



New CTP Replacement Parts for Heavy Equipment

CTP ENGINE VALVES

maximum endurance



CTP Bimetallic & Trimetallic Valves

The CTP bimetallic operation for the engine valves is extremely important. The valves are welded using a friction welding machine that merges the two pieces of material (Austenitic on the head and Martensitic on the stem). The process gives the valves a higher resistance to the high temperature of the engine. This is especially necessary for the exhaust engine valves which are always stressed by higher temperatures compared to the intake valves.

For the CTP trimetallic valves, Stellite (metal alloy) is welded on the seat of the valve to improve its endurance. The seat, especially on the exhaust valves, is subject to not only a chemical corrosion but to a mechanical corrosion too. The Stellite gives the seat a higher hardness (better resistance to the mechanical stress) and the type of Stellite (cobalt base Stellite) gives the seat a higher resistance to the chemical corrosion.

Engine Valves:

Engine Model/ Application	Part No. In-Take Valve	Part No. Exhaust
621	7S2514	1S2903
1673	7M7358	9M4163
3046	2335469	2335470
3054	2W6988	7W2522
3066	5I7738	5I7739
3116	1614280	1360819
3208	9L7682	9L7683
3306	1487455	1007860
3406	1152368	1152367
3408	1220322	1220321
3500	1047184	1047184

Quality with Value Guaranteed™

Engine Model/ Application	Part No. In-Take Valve	Part No. Exhaust
3500	1302608	1944897
3500	2102542	2102529
3500	7E4609	7E4609
1674/6	2S8143	1S2903
3054, 3056	1004626	7W4602
3054, 3056	1456855	1456857
3054, 3056	1456855	1382050
3054, 3056	1382052	1382050
3054, 416B	6I0282	7W4602
3066 MHI 320C	2128477	5I7739
3126E	1457390	1478211
3204, 910, 953	9N0180	9N0185
3208 Turbo	9L7682	9N5125
3304, 3306	1007860	1487455
3304, G3306	2W2621	8N0875
3306 Gas	7W7490	7W7491
3406E	1528380	1527585
3406E, C15/16	1537023	1537024
416C, 3054	6I1196	7W4602
977, D5	5S6452	5S7232
C10, C12	1929213	1337029
C-10, C-12	7E9578	1337029
C9	1632442	1883122
D315, D318	6H3026	4F0212
D342	1W1818	1W1819
D342	8H1993	8H1994
D343, D346	1P0407	7E7830
D353	7M7817	8N3723
D379, D398, D399	1W8606	2W3211
D6D, 14G, 120G	6N9915	1487455
G3306	4W1670	2W2877

Engine Model/ Application	Part No. In-Take Valve	Part No. Exhaust
G3406/8	1227353	1018314
G3408	4W5374	2W2443
G3408C	2120932	2120933
G399	7M7817	5S5323



* 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