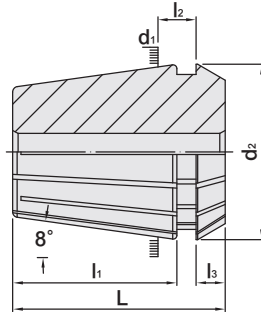


# ER COLLET

ER 彈性筒夾

(DIN ISO 15488)



TW PAT NO. M261313  
 TW PAT NO. M266126  
 JP PAT NO. 3108255  
 JP PAT NO. 3108254

TYPE	d <sub>1</sub>	d <sub>2</sub>	L	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	WEIGHT (KGS)
ER8	8	8.5	13.5	10.8	2.98	1.5	0.01
ER11	11	11.5	18	13.5	3.8	2.5	0.01
ER16	16	17	27.5	20.8	6.26	4	0.03
ER20	20	21	31.5	23.9	6.36	4.8	0.04
ER25	25	26	34	25.9	6.66	5	0.06
ER32	32	33	40	30.9	7.16	5.5	0.10
ER40	40	41	46	34.9	7.66	7	0.25
ER50	50	51.85	60	46	12.6	8.5	0.45

ER40			
MODEL NO.	SIZE	MODEL NO.	SIZE
5250-122-040-003	3 - 2	5250-122-040-015	15 - 14
5250-122-040-003.5	3.5 - 2.5	5250-122-040-015.5	15.5 - 14.5
5250-122-040-004	4 - 3	5250-122-040-016	16 - 15
5250-122-040-004.5	4.5 - 3.5	5250-122-040-016.5	16.5 - 15.5
5250-122-040-005	5 - 4	5250-122-040-017	17 - 16
5250-122-040-005.5	5.5 - 4.5	5250-122-040-017.5	17.5 - 16.5
5250-122-040-006	6 - 5	5250-122-040-018	18 - 17
5250-122-040-006.5	6.5 - 5.5	5250-122-040-018.5	18.5 - 17.5
5250-122-040-007	7 - 6	5250-122-040-019	19 - 18
5250-122-040-007.5	7.5 - 6.5	5250-122-040-019.5	19.5 - 18.5
5250-122-040-008	8 - 7	5250-122-040-020	20 - 19
5250-122-040-008.5	8.5 - 7.5	5250-122-040-020.5	20.5 - 19.5
5250-122-040-009	9 - 8	5250-122-040-021	21 - 20
5250-122-040-009.5	9.5 - 8.5	5250-122-040-021.5	21.5 - 20.5
5250-122-040-010	10 - 9	5250-122-040-022	22 - 21
5250-122-040-010.5	10.5 - 9.5	5250-122-040-022.5	22.5 - 21.5
5250-122-040-011	11 - 10	5250-122-040-023	23 - 22
5250-122-040-011.5	11.5 - 10.5	5250-122-040-023.5	23.5 - 22.5
5250-122-040-012	12 - 11	5250-122-040-024	24 - 23
5250-122-040-012.5	12.5 - 11.5	5250-122-040-024.5	24.5 - 23.5
5250-122-040-013	13 - 12	5250-122-040-025	25 - 24
5250-122-040-013.5	13.5 - 12.5	5250-122-040-025.5	25.5 - 24.5
5250-122-040-014	14 - 13	5250-122-040-026	26 - 25
5250-122-040-014.5	14.5 - 13.5		

**INCHES**

5250-122-040-A08	0.086 - 0.125	5250-122-040-A32	0.461 - 0.5
5250-122-040-A10	0.117 - 0.156	5250-122-040-A34	0.492 - 0.531
5250-122-040-A12	0.148 - 0.187	5250-122-040-A36	0.523 - 0.562
5250-122-040-A14	0.179 - 0.218	5250-122-040-A38	0.554 - 0.593
5250-122-040-A16	0.211 - 0.25	5250-122-040-A40	0.586 - 0.625
5250-122-040-A18	0.242 - 0.281	5250-122-040-A42	0.617 - 0.656
5250-122-040-A20	0.273 - 0.312	5250-122-040-A44	0.648 - 0.687
5250-122-040-A22	0.304 - 0.343	5250-122-040-A46	0.679 - 0.718
5250-122-040-A24	0.336 - 0.375	5250-122-040-A48	0.711 - 0.750
5250-122-040-A26	0.367 - 0.406	5250-122-040-A56	0.836 - 0.875
5250-122-040-A28	0.398 - 0.437	5250-122-040-A64	0.961 - 1
5250-122-040-A30	0.429 - 0.468		

ER50			
MODEL NO.	SIZE	MODEL NO.	SIZE
5250-122-050-006	6 - 5	5250-122-050-021	21 - 19
5250-122-050-007	7 - 6	5250-122-050-022	22 - 20
5250-122-050-008	8 - 7	5250-122-050-023	23 - 21
5250-122-050-009	9 - 8	5250-122-050-024	24 - 22
5250-122-050-010	10 - 9	5250-122-050-025	25 - 23
5250-122-050-011	11 - 9	5250-122-050-026	26 - 24
5250-122-050-012	12 - 10	5250-122-050-027	27 - 25
5250-122-050-013	13 - 11	5250-122-050-028	28 - 26
5250-122-050-014	14 - 12	5250-122-050-029	29 - 27
5250-122-050-015	15 - 13	5250-122-050-030	30 - 28
5250-122-050-016	16 - 14	5250-122-050-031	31 - 29
5250-122-050-017	17 - 15	5250-122-050-032	32 - 30
5250-122-050-018	18 - 16	5250-122-050-033	33 - 31
5250-122-050-019	19 - 17	5250-122-050-034	34 - 32
5250-122-050-020	20 - 18		

**INCHES**

5250-122-040-A14	0.179 - 0.219	5250-122-040-A50	0.703 - 0.781
5250-122-040-A16	0.211 - 0.250	5250-122-040-A54	0.765 - 0.844
5250-122-040-A20	0.273 - 0.313	5250-122-040-A60	0.859 - 0.938
5250-122-040-A22	0.304 - 0.344	5250-122-040-A64	0.921 - 1
5250-122-040-A24	0.336 - 0.375	5250-122-040-A65	1.015 - 1.094
5250-122-040-A28	0.359 - 0.438	5250-122-040-A70	1.109 - 1.188
5250-122-040-A34	0.453 - 0.531	5250-122-040-A72	1.171 - 1.25
5250-122-040-A40	0.546 - 0.625	5250-122-040-A74	1.234 - 1.313
5250-122-040-A44	0.609 - 0.688		

**Features:**

- ▶ Runout accuracy: 15µm, A class 10µm, UP class 5µm. Please indicate the runout accuracy needed when placing an order.
- ▶ Design: 8 slots in front and back, with good flexibility and convenient for clamping tools.
- ▶ Clamping range: ER8, ER11: 0.5mm; ER16,20,25,32,40: 1mm (ID ≥ 3mm), 0.5mm (ID < 3mm); ER50: 2mm (ID > 10mm), 1mm (ID ≤ 10mm).
- ▶ Surface roughness: Ra < 0.25µm, A class Ra < 0.15µm, UP class Ra < 0.1µm.
- ▶ Used for drills, taps, mills and reamers, etc.

