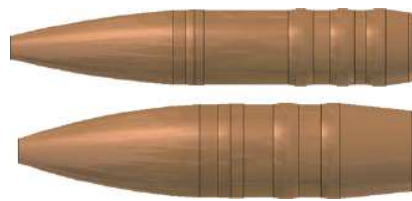


RELOADING INSTRUCTIONS

Hasler bullets may have two O-rings and one Pilot O-ring, or three/four O-rings and one Pilot O-ring.

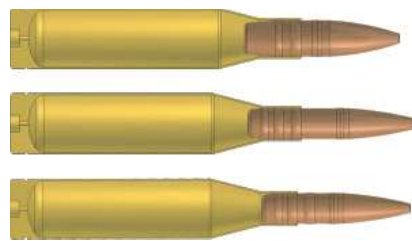
The Pilot O-ring has a different form, and it is at the edge of the bullet, its function is to make the insertion of the ball into the barrel the more coaxial as possible, to gain the highest precision.



Two O-rings are kept inside the neck (see explanatory image). The neck must be re-calibrated for at least 2/3 of its length; if you re-calibrate it for its whole length, it is even better.

Hasler bullets offer low bore friction and, as a consequence, lower counter-pressure. That is why they will require a little livelier powder to reach the right pressure needed for the perfect combustion of the

powder itself. The neck must offer sufficient strength to firmly retain the bullet. For bullets long as the 30/168/Ariete and 7/152 Ariete someone makes a slight crimping with "Factory Crimp Lee", in some cases to improve the combustion, and for holding firmly the bullet gauges with short necks (300win.Mag., 7 Rem. May etc. ...). With semi-automatic, it is desirable to do a light crimping or a narrower calibration of the neck. If you are using dies with the bushing, you must position them so that there is still enough room for the O-rings inside the neck. Freeboring: this parameter is crucial for shooting precision, usually in almost every calibre you reach a freeboring between 1 and 2mm. You will obtain maximum precision inside this range. It is possible to modify the distance between the two O-rings, as long as they stay inside the neck.



RELOADING TIPS

First of all, reloading is a difficult and dangerous activity, to be done only by law recognized experts meeting legal requirements.

All responsibility lies with who decides to reload these ammunition.

It is impossible for Hasler to know the conditions of the rifle, of the bullet case, the competence of the person who's reloading, nor any other variable at the moment of reloading. Therefore, Hasler declines every responsibility for any damage or problem due to a wrong reloading process.

Hasler will only advise you about the right powder to be used. The indicated dosage is only a piece of advice, you may want to try other possible combinations.

It is highly recommended being very cautious. Please choose your dosages carefully and gradually, always starting from a lower dosage of at least two grains than indicated and paying attention to possible signs of overpressure. Each rifle responds differently even if belonging to the same brand, Different batches of powder and primers imply big differences in the pressure gain. An unfavourable combination of these variables may be very dangerous.

Please remember that with the change of ambient temperature there may be (especially in monobasic powders) notable changes in the operating pressures. It is necessary to know the dimensions of the hole in the barrel in which you want to use the bullet to avoid errors and accidents in reloading. As an example, for the 6.5 × 57 / 57r / 65 / 65r calibres, there is a borehole in the barrel with full measurements of 6.45 mm and 6.70 mm for the gaps, while for calibre 6, 5 × 55 Swedish the measure of the solids is 6.50 mm while that of the voids is 6.73 mm.

Reloading is a very dangerous activity that can only be practiced by experts who know all the variables that have been only mentioned.

CALIBER	BULLETS	POWDER	PRIMER	OAL
6 FRERES	77 ARIETE /80 HUNTING	52/53 GR VV N 160 51/52 GR IMR 4831	210 210	81 81
6 XC	77 ARIETE /80 HUNTING 90 ARIETE	42/43 GR NORMA 204 38/39 GR VV N150 37/38 GR NORMA 203B 39/40 GR VV N150 40/40.5 GR NORMA URP	210 210 210 210 210	68/69 68/69 68/69 68/69 68/69
.243	77 ARIETE /80 HUNTING 90 ARIETE	45/46 GR VV N160 45 GR NORMA 204 44 GR NORMA URP 43.5/44 NORMA URP	210 210 210 210	70 70 70 70
6 BR	77 ARIETE /80 HUNTING	34/35 GR VV N540	SMALL	62/63
240 WBY	77 ARIETE /80 HUNTING	56/57 GR VV N160	MAG	79/80
2506	98 ARIETE /100 HUNTING	53/54 NORMA 204 53/54 VV N160 59/60 IMR 7828	210 210 210	84/85 84/85 84/85
257 WBY	98 ARIETE /100 HUNTING	65/66 GR IMR 4350	MAG	84/85
6.5 CREEDM	108 ARIETE/110 HUNTING 128 HUNTING	43 GR N150 46 GR NORMA 204	210 210	68.5/69 71

CALIBER	BULLETS	POWDER	PRIMER	OAL
6.5/55	108 ARIETE/110 HUNTING 125 ARIETE	48 GR NORMA URP 44 GR NORMA 203B 43/44 GR VV N540 45/46 GR RS 60 47 GR NORMA 204 45 N150	210 210 210 210 210 210	77/78 77/78 77/78 77/78 78 78/79
6.5/65	108 ARIETE /110 HUNTING 125 ARIETE	56/58 GR VV N160 50/52 GR VV N 550	MAG MAG	85/86 86
6.5/284	108 ARIETE /110 HUNTING 125 ARIETE /128 HUNTING	62 GR VV N165 51/52 VV N550 57/58 VV N165 51/52 GR IMR 4831	MAG 210 210 MAG	77/78 78/79 78/79 78/79
6.5/57R	108 ARIETE /110 HUNTING 125 ARIETE /128 HUNTING	42/43 GR IMR 4320 41/42 GR IMR 4320 41.5/43 GR VV N150	210 210 210	80/81 80/81 80/81
270W	112 ARIETE /115 HUNTING 122 ARIETE / 125 HUNTING	52.5 GR NORMA 203B 53 GR NVV N150 55/56 GR RS 60 51.5 GR NORMA 203B 52 GR VV N150 55/56 GR VVN 550 55/56 GR RS60	MAG MAG MAG MAG MAG MAG MAG	85 85 85 85 85 85 85
270 WSM	122 ARIETE /125 HUNTING	61 GR VV N 550 56/58 GR VV N540	MAG MAG	72 72
270 WBY	122 ARIETE/125 HUNTING	72.5 GR NORMA MRP	MAG	82/83
7X57	127 HUNTING /125 ARIETE /125 BULL	47/48 GR VV N150	210	78/79
7X64	127 HUNTING /125 ARIETE /125 BULL 139 ARIETE /139 BULL	56/57 GR NORMA URP 53 GR VV N540 56 GR VV N550 54/56 GR RS 60 54.5 GR NORMA URP	210 210 210 210 210	86 86 86 86 86
7 RM	127 HUNTING /125 ARIETE /125 BULL 139 ARIETE /139 BULL 145 SPECIAL HUNT	65/66 GR NORMA 204 64/65 GR VV N550 61/62 GR RS 70 65 GR RS 60 64/65 GR NORMA 204 64.5 GR RS 62 68 GR VV N160 61/62 GR RS 60 69/70 GR VV N560	MAG MAG MAG MAG MAG MAG MAG MAG MAG	85 85 88/89 85 85/86 85/6 85/86 85/86 85/86
7x65R	127 HUNTING /125 ARIETE /125 BULL	54/55 GR VV N550 55/55 GR RS 60	210 210	85/86 85/86

CALIBER	BULLETS	POWDER	PRIMER	OAL
308W	140 HUNTING/138 ARIETE 148 ARIETE/ 150 HUNTING 154 HUNTING 159 ARIETE /159 BULL	44 GR VV N133 43,5 GR RS 40 45 GR RS 52 43/44 GR VV N135 44/46 GR VV N140 40/41 GR RS40 43/44 GR VV N135 44/46 GR VV N140 44/45 GR VV N140 46 GR NORMA 203B 43/44 GR RS 52	210 210 210 210 210 210 210 210 210 210 210	71/72 71/72 71/72 71/72 71/72 71/72 71/72 71/72 72/73 72/73 72/73
300 WM	ARIETE 148/150.154 HUNTING 154 HUNTING 159 ARIETE /159 BULL 168 SPECIAL HUNT/ 167 ARIETE 167 BULL 180 BULL	78 GR VV N160 68 GR VV N150 74/75 GR NORMA 204 68/69 GR VV N150 77 GR NORMA MRP 75/76 GR VV N160 77/78 GR NORMA MRP 77/78 GR VV N560 74 GR RS 70 77/78 GR NORMA MRP	MAG MAG MAG MAG MAG MAG MAG MAG MAG MAG	86/87 86/87 86/87 88/89 87 88/89 88/89 88/89 88/89 88/89 88/89
30-06	148 ARIETE /150.154 HUNTING 159 ARIETE /159 BULL	58 GR VV N550 55 GR VV N150 52/53 GR RS 52 54/55 GR RS 60 54/55 GR VV N550	210 210 210 210 210	85 85 85 85 85
300 WSM	148 ARIETE /150, 154 HUNTING 159 ARIETE /159 BULL 168 SPECIAL HUNT /167 ARIETE 167 BULL	65 GR VV N550 66/67 GR NORMA 204 65 GR VV N550 65/66.5 GR NORMA 204 65 GR NORMA 204 64 GR VV N550	210 210 210 210 210 210	72/73 72/73 72/73 72/73 72/73 72/73
300 WBY	154 HUNTING 168 SPECIAL HUNT/ 167 ARIETE 167 BULL 180 BULL	79 GR NORMA 204 83/84 GR VV N560 81/81.5 RS70 81/81.7 VV N560	MAG MAG MAG MAG	90/91 90/91 90/91 90/91
9.3/62	203 ARIETE	57 GR VV N135 60/62 GR VV N140 57/58 GR RS 40	MAG MAG MAG	83.5 83.5 83.5
8X68	160 ARIETE	70/71 GR NORMA 204 67/68 GR VV N550 68 GR NORMA URP 70 GR RS 60	MAG MAG MAG MAG	87/88 87/88 87/88 87/88
8X57	160 ARIETE	52 GR VV N140 52/53 GR RS 52	210 210	79.5 79.5