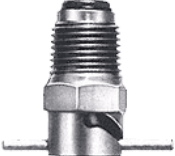
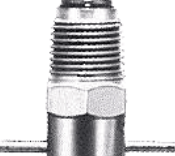

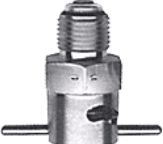


Curtis Superior Valve Co. Oil Drain Valves Application Chart

CSVC Part	Description	Application	Conforms to
 <p style="text-align: center;">CCA-1400</p>	<p>½" NPT Brass, Length 2.154" Action: Spiral Lock Open</p>	<p>Lycoming O-235, O-235C, O-235H, O-235-L2C, O-235-N2C, O-290, O-310, O-320, IO-320, LIO-320 AEIO-320, O-360, IO-360, AIO-360, AEIO-360, TO-360, LTO-360, TIO-360, VO-360, IVO-360, HIO-360, LIO-360, O-435, GO-435, TVO-435, GO-480, IGSO-540, VO-540, IVO-540, TIVO-540, ISGO-540, TIO-541, TIO-5141, TIGO-541, IO-720</p>	<p>USAF Spec. 28208 TSO-C76</p>
 <p style="text-align: center;">CCA-1700</p>	<p>½" NPT Brass, Length 2.154" Action: Push to Open Turn to Lock Open</p>	<p>Lycoming O-235, O-235C, O-235H, O-235-L2C, O-235-N2C, O-290, O-310, O-320, IO-320, LIO-320 AEIO-320, O-360, IO-360, AIO-360, AEIO-360, TO-360, LTO-360, TIO-360, VO-360, IVO-360, HIO-360, LIO-360, O-435, GO-435, TVO-435, GO-480, IGSO-540, VO-540, IVO-540, TIVO-540, ISGO-540, TIO-541, TIO-5141, TIGO-541, IO-720</p>	<p>USAF Spec. 28208 NSN 2915-00-689-3000 TSO-C76</p>
 <p style="text-align: center;">CCB-37000</p>	<p>½" NPT Brass, Body Length 2.128" Stem Length 1.125" Lockwire Drill Action: Push to Open, Turn to Lock Open</p>	<p>Lycoming O-235, O-235C, O-235H, O-235-L2C, O-235-N2C, O-290, O-310, O-320, IO-320, LIO-320 AEIO-320, O-360, IO-360, AIO-360, AEIO-360, TO-360, LTO-360, TIO-360, VO-360, IVO-360, HIO-360, LIO-360, O-435, GO-435, TVO-435, GO-480, IGSO-540, VO-540, IVO-540, TIVO-540, ISGO-540, TIO-541, TIO-5141, TIGO-541, IO-720</p>	<p>USAF Spec. 28208 MIL-V-25023 TSO-C76</p>
 <p style="text-align: center;">CCA-39550</p>	<p>5/8" – 18 NF3 Brass Length 1.625" Lockwire Drill Action: Spiral, Lock Open</p>	<p>Continental A-65, A-75, C-75, C-85, E-185, C-90-8F, C90-12F, C90-14F, E-225, O-200A, B; GO-300-A, C, D, E, IO-360-A,B,C,D,G,H,J,K; TSIO-360-A,B,C,D,E,EB,F,FB,H; O-470-B,G,J,K,L,M,P,R,S,U; O-470-4,11,13,15; TSIO-470-B,C,D; IO-520-A,B,VA,C,D,F,J,L,M; TSIO-520 B,C,D,E,G,H,J,K,L,M,N,P,R,S; GTSIO-520-B,C,D,E,G,H,J,K,L,M,N,P,R,S; GTSIO-520-C,D,F,H,K,L,M; C75-2, C-520, IO-550</p>	<p>TSO-C76</p>

PIPE THREAD VALVES			FLUSH MOUNTED VALVES	
CCA-1250 1/8 N.P.T. Brass Inst. Lgth .750 Action Spiral, lock open TSO-C76a	CCA-1550 1/8 N.P.T. Brass Inst. Lgth .750 Push to open turn to lock TSO-C76a NSN 4820-00-202-6420	CCA-4850 1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action Spiral, Lock open TSO-C76a NSN 4820-01-050-7496	CCA-2500 1/8 N.P.T. Brass Push to open Use Pin type cup Inst. Lgth .335 TSO-C76a	CCA-2600 1/4 N.P.T. Brass Push to open Use Pin type cup Inst. Lgth .370 TSO-C76a
CCA-7450 Cadmium Plated Inst. Lgth .750 Push to open turn to lock TSO-C76a NSN 4820-00-832-3778	CCA-9950 1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Lock wire body Action Spiral, lock open TSO-C76a	CCA-36150 1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action Spiral, non locking TSO-C76a	CCA-2700 3/8 - 24 UNF Brass Push to open Use Pin type cup Inst. Lgth .350 TSO-C76a	CCA-2800 7/16 - 20 UNF Brass Push to open Use Pin type cup Inst. Lgth .245 TSO-C76a
CCB-36700 1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action push to open non lock TSO-C76a	CCB-36750 1/8 N.P.T. Stainless Steel Inst. Lgth .750 Action Spiral to open Turn to lock TSO-C76a Lock wire drilled NSN 2810-00-859-8863	CCA-1300 1/4 N.P.T. Brass Inst. Lgth .850 Spiral to open turn to lock TSO-C76a	CCA-2900 1/2 - 20 UNF Brass Push to open Use Pin type cup Inst. Lgth .192 TSO-C76a	CCA-7500 3/4 - 16 UNF Alum. Anodized Spiral to open, Lock open Screwdriver Slot NSN 4820-00-529-0918
CCA-1600 1/4 N.P.T. Brass Inst. Lgth .850 Push to open turn to lock TSO-C76a NSN 2915-00-486-5062	CCA-4800 1/4 N.P.T. Brass Cadmium Plated Inst. Lgth .850 Lock wire drilled Push to open turn to lock TSO-C76a	CCA-4900 1/4 N.P.T. Brass Cadmium Plated Inst. Lgth .850 Spiral open turn to lock TSO-C76a NSN 4820-00-097-0319	CCA-7500-1 3/4 - 16 NF3 Alum. Anodized Spiral to open, Lock open Screwdriver Slot NSN 4820-00-860-3896	CCA-7500-2 3/4 - 16 NF3 Alum. Anodized Spiral to open, Lock open Screwdriver Slot NSN 4820-00-869-5896
CCA-39000 1/4 N.P.T. Stainless Steel Inst. Lgth .850 Spiral, open turn to lock TSO-C76a	CCA-1350 3/8 N.P.T. Brass Inst. Lgth .975 Spiral, open turn to lock TSO-C76a NSN 4820-00-256-9379	CCA-1650 3/8 N.P.T. Brass Inst. Lgth .975 Push to open Turn to lock TSO-C76a	CCA-7600 3/4-16 NF3 Alum. Anodized Spiral to open, Turn 90° to lock valve Screwdriver slot TSO-C76 Pending	CCB-37500 3/4-16 NF3 Alum. W/Nylok Hex Push to open turn to lock Meets lightning Safety Req. Per Mil-C-38373 Para. 4.6.14 TSO-C76 Pending
CCA-4950 3/8 N.P.T. Brass Cadmium Plated Inst. Lgth .975 Spiral, open turn to lock TSO-C76a NSN 4820-00-202-6015	CCA-1400 1/2 N.P.T. Brass Inst. Lgth 1.030 Spiral, open turn to lock TSO-C76a	CCA-1700 1/2 N.P.T. Brass Inst. Lgth 1.030 Push to open Turn to lock TSO-C76a NSN 4820-00-689-3000	CCB-36450 3/4 - 16-NF3 Alum. Anodized Flush Mounted Push to open turn to lock NSN 4820-00-783-6477	CCB-36450-5 3/4 - 16-NF3 Alum. Anodized Flush Mounted Push to open turn to lock Meets Lightning Safety Req. Mil-C-38373 Para. 4.6. 14

OIL DRAIN VALVES FAA-PMA Pending | Experimental use only

CCA-2440 HKS700 Eng. 14MM 1.50 Brass Inst. Lgth. Body 1.00 Stem Lgth. 900 W/3/8 Hose Nip. Spiral to open turn to lock Lock wire drilled	CCA-2450 ROTAX Eng. 12MM 1.75 Brass Inst. Lgth Body 1.00 Stem Lgth. 900 W/ 3/8 Hose Nip Spiral to open turn to lock Lock wire drilled	CCA-2460 JABIRU Eng. 1/2 - 20 UNF-3A Inst. Lgth Body 1.00 Stem Lgth .900 W/ 3/8 Hose Nip Spiral to open turn to lock Lock wire drilled	CCA-2475 Adapter Assy ROTAX 12MM 1.75 CCA-2470 Adpt & CCA-2450 Valve	CCA-2485 Adapter Assy JABIRU 1/2 - 20 UNF-3A CCA-2480 Adpt & CCA-2460 Valve
---	---	--	---	--

STRAIGHT THREAD VALVES

CCA-2470 Adapter ROTAX 12MM 1.75 Aluminum. Inst. Lgth Body & Nut 1.260 Lock wire drilled	CCA-2480 Adapter JABIRU Eng. 1/2 - 20 UNF-3A Aluminum Inst. Lgth Body & Nut 1.260 Lock wire drilled	CCA-4300 7/16 - 20NF3 Cadmium Plated Brass Inst. Lgth .625 Spiral to open, turn to lock Lock wire drilled TSO-C76a NSN 4320-00-107-3316	CCB-4320 7/16 - 20 NF3 Cadmium Plated Brass Inst. Lgth .830 Push to open non locking Lock wire drilled TSO-C76a NSN 2915-00-532-7404	CCA-5800-1 7/16 - 20NF3 Cadmium Plated Brass Inst. Lgth .620 Spiral, Non lock open Lock wire drilled TSO-C76a NSN 4820-00-860-3896
--	---	--	---	---

CURTIS INSTALLATION SOCKETS

CST-716 Fits all 7/16 Hex Valves	CST-916 Fits all 9/16 Hex Valves	CCA-5800-3 7/16 - 20NF3 Cadmium Plated Brass Inst. Lgth .620 Push to open Non locking Lock wire drilled TSO-C76a NSN 4820-01-048-6169	CCA-4350 9/16 - 18UNF3 Cadmium Plated Brass Inst. Lgth .635 Spiral, lock open Lock wire drilled TSO-C76a NSN 4320-00-203-6321	CCA-7250 3/4 - 16NF3 Cadmium Plated Brass Inst. Lgth .635 Spiral to open Lock open Lock wire drilled TSO-C76a NSN 4820-00-444-9592
CST-1116 Fits all 11/16 Hex valves	CST-78 Fits all 7/8 Hex Valves	CCA-31300 9/16 - 18NF3 Cadmium Plated Brass Inst. Lgth .635 Push to open Non Locking Lock wire drilled TSO-C76a	HOSE BARB VALVES	
CST-36450 Fits CCB-36450 & CCB-36450-5 Valves	CCA-39680 Sampling Cup For sampling Fuel on Flush Mounted fuel valves	CCA-39550 5/8 - 18 NF3 Inst. Lgth Body 1.050 Spiral to open turn to lock Lock wire drilled TSO-C76a	CCA-3400 1/2 I.D. Hose Fitting Inst. Lgth .695 Spiral to open turn to lock NSN 4820-00-533-6592 TSO-C76a	CCA-5400 7/16 - 20 NF3 Cadmium Plated Brass Inst. Lgth Body .616 Stem Lgth 1.125 Spiral to open turn to lock Lock wire drilled TSO-C76a
PLT-275AV Flush Valve Fuel Plate		CCA-37000 1/2 N.P.T Brass Inst. Lgth Body 1.075 Stem lgh. .925 W/3/8 Hose Nip. Push to open turn to lock Lock wire drilled TSO-C76a	CCA-39560 5/8 - 18 NF3A Inst Lgth Body 1.050 Stem Lgth. .925 W/3/8 Hose Nip. Spiral to open turn to lock Lock wire drilled	

TORQUE SPECIFICATIONS			IMPORTANT VALVE INSTRUCTIONS		
PIPE THREADS 1/8 - 27 N.P.T. 40 - 45 In. Lbs 1/4 - 18 N.P.T. 80 - 85 In. Lbs 3/8 - 18 N.P.T. 105 - 115 In. Lbs 1/2 - 14 N.P.T. 155 - 165 In. Lbs	STRAIGHT THREADS 7/16 -20 80 - 85 In. Lbs 7/16 -24 80 - 85 In. Lbs 1/2 -20 80 - 85 In. Lbs 9/16 -18 80 - 85 In. Lbs 3/4 -16 80 - 90 In. Lbs 5/8 -18 100 - 115 In. Lbs	SPECIAL THREADS WITH CRUSH WASHERS CCA - 2450 12MM1.75 60 - 70 In. Lbs CCA - 2460 1/2 - 20 60 - 70 In. Lbs CCA - 2470 12MM1.75 60 - 70 In. Lbs CCA - 2480 1/2 - 20 60 - 70 In. Lbs	Curtis Superior Valves do not use O-rings, we use a special flat molded seal, therefore can not be overhauled. If the valve is leaking clean the seal area and recheck for leakage, if the valve continues to leak replace the entire valve per the aircraft maintenance schedule. Curtis Valves have a life expectancy of 10 years under normal operating conditions. We recommend the following thread sealant: 1. Pipe threads: 1/4" teflon tape, Permatex 80632 Thread Sealant, Loctite 592 PST Pipe Sealant 2. Straight Threads: Lubricating Oil		

FLUSH FUEL VALVES O.E.M. & MANUFACTURERS CROSS REFERENCE					
Curtis Part No.	Auto Valve Part No.	Saf-Air Part No.	Cessna Part No.	Piper Part No.	Cirrus Part No.
CCA-2500	F391-18 • F391-187B	SA-18 • SA-187	S2106-3	491-806	
CCA-2600	F391-14	SA-14			
CCA-2700	F391-32	SA-32	S2106-1		
CCA-2800	F391-72	SA-72	S2106-2		
CCA-2900	F391-82	SA-82	S2020-2 • C100360		25038-001 • C100191

DISTRIBUTED BY

AERO SUPPLY LTD. EST. 1994
 CALGARY - PETERBOROUGH
 www.KadexAero.com
 PARTS@KADEXAERO.COM