzle
	R	L	øD	L_1	L_2	f									
C5CER/L35060-16ER	●	●	50	60	32	35	0.8	16ER/L	A16-1DT	DTS5-3.5	CSTB-3.5ST	CSP16	T-15F	P-3.5	EZ104
C6CER/L45065-16ER	●	●	63	65	41	45									

Capable for normal pressure coolant

C-CHFVR/L Grooving — Horizontal type







TUNGCUT

Right hand (R) shown

Cat. No.	Stock		Dimensions (mm)						Applicable inserts	Blade	Clamping screw	Wrench	Coolant nozzle	Coolant pipe
	R	L	øD	L_1	*A	L_3	f_1	*B						
C5CHFVR/L35060	●	●	50	49.5	Table 1	36	35	Table 1	DTF, DTE, DTX DGS, DGM	CAER/L CAFR/L	CSHB-6-A	P-4	CNZ125	PNZ25
C6CHFVR/L45065	●	●	63	54.5		41	45							

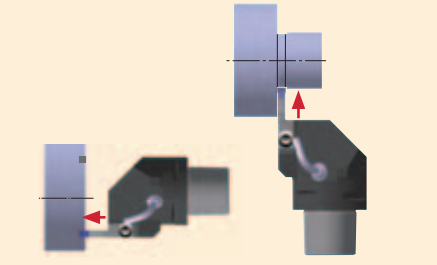
Capable for normal pressure coolant

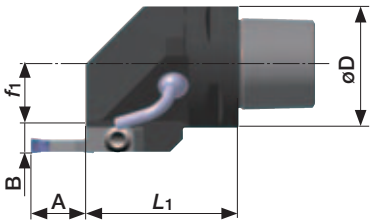
Combination of blade and toolholder

Toolholders	Blades			
	CAER□□□	CAEL□□□	CAFR□□□	CAFL□□□
CHFVR***		●	●	
CHFVL***	●			●

● : Stocked items

C-CHSR/L Grooving Vertical type





Right hand (R) shown

Cat. No.	Stock		Dimensions (mm)						Applicable inserts	Blade	Clamping screw	Wrench	Coolant nozzle	Coolant pipe
	R	L	øD	L_1	A	L_3	f_1	B						
C5CHSR/L35060	●	●	50	60	Table 1	36	24.5	Table 1	DGS/SGS, DGM/ SGM, DTX, DTE, DTR	CAER/L CAFR/L	CSHB-6-A	P-4	CNZ125	PNZ25
C6CHSR/L45065	●	●	63	65		41	34.5							

Capable for normal pressure coolant

Combination of blade and toolholder

Toolholders	Blades			
	CAER□□□	CAEL□□□	CAFR□□□	CAFL□□□
CHSR***	●			●
CHSL***		●	●	

Table. 1: Offset dimensions for blade

	Blades	A	B
For external grooving	CAER/L-3T16	16	10.4
	CAER/L-4T16	16	10.5
	CAER/L-5T20	20	10.5
	CAER/L-6T20	20	10.5
For face grooving	CAFR/L-3T12-*	12	10.4
	CAFR/L-4T16-*	16	10.5
	CAFR/L-5T20-*	20	10.5
	CAFR/L-6T20-*	25	10.5

Insert application

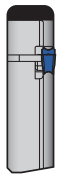
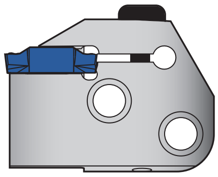
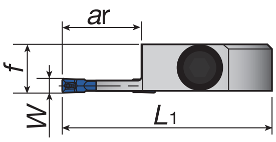
Insert	Application				
	Grooving		Parting off	Traversing	
	External	Face		External	Face
DGM / SGM	●	●	●		
DGS / SGS	●	●	●		
DTE	●	●		●	●
DGE	●				
DTX	●	●	●	●	●
DTI					
DTF		●			●
DTR	●			●	
DTIU	● Undercutting				
DTA				● Al wheel machining	

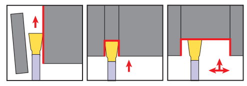
● : Stocked items

TUNGCAP Blades (For general purpose)

TUNGCUT

CAE R/L External grooving and turning

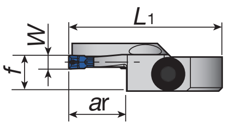




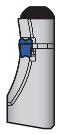
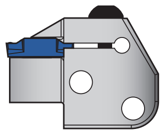
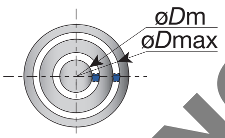



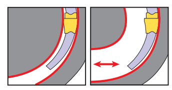
Right hand (R) shown

Insert seat size	Cat. No.	Stock		*Max. groove depth ar (mm)	Dimensions (mm)			Inserts	Shank	Parts	
		R	L		L_1	f	W			Clamping screw	Wrench
3	CAER/L-3T16	●	●	16	45	10.4	3	DGS / SGS DGM / SGM DTX DTE DTR	CHFVR/L CHSR/L	BHM6-20-A	P-4
4	CAER/L-4T16	●	●	16	45	10.5	4				
5	CAER/L-5T20	●	●	20	49	10.5	5				
6	CAER/L-6T20	●	●	20	49	10.5	6				

CAF R/L Face grooving and turning



Right hand (R) shown

Insert seat size	Cat. No.	Stock		Min. dia. øDm (mm)	Max. dia. øDm (mm)	Max. groove depth ar (mm)	Dimensions (mm)			Inserts[3]	Shank	Parts	
		R	L				L_1	f[2]	W			Clamping screw	Wrench
3	CAFR/L-3T12-040055	●	●	40	55	12	45	10.4	3	DTF	CHFVR/L CHSR/L	BHM6-20-A	P-4
	CAFR/L-3T12-055075	●	●	55	75	12	45	10.4	3	DTF DTE DTX DGS DGM			
	CAFR/L-3T12-075100	●	●	75	100	12	45	10.4	3				
	CAFR/L-3T12-100140	●	●	100	140	12	45	10.4	3				
	CAFR/L-3T12-140200	●	●	140	200	12	45	10.4	3				
4	CAFR/L-4T16-050070	●	●	50	70	16	45	10.5	4			BHM6-20-A	P-4
	CAFR/L-4T16-070100	●	●	70	100	16	45	10.5	4				
	CAFR/L-4T16-100150	●	●	100	150	16	45	10.5	4				
	CAFR/L-4T16-150250	●	●	150	250	16	45	10.5	4				
5	CAFR/L-5T20-055080	●	●	55	80	20	49	10.5	5			BHM6-20-A	P-4
	CAFR/L-5T20-080120	●	●	80	120	20	49	10.5	5				
	CAFR/L-5T20-120180	●	●	120	180	20	49	10.5	5				
	CAFR/L-5T20-180300	●	●	180	300	20	49	10.5	5				
	CAFR/L-5T20-300000	●	●	300	∞	20	49	10.5	5				
6	CAFR/L-6T25-060090	●	●	60	90	25[1]	55	10.5	6			BHM6-20-A	P-4
	CAFR/L-6T25-090150	●	●	90	150	25[1]	55	10.5	6				
	CAFR/L-6T25-150250	●	●	150	250	25[1]	55	10.5	6				
	CAFR/L-6T25-250400	●	●	250	400	25[1]	55	10.5	6				

(1) When depth is deeper than insert length, 1 corner type is recommended.
(2) "f" value in the above table is calculated with groove width "W" shown in the table.

(3) Min. diameter øDm of DTE, DGS and DGM insert

Inserts	øDm (mm)	Note
DTE 3 / DGS 3 / DGM 3	ø44	When diameter is smaller than øDm, DTF or DTX type insert is recommended.
DTE 4 / DGS 4 / DGM 4	ø42	
DTE 5 / DGS 5 / DGM 5	ø50	
DTE 6 / DGS 6 / DGM 6	ø48	

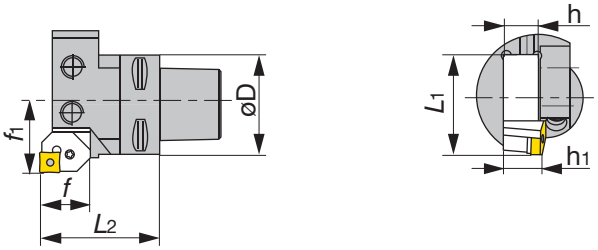
Caution

In DTF and DTX insert types, seat size "6" inserts are not available. When 6 size insert is required, the DTE, DGM or DGS type is recommended.

● : Stocked items

sales@jnterui.com

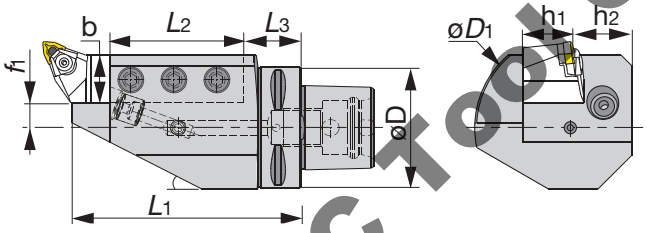
C-ADER/L Adapter for square shank toolholders



Cat. No.	Dimensions (mm)							Clamp screw
	øD	f_1	L_2	f	h_1	h	L_1	
C4ADE-20R/L	40	35	54	25	20	20	67	SR M10X20DIN912
C5ADE-20R/L	50	35	60	20	20	20	67	SR M10X16

Toolholders may be used after shortening shank length

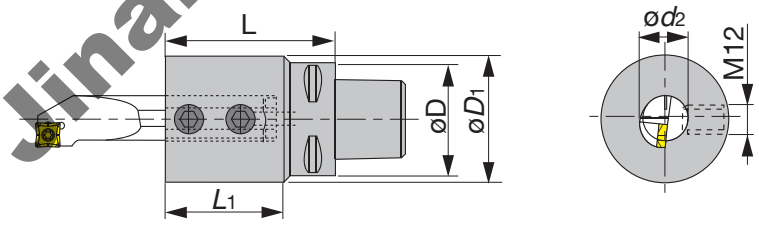
C-ASHR/L Adapter for square shank toolholders



Cat. No.	Dimensions (mm)										Clamp screw
	øD	L_1	L_2	L_3	f_2	h_1	b	h_2	h_3	$øD_1$	
C5ASHR/L201	50	98	63.5	24.5	10	20	20	33	30	90	SR M10x25 DIN915 45H
C6ASHR/L251	63	120	70	30	13	25	25	32	38	100	SR M12x30 DIN915 45H
C8ASHR/L32-1	80	140	95	35	8	32	32	32	40	110	

Toolholders may be used after shortening shank length

C-ADI Adapter for boring bars

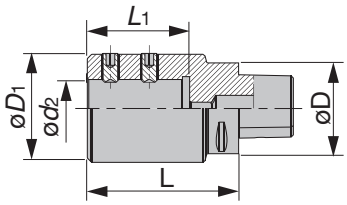


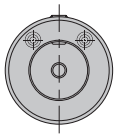
Cat. No.	Dimensions (mm)				
	øD	$ød_2$	$øD_1$	L	L_1
C4ADI25	40	25	60	80	60
C5ADI20	50	20	55	75	49
C5ADI25	50	25	60	85	60

● : Stocked items

sales@jnterui.com

C-ABB Adapters for boring bars with sleeves





Cat. No.	Dimensions (mm)					Clamp screw	
	øD	ød2	øD1	L	L1	Used on A-type sleeves	Used on B-type sleeves
C5ABB-25-60	50	25	63	100	60	SRM10x20DIN915	SRM10x12DIN1835-B
C6ABB-25-60	63	25	63	100	60		
C6ABB-40-70	63	40	75	105	71	SRM12x20DIN915	SRM12x16DIN1835-B
C8ABB25-60	80	25	63	100	60	SRM10x20DIN915	SRM10x12DIN1835-B
C8ABB40-72	80	40	75	105	71	SRM12x20DIN915	SRM12x16DIN1835-B

SC Sleeves for C-ABB adapters

Fig. A

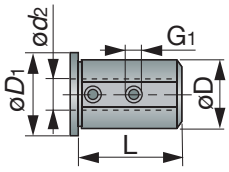
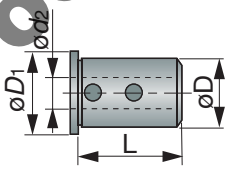


Fig. B

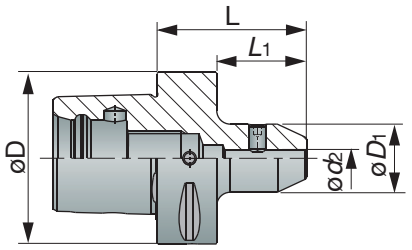


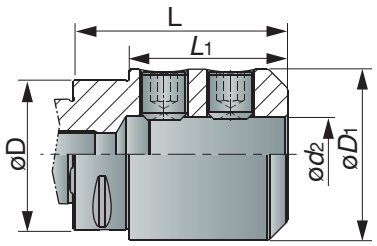
Cat. No.	Dimensions (mm)					
	øD	ød2	øD1	L	G1	Fig.
SC25T6A	25	6	31	56	M6	A
SC25T8A	25	8	31	56	M8	A
SC25T10A	25	10	31	56	M8	A
SC25T12A	25	12	31	56	M8	A
SC25T16B	25	16	31	56	-	B
SC25T20B	25	20	31	56	-	B
SC40T6A	40	6	46	58	M6	A

Cat. No.	Dimensions (mm)					
	øD	ød2	øD1	L	G1	Fig.
SC40T8A	40	8	46	58	M6	A
SC40T10A	40	10	46	58	M8	A
SC40T12A	40	12	46	58	M8	A
SC40T16B	40	16	46	58	-	B
SC40T20B	40	20	46	58	-	B
SC40T25B	40	25	46	58	-	B
SC40T32B	40	32	46	58	-	B

● : Stocked items

C-EM Weldon endmill holders (DIN1835 Form B)





ød2 ≥ 25

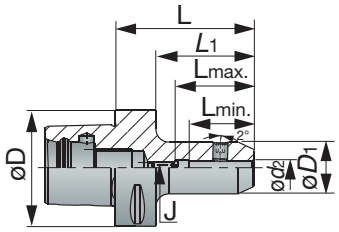
Cat. No.	Dimensions (mm)				
	øD	ød2	øD1	L	L1
C4EM06X50	40	6	25	50	30
C4EM08X50	40	8	28	50	30
C4EM10X50	40	10	35	50	30
C4EM12X55	40	12	42	55	35
C4EM14X55	40	14	44	55	35
C4EM16X60	40	16	48	60	40
C5EM06X50	50	6	25	50	30
C5EM08X50	50	8	28	50	30
C5EM10X55	50	10	35	55	35
C5EM12X60	50	12	42	60	40
C5EM14X60	50	14	44	60	40
C5EM16X60	50	16	48	60	40
C5EM18X60	50	18	50	60	40
C5EM20X60	50	20	52	60	40
C5EM25X85	50	25	65	85	65
C6EM6X55	63	6	25	55	33
C6EM8X55	63	8	28	55	33
C6EM10X60	63	10	35	60	38
C6EM12X60	63	12	42	60	38

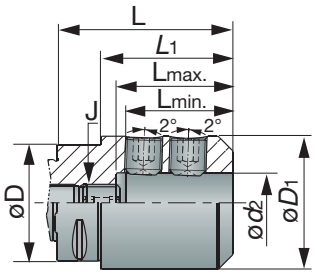
Cat. No.	Dimensions (mm)				
	øD	ød2	øD1	L	L1
C6EM14X60	63	14	44	60	38
C6EM16X65	63	16	48	65	43
C6EM18X65	63	18	50	65	43
C6EM20X65	63	20	52	65	43
C6EM25X80	63	25	65	80	58
C6EM32X90	63	32	72	90	68
C6EM40X100	63	40	90	100	78
C8EM06X70	80	6	25	70	40
C8EM08X70	80	8	28	70	40
C8EM10X70	80	10	35	70	40
C8EM12X70	80	12	42	70	40
C8EM14X70	80	14	44	70	40
C8EM16X70	80	16	48	70	40
C8EM18X70	80	18	50	70	40
C8EM20X70	80	20	52	70	40
C8EM25X90	80	25	65	90	60
C8EM32X95	80	32	72	95	65
C8EM40X110	80	40	90	110	80
C8EM50X120	80	50	98	120	90

● : Stocked items

sales@jnterui.com

C-EM-E Drill holders (DIN1835 Form E whistle notch)





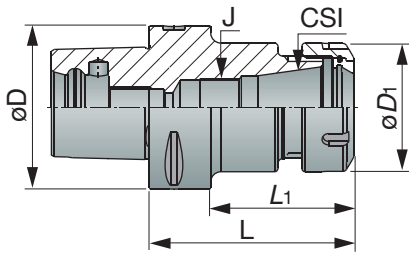
ød2 ≥ 25

Cat. No.	Dimensions (mm)							
	øD	ød2	øD1	L	L		L1	J
					Min.	Max.		
C4EM06X70E	40	6	25	70	30	35	50	M5
C4EM08X70E	40	8	28	70	35	43	50	M6
C4EM10X70E	40	10	35	70	39	45	50	M8
C4EM12X75E	40	12	42	75	44	49	55	M10
C4EM14X75E	40	14	44	75	44	49	55	M10
C5EM06X70E	50	6	25	70	30	35	50	M5
C5EM08X70E	50	8	28	70	35	43	50	M6
C5EM10X70E	50	10	35	70	39	45	50	M8
C5EM12X75E	50	12	42	75	44	49	55	M10
C5EM14X75E	50	14	44	75	44	49	55	M10
C5EM16X80E	50	16	48	80	47	52	60	M12
C5EM18X80E	50	18	50	80	47	52	60	M12
C5EM20X85E	50	20	52	85	49	55	65	M16
C6EM6X75E	63	6	25	75	30	36	53	M5
C6EM8X75E	63	8	28	75	35	43	53	M6
C6EM10X75E	63	10	35	75	39	46	53	M8
C6EM12X80E	63	12	42	80	44	49	58	M10

Cat. No.	Dimensions (mm)							
	øD	ød2	øD1	L	L		L1	J
					Min.	Max.		
C6EM14X80E	63	14	44	80	44	49	58	M10
C6EM16X85E	63	16	48	85	47	52	63	M12
C6EM18X85E	63	18	50	85	47	52	63	M12
C6EM20X85E	63	20	52	85	49	55	63	M16
C6EM25X90E	63	25	65	90	54	60	68	M20
C6EM32X95E	63	32	72	95	58	63	73	M20
C8EM06X65E	80	6	25	65	30	36	35	M5
C8EM08X65E	80	8	28	65	35	43	35	M6
C8EM10X65E	80	10	35	65	39	46	35	M8
C8EM12X70E	80	12	42	70	44	49	40	M10
C8EM14X70E	80	14	44	70	44	49	40	M10
C8EM16X75E	80	16	48	75	47	52	45	M12
C8EM18X75E	80	18	50	75	47	52	45	M12
C8EM20X80E	80	20	52	80	49	57	50	M16
C8EM25X90E	80	25	65	90	54	60	60	M20
C8EM32X95E	80	32	72	95	58	64	65	M20

● : Stocked items

C-ER ER collet holders (DIN6499)

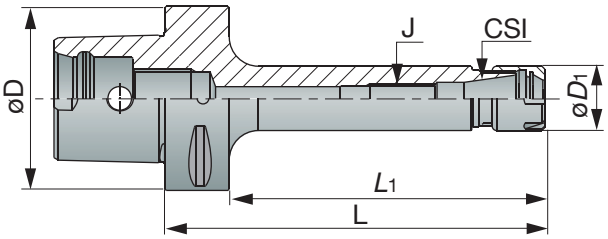


Cat. No.	Range		Dimensions (mm)					
	Min.	Max.	øD	CSI	øD1	L	L1	J
C4ER16X70	1	10	40	ER16	28	70	50	M10
C4ER20X35	1	13	40	ER20	34	35	27	-
C4ER20X52	1	13	40	ER20	34	52	32	-
C4ER25X38	1	16	40	ER25	42	38	30	-
C4ER25X52	1	16	40	ER25	42	52	32	-
C4ER32X54	2	20	40	ER32	50	54	34	-
C5ER16X100	1	10	50	ER16	28	100	80	M10
C5ER16X130	1	10	50	ER16	28	130	120	M10
C5ER20X055	1	13	50	ER20	34	55	35	-
C5ER20X100	1	13	50	ER20	34	100	80	M12
C5ER20X130	1	13	50	ER20	34	130	120	M12
C5ER25X055	1	16	50	ER25	42	55	35	-
C5ER25X100	1	16	50	ER25	42	100	80	M16
C5ER32X057	2	20	50	ER32	50	57	36	-
C5ER32X100	2	20	50	ER32	50	100	80	M22X1.5
C6ER16X100	1	10	63	ER16	28	100	78	M10
C6ER16X130	1	10	63	ER16	28	130	108	M10
C6ER16X160	1	10	63	ER16	28	160	138	M10
C6ER20X060	1	13	63	ER20	34	60	38	-
C6ER20X100	1	13	63	ER20	34	100	78	M12

Cat. No.	Range		Dimensions (mm)					
	Min.	Max.	øD	CSI	øD1	L	L1	J
C6ER20X130	1	13	63	ER20	34	130	108	M12
C6ER20X160	1	13	63	ER20	34	160	138	M12
C6ER25X060	1	16	63	ER25	42	60	38	-
C6ER25X100	1	16	63	ER25	42	100	78	M16
C6ER25X130	1	16	63	ER25	42	130	108	M16
C6ER25X160	1	16	63	ER25	42	160	138	M16
C6ER32X060	2	20	63	ER32	50	60	36	-
C6ER32X100	2	20	63	ER32	50	100	78	M22X1.5
C6ER32X130	2	20	63	ER32	50	130	108	M22X1.5
C6ER32X160	2	20	63	ER32	50	160	138	M22X1.5
C6ER40X065	3	26	63	ER40	63	65	37	-
C6ER40X100	3	26	63	ER40	63	100	78	M28X1.5
C6ER40X130	3	26	63	ER40	63	130	108	M28X1.5
C8ER32X70	2	20	80	ER32	50	70	40	-
C8ER32X100	2	20	80	ER32	50	100	70	M22x1.5
C8ER32X160	2	20	80	ER32	50	160	130	M22x1.5
C8ER40X70	3	26	80	ER40	63	70	40	-
C8ER40X100	3	26	80	ER40	63	100	70	M28x1.5
C8ER40X160	3	26	80	ER40	63	160	130	M28x1.5

Wrench is not included

C-ER-M Mini ER collet chuck holders (DIN 6499)



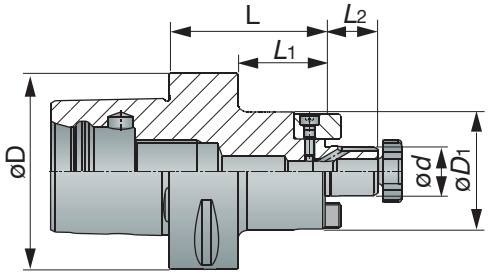
Cat. No.	Range		Dimensions (mm)					
	Min.	Max.	øD	CSI	øD1	L	L1	J
C4ER16X70M	0.5	10	40	ER16	22	70	50	M10
C5ER16X100M	0.5	10	50	ER16	22	100	80	M10
C5ER16X130M	0.5	10	50	ER16	22	130	120	M10
C6ER16X100M	0.5	10	63	ER16	22	100	78	M10
C6ER16X130M	0.5	10	63	ER16	22	130	108	M10
C6ER16X160M	0.5	10	63	ER16	22	160	138	M10

Wrench is not included

● : Stocked items

sales@jnterui.com

C-SEM Shell mill holders with coolant hole

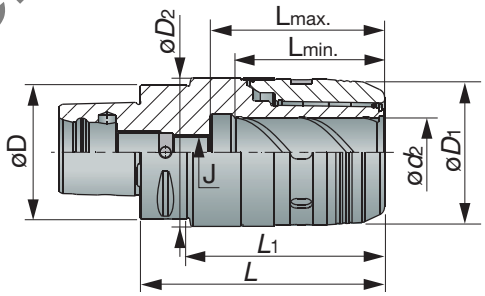


Cat. No.	Dimensions (mm)					
	øD	ød	øD1	L	L2	L1
C4SEM16X32C	40	16	38	32	12	17
C4SEM16X55C	40	16	38	55	35	17
C4SEM22X40C	40	22	47	40	20	19
C4SEM22X55C	40	22	47	55	35	19
C5SEM16X35C	50	16	38	35	17	15
C5SEM16X70C	50	16	38	70	17	50
C5SEM22X35C	50	22	47	35	19	15
C5SEM25.4X37C	63	25.4	50	37	22	-
C5SEM22X70C	50	22	47	70	19	50
C5SEM27X40C	50	27	58	40	21	20
C5SEM31.75X60C	63	31.75	64	60	30	-
C5SEM32X40C	50	32	63	40	24	20
C6SEM16X50C	63	16	38	50	17	28
C6SEM16X100C	63	16	38	100	17	78
C6SEM22X50C	63	22	47	50	19	28
C6SEM22X100C	63	22	47	100	19	78

Cat. No.	Dimensions (mm)					
	øD	ød	øD1	L	L2	L1
C6SEM25.4X37C	63	25.4	50	37	22	-
C6SEM27X60C	63	27	58	60	21	38
C6SEM27X100C	63	27	58	100	21	78
C6SEM31.75X60C	63	31.75	64	60	30	-
C6SEM32X60C	63	32	66	60	24	38
C6SEM38.1X60C	63	38.1	80	60	34	-
C6SEM40X60C	63	40	82	60	27	38
C8SEM16X50C	80	16	38	50	20	17
C8SEM16X100C	80	16	38	100	70	17
C8SEM22X50C	80	22	47	50	20	19
C8SEM22X100C	80	22	47	100	70	19
C8SEM27X50	80	27	58	50	20	21
C8SEM27X100C	80	27	58	100	70	21
C8SEM32X50C	80	32	66	50	20	24
C8SEM32X100C	80	32	66	100	70	24
C8SEM40X60C	80	40	82	60	30	27

Wrench is not included

C-TUNGMAX Power chuck holders



Cat. No.	Dimensions (mm)									
	øD	ød Min.	ød2	øD1	øD2	L	L1	L Min.	L Max.	J
C5TUNGMAX20X100	50	6	20	51	53	100	75	55	67	M16
C6TUNGMAX20X95	63	6	20	51	53	95	73	55	67	M16
C6TUNGMAX32X115	63	6	32	69	70	115	93	70	82	M16
C8TUNGMAX20X95	80	6	20	51	53	95	65	55	67	M16
C8TUNGMAX32X115	80	6	32	69	70	115	85	70	82	M16

Wrench is not included

● : Stocked items

Complete Tightening & Rigid Clamping

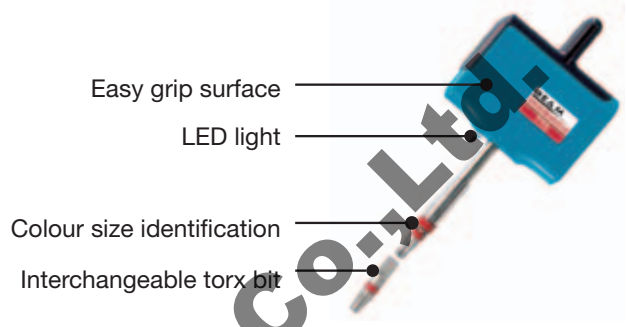
Features and Benefits

LED illuminates at correct torque!

- When reaching the required clamping force, the LED will be activated.
- Enables the operator to set the insert correctly.
- Provides stable and correct clamping forces in any work place.

A range of torque sizes available!

- 5 Torx sizes are available.
- Hardened steel enhances the life of bit.



Exchanging the bit:

Unlock the used bit

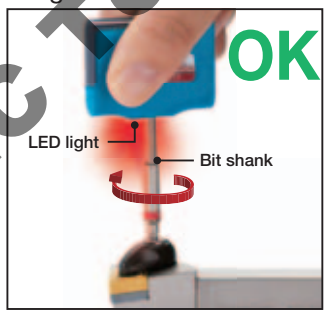
Pull the sleeve to loosen the bit.

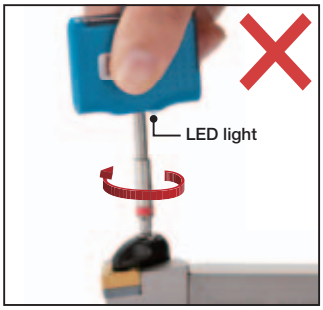
Lock the new bit

After placing the bit in the correct position, push the sleeve to lock the bit.

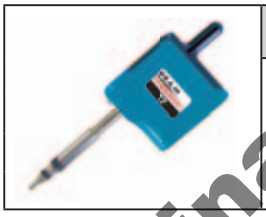
Attention when tightening:

- Hold the grip in a position, so the LED can be seen on the left side of bit shank. (See the picture below) Tighten the screw clockwise.

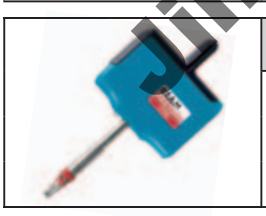




BEAMWRENCH set

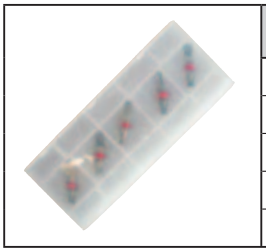


Shape	Cat. No.	Torx size	Torque (N·m)	Colour
Single flag	**BW-SF6**	T 6	0.6	White
	BW-SF7	T 7	0.9	Black
	BW-SF8	T 8	1.2	Green
	BW-SF9	T 9	1.4	Blue



Shape	Cat. No.	Torx size	Torque (N·m)	Colour
Double flag	**BW-DF8**	T 8	1.2	Green
	BW-DF9	T 9	1.4	Blue
	BW-DF15	T 15	3.0	Red

BEAMWRENCH torx bits set



Cat. No.	Torx size	Torque (N·m)	Colour	
BW-TX6SET5	T 6	0.6		White
BW-TX7SET5	T 7	0.9		Black
BW-TX8SET5	T 8	1.2		Green
BW-TX9SET5	T 9	1.4		Blue
BW-TX15SET5	T 15	3.0		Red

Torx bits set: Packing Quantity = 5 pcs.

sales@jnterui.com

Top-Borer Tools

Steel Shank	Carbide Shank
Min.bore dia. ø5.5mm	Min.bore dia. ø5.5mm

Features

- Indexable insert jig boring tools usable for commercially available adjustable boring heads.
- Minimum bore diameter ø5.5 mm.
- Available in three types of SEXP, SWUB and STUP.

Applications by Type

SEXP 	• Minimum bore diameter: ø5.5 mm. • A 75° rhombic insert is used. Stable insert holding assures precision boring.
SWUB 	• Available in two sizes of minimum bore diameters of ø7 and ø8 mm. • Uses an economical trigon insert.
STUP 	• Available in five sizes of minimum bore diameters of ø10, ø12, ø14, ø16 and ø18 mm. • Many standard items make them applicable for a wide range of applications.

Designation system for Top-Borer Tools

Symbol	Material
S	Steel
C	Carbide

① Shank material

Symbol	Min. bore diameter øDm
055	5.5
07	7
08	8
10	10

③ Min. bore dia.

Symbol	Insert type
04	EPGT0401□□
03	WBGT0301□□
08	TPGT0802□□
11	TPGT1102□□

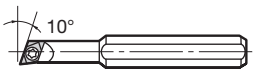
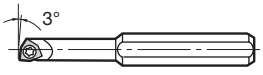
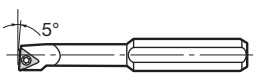
⑥ Applicable insert

S ① **08** ② **055** ③ **SEXP** ④ **R** ⑤ **04** ⑥

② Shank size

Symbol	Shank diameter (mm)
08	8
10	10
12	12
16	16

④ Tool shape

Symbol	Shape
SEXP	
SWUB	
STUP	

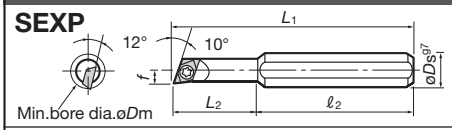
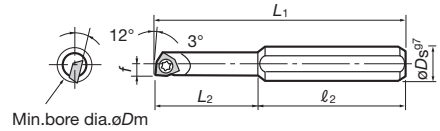
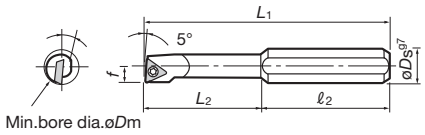
⑤ Hand of cartridge

Symbol	Hand
R	Right
L	Left
N	Neutral

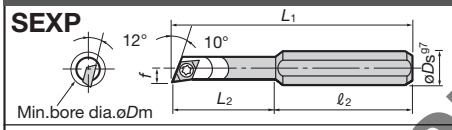
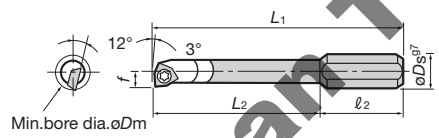
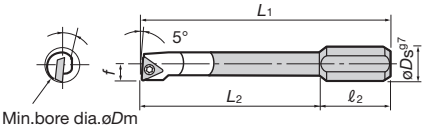
Top-Borer Tools

Steel Shank Min.bore dia. ø5.5mm | Carbide Shank Min.bore dia. ø5.5mm

Steel Shank

Shape (Right hand (R) shown)	Cat. No.	Stock R	Stock L	Applicable Inserts	Min. bore dia. øDm	Std. Corner r_ε	Dimensions (mm) øDs	L_1	L_2	ℓ_2	f	Parts Clamping screw	Parts Wrench
SEXP 	S08055-SEXPR/L04	●		EPGT/W0401□□ 2-111 3-23	5.5	0.4	8	45	19	26	2.75	CSTB-2	T-6F
	S10055-SEXPR/L04	●					10	51		32			
	S12055-SEXPR/L04	●					12						
	S16055-SEXPR/L04						16	54		35			
SWUB 	S0807-SWUBR03		–	WBGT0301□□ 2-132	7	0.4	8	50	24	26	3.6	CSTB-2	T-6F
	S1007-SWUBR03		–				10	56		32			
	S1207-SWUBR03		–				12						
	S1607-SWUBR03		–				16	59		35			
	S0808-SWUBR03		–		8		8	54	28	26	4.1		
	S1008-SWUBR03	●	–				10	60		32			
	S1208-SWUBR03	●	–				12						
	S1608-SWUBR03		–				16	63		35			
STUP 8°(When above ø12, angle is 6°) 	S0810-STUPR/L08	●		TPGT0802□□ 2-124 3-12 ~ 3-22	10	0.4	8	61	–	–		CSTB-2 L040	T-6F
	S1010-STUPR/L08	●					10	67	35	32	5		
	S1210-STUPR/L08	●					12						
	S1610-STUPR/L08						16	70		35			
	S1012-STUPR/L08				12		10	74	–	–		CSTB-2L	
	S1212-STUPR/L08	●					12		42	32	6		
	S1612-STUPR/L08						16	77		35			
	S1614-STUPR/L08				14			84	49		7		
	S1616-STUPR/L08				16			91	56		8		
	S1212-STUPR/L11	●		TPGT1102□□ 2-124 ~ 3-12 ~ 3-22	12		12	74	42	32	6	CSTB-2.5	T-8F
	S1214-STUPR/L11	●			14		12	81	–	–	7		
	S1618-STUPR/L11				18		16	98	–	–	9		

Carbide Shank

Shape (Right hand (R) shown)	Cat. No.	Stock R	Stock L	Applicable Inserts	Min. bore dia. øDm	Std. Corner r_ε	Dimensions (mm) øDs	L_1	L_2	ℓ_2	f	Parts Clamping screw	Parts Wrench
SEXP 	C08055-SEXPR/L04			EPGT/W0401□□ 2-111 3-23 ~	5.5	0.4	8	56	30	26	2.75	CSTB-2	T-6F
	C10055-SEXPR/L04	●					10	62		32			
	C12055-SEXPR/L04	●					12						
	C16055-SEXPR/L04						16	64		34			
SWUB 	C0807-SWUBR03		–	WBGT0301□□ 2-132	7	0.4	8	64	38	34	3.6	CSTB-2	T-6F
	C1007-SWUBR03		–				10	70		40			
	C1207-SWUBR03		–				12						
	C1607-SWUBR03		–				16	73		43			
	C0808-SWUBR03		–		8		8	70	44	26	4.1		
	C1008-SWUBR03	●	–				10	76		32			
	C1208-SWUBR03	●	–				12						
	C1608-SWUBR03		–				16	79		35			
STUP 8°(When above ø12, angle is 6°) 	C0810-STUPR/L08			TPGT/W0802□□ 2-124 3-12 ~ 3-22	10	0.4	8	81	–	–		CSTB-2 L040	T-6F
	C1010-STUPR/L08	●					10	87	55	32	5		
	C1210-STUPR/L08	●					12						
	C1610-STUPR/L08						16	90		35			
	C1012-STUPR/L08				12		10	98	–	–		CSTB-2L	
	C1212-STUPR/L08						12		66	33	6		
	C1612-STUPR/L08						16	101		35			
	C1614-STUPR/L08				14			119	84		7		
	C1616-STUPR/L08				16			123	88		8		
	C1212-STUPR/L11	●		TPGT/W1102□□ 2-124 ~ 3-12 ~ 3-22	12		12	98	66	32	6	CSTB-2.5	T-8F
	C1214-STUPR/L11	●			14			109	84	25	7		
	C1618-STUPR/L11				18		16	134	–	–	9		

Notes: • When using an insert with hand, right hand (R) holders use a left hand (L) insert.
• Left hand (L) holders use a right hand (R) insert.

● : Stocked items.

sales@jnterui.com