

EXPERIENCE WITH 5-mm FULL APERTURE ID CHAMBER

Comparing conditions with and without 5-mm gap ID chamber:

No measureable change in beam lifetime.

No measureable change in tune slope

Single bunch current limit reduced by 33%:

I_{lim} (w/ one 5-mm)	8.8 mA
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I_{lim} (w/ all 8-mm)	11.7 mA
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Can reproduce reduced single bunch limit with vertical scrapers at 5-mm gap.