



# WALL CHART

At-A-Glance reference guide, for full line see [curtissuperiorvalve.com](http://curtissuperiorvalve.com).

## PIPE THREAD VALVES

<b>CCA-1100/CCA-1150</b>  <b>CCA-1150</b> 1/8 N.P.T. Alum Anodized Inst. Lgth .750 Push to open turn to lock TSO-C76B O-Ring #MS29513-007 <b>CCA-1100</b> Non-Certified, Compatible with Bio Fuels O-Ring # VM 835-75-007	<b>CCA-1250</b>  1/8 N.P.T. Brass Inst. Lgth .750 Action Spiral, lock open TSO-C76	<b>CCA-1550</b>  1/8 N.P.T. Brass Inst. Lgth .750 Push to open turn to lock NSN 4820-00-202-6420 TSO-C76
<b>CCA-4850</b>  1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action Spiral, Lock open NSN 4820-01-050-7496 TSO-C76	<b>CCA-9950</b>  1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action Spiral, lock open TSO-C76	<b>CCA-36150</b>  1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action Spiral, non locking TSO-C76
<b>CCA-7450</b>  1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Push to open turn to lock NSN 4820-00-832-3778 TSO-C76	<b>CCB-36700</b>  1/8 N.P.T. Brass Cadmium Plated Inst. Lgth .750 Action push to open non lock TSO-C76	<b>CCB-36750</b>  1/8 N.P.T. Stainless Steel (303) Inst. Lgth .750 Action Spiral to open Turn to lock NSN 2810-00-859-8863 TSO-C76
<b>CCA-1300</b>  1/4 N.P.T. Brass Inst. Lgth .850 Spiral to open turn to lock TSO-C76	<b>CCA-1600</b>  1/4 N.P.T. Brass Inst. Lgth .850 Push to open turn to lock NSN 2915-00-486-5062 TSO-C76	<b>CCA-4800</b>  1/4 N.P.T. Brass Cadmium Plated Inst. Lgth .850 Push to open turn to lock TSO-C76
<b>CCA-4900</b>  1/4 N.P.T. Brass Cadmium Plated Inst. Lgth .850 Spiral open turn to lock NSN 4820-00-097-0319 TSO-C76	<b>CCA-39000</b>  1/4 N.P.T. Stainless Steel (303) Inst. Lgth .850 Spiral, open turn to lock TSO-C76	<b>CCA-1350</b>  3/8 N.P.T. Brass Inst. Lgth .975 Spiral, open turn to lock NSN 4820-00-256-9379 TSO-C76
<b>CCA-1650</b>  3/8 N.P.T. Brass Inst. Lgth .975 Push to open Turn to lock TSO-C76	<b>CCA-4950</b>  3/8 N.P.T. Brass Cadmium Plated Inst. Lgth .975 Spiral, open turn to lock NSN 4820-00-202-6015 TSO-C76	<b>CCA-7000</b>  3/8 N.P.T. Alum Anodized Inst. Lgth .975 Push to open Turn to lock For Use with Bio Fuels

### CURTIS INSTALLATION SOCKETS

**CST-716**  
**CST-916**  
**CST-1116**  
**CST-78**  
**CST-36450**

## PUSH BUTTON VALVES

<b>CCA-1800</b>  1/8 N.P.T. Brass Push to Open Inst. Lgth .520 O-Ring # MS29513-007 TSO-C76b	<b>CCA-1900</b>  1/4 N.P.T. Brass Push to Open Inst. Lgth .605 O-Ring # MS29513-007 TSO-C76b
<b>CCA-2000</b>  3/8 - 24 UNF-3A Brass Push to Open Inst. Lgth .460 Lock wire drilled O-Ring # MS29513-007 TSO-C76b	<b>CCA-2100</b>  7/16 - 20 UNF-3A Brass Push to Open Inst. Lgth .470 Lock wire drilled O-Ring # MS29513-007 TSO-C76b

## FLUSH MOUNTED VALVES

<b>CCA-1200</b>  7/16 - 20 UNF-3A Fitting 3/4 - 16 UNF-3A Bulkhead Alum. Anodized Push to open Use Pin type cup Inst. Lgth .130 TSO-C76b   Lightning Approved	<b>CCA-2500</b>  1/8 N.P.T. Brass Push to open Use Pin type cup Inst. Lgth .335 Lock wire drilled TSO-C76a
<b>CCA-2600</b>  1/4 N.P.T. Brass Push to open Use Pin type cup Inst. Lgth .370 Lock wire drilled TSO-C76a	<b>CCA-2700</b>  3/8 - 24 UNF-3A Brass Push to open Use Pin type cup Inst. Lgth .250 Lock wire drilled TSO-C76a
<b>CCA-2800</b>  7/16 - 20 UNF-3A Brass Push to open Use Pin type cup Inst. Lgth .245 Lock wire drilled TSO-C76a	<b>CCA-2900</b>  1/2 - 20 UNF-3A Brass Push to open Use Pin type cup Inst. Lgth .192 Lock wire drilled TSO-C76a
<b>CCA-7500</b>  3/4 - 16 UNF-3A Alum. Anodized Spiral to open, Lock open Screwdriver Slot NSN 4820-00-529-0918	<b>CCA-7600</b>  3/4-16 UNF-3A Alum. Anodized Spiral to open, Turn 90° to lock valve Screwdriver slot
<b>CCB-37500</b>  3/4-16 UNF-3A Alum. W/Nylok Hex Push to open turn to lock Meets lightning Safety Req. Per Mil-C-38373 Para. 4.6, 14 TSO-C76b	<b>CCB-36450</b>  3/4 - 16 UNF-3A Alum. Aloxine Flush Mounted Push to open turn to lock NSN 4820-00-783-6477
<b>CCB-36450-5</b>  3/4 - 16 UNF-3A Alum. Aloxine Flush Mounted Push to open turn to lock Meets Lightning Safety Req. Mil-C-38373 Para. 4.6, 14 NSN 4820-01-073-1802 TSO-C76b	<p> <b>Curtis Straining Cup</b>                  For use with                  Curtissuperiorvalve.com             </p>

## HOSE BARB VALVES

<b>CCA-3400</b>  1/2 I.D. Hose Fitting Inst. Lgth .695 Spiral to open turn to lock NSN 4820-00-533-6592 TSO-C76	<b>CCA-5400</b>  7/16 - 20 UNF-3A Cadmium Plated Brass Inst. Lgth Body .616 Stem Lgth 1.125 Spiral to open turn to lock Lock wire drilled TSO-C76
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## STRAIGHT THREAD VALVES

<b>CCA-4300</b>  7/16 - 20 UNF-3A Cadmium Plated Brass Inst. Lgth .625 Spiral to open, turn to lock Lock wire drilled NSN 4320-00-107-3316 TSO-C76	<b>CCB-4320</b>  7/16 - 20 UNF-3A Cadmium Plated Brass Inst. Lgth .830 Push to open non locking Lock wire drilled NSN 2915-00-532-7404 TSO-C76	<b>CCA-5800-1</b>  7/16 - 20 UNF-3A Cadmium Plated Brass Inst. Lgth .620 Spiral, Non lock open Lock wire drilled NSN 4820-00-860-3896 TSO-C76
<b>CCA-5800-3</b>  7/16 - 20 UNF-3A Cadmium Plated Brass Inst. Lgth .620 Push to open Non locking Lock wire drilled NSN 4820-01-048-6169 TSO-C76	<b>CCA-4350</b>  9/16 - 18 UNF-3A Cadmium Plated Brass Inst. Lgth .635 Spiral, lock open Lock wire drilled NSN 4320-00-203-6321 TSO-C76	<b>CCA-31300</b>  9/16 - 18 UNF-3A Cadmium Plated Brass Inst. Lgth .635 Push to open Non Locking Lock wire drilled TSO-C76

## OIL DRAIN VALVES Experimental use only unless noted in description

<b>CCA-2450</b>  For Rotax 12MM 1.75 Brass Inst. Lgth Body 1.00 Stem Lgth .900 Spiral to open turn to lock Lock wire drilled	<b>CCA-2460</b>  For Jabiru 1/2 - 20 UNF-3A Inst. Lgth Body 1.00 Stem Lgth .900 Spiral to open turn to lock Lock wire drilled	<b>CCA-2470</b>  <b>CCA-2470</b> 12MM 1.75 Thread <b>CCA-2480</b> 1/2 - 20 UNF Thread Aluminum Body Brass Bolt Inst Lgth Body & Nut 1.260 Lock wire drilled	<b>CCA-2474</b>  CCA-2474 Adapter ROTAX Eng. 12MM 1.75 Aluminum Inst. Lgth 1.075 Lock wire drilled	<b>CCA-2475</b>  For Rotax 12MM 1.75 CCA-2470 Adpt & CCA-2450 Valve
<b>CCA-2485</b>  For Jabiru 1/2 - 20 UNF-3A CCA-2480 Adpt & CCA-2460 Valve	<b>CCA-39550</b>  5/8 - 18 UNF-3A Inst. Lgth Body 1.050 Spiral to open turn to lock Lock wire drilled	<b>CCA-39560</b>  5/8 - 18 UNF-3A Inst Lgth Body 1.050 Stem Lgth .925 Spiral to open turn to lock Lock wire drilled	<b>CCB-37000</b>  1/2 N.P.T. Brass Inst. Lgth Body 1.075 Stem Lgth .925 Push to open turn to lock Lock wire drilled FAA-PMA TSO-C76	<b>CCB-38000</b>  1/2 N.P.T. Alum Anodized Inst. Lgth .765 Open with Activator CCA-38001 Activator Included Lock wire drilled O-Ring # VM 835-75-108 FAA-PMA
<b>CCB-33000</b>  5/8 - 18 UNF-3A Inst. Lgth 2.100 Turn push to open, turn to lock Lock wire drilled O-Ring # VM 835-75-108 FAA-PMA	<b>CCB-36000H</b>  1/2 N.P.T. Alum Anodized Inst. Lgth 2.100 Push to Open turn to lock Lock wire drilled O-Ring # VM 835-75-109 FAA-PMA	<b>CCB-32000</b>  5/8 - 18 UNF-3A Inst. Lgth .600 Open with Activator CCA-38001 Activator Included Lock wire drilled O-Ring # VM 835-75-108 FAA-PMA Pending		

## TORQUE SPECIFICATIONS

STRAIGHT THREADS	SPECIAL THREADS WITH CRUSH WASHERS	PIPE THREADS
3/8 - 24 80 - 85 In. Lbs	CCA-2450 12MM 1.75 80 - 85 In. Lbs	1/8 - 27 N.P.T. 40 - 45 In. Lbs
7/16 - 20 80 - 85 In. Lbs	CCA-2460 1/2 - 20 60 - 70 In. Lbs	1/4 - 18 N.P.T. 80 - 85 In. Lbs
1/2 - 20 80 - 85 In. Lbs	CCA-2470 12MM 1.75 80 - 85 In. Lbs	3/8 - 18 N.P.T. 105 - 115 In. Lbs
9/16 - 18 80 - 85 In. Lbs	CCA-2474 12MM 1.75 80 - 85 In. Lbs	1/2 - 14 N.P.T. 155 - 165 In. Lbs
3/4 - 16 80 - 90 In. Lbs	CCA-2480 1/2 - 20 60 - 70 In. Lbs	
5/8 - 18 190 - 210 In. Lbs		

## FLUSH FUEL VALVES AND OIL DRAIN VALVE CROSS REFERENCE

Curtis Part No.	Auto Valve Part No.	Saf-Air Part No.	Aeroquip E-Z Oil Drain Part No.
CCA-1200	710C-4	SA5817-4C	
CCA-1800		CAV-110	
CCA-1900		CAV-160	
CCA-2000		CAV-180	
CCA-2100		CAV-170	
CCA-2500	F391-18 • F391-187B	SA-18 • SA-187	
CCA-2600	F391-14	SA-14	
CCA-2700	F391-32	SA-32	
CCA-2800	F391-72	SA-72	
CCA-2900	F391-82	SA-82	
CCB-32000		F62	
CCB-37000		P5000	
CCB-38000		F50	
CCB-33000			AE99950G
CCB-36000H			AE80664H

## IMPORTANT VALVE INSTRUCTIONS

Most Curtis Superior Valves do not use O-rings unless noted in description, 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