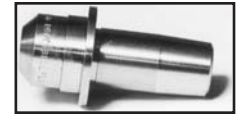




# Valve Guide

BIG TWIN



Size	V-Twin Cast Iron		Rowe Cast Iron		Rowe Ampco 45		Precision Bronzonium	
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
<b>All Evo Big Twin and TC-88 1999-2004</b>								
STD			11-9806	11-9813	11-1895	11-1895		
+.001			11-9807	11-9814	11-1896	11-1896		
+.002			11-9808	11-9815	11-1897	11-1897	11-0762	11-0762
+.003	11-0683	11-0683	11-9809	11-9816				
+.004			11-9810	11-9817	11-1898	11-1898		
+.006			11-9811	11-9818	11-1899	11-1899		
+.008			11-9812	11-9819				

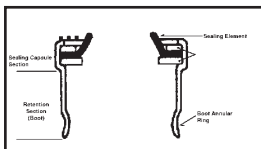
Size	Precision Machine Ampco 45		Precision Machine Cast Iron	
	Intake	Exhaust	Intake	Exhaust
<b>TC-88 2005-up</b>				
STD	11-1054	11-1057	11-1060	11-1063
+.001	11-1055	11-1058	11-1061	11-1064
+.002	11-1056	11-1059	11-1062	11-1065

Size	Manley Bronze Pairs		Precision Machine Ampco 45		Precision Machine Cast Iron	
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
<b>All Evo Big Twin and 1999-04 TC-88 models</b>						
STD			11-1019	11-1019	11-1014	11-1014
+.001			11-1020	11-1020	11-1015	11-1015
+.002	11-9109	11-9109	11-1021	11-1021	11-1016	11-1016
+.003			11-1022	11-1022	11-1017	11-1017
+.004			11-1023	11-1023	11-1018	11-1018

## Valve Seals



**Valve Stem Oil Seal Kit** include 4 pieces of proper guide seal and installation tool. Fits 1985-04 Big Twin. VT No. 16-1745



**Valve Stem Seals** in 10 packs for years listed. Installation tools and plastic 10 pack sleeves available separately.

VT No. Fits Mfg. No.  
**14-0164** BT 1984-04 Evo/ 1400  
 TC-88

**16-1751** Sleeve 5/16

### Installation Tools

**16-1746** 1984-04 Evo Red

**Note:** 14-0164 is 5/16



**Sifton Valve Stem Seal** features a Viton seal with double coil spring for tension, and steel band to secure to guide.

VT No. Fits  
**14-0969** 1983-2004Ev/TC-88  
**14-0978** 2005-up TC-88



**Teflon Valve Stem Seal Set** provides maximum valve stem oil control as seals wipe excess oil from the valve stem by means of a unique spring loaded wiper assembly which prevents unwanted oil from reaching and contaminating the cylinder. Machining required.

VT No. Fits Type  
**14-0256** 1984-04 Crane  
**14-0257** 1984-04 Sifton



12-0994



**Evo Valve Guide Circlip.** Use on all 1984-99 Evo Big Twins when using valve guides without built in shoulder or stop collar. .04 wire x .520 diameter. Allows rebuilder to cut a groove in valve guide and install to desired height. VT No. 12-0994

### Rowe Unhoned Cast Iron Valve Guides

Intake and Exhaust Guide is the same unless noted.

Size	EVO Big Dia 300 Shorter with built-in shoulder	EVO STD Dia. Top All Evo	EVO Big Dia. .200 Shorter	Rowe Iron Tru-Bore Guides I.D. Honed	
				1984-up Evo & 1999-04 TC-88 Intake	1984-up Evo & 1999-04 TC-88 Exhaust
STD	11-2171	11-2100	11-2101	11-1942	11-1950
.001	11-2172	11-2102	11-2103	11-1943	11-1951
.002	11-2173	11-2104	11-2105	11-1944	11-1952
.003	11-2174	11-2106	11-2107	11-1945	11-1953
.004	11-2175	11-2108	11-2109	11-1946	11-1954
.006	11-2176	11-2110	11-2111	11-1947	—
.008	11-2177	11-2112	11-2113	11-1948	11-1956
.010	—	—	—	11-1949	11-1957
.012	—	—	—	—	—
.015	—	—	—	—	—
Top Dia.	.531	.420	.531	.200"	.200"
Seal#	<b>14-0143</b>	<b>14-0164</b>	<b>14-0143</b>	<b>14-0143</b>	<b>14-0143</b>
Overall Length	2.10	2.40	2.20	2.20"	2.20

**Precision Machining 80" Evo Ampco 45 Shouldered Valve Guides.** Supplied with Viton stem seal that locks into a machined groove on guide. Can be used with up to .600" lift cam.

Size	Intake VT No.	Exhaust VT No.
STD	<b>11-1044</b>	<b>11-1049</b>
.001	<b>11-1045</b>	<b>11-1050</b>
.002	<b>11-1046</b>	<b>11-1051</b>
.004	<b>11-1047</b>	<b>11-1052</b>
.006	<b>11-1048</b>	<b>11-1053</b>

