



Dual Contact and Direct Coolant Holders

New precision holders now available

Benefits: Accupro's Dual Contact is a new system of holders that provides direct contact between the spindle and the holder's taper and flange. Eliminating the gap increases surface contact with the holder and increases rigidity. Accupro's Direct Coolant Holders provide three different options for coolant application to the workpiece.

Dual Contact Holders

Our holders are compatible with **BIG-PLUS*** spindles and are interchangeable with any **BIG-PLUS** holder or existing tooling and spindle systems. Shim kits are no longer necessary.

Machines with the BIG-PLUS Spindle:

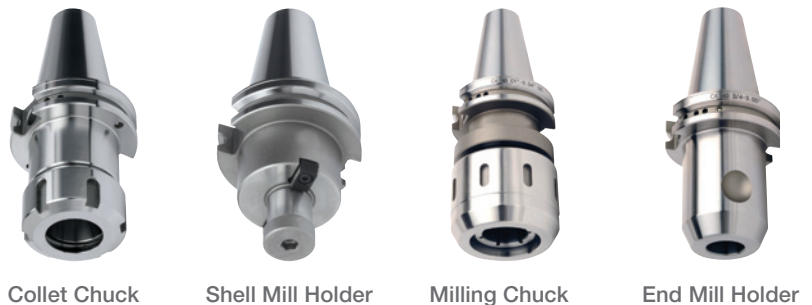
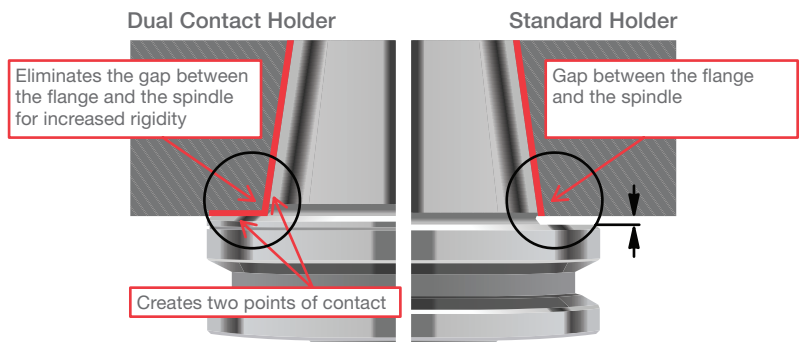
Makino, Mazak, Mori Seiki, Okuma and others.

Features:

- Improved rigidity and reduced vibration, allowing for increased feed rates
- Enhanced cutting efficiency and accuracy, plus increased tool life
- Premium balanced up to 30,000 rpm
- DIN coolant option — standard
- All-ground body
- 100% forged construction

Availability:

- CAT40 & CAT50 End Mill Holders
- CAT40 & CAT50 Shell Mill Holders
- CAT40 & CAT50 ER Collet Chucks
- CAT40 & CAT50 Milling Chucks



Direct Coolant Holders

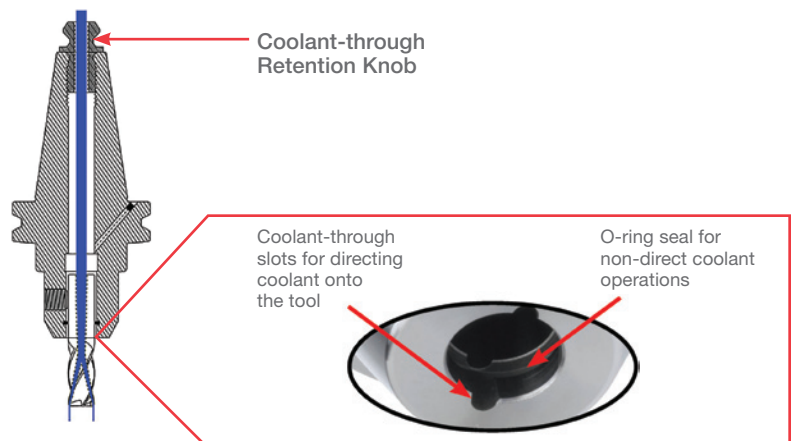
The flexibility of our Direct Coolant Holders allows the machinist three different options (3-in-1) to apply coolant to the workpiece, through the spindle, flange and/or body.

Features:

- Premium balanced up to 30,000 rpm
- All-ground body
- 100% forged construction
- O-ring option for non-direct coolant

Availability:

- CAT40 & CAT50 End Mill Holders



For more, visit the video tab at mscdirect.com/accupro

BIG-PLUS is a registered trademark of Daishowa Seiki Kabushiki Kaisha and does not endorse or sponsor Accupro products.



Dual Contact and Direct Coolant Holders

CAT V-Flange Milling Chuck Holders Coolant Type DIN Flange

MSC #	Accupro #	Hole Dia. (In.)	Nose Dia. (In.)	Projection
CAT40 Retention — Knob Thread Size 5/8–11				
42832121	771253	0.75	2.05	3.54
42832113	771255	1.00	2.41	3.54
42832105	771257	1.25	2.88	3.54
CAT50 Retention — Knob Thread Size 1–8				
42832097	771260	0.75	2.05	4.14
42832089	771264	1.00	2.41	4.14
42832071	771266	1.25	2.88	4.14

CAT V-Flange End Mill Holders Coolant Type DIN Flange

MSC #	Accupro #	Hole Dia. (In.)	Nose Dia. (In.)	Projection
CAT40 Retention — Knob Thread Size 5/8–11				
42832741	771026	1/2	1.38	2.50
42832733	771028	1/2	1.38	4.00
42832857	771046	3/4	1.75	5.50
42832725	771030	1/2	1.38	5.00
42832717	771034	5/8	1.65	3.00
42832709	771036	5/8	1.65	4.00
42832766	771038	5/8	1.65	5.50
42832758	771042	3/4	1.75	3.00
42832865	771044	3/4	1.75	4.00
42832824	771054	1	2.36	2.00
42832816	771056	1	2.36	4.00
42832808	771058	1	2.36	6.00
42832782	771060	1-1/4	2.25	2.00*
42832790	771062	1-1/4	2.48	4.00
42832774	771066	1-1/2	2.99	4.50
CAT50 Retention — Knob Thread Size 1–8				
42832881	771120	1/2	1.38	4.00
42832873	771122	1/2	1.38	6.00
42832907	771130	5/8	1.65	4.00
42832915	771132	5/8	1.65	6.00
42832923	771138	3/4	1.89	3.00
42832931	771140	3/4	1.89	4.00
42832899	771142	3/4	1.89	6.00
42832972	771154	1	2.36	4.00
42832964	771156	1	2.36	6.00
42832956	771158	1	2.36	8.00
42832949	771162	1-1/4	2.48	4.00
42832840	771164	1-1/4	2.48	6.00
42832832	771166	1-1/4	2.48	8.00
42833004	771170	1-1/2	2.99	4.50
42832998	771172	1-1/2	2.99	7.00
42832980	771178	2	3.74	5.37

*Stubby Length — No DIN Flange

CAT V-Flange Shell Mill Holders Coolant Type DIN Flange

MSC #	Accupro #	Pilot Dia. (In.)	Cutter Range (In.)	Lock Screw Thread	Nose Dia. (In.)	Projection (In.)
CAT40 Retention — Knob Thread Size 5/8–11						
42826560	771192	3/4	1-3/4 to 2	3/8–24	1.75	1.75
42826552	771194	3/4	1-3/4 to 2	3/8–24	1.75	4.00
42826545	771195	3/4	1-3/4 to 2	3/8–24	1.75	6.00
42826537	771196	1	2-1/4 to 2-3/4	1/2–20	2.38	1.75
42826529	771198	1	2-1/4 to 2-3/4	1/2–20	2.38	4.00
42826735	771199	1	2-1/4 to 2-3/4	1/2–20	2.38	6.00
42826727	771200	1-1/4	3 to 3-1/2	5/8–18	2.88	2.00
42826719	771202	1-1/4	3 to 3-1/2	5/8–18	2.88	4.00
42826701	771204	1-1/2	4 to 5	3/4–16	3.80	2.00
42826685	771206	1-1/2	4 to 5	3/4–16	3.80	4.00
CAT50 Retention — Knob Thread Size 1–8						
42826578	771208	3/4	1-3/4 to 2	3/8–24	2.00	1.75
42826610	771210	3/4	1-3/4 to 2	3/8–24	2.00	4.00
42826602	771212	3/4	1-3/4 to 2	3/8–24	2.00	6.00
42826594	771216	1	2-1/4 to 2-3/4	1/2–20	2.75	1.75
42826586	771218	1	2-1/4 to 2-3/4	1/2–20	2.75	4.00
42826677	771220	1	2-1/4 to 2-3/4	1/2–20	2.75	6.00
42826743	771222	1	2-1/4 to 2-3/4	1/2–20	2.75	8.00
42826750	771224	1-1/4	3 to 3-1/2	5/8–18	2.88	1.75
42826776	771226	1-1/4	3 to 3-1/2	5/8–18	2.88	4.00
42826784	771228	1-1/4	3 to 3-1/2	5/8–18	2.88	6.00
42826792	771230	1-1/4	3 to 3-1/2	5/8–18	2.88	8.00
42826800	771232	1-1/2	4 to 5	3/4–16	3.80	2.00
42826669	771234	1-1/2	4 to 5	3/4–16	3.80	4.00
42826651	771236	1-1/2	4 to 5	3/4–16	3.80	6.00
42826644	771238	1-1/2	4 to 5	3/4–16	3.80	8.00
42826636	771240	2	5-1/2 to 6	1–14	4.38	2.00
42826628	771242	2	5-1/2 to 6	1–14	4.38	4.00

CAT V-Flange Collet Chuck Holders Coolant Type DIN Flange

MSC #	Accupro #	Collet Series	Collet Range	Projection
CAT40 Retention — Knob Thread Size 5/8–11				
42831917	771406	ER16	0.019–0.393	2.50
42831933	771405	ER16	0.019–0.393	4.00
42831909	771410	ER16	0.019–0.393	6.00
42831883	771424	ER32	0.078–0.787	3.13
42831891	771423	ER32	0.078–0.787	4.00
42831925	771425	ER32	0.078–0.393	6.00
CAT50 Retention — Knob Thread Size 1–8				
42831990	771423	ER16	0.019–0.393	4.12
42831982	771434	ER16	0.019–0.393	6.00
42831941	771436	ER16	0.019–0.393	8.00
42831974	771454	ER32	0.078–0.797	4.00
42831966	771456	ER32	0.078–0.797	6.00
42832006	771458	ER32	0.078–0.797	8.00

CAT V-Flange End Mill Holders Direct Coolant Holders

MSC #	Accupro #	Hole Dia. (In.)	Nose Dia. (In.)	Projection
CAT40 Retention — Knob Thread Size 5/8–11				
42837062	772048	1/2	1.38	2.50
42837013	772050	1/2	1.38	4.00
42837039	772056	5/8	1.65	1.75
42837021	772058	5/8	1.65	3.00
42837005	772066	3/4	1.89	1.75
42836999	772068	3/4	1.75	3.00
42836973	772080	1	2.25	2.00

MSC #	Accupro #	Hole Dia. (In.)	Nose Dia. (In.)	Projection
CAT50 Retention — Knob Thread Size 1–8				
42837096	772136	1/2	1.38	2.63
42837187	772138	1/2	1.38	4.00
42837120	772162	3/4	1.89	4.00
42837054	772164	3/4	1.89	6.00
42837047	772178	1	2.36	4.00

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