



Standard Inventory Item

223 Rem Fullbore T.15

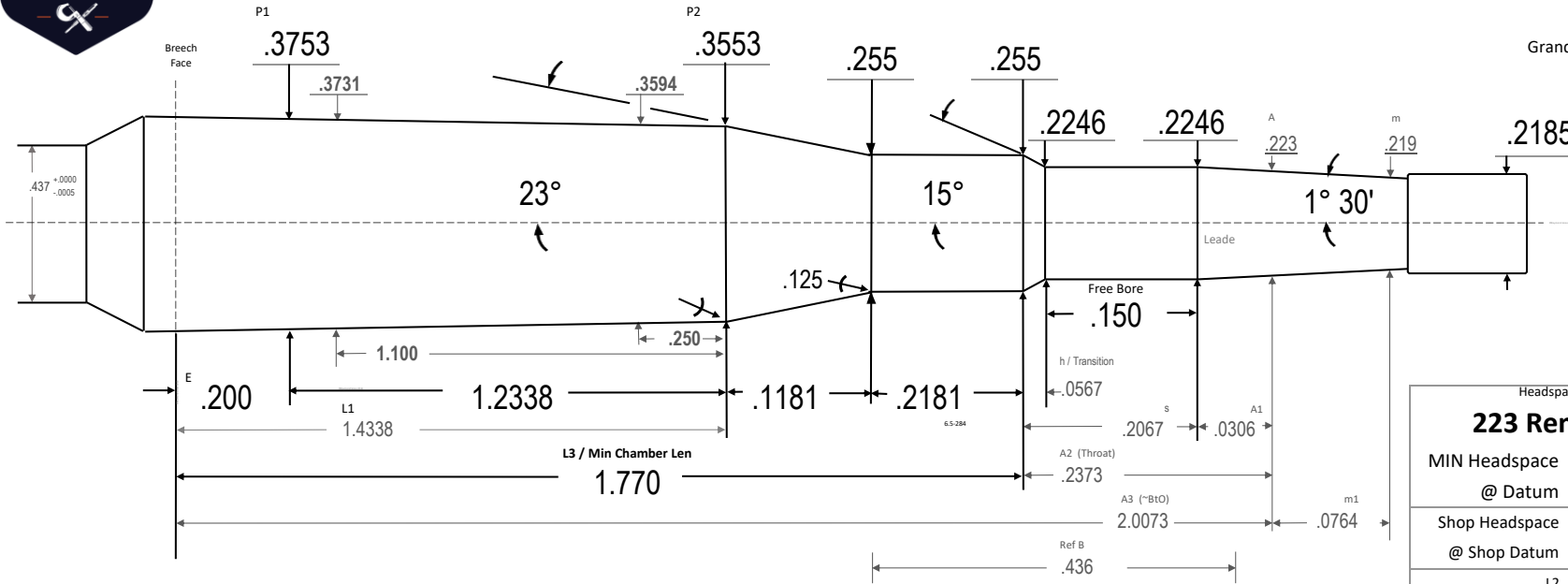
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Manson Reamers

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Headspace Gage:	
223 Remington	
MIN Headspace	1.4636
@ Datum	.3300
Shop Headspace	1.4636
@ Shop Datum	.3300
L2	1.5519 44
A3+m1	2.0836 77
Body TPI	.0162 1
Breech Face Dia	.3785 42
~Chamber Vol in ³	.1603 74
Drawn:	Ray Gross
SD	2024.06.10
Template PTL	V10.4 24.06.08
Dia Tolerance	+ .001/- .000
Length Tolerance	+ .005/- .000
Angle Tolerance	+/- 15'
Use Reamer Blank	223 Rem
Print is not to scale	

Rev 1 2024.01: incr neck dia to .2550 (from .254), incr fb dia to .2246 (from .2244) & reduced fb len to .150 (from .155). Diameter changes to allow for more clearance and length reduction to maintain COL as original

Designed for Berger 85.5 & Lapua .223 brass (Max case len 1.765).

**Freebore note: Due to the 15 degree transition, this chamber has the equivalent of .195 freebore vs a chamber using the standard 45 degree transition. The length of the 15° transition is .0404 longer than a 45° transition would be. Depending on the the lot of Berger 85.5's, the bullet of a cartridge loaded to a COAL of ~2.635 should be just touching the leade/lands. Approx 50% of the neck will be in contact with bearing surface. Base of bullet will be slightly forward of body/shoulder junction.

Designed with similar proportion of bullet in the neck as the highly successful 2013 FTR reamer and with similar throat geometry to many of the winning ELR chambers.

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