

Valve Guides



Size	V-Twin Cast Iron		Rowe Cast Iron		Rowe Ampco 45		Precision Bronzonium	
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
All Evo Big Twin and TC-88 1999-2004								
STD			11-9806	11-9813	11-1895	11-1895		
+.001	11-0681	11-0681	11-9807	11-9814	11-1896	11-1896		
+.002	11-0682	11-0682	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				

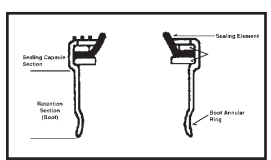
Size	Precision Machine Ampco 45		Precision Machine Cast Iron	
	Intake	Exhaust	Intake	Exhaust
TC-88 2005-up				
STD	11-1054	11-1057	11-1060	11-1063
+.001	11-1055	11-1058	11-1061	11-1064
+.002	11-1056	11-1059	11-1062	11-1065

Size	Manley Bronze Pairs		Precision Machine Ampco 45		Precision Machine Cast Iron	
	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust
All Evo Big Twin and 1999-04 TC-88 models						
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.

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

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|---------------|-------------------|
| 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.

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|-----------------|-------------|-------------|
| Seal No. | Fits | Type |
| 14-0256 | 1984-04 | Crane |
| 14-0257 | 1984-04 | OE |

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 Evolution	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#	14-0143	14-0164	14-0143	14-0143	14-0143
Overall Length	2.10	2.40	2.20	2.20"	2.20

Precision Machining 80" Evolution 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.

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

