



# ENGINE VALVES

## CTP Bimetallic & Trimetallic Valves

CTP offers a complete range of Bimetallic and Trimetallic specialty engine valves. The bimetallic valves are welded using a friction-welding process that merges the two pieces of material; Austenitic and Martensitic. Austenitic Steel known for its high heat and corrosion resistance properties, is used at the head, while the stem is made from Martensitic Steel which has high tensile strength and abrasive wear resistance properties. These bimetallic engine valves provide a higher resistance to wear and extreme temperatures. The CTP Tri-metallic valves are subjected to a secondary process, where a Stellite alloy is deposit welded onto the seat of the exhaust valves. Stellite is a group of cobalt-based alloys that are extremely resistant to corrosion, wear and intense temperatures.

During manufacturing all of the measurements of the valves are verified with highly precise instrumentation to ensure the concentricity of the valve to guarantee a perfect seal between the valve and valve seat every time.

### New engine valves added to our product offering:

Engine	Intake Valve	Exhaust Valve
3013	1566985	1566986
3024C, 3034	1888640	1529857
C2.2	3081860	3441624
C9	2527803	2418383
C12, 3176B/C, 3196	1570672	1570671
C15, C27, C32, 3508B	2365605	1537024
D346	1N4885	7E7830
C1.1, C1.5, C2.2	4359544	3081861
3306, 3304	5S6452	5S6449
3208	7C0362	1196772
G3304B, G3306	7W7490	7W7491
G342, G343, G353	8M2553	8M2552

### CTP quality engine valves provide:

- ✓ Excellent resistance to extreme temperatures of the engine.
- ✓ Improved endurance
- ✓ Better resistance to mechanical stress and chemical corrosion.

\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions. Part Numbers are used for reference purposes only

## More valves available in our stock:

Engine	Intake Valve	Exhaust Valve
G3406, G3408, G3412	1227353	1018314
3406, 3408, 3412	1152368	1152367
3208	9L7682	1196772
3406E, 3408, 3408E	1220322	1220321
C10, C12, 3176	1929213	1337029
C10, C12, 3176	7E9578	1337029
3116, 3126	1614280	1360819
3114, 3116	7W8064	1360819
3054, 3056	1382052	1382050
3054, 3056	1456855	1382050
3054, 3056	1456855	1456857
3126B/E, C7	1457390	1478211
3126B/E, C7	2527801	1478211
C7, 3126E	2527801	1478211
3304, 3306	1007860	1487455
3406E	1528380	1527585
3406E	1537023	1537024
3116, 3126	1632431	1632432
3412C, 3412E, C32	1642543	1642542
3054C	1763134	1763137
C9	1632442	1883122
3508B, 3512C/E	2102542	1944897
3500 Series	2102542	2102529
G3408C	2120932	2120933
C11, C13	2243028	2243030
C11, C13	2527802	2243030
3054C	2255495	2255499
3044C, 3046, C3.4	2335469	2335470
C9	2418382	2418383
C6.4	2941684	2941685
3500 Series	2102542	3074641
1676, D334, D336	2S8143	1S2903
621, 980	7S2514	1S2903

Engine	Intake Valve	Exhaust Valve
D342	1W1818	1W1819
D320	9H4811	2M7727
G3406, G3408, G3412	4W5374	2W2443
G3306	2W2621	2W2877
D379, D398, D399	1W8606	2W3211
C6.6	3096678	3399637
D315, D318	6H3026	4F0212
3066MHI 320C	2128477	5I7739
3066	5I7738	5I7739
3500	7E4609	1219839
D343, D346	1P0407	7E7830
3054	2W6988	7W2522
3054, 3056	1004626	7W4602
3054, 3056	6I0282	7W4602
3054, 3056	6I1196	7W4602
D342	8H1993	8H1994
3304, 3306	2W2621	8N0875
D398B, D399	7M7817	8N3723
3208	9L7682	9L7683
1673, D330A/B, D333A/B	7M7358	9M4163
3204, 910, 953	9N0180	9N0185



\* Other part no. not included in the list are available. Please contact your sales representative if you have any questions.  
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