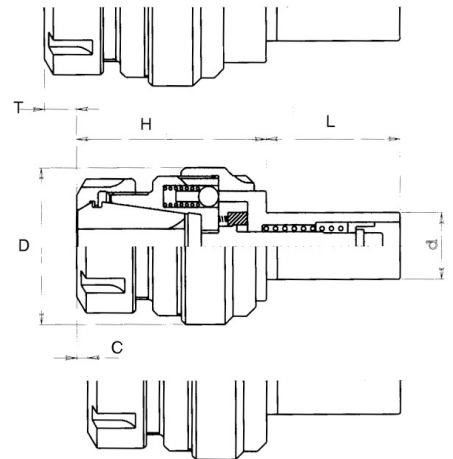


TENSION & COMPRESSION ER COLLET FLOATING TAP HOLDERS

- Axial-float/tension/compression for CNC lathes & milling machines with reversing motors and rigid tapping
- Compensates for machine feed and tap pitch variance
- Floating mechanism (.002 per side / .004 total float) compensates for misalignment between tap and work piece
- Compact design for minimal clearance applications
- Uses ER series tap collets

SEE PAGE 161 FOR COLLETS.



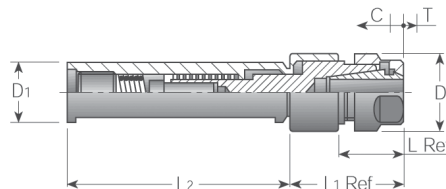
TAP COLLET SERIES	HAND TAP COLLET RANGE
ER11	#0 TO 1/4
ER16	#0 TO 5/16
ER20	#0 TO 1/2
ER25	#0 TO 5/8
ER32	#0 TO 13/16

Shank Dia.	Collet Series	L	H	D	Tension T	Compression C	Part No.	Collet Nut*	Collet Wrench**
5/8	ER11	32	36	29	5.5	2.5	SS062TCIER11	ER11H	ER11HW
5/8	ER16	32	48	29	5.5	2.5	SS062TCIER16	ER16M	ER16MW
3/4	ER11	32	36	29	5.5	2.5	SS075TCIER11	ER11H	ER11HW
3/4	ER16	32	48	29	5.5	2.5	SS075TCIER16	ER16M	ER16MW
3/4	ER20	46	59	44	9	3	SS075TCIER20	ER20H	ER20HW
3/4	ER25	46	73	44	9	3	SS075TCIER25	ER25E	ER25EW
1"	ER20	46	59	44	9	3	SS100TCIER20	ER20H	ER20HW
1"	ER25	50	68	58	12	4	SS100TCIER25	ER25E	ER25EW
1"	ER25	80	68	58	12	4	SS100TCIER25L	ER25E	ER25EW
1"	ER32	50	70	58	12	4	SS100TCIER32	ER32E	ER32EW
1"	ER32	80	70	58	12	4	SS100TCIER32L	ER32E	ER32EW
1-1/4"	ER25	50	68	58	12	4	SS125TCIER25	ER25E	ER25EW
1-1/4"	ER32	50	70	58	12	4	SS125TCIER32	ER32E	ER32EW
16MM	ER11	32	36	29	5.5	2.5	SS16TCIER11	ER11H	ER11HW
16MM	ER16	32	48	29	5.5	2.5	SS16TCIER16	ER16M	ER16MW
20MM	ER11	32	36	29	5.5	2.5	SS20TCIER11	ER11H	ER11HW
20MM	ER16	32	48	29	5.5	2.5	SS20TCIER16	ER16M	ER16MW
20MM	ER20	46	59	44	9	3	SS20TCIER20	ER20H	ER20HW
20MM	ER25	46	73	44	9	3	SS20TCIER25	ER25E	ER25EW
22MM	ER20	46	59	44	9	3	SS22TCIER20	ER20H	ER20HW
22MM	ER25	46	73	44	9	3	SS22TCIER25	ER25E	ER25EW
25MM	ER20	46	59	44	9	3	SS25TCIER20	ER20H	ER20HW
25MM	ER25	50	68	58	12	4	SS25TCIER25	ER25E	ER25EW
25MM	ER25	80	68	58	12	4	SS25TCIER25L	ER25E	ER25EW
25MM	ER32	50	70	58	12	4	SS25TCIER32	ER32E	ER32EW
25MM	ER32	80	70	58	12	4	SS25TCIER32L	ER32E	ER32EW
30MM	ER25	50	68	58	12	4	SS30TCIER25	ER25E	ER25EW
30MM	ER32	50	70	58	12	4	SS30TCIER32	ER32E	ER32EW
32MM	ER25	50	68	58	12	4	SS32TCIER25	ER25E	ER25EW
32MM	ER32	50	70	58	12	4	SS32TCIER32	ER32E	ER32EW
40MM	ER25	85	68	58	12	4	SS40TCIER25	ER25E	ER25EW
40MM	ER32	85	70	58	12	4	SS40TCIER32	ER32E	ER32EW

** Collet Wrench and Tap Collets sold separately

AXIAL-FLOAT TENSION COMPRESSION TAPHOLDERS

Cat. No.	Collet Series	Tap Capacity	D1	L2	L1	L	D	T	C
SS062FTCER11	ER11	#3-1/4"	5/8	6.00		.75	.63	.24	.12
SS075FTCER16	ER16	#6-3/8"	3/4	3.15	1.61	.95	1.10	.32	.12
SS075FTCER20	ER20	#8-1/2"	3/4	3.15	1.89	1.06	1.34	.32	.12
SS100FTCER25	ER25	#10-5/8"	1	3.15	2.01	1.18	1.66	.36	.16
SS100FTCER32	ER32	1/4-3/4"	1	3.15	2.91	1.18	1.97	.36	.16
SS125FTCER40	ER40	5/16-1-3/8"	1-1/4	3.15	3.54	1.81	2.36	.36	.16



SEE PAGE 161 FOR COLLETS.

ER Axial - Float Tension/Compression Tapholders

Application:

Axial-float/tension/compression type for C.N.C. milling machines and lathes with reversing motors and rigid tapping.

Features:

- Compensates for machine feed and tap pitch variance.
- Floating mechanism compensates for misalignment between tap and workpiece. (-.004/side .008 Total Float)
- Right-and left-hand tapping.

Advantages:

- Practical and efficient tap holding by the ER spring collet without using jaw drive.
- Compact design for minimal clearance applications.
- Heavy Duty design for high torque drive ensures the same accuracy as the tap itself.