

17-Nov-11
update

Lilja factory barrel contour listing

[\(Does not include rimfire factory contours - see 'rimfire special contours'\)](#)

DESIG.	DESCRIPTION	blank length	blank dia.
Accuracy International			
AI300	copy of Accuracy International 300 Win Mag st. taper fluted barrel 1.180" dia. For 2.5" then st. taper to .905" at 24.625" then .830" dia. straight	28	1.25
Adams & Bennett			
abf44	Copy of F44 contour; .725" dia. Muzzle at 28", .974" at radius tangent	28	1.25
Beretta			
mato	copy of Beretta Mato 7mm Rem Mag 1.190" dia. Shank, .820" at radius tangent to .625" at 24" (.591" at 28")	28	1.25
Browning			
brownvmt	Browning Varmint taper, 1.175" dia. Shank 2.5" long st. taper to .702" at 28"	28	1.25
brown2st	Browning/Belgium two step contour, 1.175" for 2.75" then 5" radius down to 1.000" for 3" then 5" radius down to .870" st. taper to .643" at 28" (original muzzle .680" at OAL of 24")	28	1.25
brwn2st2	same as brown2st on line above except that .870" dia. is .800 and original muzzle dia. was .590" at 22" original was 30-06	28	1.25
bar	Browning BAR contour, 1.21" for 2.5". st. taper to .825" over 3.9" length, st. taper to .537" at 28" (.013" per inch taper)	28	1.25
abolt	Browning A-Bolt; 1.180" for 2.75", 30" R down to .805" then st. taper to .600" at 26" (.578" at 28")	28	1.25
abolthor	Browning A-Bolt 22 Hornet; 1.180" dia for 2.5" then taper to .740" over 4.5" then st. taper to .515" at 28" (original was .560" at a finish length of 22")		
b78	Browning M. 78 1.175" for 2.5", radius over 1.5" to 1.000" at tangent then st. taper to .713" at 28" (original was .725" at 26") see 'special rimfire contours' for listing of Browning factory rimfire contours	28	1.25
Champlin			
champlin	copy of Champlin 25-06 contour: 1.150" for 2" then 11" R over 2" to .800" dia. to .545" over 22", original 26" finish length, our 29" blank is 3.5" of shank	29	1.25
Cooper Arms			
ca150	Cooper Arms CA150 barrel contour .940" for 2.5" then st. taper to .510" at 28"	28	1
ca160	Cooper Arms CA160 barrel contour .940" for 2.5" then st. taper to .565" at 24"	24	1
rf 24	Cooper Varmint taper (CA220) .990" for 3" then st. taper to .750" at 27"	28	1
taper 91	Cooper M. 22 Varmint 1.125" for 4" then st. taper to .750" at 26" (.716" at 28")	28	1.25
CZ			
cz527	copy of 7.62x59 CZ barrel (shop note: in rimfire file, same as rimfire contour) .980" dia. Shank, .780" dia. at radius tangent to .570" at muzzle (original 22" fin)	24	1.25
Dakota			
dakota1	standard Dakota #1 contour with .532" muzzle at 25.5"	28	1.25
dakota2	standard Dakota #2 contour with .557" muzzle at 25.5"	28	1.25
dakota3	standard Dakota #3 contour with .607" muzzle at 25.5"	28	1.25

dakota4	standard Dakota #4 contour with .632" muzzle at 25.5"	28	1.25
dakota5	standard Dakota #5 contour with .682" muzzle at 25.5"	28	1.25
dakota6	standard Dakota #6 contour with .732" muzzle at 25.5"	28	1.25
hatchet	Dakota Predator taper 1.150" for 3" then st. taper to .614" at 28" (.0214"/inch)	28	1.25
lilja4	Dakota Light Predator; our standard #4 contour with 2.9" of 1.150" dia. Shank	28	1.25
Harrington & Richardson			
hr17	copy of H&R 17/223 contour, original shank dia. of 1.055" for 2", .665" at radius tangent and muzzle dia. of .500" at 20". (our blank is .510" at 28" and 4" shank)	28	1.25
hr222	same as above but for 24" blank	24	1.25
Husqvarna			
husky	Husqvarna contour from a 22" long 270 Win.: 1.090" for 2.5" (chuck grip) then st. taper to 1.050" over 2.2" then st. taper to .950" over 2.375" then st. taper to .745" over 2.750" then st. taper to .548" at 28" (original was .590" at 22" finish length) (also same as FFV Sports 22-250)	28	1.25
husky2	Husqvarna contour from a 20.7" long 243 Winch.: 1.100" for 3.5" (chuck grip) then st. taper to .950" over 1" then st. taper to .780" over 3" then st. taper to .710" over 2" then st. taper to .552" at 28" (original was .590" at 20.7" finish length)	28	1.25
Interarms			
minim	copy of Mini Mauser .223 .555" muzzle dia. At 20", 1.025" dia shank, .790" at radius tangent (blank is .510" at 28")	28	1.25
Ithaca			
ithaca	Ithaca/ 'made in Finland' 22-250 original, 1.070" dia. shank with large radius down to .685" dia. over a 10.75" length, original muzzle .635" at 22.75" (.610" at 28")	28	1.25
Kimber			
kimber22	Kimber contour, .965" dia. Shank with .595" muzzle, .765" dia. At radius tangent	24	1
kimvrmt	Kimber varmint taper: 1.050" for 3.5" st. taper to .685" at 26" (.653" at 28")	28	1.25
kim84m	Kimber M. 84M 1.050" for 2.75" then radius over 2.75" to .710" then st. taper to .565" at 22" (.512" at 28", .0088"/inch)	28	1.25
kimclass	1.270" dia. for 2.5" then 1.125" dia. for 1.875" then radius down to .805 then st. taper down to .530" at 28" (muzzle dia. of .560" at 24" from Classic model 30-06)	28	1.25
kim8400	1.270" dia. For 2.5" then 1.125" dia. for 1.125" then radius down to .805 then st. taper down to .530" at 28" (muzzle dia. of .560" at 24") Copy of Kimber Model 8400 Montana 300 WSM	28	1.25
khornet	copy of Kimber of Oregon 22 Hornet .970" at shank, .760" at tangent	28	1
kimfwt	copy of Kimber of Oregon featherweight type contour, original is 30-06 w/ .550" muzzle at 22"	28	1.25
kim338	copy of Kimber of Oregon .338 Win Mag 1.225" for 2.5" then radius over 3.5" to .760" then st. taper to .575" at 28" (original .575" at 24")	28	1.25
taper 127	1.140" for 4" then st. taper to .593" at 28" (copy of Kimber 204 taper original is .685" at 22.5")	28	1.25
Mannlicher-Schoenauer			
mscarbin	Copy of carbine contour; 1.140" dia. Shank, 1" radius down to .925" tapering to .820" over 1.790" then drop to .755" and then st. taper to .595" at 21" (.527" at 28")	28	1.25
Marlin			
marlin	.935" for 4" then st. taper to .700" over 6.5" then st. taper to .650" at 20.5"	28	1

(.620" at 28") original off Marlin lever rifle

Remington

remmag28	Remington mag contour w/2.5" long shank x 1.250" .640" muzzle dia. at 28" this contour is the same as the LVSF (light varmint stainless fluted - .657" at 22") original Remington barrel is .660" at 24"	28	1.25
remmag30	same as remmag28 above but with 30" finish length, .589" dia. at 30"	30	1.25
remsport	Remington sporter contour (non-mag) with 2.5" long shank x 1.200", .630" muzzle original Remington barrel is .645" at 22", .630" at 28"	28	1.25
remsp30	Remington sporter contour above but 30" blank length, .620" dia. at 30"	30	1.25
rem06	Remington sporter contour same as 22" long 30-06; .590" at 22", .760" at tangent, 1.200" shank, blank muzzle dia. = .543" (this is the original Rem contour not the rem06r shown below)	28	1.25
rem06r	same as rem06 above but with 100" radius between .760" dia. and 1.200" dia. rem06 above is a straight line between these two points not a radius		
sendaro	Remington Sendaro / Varmint contour with .820" muzzle dia. At 28"	28	1.25
send050	same as Sendaro but -.050" in diameter except shank stays 1.250"	28	1.25
sendar30	Remington Sendaro / Varmint contour to .810" at 30"	30	1.25
sendar32	Remington Sendaro / Varmint contour to .800" at 32"	32	1.25
sendar34	Remington Sendaro / varmint contour to .798" at 34"	34	1.25
romsen32	same as sendar32 but with .825" muzzle at 32" finish	32	1.25
rem721	copy of Remington 721 contour with hump (.605" at 22.75") .566" at 28" blank	28	1.25
remmtn	copy of Remington Mountain Rifle contour will finish up to 22.5 " with Rem shank length, .515" muzzle at 28", 5.5" long 1.200" dia. Shank	28	1.25
remmtn24	same as remmtn above but will finish to 24" with a muzzle dia. of .550" shank length is 4" of 1.200" dia.	28	1.25
rem600	Rem 600 contour, original was 18.5" long with .610" muzzle and .850" at radius tangent, our blank has 5.75" of 1.250" dia. shank and muzzle dia. Of .510"	28	1.25
rem788	Remington 788, original was a .223 24" long with a muzzle dia. Of .575" and 1.125" dia. Shank with .745" at radius tangent	28	1.25
rem750	copy of Remington 750 (sem-auto) .270: 1.170" dia. Shank. .830" at radius tangent, .650" at original length of 22"	28	1.25

[see 'special rimfire contours' for listing of Remington factory rimfire contours](#)

Ruger

1rug560m	Ruger #1 contour .560 at 22" with 1.160" dia. Shank,turn to .542 muzzle at 28"	28	1.25
rugerspt	Ruger 77 sporter contour,1.150" for 4" then radius over 3.5" down to .750" then st. taper to .520" at 28" (.542" at 26", .564" at 24", .586" at 22") (also used on Hawkeye in smaller cartridges)	28	1.25
rugerp	Ruger sporter contour w/ 3.5" of 1.170" dia. .770" at radius tangent, .515" at 28" used on Ruger #1's chambered for .243 and similar sized cartridges & M.77's .550" at 24" (.012" / inch)	28	1.25
rugermag	Ruger Magnum contour with .555" muzzle dia., .900" at radius tangent, 1.160" diameter shank	28	1.25
rugervmt	Ruger Varmint/Tactical 1.160" for 3.5" with .755" muzzle at 24" (.720" at 28") .935" at radius tangent	28	1.25
rgrvmt30	same as rugervmt but with a 30" long finish length (.700" at 30")	30	1.25
30ruger1	Ruger #1 heavy contour muzzle dia. .600" at 30", .900" at radius tangent	30	1.25
ruger1	Ruger #1 contour 1.200" for 2.75" with .620" muzzle at 26" (.594" at 28") .900" at radius tangent	28	1.25
taper 18	Ruger #1: 1.200" for 4" then st. taper to .800" at 26" (.836" at 24", .732 at 28") used on Ruger #1's chambered for .416 Rigby, .458 Win & .458 Lott	28	1.25

ruger 3	1.150" for 2.5" then radius over 4" to .775" at radius tangent then st. taper to .602" at 28" (original .650" at 22") used on Ruger #3 22 Hornet	28	1.25
hawk338	Copy of Ruger Hawkeye in 338 Mag: 1.160" dia. shank .900" at radius tangent st. taper to .625" dia. muzzle at 24" (.573" at 28")	28	1.25
hawk358	Copy of Ruger Hawkeye 358 Win 1.160" shank, .760 radius tangent to .610" at 28" original was .650" at 22" see 'special rimfire contours' for listing of Ruger factory rimfire contours	28	1.25
Sako			
sako223	Sako contour 1.035" shank for 2.5" to .565" at 28", .750" at radius tangent original .590" at 22.5"	28	1.25
sakosptr	Sako contour 1.120" shank for 3.5" to .608" at 28", .770" at radius tangent original .630" at 22.5", also used on Sako M. 85 .270 WSM fluted	28	1.25
sakomag	Sako contour 1.160" dia. shank for 2.5" to .616" at 28", .818" at radius tangent	28	1.25
sakovrmt	Sako contour 1.120" shank for 2.5" to .853" at 28", .885" at radius tangent	28	1.25
taper 26	Sako varmint contour for the 17 Remington 1.050" for 3" then st. taper to .700" at 28" (.756" at 24")	28	1.25
sako17	Sako Varmint contour from 17 Rem (different than taper 26 above) 1.035" for 2.5" then taper to .875" over 3.25" then st. taper to .865" at 23.62 OAL (.862" dia. At 28" blank length)	28	1.25
vixen	1.040" for 2.5" then st. taper to .719" at 28" (original 1.040" then st. taper to .750" at 23.6"	28	1.25
sakofl	Sako fluted barrel; original was 270 Win w/ 21" fin length muzzle dia. .595" 1.125" for 2.75" then .840" at radius tangent, st. taper to .525" at 28"	28	1.25
sako270	1.160" for 2.5" then taper down to .900" over 3" then st. taper to .533" at 28" original was 270 Win. W/ 2" of 1.160" shank and muzzle dia. .588" at 24.3"	28	1.25
forester	1.085" for 2.5" then st. taper to .755" at tangent then st. taper to .560" at 28" original had muzzle dia. of .590" at 23" and was 22-250	28	1.25
forestvm	1.085" for 2.5" then st. taper to .750" at 26.5" (.729" at 28")	28	1.25
rf 74	1.035" dia. for 3" then st. taper to .860" at 27" (.853" at 28") same as Sako 222 Rem varmint w/ muzzle dia. Of .860" at 23.6" see 'special rimfire contours' for listing of Sako factory rimfire contours	28	1.25
Savage			
savvrmt	Savage Varmint taper 1.065" dia. shank for 2.5" st. taper to .790" at 28"	28	1.25
sav116	Savage M. 116 -1.060" for 2.5" then st. taper to .845" dia. at 12.5" then st. taper to .810" dia. at 24" (.798" dia. at 28" blank length)	28	1.25
sav340	copy of Savage model 340 barrel; .875" for 3" then st. taper to .600" at 24" .550" at 28" blank length	28	1.25
xp 10	copy of Savage model 516 contour except shank dia. is 1.065" for 2.5" and OAL is 15", muzzle dia. is .725" (original Savage was 12.3" OAL)	15	1.25
m164	copy of Savage/Anschutz M. 164 .875" for 2.5" .661" at radius tangent, .629" at 28" (original .636" at 22")	28	1
sav250	1.020" for 3" then radius to .735" at radius tangent then st. taper to .605" at 22" .557" at 28" (copy of Savage 99)	28	1.25
sav111	Savage model 111 original was .243 Win 1.050" for 2.5" then taper to .790" over 5" then taper to .750" over 1.5" then taper to .555" at original length of 22" muzzle dia. On 28" blank is .510"	28	1.25
sav111g	same as sav111 above but muzzle dia. changed to .650" at 22" (28" blank is .625"	28	1.25
taper 82	Savage M. 12 1.200" for 3" then st. taper to 1.008" at 26" (.992" at 28")	28	1.25
sav16	Savage M. 16 1.115" for 2.5" then 45° drop down to 1.035" then st taper to .755" then st. taper to .596" at 28" (original was .620" at 24" & chambered .300 WSM)	28	1.25

Tikka			
tikka595	Tikka M. 595 contour 1.085" for 3" then down to .563" at 28", .820" at radius tangent, original .630" at 22.5"	28	1.25
Weatherby			
wby1	Weatherby #1 contour 1.150" for 2.5" down to .730" then .009" per inch taper to .520" at 28" (original .550" at 24") used on various models including Alaskan	28	1.25
wby2	Weatherby #2 contour with .600 muzzle dia. , 1.200" dia. Shank for 3" .790" at tangent (original .600" at 26")	28	1.25
wby3	Weatherby #3 contour, 1.200" dia. for 2.5", .830" at tangent, .626" at 28" (original .640" at 26")	28	1.25
wby4	Weatherby #4 contour, 1.225" dia. for 3", 1.045" at tangent, .816" at 28" (original .816" at 26")	28	1.25
wby2x30	Weatherby #2 contour with .575" muzzle at 30", 1.200" dia. shank	30	1.25
wby378	Weatherby contour used on fluted 30/378 and 338/378 rifles by Weatherby 1.250" dia for 3" then taper to .900" over 2" then taper to .700" at 26" (.687@28)	28	1.25
378W30	same as wby378 contour above but for a 30" finish length, muzzle .670" at 30"	30	1.25
wvang	Copy of Weatherby Vanguard contour 1.200" dia. taper to .785" dia. over 3.3" then st. taper to .582" at 28" (original .620" at 24")	28	1.25
Whitworth			
whitwort	Copy of Whitworth 458 barrel 1.220" at chamber then st. taper over 5" to .880" then st. taper to .670" at 23.5" (.630" at 28")	28	1.25
Winchester			
win70mag	Win. M. 70 mag contour w/1.200" shank to .565" muzzle, .800" at radius tangent (original .580" at 26") also same as new style M. 70 30-06 except that shank is 1.150"	28	1.25
70mag30	same as win70mag above except 30" blank length with muzzle dia. of .545" at 30"	30	1.25
70sa308	Win M. 70 SA (original in 308 Win) also same as M. 70 XTR Sporter & M. 70 7mm WSM 1.135" for 2.5" then st. taper to .800" over 4", st. taper to .585" at 24"(.543" at 28")	28	1.25
winfwt26	Winchester Featherweight contour to .531" at 26" and 2.5" long 1.200" shank (.30 caliber maximum in this contour)	26	1.25
winfwt05	same as winfwt26 above except that muzzle dia. is .550" at 20" (winfwt26 is .595" at 20")	26	1.25
winm94	Winchester M. 94 contour with .940" dia. Shank to .587" muzzle dia.	26	1.25
win52	Winchester M. 52 contour w/ 1.010" shank to .520" at 28", .690" at radius tangent	28	1.25
win375	Win M. 70 375 H&H factory contour + .020", 3" of 1.150" to .672" at 28" (.720" at 24") .950" at radius tangent, .012" taper per inch	28	1.25
win375b	Win M. 70 375 H&H factory post '64 contour, 1.220" for 2.5" tapering to .950" over 1.62" then st. taper to muzzle of .670" at 28" (original was .720" at 24")	28	1.25
375win64	Win M. 70 pre '64 375 H&H Mag;1.250" for 2.75" radius down to .950" at tangent then st. taper to .653" at 28" (original was .685" at 25")	28	1.25
pre6470	Win M. 70 copy of pre-64 contour with rear site hump, .600" at 24" (.557" at 28") 1.150" dia. Shank	28	1.25
laredo	Win Laredo contour 1.135" for 3", .945" at radius tangent then st. taper to .785" at 28", original was .800" at 26"	28	1.25
laredo_b	same as Laredo but muzzle dia. is .825" at 26"	28	1.25
laredo30	same as Laredo but for a 30" finish length (.770" at 30")	30	1.25

wssm	Win 243 WSSM contour 1.150" dia. shank, .755 at radius tangent, .540" muzzle dia. at 22" on original	28	1.25
223wssm	Win 223 WSSM varmint contour; 1.155" for 2.5", .875" at radius tangent, .740" at 24" (.720" at 28" blank length)	28	1.25
win225	Win varmint 225 contour 1.125" for 2.5" then taper over 4" to 1.010" then straight taper to .740" at 28" (original was .785" at 24") This contour also used on pre-64 30-06 target barrels	28	1.25
taper 15	copy of Winchester Highwall 1.200" for 2.5" then st. taper to .900" at 30"	30	1.25
taper 79	copy of Winchester Highwall 1.050" for 2.5" then st. taper to .900" at 30"	30	1.25
taper 107	Copy of Win. Low wall 1.050" for 3" then st. taper to .600" at 24" (.515" at 28")	28	1.25
stealth2	copy of Stealth II contour: 1.150" for 3" then taper to 1.000" over 2.5" then st. taper to .875" at 26" (.860" at 28")	28	1.25
steal30	same as stealth2 above but for 30" long blank (.845" dia. at 30")	30	1.25

To place an order for one of these contours please use the designation in the left hand column.

[This list does not include the factory rimfire contours that we can duplicate.](#)
[For a list of those contours see the 'rimfire special contours' .pdf page.](#)

[We can duplicate almost any contour not listed here for a one-time \\$30 programming charge.](#)