

MC1 Series Aluminum Process Cassettes

High Performance Wafer Handling Products



MC1 series cassettes are based on the popular 2851 series, but it includes a solid end wall in place of the stainless steel spacer bars on the end opposite the H-bar. Six #6-32 TPI flat head screws secure the end wall. All other features (including PFA rod stops) of the 2851 series are incorporated in the MC1 series. The solid end wall is machined from 6061 T-6 aluminum alloy, and receives the same surface treatment as the carrier side plates. Two stainless steel rods fit into reliefs machined in the outside face of the plate. The rods provide a mechanical interface for the CHMC, CHMCL, CHMCDH8 style cassette handles. The solid end wall significantly increases the shock resistance and durability of the cassette, allowing it to remain tight and in alignment for a longer period of time compared to the spacer bar style. The end wall also acts as an effective particle shield for the top wafer in applications where the cassette is used in an H-bar down (wafer horizontal) position.

Custom product 12-slot, 13-slot, 26-slot and 28-slot versions are available.



**For applications
up to 250° Celsius**

(for higher temperature applications please
consider SQ22766 or SSC series cassettes)



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