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GOVERNMENT GAZETTE

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GOEWERMENTSKENNISGEWING

DEPARTEMENT VAN NYWERHEIDSWESE

No. 152 6 Februarie 1976
WET OP STANDAARDE, 1962

**VERPLIGTE STANDAARDSPESIFIKASIE VIR
VUURWAPENS VIR BURGERLIKE GEBRUIK**

Hierby word kragtens artikel 15 (3) van die Wet op Standaarde, 1962, bekendgemaak dat die Minister van Ekonomiese Sake voornemens is om die standaardspesifikasie in die Bylae tot 'n verpligte standaardspesifikasie te verklaar.

Die bedoeling van sodanige verklaring is dat, met ingang van 'n datum wat gespesifiseer moet word, geen persoon, behalwe deur magtiging van 'n geldige vrystellingspermit, enige vuurwapen vir burgerlike gebruik mag verkoop wat nie aan die vereistes van die verpligte standaardspesifikasie voldoen nie.

Enige persoon wat teen die bepalings van die voorgestelde verpligte standaardspesifikasie beswaar wil maak, moet sy beswaar binne twee maande na die datum van die publikasie van hierdie kennisgewing skriftelik aan die Direkteur-generaal, Suid-Afrikaanse Buro vir Standaarde, Privaatsak X191, Pretoria, voorlê.

BYLAE

**VERPLIGTE STANDAARDSPESIFIKASIE VIR
VUURWAPENS VIR BURGERLIKE GEBRUIK**

1. BESTEK.

1.1 Hierdie spesifikasie dek die proewing van vuurwapens wat met dryfkruit werk. Dit geld nie vir vuurwapens wat uitsluitlik vir die gebruik van die Suid-Afrikaanse Gewapende Magte vervaardig of ingevoer word nie.

43909—A

GOVERNMENT NOTICE

DEPARTMENT OF INDUSTRIES

No. 152 6 February 1976
STANDARDS ACT, 1962

**COMPULSORY STANDARD SPECIFICATION FOR
FIRE-ARMS FOR CIVIL USE**

Notice is hereby given in terms of section 15 (3) of the Standards Act, 1962, that the Minister of Economic Affairs intends to declare the standard specification contained in the Schedule to be a compulsory standard specification.

The purport of such declaration is that as from a date to be specified no person shall, except on the authority of a valid exemption permit, sell any fire-arm for civil use that does not comply with the requirements of the compulsory standard specification.

Any person who wishes to object to the provisions of the proposed compulsory standard specification shall submit his objection in writing to the Director General, South African Bureau of Standards, Private Bag X191, Pretoria, within two months from the date of publication of this notice.

SCHEDULE

**COMPULSORY STANDARD SPECIFICATION FOR
FIRE-ARMS FOR CIVIL USE**

1. SCOPE.

1.1 This specification covers the proofing of fire-arms employing propellant powder for their operation. It does not apply to fire-arms manufactured or imported for the exclusive use of the South African Armed Services.

4982—1

2. WOORDBEPALING EN TERMINOLOGIE.

Die volgende woordbepalings geld vir die doel van hierdie spesifikasie:

Wapen.—Enige handvuurwapen wat met dryfkruit werk en wat gebruik word om hael, koeëls of ander projektele uit te skiet.

Kommersiële patroon.—'n Patroon wat vrylik vir enige spesifieke wapen in die handel verkrygbaar is.

Proewing.—Proewing is die toets van 'n nuwe wapen vir voldoening aan die vereistes van die spesifikasie.

Herproewing.—Herproewing is die soortgelyke toetsing van 'n wapen wat voorheen geproef is.

Proefpatroon.—'n Patroon wat 'n hoër druk as die ooreenstemmende kommersiële patroon laat ontstaan, maar wat uitsluitlik vir die proewing van die wapen bedoel is.

3. VOORVEREISTE VIR DIE AANNAME VAN WAPENS VIR PROEWING.

Voor proewing moet—

(a) die fabrikant se naam en reeksnommer; en

(b) die kaliber en kommersiële aanwysing van die patroon wat saam met die besondere wapen gebruik moet word;

leesbaar en onuitwisbaar op die wapens aangebring wees.

4. PROEFVEREISTES.

4.1 AGTERLAAIHAELGEWERE MET GLADDE LOPE.

4.1.1 Voordat proefskote afgevuur word, moet wapens ondersoek word om seker te maak dat hulle meganies in goeie toestand is en behoorlik werk. Wapens met die volgende gebreke sal nie vir proewing aangeneem word nie:

(a) Wapens wat geroes is, wat roesmerke binne of buite die loop het, wat nie genoeg aan die buitekant gepoleer is nie, of waarvan die binnekante nie skoon is nie;

(b) wapens waarvan die lope ringvorming of enige gebrekkige sweising van die loopsamestel toon;

(c) wapens met boringgebreke of onvoldoende polering van die boring, wat noukeurige kontrole na proewing onmoontlik maak;

(d) wapens wat nie behoorlik werk ten opsigte van laai, afvuur, sluiting en die werking van die veiligheidsmeganisme nie;

(e) wapens waarby die proefpatroon nie behoorlik in die kamer inpas nie;

(f) wapens waarby die afmetings van die boring en van die kamer nie met die afmetings in Aanhangsel 1 ooreenstem nie.

4.1.2 Die boringdiameter van die loop moet noukeurig tot 0,1 mm op 'n afstand van tussen 200 en 300 mm van die sluitvlak af gemeet wees. Die afmeting moet blywend op die loop aangebring wees. Die kamerlengte moet noukeurig tot 1 mm gemeet wees en die afmeting moet blywend op die loop aangebring wees. Die massa van die loop moet in gram bepaal wees en moet blywend op die loop aangebring wees.

4.1.3 'n Proef bestaan uit die afvuur van twee proefpatrone per loop. Op spesifieke versoek kan die wapen onderwerp word aan 'n strawwe proef, wat bestaan uit die afvuur van twee proefpatrone met 'n hoër proefdruk as die gewone (kyk tabel 1).

2. DEFINITIONS AND TERMINOLOGY.

For the purposes of this specification the following definitions shall apply:

Arm.—Explosive-operated small arm for the discharge of shot, bullet or other projectile.

Commercial cartridge.—A cartridge freely obtainable in the trade for any specific arm.

Proofing.—The testing of a new arm for compliance with the requirements of this specification.

Reproofing.—The similar testing of an arm that has previously been proofed.

Proof cartridge.—A cartridge developing a higher pressure than the corresponding commercial cartridge, but intended solely for proofing of the arm.

3. PREREQUISITE FOR THE ACCEPTANCE OF ARMS FOR PROOFING.

Prior to proofing, arms shall have been legibly and indelibly marked with—

(a) the manufacturer's name and serial number; and

(b) the caliber and commercial designation of the cartridge to be employed with the particular arm.

4. PROOF REQUIREMENTS.

4.1 SHOTGUNS, SMOOTH BORE, BREECH-LOADING TYPE.

4.1.1 Before proof firing, arms shall be inspected for mechanical soundness and proper functioning. Arms with the following defects will not be accepted for proofing:

(a) Arms that are rusted, pitted or insufficiently polished externally or that are not clean internally;

(b) arms with barrels that show banded veins or any defect in the welding of the barrel assembly;

(c) arms with boring faults or insufficient polishing of the bore that will make accurate control after proofing impossible;

(d) arms that do not function properly in regard to arming, firing, closure and action of the safety mechanism;

(e) arms where the proof cartridge does not fit properly in the chamber;

(f) arms where the dimensions of the bore and of the chamber do not conform to the dimensions as given in Appendix 1.

4.1.2 The bore diameter of the barrel shall be measured to an accuracy of 0,1 mm at a distance of between 200 and 300 mm from the breech face. The measurement shall be permanently marked on the barrel. The chamber depth shall be measured to an accuracy of 1 mm and the measurement shall be permanently marked on the barrel. The mass of the barrel shall be determined in grams and shall be permanently marked on the barrel.

4.1.3 Proofing shall consist of the firing of two proof cartridges per barrel. Upon specific request, the arm may be subjected to a superior proof consisting of the firing of two proof cartridges of higher than normal proof pressures (see Table 1) per barrel.

4.1.4 Proefpatrone met rooklose nitrobasiskruit moet gebruik word. Die druk wat elke proefpatroon laat ontstaan, moet in ooreenstemming wees met die boringdiameter en kamerlengte in tabel 1.

4.1.5 Na proewing moet die wapen vry van die volgende defekte wees:

- (a) Enige hangvuur op die patroon vanweë 'n defek in die afvuurmeganisme;
- (b) onbedoelde afvuring van die wapen wanneer die slot toegemaak word;
- (c) defekte in die laai- of uitwerpmeganisme;
- (d) beskadiging van die loop of kamer;
- (e) enige vergroting van die boring, kamer of wurg;
- (f) enige vergroting in die kopspasie wat die fabrikant se aangegeve toleransie vir die besondere wapen oorskry: Met dien verstande dat die kopspasie nie 'n maksimum van 0,2 mm mag oorskry nie;
- (g) enige beskadiging of vervorming van enige deel van die aksie of ontvanger; en
- (h) enige ander defek wat moontlik die veiligheid van die wapen kan verminder.

4.1.6 Enige modifikasie van die wapen na proewing wat 'n afwyking, van die tipe hieronder gespesifiseer, van die basiese afmetings of spesifikasies van die wapen meebring, maak dit noodsaaklik dat die wapen herproef word:

- (a) Vergroting van die boring met meer as 0,2 mm;
- (b) enige vergroting of verkleining van die kamerlengte;
- (c) vermindering van die massa van die loop met meer as 4 persent;
- (d) hersweising van bulte;
- (e) verandering aan die uitwerper;
- (f) die aanbring van vernouingsinrigtings;
- (g) chroomplatering van die boring;
- (h) stywer stel van die aksie;
- (i) enige modifikasie wat moontlik die veiligheid van die wapen kan verminder.

TABEL 1

	Kamerlengte			
	Minder as 76 mm		76 mm en meer	
	Eerste drukmeet-sel	Tweede drukmeet-sel	Eerste drukmeet-sel	Tweede drukmeet-sel
16-boor en groter				
Normale proef:				
1ste proefpatroon	—	50 MPa	—	50 MPa
2de proefpatroon	90 MPa	—	100 MPa	—
Strawwe proef:				
1ste proefpatroon	—	50 MPa	—	50 MPa
2de proefpatroon	120 MPa	—	120 MPa	—
20-boor en kleiner				
Normale proef:				
1ste proefpatroon	—	50 MPa	—	50 MPa
2de proefpatroon	100 MPa	—	110 MPa	—
Strawwe proef:				
1ste proefpatroon	—	50 MPa	—	50 MPa
2de proefpatroon	140 MPa	—	140 MPa	—

4.1.4 Proof cartridges employing smokeless nitro-based powders shall be used. The pressure developed by each proof cartridge shall be in accordance with the bore diameter and chamber depth as given in Table 1.

4.1.5 After proofing the arm shall be free from the following defects:

- (a) Any delayed action in the firing of the cartridge due to a defect in the firing mechanism;
- (b) accidental firing of the arm when the action is being closed;
- (c) defects in the loading or ejection mechanism;
- (d) damage to the barrel or chamber;
- (e) any enlargement of the bore, chamber, or choke;
- (f) any increase in head space in excess of the manufacturer's stated tolerance for the particular arm: Provided that the head space shall not exceed a maximum of 0,2 mm;
- (g) any damage to or deformation of any part of the action or receiver; and
- (h) any other defect that may conceivably affect the safety of the arm.

4.1.6 Any modification of the arm subsequent to proofing that entails a departure from the basic dimensions or specifications of the arm of the type specified below, shall necessitate reproofing of the arm:

- (a) Enlargement of the bore by more than 0,2 mm;
- (b) any increase or decrease in chamber depth;
- (c) reduction of barrel mass by more than 4 per cent;
- (d) rewelding of lumps;
- (e) conversion of the ejector;
- (f) fitting of choke devices;
- (g) chrome plating of the bore;
- (h) tightening of the action;
- (i) any modification that may conceivably affect the safety of the arm.

TABLE 1

	Depth of chamber			
	Less than 76 mm		76 mm and over	
	First pressure measuring cell	Second pressure measuring cell	First pressure measuring cell	Second pressure measuring cell
Bore 16 and over				
Normal proof:				
1st proof-cartridge	—	50 MPa	—	50 MPa
2nd proof-cartridge	90 MPa	—	100 MPa	—
Superior proof:				
1st proof-cartridge	—	50 MPa	—	50 MPa
2nd proof-cartridge	120 MPa	—	120 MPa	—
Bore 20 and smaller				
Normal proof:				
1st proof-cartridge	—	50 MPa	—	50 MPa
2nd proof-cartridge	100 MPa	—	110 MPa	—
Superior proof:				
1st proof-cartridge	—	50 MPa	—	50 MPa
2nd proof-cartridge	140 MPa	—	140 MPa	—

Die eerste drukmeet-sel moet $25,0 \pm 0,5$ mm van die sluitvlak af wees. Die tweede drukmeet-sel moet 162 ± 2 mm van die sluitvlak af wees.

4.1.7 Die radiale Cu-brekermetode word gebruik vir die meet van die druk van proef- en kommersiële patrone.

4.2 WAPENS MET LANG OF GROEFLOPE.

4.2.1 Voor afvuring van die proefskote moet die wapen deeglik ondersoek word om seker te maak dat die loop vry van gebreke is en dat die aksie behoorlik werk. Die afmetings van die kamer en boring moet ooreenstem met die afmetings in Aanhangsel 2.

4.2.2 Proefpatrone met rooklose nitrobasiskruit moet vir groefloopwapens van alle kalibers gebruik word. Die patrone moet 'n druk lower wat 30 persent hoër is as die maksimum nominale druk wat die ooreenstemmende kommersiële patrone lower. Hierdie drukwaardes word in Aanhangsel 3 aangegee. Die radiale Cu-brekermetode word gebruik vir die meet van die druk van proef- en kommersiële patrone.

4.2.3 Proefafvuring bestaan uit die volgende:

(a) In die geval van groefloopwapens (uitgesonderd rewolwers) van 22-kaliber of kleiner: Een proefpatroon;

(b) in die geval van groefloopwapens (uitgesonderd rewolwers) met 'n groter kaliber as 22: Twee proefpatrone en een kommersiële patroon;

(c) rewolwers: Soveel proefpatrone as wat die silinder kan hou.

4.2.4 Na proewing moet die wapen vry van die volgende defekte wees:

(a) Enige hangvuur op die patroon vanweë 'n defek in die afvuurmeganisme;

(b) onbedoelde afvuring van die wapen wanneer die slot toegemaak word;

(c) defekte in die laai- of uitwerpmeganisme;

(d) beskadiging van die loop of kamer;

(e) enige vergroting van die boring of kamer;

(f) enige vergroting in die kopspasie wat die fabrikant se aangegeve toleransie vir die besondere wapen oorskry: Met dien verstande dat die kopspasie nie 'n maksimum van 0,15 mm oorskry nie;

(g) enige beskadiging of vervorming van enige deel van die aksie of ontvanger; en

(h) enige ander defekte wat moontlik die veiligheid van die wapen kan verminder.

4.2.5 Enige modifikasie van die wapen na proewing wat die binne- of buiteafmetings van die loop of kamer verander, maak dit noodsaaklik dat die wapen herproef word.

5. PROEFREKORDS EN -SERTIFIKATE.

5.1 Die proefowerheid moet 'n register hou waarin besonderhede van elke wapen wat geproef is, soos volg aangegee word:

(a) Naam van die fabrikant (indien beskikbaar);

(b) die tipe wapen wat geproef is;

(c) die reeksnommer, kaliber, aanwysing van die kommersiële patroon en, in die geval van haelgewere, die massa van die loop in gram;

(d) datum van die proef;

(e) aard van die proef en die proefdrukwaardes.

5.2 'n Genommerde sertifikaat waarop die besonderhede in 5.1 aangegee word, moet aan die persoon wat 'n wapen vir proewing ingee, uitgereik word indien hy dit verlang.

The first pressure measuring cell shall be at $25,0 \pm 0,5$ mm from the breech face. The second pressure measuring cell shall be at 162 ± 2 mm from the breech face.

4.1.7 The radial Cu-crusher method shall be used for measuring the pressure of proof and commercial cartridges.

4.2 ARMS WITH LONG OR SHORT RIFLED BARRELS.

4.2.1 Before proof firing, the arm shall be carefully inspected to ensure that the barrel is free from defects and that the action functions properly. The dimensions of chamber and bore shall conform to the dimensions given in Appendix 2.

4.2.2 Proof cartridges employing smokeless nitro-based powders shall be used for rifled arms of all calibers. The cartridges shall develop a pressure of 30 per cent in excess of the maximum nominal pressure produced by the corresponding commercial cartridges. These pressures are given in Appendix 3. The radial Cu-crusher method shall be used for measuring the pressure of proof and commercial cartridges.

4.2.3 Proof firing shall consist of—

(a) in the case of rifled arms (except revolvers) of 22 caliber or smaller: One proof cartridge;

(b) in the case of rifled arms (except revolvers) larger than 22: Two proof cartridge and one commercial cartridge; and

(c) revolvers: Proof cartridges equal in number to the capacity of the cylinder.

4.2.4 After proofing the arm shall be free from the following defects:

(a) Any delayed action in the firing of the cartridge due to a defect in the firing mechanism;

(b) accidental firing of the arm when the action is being closed;

(c) defects in the loading or ejection mechanism;

(d) damage to the barrel or chamber;

(e) any enlargement of the bore or chamber;

(f) any increase in head space in excess of the manufacturer's stated tolerance for the particular arm: Provided that the head space shall not exceed 0,15 mm;

(g) any damage to or deformation of any part of the action or receiver; and

(h) any other defects that may conceivably affect the safety of the arm.

4.2.5 Any modification of the arm subsequent to proofing that affects the inside or outside dimensions of the barrel or chamber shall necessitate reproofing of the arm.

5. PROOF RECORDS AND CERTIFICATES.

5.1 The proofing authority shall keep a register showing particulars of every arm proofed, as follows:

(a) Name of manufacturer (where available);

(b) type of arm proofed;

(c) serial number, caliber, designation of commercial cartridge and in the case of shotguns, mass of barrel (in gram);

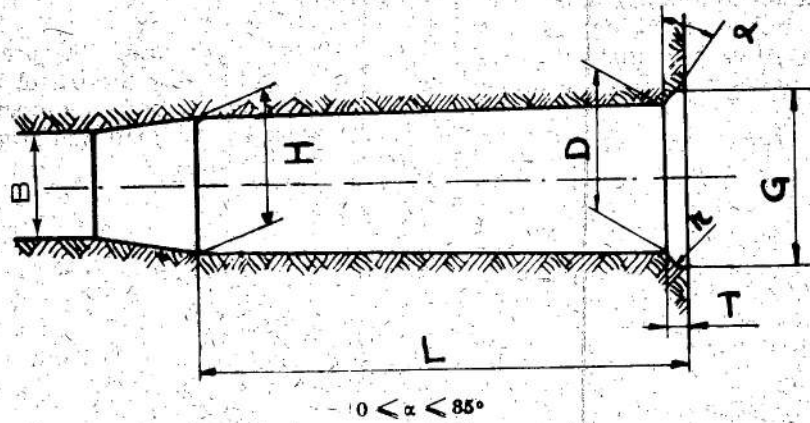
(d) date of proofing; and

(e) nature of proofing and proof pressures.

5.2 If a person submitting an arm for proofing so requires, he shall be furnished with a numbered certificate showing the particulars listed in 5.1.

AANHANGSEL 1.

A - KAMERAFMETINGS VAN AGTERLAAIHAELGEWERE MET GLADDE LOPE



$$r = 0,5$$

Die aangegeve afmetings is minimum waardes

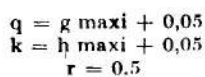
Boring	H	Tol.	D	Tol.	G	Tol.	T	Tol.	B	Tol.
10	21,40		21,75		23,75		1,90		19,3	
12	20,30		20,65		22,55		1,85		18,2	
14	19,35		19,70		21,55		1,75		17,2	
16	18,60		18,95		20,75		1,65		16,8	
20	17,40	+0,1	17,75	+0,1	19,50	+0,1	1,55	+0,05	15,7	+0,4
24	16,50		16,80		18,55		1,55		14,7	
28	15,60		15,90		17,50		1,55		13,8	
32	14,30		14,60		16,20		1,55		12,7	
410	11,80		12,05		13,70		1,55		10,2	
9 mm	9,70		9,90		11,50		1,45		8,5	

Kamerlengte

	44,5 9 mm	51	64 410.....24	64 20.....10	70	73	76	83	89
L min	44,6	50,8	83,6	85,1	69,9	73,0	76,2	82,6	88,9
Tol.					+ 2				

BELANGRIK: Indien boringdiameter B van die waarde in die tabel hierbo verskil, moet hierdie diameter blywend op die loop aangebring wees en moet die wapen aan die strawwe proef onderwerp word.

B - HAE L P A T R O O N A F M E T I N G S



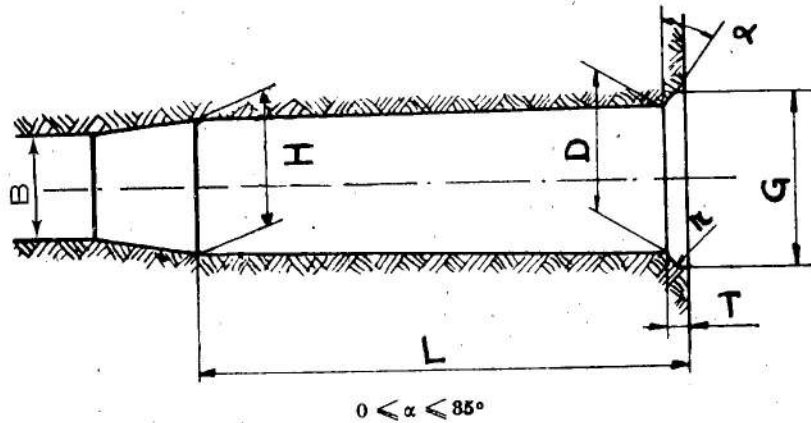
DIE AANGEGEWE AFMETINGS IS MAKSIMUM WAARDES

Boring	g	Tol	d	Tol	t	Tol	h	Tol
10	23,65	-0,25	21,70	-0,15	1,90	-0,25	21,30	-0,25
12	22,45	-0,25	20,60	-0,15	1,85	-0,25	20,20	-0,25
14	21,45	-0,25	19,65	-0,15	1,75	-0,20	19,30	-0,25
16	20,65	-0,25	18,90	-0,15	1,65	-0,20	18,55	-0,25
20	19,40	-0,20	17,70	-0,15	1,55	-0,20	17,35	-0,25
24	18,45	-0,20	16,75	-0,10	1,55	-0,20	16,45	-0,25
28	17,40	-0,20	15,85	-0,10	1,55	-0,20	15,55	-0,25
32	16,10	-0,20	14,55	-0,10	1,55	-0,20	14,25	-0,25
.410	13,60	-0,20	12,00	-0,10	1,55	-0,20	11,75	-0,20
9 mm	11,40	-0,20	9,85	-0,10	1,40	-0,20	9,65	-0,20

[illegible]

APPENDIX 1

A - Chamber dimensions of shotguns, smooth bore, breech-loading type



$$r = 0,5$$

Dimensions given are minimum values

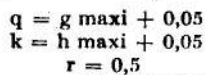
Bore	H	Tol.	D	Tol.	G	Tol.	T	Tol.	B	Tol.
10	21,40		21,75		23,75		1,90		19,3	
12	20,30		20,65		22,55		1,85		18,2	
14	19,35		19,70		21,55		1,75		17,2	
16	18,60		18,95		20,75		1,65		16,8	
20	17,40	+0,1	17,75	+0,1	19,50	+0,1	1,55	+0,05	15,7	+0,4
24	16,50		16,80		18,55		1,55		14,7	
28	15,60		15,90		17,50		1,55		13,8	
32	14,30		14,60		16,20		1,55		12,7	
410	11,80		12,05		13,70		1,55		10,2	
9 mm	9,70		9,90		11,50		1,45		8,5	

Lengths of Chambers

	44,5 9 mm	51	64 410.....24	64 20.....10	70	73	76	83	89
L min	44,6	50,8	83,6	85,1	69,9	73,0	76,2	82,6	88,9
Tol.	+ 2								

IMPORTANT: If bore diameter B is different from the value listed in the above table, this diameter shall be permanently marked on the barrel(s) and the arm shall be subjected to the superior proof.

B - SHOTGUN CARTRIDGE DIMENSIONS



DIMENSIONS GIVEN ARE MAXIMUM VALUES

Bore	g	Tol	d	Tol	t	Tol	h	Tol
10	23,65	-0,25	21,70	-0,15	1,90	-0,25	21,30	-0,25
12	22,45	-0,25	20,60	-0,15	1,85	-0,25	20,20	-0,25
14	21,45	-0,25	19,65	-0,15	1,75	-0,20	19,30	-0,25
16	20,65	-0,25	18,90	-0,15	1,65	-0,20	18,55	-0,25
20	19,40	-0,20	17,70	-0,15	1,55	-0,20	17,35	-0,25
24	18,45	-0,20	16,75	-0,10	1,55	-0,20	16,45	-0,25
28	17,40	-0,20	15,85	-0,10	1,55	-0,20	15,55	-0,25
32	16,10	-0,20	14,55	-0,10	1,55	-0,20	14,25	-0,25
.410	13,60	-0,20	12,00	-0,10	1,55	-0,20	11,75	-0,20
9 mm	11,40	-0,20	9,85	-0,10	1,40	-0,20	9,65	-0,20

LENGTH OF CARTRIDGES

[illegible]

AANHANGSEL/APPENDIX 2

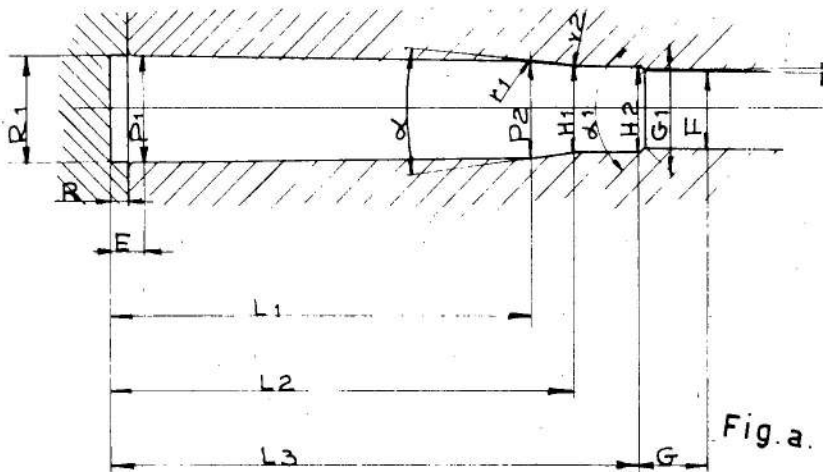
A.—MINIMUM KAMERAFMETINGS VIR RANDLOSE PATRONE
A.—MINIMUM CHAMBER DIMENSIONS FOR RIMLESS CARTRIDGES

Fig. a.

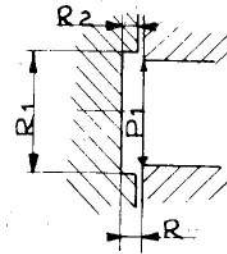


Fig. b.

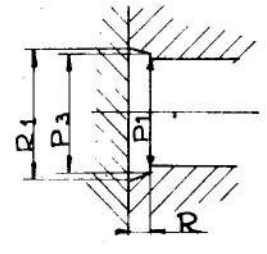
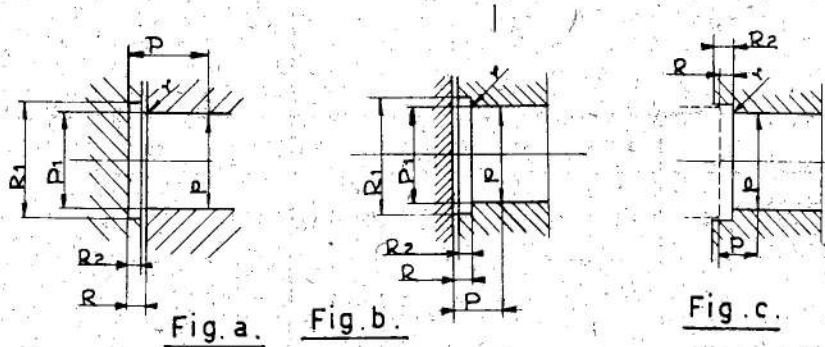


Fig. c.

1	2	3	4	5	6	7	8	9	10	11	12
Fig.	Patroonaanwysing Designation of cartridge	Boring/ Bore F	Groef/ Groove Z	L1	L2	L3	R	R1	R2	R3	E
a	5,6×61 S E v. H.....	5,58	5,76	43,96	53,01	61,3	1,5	12,25	—	—	3
a	6 mm Remington.....	6,02	6,17	43,66	47,65	57,25	1,22	12,04	—	—	3,38
a	6,5×54 Mauser.....	6,40	6,64	36,44	42,99	54,3	1,5	11,85	—	—	3,6
a	6,5×54 Mann. Sch.....	6,48	6,78	41,82	45,6	53,65	1,05	11,57	—	—	3,3
a	6,5×57.....	6,45	6,70	44,46	49,26	57	1,3	12	—	—	3,2
a	6,5×68.....	6,45	6,70	51,71	60,46	67,8	1,4	13,05	—	—	3,5
a	7×64.....	6,98	7,24	51,46	55,32	64,3	1,3	12	—	—	3,2
a	7 mm S E v. H.....	6,98	7,24	53,56	57,48	66,5	1,3	13,05	—	—	3,7
a	8×51.....	7,80	8,07	38,04	42,09	51	1,3	12	—	—	3,2
a	8×56 Mann. Sch.....	7,95	8,30	46	48,3	56,4	1,2	11,9	—	—	3,3
a	8×60 S.....	7,89	8,20	48,16	50,86	60,3	1,3	12	—	—	3,2
a	8×64 S.....	7,89	8,20	51,74	55,54	64,3	1,3	12,05	—	—	3,2
a	8×68 S.....	7,89	8,20	53,16	58,96	67,8	1,4	13,05	—	—	3,5
a	8×75 S.....	7,89	8,20	66,13	68,99	75	1,3	11,95	—	—	3,2
a	9×57.....	8,78	9,06	46,16	47,74	57,1	1,3	12	—	—	3,2
a	9,3×62.....	9,00	9,28	51,75	54,17	62,3	1,3	12	—	—	3,2
a	9,3×64 Brenn.....	9,00	9,28	52,05	55,23	64,3	1,3	12,65	—	—	3,2
a	10,75×68.....	10,45	10,75	53,31	53,96	68,3	1,3	12,62	—	—	3,6
a	22-250 Rem.....	5,56	5,69	38,36	42,15	48,87	1,24	12,06	—	—	3,23
a	220 Swift.....	5,56	5,69	43,62	48,27	56,16	1,24	12,06	—	—	2,89
a	222 Rem.....	5,56	5,69	32,01	35,1	43,48	1,14	9,66	—	—	3
a	222 Rem. Magnum.....	5,56	5,69	37,07	40,15	47,3	1,14	9,63	—	—	3,1
a	223 Rem.....	5,56	5,69	36,42	39,42	45,01	1,14	9,66	—	—	3,12
a	243 Winchester.....	6,02	6,17	39,48	45,65	52,2	1,37	12,03	—	—	3,85
a	244 Rem.....	6,02	6,19	43,66	47,65	57,25	1,22	12,14	—	—	4,15
a	25 Rem.....	6,35	6,5	38	41,4	52,2	1,24	10,77	—	—	3,2
a	250 Savage.....	6,35	6,53	38,36	41,58	48,82	1,24	12,14	—	—	3,14
a	256 Mag Gibbs.....	—	—	44,78	49,15	55,55	1,02	12,14	—	—	3,18
a	257 Roberts.....	6,35	6,5	43,66	48,36	57,25	1,24	12,06	—	—	3,2
a	270 Win.....	6,86	7,04	49,28	54,64	65,02	1,24	12,04	—	—	3,17
a	275 H V Rigby.....	6,99	7,26	43,74	47,29	57,20	1,09	12,12	—	—	2,97
a	280 Rem.....	7,04	—	50,6	55,69	65,02	1,22	12,06	—	—	3,17
a	280 Riml NE Ross.....	—	—	55,35	57,94	66,62	1,52	14,27	—	—	3,58
a	284 Winc.....	7,00	7,19	44,96	47,73	55,37	1,37	12,81	—	—	3,78
a	30 Rem.....	7,62	7,77	38	40,08	52,2	1,24	10,77	—	—	3,2
a	300 Savage.....	7,62	7,82	39,57	41,88	47,85	1,24	12,06	—	—	3,18
a	318 Riml NE.....	—	—	49,58	51,82	61,26	1,27	11,94	—	—	3,51
a	32 Rem.....	7,92	8,1	38	39,66	52,2	1,24	10,8	—	—	3,2
c	32 Winc SL.....	8	8,13	—	—	33,6	1,27	10,92	—	10,41	—
a	333 Riml NE.....	—	—	44,4	49,15	63,17	1,27	13,84	—	—	3,3
a	35 Rem.....	8,86	9,07	38,92	40,1	48,88	1,27	11,78	—	—	3,15
c	35 Winc SL.....	8,76	8,92	—	—	29,81	1,27	11,3	—	10,79	—
a	350 Mag Rigby.....	—	—	57,1	57,94	70,15	1,52	13,41	—	—	3,81
c	351 Winc SL.....	8,76	8,92	—	—	35,06	1,27	11,3	—	10,79	—
a	358 Winc.....	8,89	9,09	39,48	41,72	51,44	1,37	12,03	—	—	3,85
c	401 Winc SL.....	10,15	10,33	—	—	38	1,52	12,45	—	11,81	—
a	404 Riml NE.....	10,41	10,62	50,77	57,12	73,33	1,27	13,84	—	—	3,30
b	408 Winc.....	10,15	10,33	—	—	52,2	1,6	12,88	1,52	—	—
a	416 (Rigby).....	10,35	10,57	59,72	60,91	73,96	1,65	15,04	—	—	3,81
b	444 Marlin.....	10,77	10,92	—	—	56,9	1,6	13,31	1,52	—	—
a	505 Mag Gibbs.....	—	—	62,38	63,4	80,31	1,65	16,31	—	—	4,06

1	2	13	14	15	16	17	18	19	20	21	22	23	24
Fig.	Patroonaanwysing Designation of cartridge	P1	P2	α	r1	r2	H1	H2	G	G1	F	α	i
a	5,6×61 S E v. H.....	12,23	11,63	30°	0,5	0,5	6,78	6,71	15	5,88	5,58	180°	1:100
a	6 mm Remington.....	12,05	10,96	52°	0,635	3,18	7,06	7,04	4,62	6,18	6,02	90°	3°
a	6,5×54 Mauser.....	11,98	11,13	30°	0,5	0,5	7,62	7,61	14	6,68	6,4	180°	1:100
a	6,5×54 Mann. Sch.....	11,52	10,92	47°25'	5,5	2,6	7,61	7,54	21,15	6,9	6,48	180°	1:100,8
a	6,5×57.....	11,93	10,97	37°50'	0,5	0,5	7,68	7,67	30	6,75	6,45	180°	1:200
a	6,5×68.....	13,33	12,21	29°20'	0,5	0,5	7,63	7,62	30	6,75	6,45	180°	1:200
a	7×64.....	11,88	10,83	40°30'	0,5	0,5	7,98	7,97	34	7,32	6,98	180°	1:200
a	7 mm S. E. v. H.....	13,88	12,73	60°	0,5	0,5	8,21	8,2	15	7,28	6,98	180°	1:100
a	8×51.....	11,98	11,18	30°	0,5	0,5	9,01	9	35	8,15	7,8	180°	1:200
a	8×56 Mann. Sch.....	11,83	10,85	43°49'	—	—	9	8,95	21,1	8,4	7,95	180°	1:93,6
a	8×60 S.....	12,01	10,98	38°15'	0,5	0,5	9,11	9,1	34	8,23	7,89	180°	1:200
a	8×64 S.....	11,98	10,88	28°	0,5	0,5	8,99	8,98	34	8,23	7,89	180°	1:200
a	8×68 S.....	13,33	12,18	29°5'	0,5	0,5	9,17	9,16	34	8,23	7,89	180°	1:200
a	8×75 S.....	11,93	10,43	26°	0,5	0,5	9,11	9,1	34	8,23	7,89	180°	1:200
a	9×57.....	11,97	10,98	38°15'	0,5	0,5	9,88	9,87	33,3	9,15	8,78	180°	1:180
a	9,3×62.....	12,13	11,48	35°	0,5	0,5	9,95	9,94	28	9,35	9	180°	1:160
a	9,3×64 Brenn.....	12,91	12,08	35°	0,5	0,5	10,07	10,06	28	9,35	9	180°	1:160
a	10,75×68.....	12,6	12,23	55°55'	0,5	0,5	11,54	11,52	30	10,82	10,45	180°	1:160
a	22-250 Rem.....	11,96	10,56	56°	0,635	3,18	6,53	6,48	3,93	5,7	5,56	90°	2°
a	220 Swift.....	11,38	10,24	42°	—	3,81	6,67	6,63	4,18	s/1,54 5,74	5,56	60°	1°30"
a	222 Rem.....	9,61	9,10	46°	0,635	3,18	6,48	6,45	1,74	5,72	5,56	90°	3°10"
a	222 Rem. Magnum.....	9,59	9,09	46°	0,635	3,18	6,48	6,45	2,16	5,69	5,56	90°	3°10'46"
a	223 Rem.....	9,61	9,03	46°	0,635	3,175	6,48	6,45	6,33	5,75	5,56	90°	1°13'30"
a	243 Winchester.....	11,99	11,56	40°	Mini 0,762	3,68	7,07	7,04	5,18	s/1,524 6,26	6,02	60°	1°30'
a	244 Rem.....	12,03	10,96	52°	0,635	3,18	7,06	7,04	4,62	6,19	6,02	90°	3°
a	25 Rem.....	10,75	10,22	46°	0,635	2,54	7,34	7,26	3,98	s/2,62 6,58	6,35	60°	1°56'
a	250 Savage.....	12,01	10,56	53°	Maxi 2,54	2,54	7,35	7,26	2,98	6,63	6,35	90°	3°
a	256 Mag Gibbs.....	12,04	10,87	40°26'58"	—	—	7,65	7,54	—	—	—	—	—
a	257 Roberts.....	12,04	10,96	41°18'	0,762	3,18	7,42	7,39	3,12	6,63	6,35	90°	2°55'
a	270 Win.....	11,99	11,23	34°30'	0,762	3,18	7,89	7,84	8,13	7,07	6,86	74°40'	47°30"
a	275 H V Rigby.....	12,07	10,90	40°47'34"	—	—	8,26	8,26	—	—	6,99	—	—
a	280 Rem.....	12	11,23	34°30'	0,635	3,18	8,07	8,02	4,93	7,25	7,04	90°	1°22'
a	280 Riml NE Ross.....	13,61	10,74	53°07'48"	—	—	8,15	8,15	—	—	—	—	—
a	284 Winc.....	12,75	12,09	70°	0,76	3,18	8,2	8,18	13,72	7,37	7	90°	47°33"
a	30 Rem.....	10,75	10,22	46°	0,635	2,54	8,47	8,44	3,19	7,8	7,62	60°	1°56'
a	300 Savage.....	12,02	11,36	60°	0,762	3,18	8,69	8,64	8,6	s/4,57 7,86	7,62	90°	1°45'
a	318 Riml NE.....	11,91	11,25	49°48'36"	—	—	9,17	9,14	—	—	—	—	—
a	32 Rem.....	10,73	10,22	46°	0,635	2,54	8,82	8,74	3,17	8,13	7,92	60°	2°12'23"
c	32 Winc SL.....	9,05	—	0	Mini —	—	—	8,88	9,45	s/2,64 8,19	8	30°	40'
a	333 Riml NE.....	13,87	12,73	39°42'14"	—	—	9,3	9,25	—	—	—	—	—
a	35 Rem.....	11,7	10,86	46°50'	0,635	2,54	9,83	9,75	3,17	9,07	8,86	60°	2°15'32"
c	35 Winc SL.....	9,77	—	0	Maxi —	—	—	9,62	8,5	s/2,57 8,95	8,76	30°	40°30"
a	350 Mag Rigby.....	13,18	11,46	90°	—	—	9,78	9,75	—	—	—	—	—
c	351 Winc SL.....	9,86	—	0	—	—	—	9,71	9,69	8,95	8,76	30°	39°30'"
a	358 Winc.....	11,99	11,56	40°	0,762	2,79	9,93	9,88	5,94	9,17	8,89	60°	1°30'
c	401 Winc SL.....	11,13	—	0	Maxi —	—	—	11,05	9	10,38	10,15	30°	40'
a	404 Riml NE.....	13,87	13,49	17°04'	—	—	11,58	11,51	7,62	10,77	10,41	90°	2°
b	408 Winc.....	11,39	—	0	—	—	—	10,97	6,58	10,38	10,15	30°	1°12'
a	416 (Rigby).....	14,99	13,74	89°31'	—	—	11,38	11,35	7,62	10,59	10,35	90°	—
b	444 Marlin.....	11,99	—	0	—	—	—	11,54	1,58	11	10,77	90°	5°
a	505 Mag Gibbs.....	16,28	15,27	75°30'54"	—	—	13,69	13,61	—	—	—	—	—

B.—MINIMUM KAMERAFMETINGS VIR RANDPATRONE
B.—MINIMUM CHAMBER DIMENSIONS FOR RIMMED CARTRIDGES



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Fig.	Patroonaanwysing Designation of cartridge	Boring Bore F	Groef Groove Z	Groef Groove P	D1	L1	D	L2	D2	L3	R	R1	R2	r	R3	P1	p	
b	5,6×35 R.	5,35	5,58	—	—	20	—	25	—	35,8	1,4	8,9	—	—	—	7,58	—	
b	5,6×61R SE vH.	5,58	5,76	—	—	44	—	53,05	—	61,3	1,6	13,65	—	—	—	12,25	—	
b	6,5×52R.	6,30	6,55	—	—	35	—	40	—	52,3	1,6	12,65	—	—	—	10,63	—	
b	6,5×57 R.	6,45	6,70	—	—	44,5	—	49,3	—	57	1,4	13,37	—	—	—	11,95	—	
b	6,5×58 R.	6,40	6,64	—	—	—	—	47,5	—	58,8	1,15	12,8	—	—	—	11,13	—	
b	6,5×68 R.	6,45	6,70	—	—	51,78	—	60,53	—	67,8	1,75	15,05	—	—	—	13,37	—	
b	7×57 R.	6,98	7,24	—	—	43,8	—	47,37	—	57,3	1,6	13,55	—	—	—	12,08	—	
b	7 mm Mag F1 NE.	—	—	—	—	49,56	—	54,64	—	63,75	1,12	13,21	—	—	—	11,71	—	
b	7×65 R.	6,98	7,24	—	—	51,5	—	55,36	—	65,3	1,4	13,37	—	—	—	11,92	—	
b	7×75 R SE vH.	6,98	7,24	—	—	59	—	66,8	—	75,5	1,4	13,45	—	—	—	11,93	—	
b	8×57 R 360.	7,80	8,07	—	—	46	—	48	—	57,3	1,35	12,45	—	—	—	11,03	—	
b	8×57 JRS.	7,89	8,20	—	—	46	—	48,85	—	57,3	1,4	13,37	—	—	—	11,95	—	
b	8×60 RS.	7,89	8,20	—	—	48,2	—	50,9	—	60,3	1,4	13,45	—	—	—	12,06	—	
b	8×65 RS.	7,89	8,20	—	—	51,8	—	55,6	—	65,3	1,4	13,37	—	—	—	12,02	—	
b	8×75 RS.	7,89	8,20	—	—	66,2	—	69,06	—	75	1,4	13,4	—	—	—	11,97	—	
b	8,15×46 R.	7,60	8,03	—	—	30	—	40	—	46,8	1,5	12,4	—	—	—	10,77	—	
b	9,3×72 R.	8,75	9,25	—	—	59	—	50	—	72,3	1,3	12,4	—	—	—	10,93	—	
b	9,3×74 R.	9,00	9,28	—	—	—	—	61,5	—	75	1,4	13,4	—	—	—	11,93	—	
a	218 Bee.	5,563	5,69	—	21,971	—	25,832	—	29,337	34,417	1,651	10,541	—	1,549	0,381	8,895	—	
a	219 Zipper.	5,563	5,69	—	34,745	—	37,617	41,382	—	49,479	1,6	12,878	—	1,524	0,762	10,742	—	
a	22 Short.	5,38	5,58	—	—	—	—	—	—	12	1,10	7,30	—	—	—	5,78	—	
a	22 Long.	5,38	5,58	—	—	—	—	—	—	16,33	1,10	7,30	—	—	—	5,78	—	
a	22 Long Rifle.	5,38	5,58	—	—	—	—	—	—	16,33	1,10	7,30	—	—	—	5,78	—	
a	22 Auto Winc.	5,59	5,74	—	—	—	—	—	—	17,32	1,45	8,26	—	—	—	6,55	—	
a	22 Winc R F.	5,59	—	—	—	—	—	—	—	24,92	1,3	7,87	—	—	—	6,25	—	
a	22 Winc Mag R F.	5,56	5,69	—	—	—	—	—	—	27,20	1,3	7,67	—	1,27	—	6,20	—	
a	22 Hornet.	5,512	5,639	—	20,955	—	23,622	—	27,432	35,763	1,651	9,144	—	1,524	—	7,62	—	
a	22 Rem. Autoloading.	5,59	5,71	—	—	—	—	—	—	17,86	1,3	—	—	—	—	6,31	—	
c	22 Savage.	5,613	5,74	5,207	31,827	—	37,465	—	—	52,121	1,651	—	—	—	1,575	—	10,643	—
c	225 Winc.	5,563	5,677	5,080	—	38,722	40,284	42,682	—	49,276	—	—	—	—	10,813	—	10,752	—
a	240 F1 N E.	—	—	—	—	49,56	—	54,64	—	63,75	1,12	13,21	—	—	—	11,71	—	
a	25-20 Winc.	6,35	6,502	—	20,828	—	22,758	—	25,019	34,671	1,651	10,541	—	1,549	—	8,895	—	
b	25-35 Winc.	6,35	6,502	—	30,810	—	37,643	—	42,875	52,019	1,6	12,878	—	1,473	—	10,742	—	
b	256 Winc Mag.	6,35	6,502	5,080	22,860	25,121	26,721	27,381	—	32,817	1,549	11,29	—	1,549	—	9,652	—	
a	280 Flang NE.	—	—	—	—	55,42	—	58,01	—	66,57	1,55	15,75	—	—	—	13,72	—	
a	297-230 Morris sh.	—	—	—	—	8,74	—	10,52	—	15,24	1,3	9,14	—	—	—	7,62	—	
a	297-230 Morris lg.	—	—	—	—	8,74	—	10,52	—	20,83	1,3	9,14	—	—	—	7,62	—	
a	297-250 Rook Rif.	—	—	—	—	13,44	—	14,88	—	21,08	1,24	9,14	—	—	—	7,62	—	
a	30-30 Winc.	7,62	7,823	—	35,890	—	38,219	—	40,970	52,908	1,6	12,878	—	1,524	—	10,752	—	
a	300 (or 295) Rook R.	—	—	—	—	—	—	—	—	30,23	1,17	9,65	—	—	—	8,13	—	
a	30 sup F1 H & H.	—	—	—	—	55,65	—	65,18	—	74,93	1,55	14,78	—	—	—	13,16	—	
a	300 Sherwood.	—	—	—	—	—	—	—	—	39,62	1,3	9,65	—	—	—	8,15	—	
a	30 F1 NE Purdey.	—	—	—	—	43,05	—	47,12	—	59,03	1,65	14,1	—	—	—	11,76	—	
b	30-40 Krag.	7,62	7,823	5,436	39,726	—	45,390	—	48,108	58,979	1,626	14,046	—	1,473	—	11,648	—	
c	303 Savage.	7,62	7,823	—	31,471	—	36,322	—	—	52,705	1,651	—	—	2,616	1,575	—	11,328	—
c	310 Cadet Rifle.	—	—	—	—	—	—	—	—	28,70	1,12	10,54	—	—	—	9,04	—	
b	32 Winc Sp.	8,001	8,128	—	33,350	—	38,166	—	42,240	52,908	1,6	13,106	—	1,473	—	10,744	—	
a	32-20 Winc.	7,747	7,899	—	21,971	—	23,067	—	24,257	33,401	1,651	10,617	—	1,549	—	9,004	—	
a	32-40 Winc.	8	8,13	—	43,38	—	—	—	—	55,07	1,6	12,88	—	—	—	10,79	—	
a	33 Winc.	8,382	8,585	—	39,878	—	42,504	—	44,958	54,61	1,778	15,748	—	—	—	12,967	—	
b	348 Winc.	8,636	8,839	—	42,164	—	44,069	46,076	—	57,531	1,778	15,748	—	1,422	—	14,072	—	
a	35 Winc.	8,89	9,093	—	50,825	—	52,286	—	54,127	61,747	1,549	14,046	—	1,473	—	11,76	—	
a	350 N° 2 Rigby.	—	—	—	—	53,37	—	57,18	—	70,13	1,3	13,72	—	—	—	11,99	—	
a	360 NE 21/4°.	—	—	—	—	—	—	—	—	57,4	1,19	12,57	—	—	—	10,95	—	
a	369 NE Purdey.	—	—	—	—	55,91	—	60,99	—	68,83	1,09	16,1	—	—	—	13,77	—	
a	375 F1 NE 21/2°.	—	—	—	—	—	—	—	—	63,75	1,65	13,67	—	—	—	11,68	—	
a	375 F1 Mag NE.	—	—	—	—	60,99	—	63,53	—	74,93	1,55	14,78	—	—	—	13,16	—	
a	380 Long Rifle.	—	—	—	—	—	—	—	—	24,26	1,3	11,18	—	—	—	9,68	—	
a	38-40 Winc.	10,008	10,16	—	21,844	—	25,464	—	27,305	33,452	1,651	13,589	—	1,549	—	11,963	—	
a	38-55 Winc.	9,47	9,63	—	—	—	—	—	—	53,80	1,6	12,88	—	1,524	—	10,74	—	
b	40-82 Winc.	10,211	10,363	—	42,418	—	48,103	—	50,038	61,849	1,778	15,748	—	1,422	—	12,949	—	
a	400/350 NE.	—	—	—	—	53,37	—	57,18	—	70,1	1,3	13,72	—	—	—	11,99	—	
a	400 Nitro BP Ex 3° Purdey.	—	—	—	—	—	—	—	—	76,45	1,35	13,51	—	—	—	12,01	—	
a	405 Winc.	10,29	10,49	—	—	—	—	—	—	66,62	1,85	13,85	—	1,47	—	11,76	—	
a	408 Winc.	10,15	10,33	—	—	—	43,18	—	—	52,2	1,6	12,88	—	1,524	—	11,39	—	
a	44-40 Winc.	10,732	10,884	—	22,987	—	24,392	—	25,471	33,35	1,651	13,589	—	1,549	—	11,984	—	
a	450-400 NE 3°.	—	—	—	—	53,37	—	60,99	—	76,45	1,68	16,13	—	—	—	13,94	—	
a	450-400 Mag NE 31/4°.	—	—	—	—	50,83	—	58,45	—	82,8	1,09	16,1	—	—	—	13,87	—	
a	450 NE 31/4°.	—	—	—	—	—	—	—	—	82,8	1,09	16,1	—	—	—	13,87	—	
b	45-70 Govt.	11,43	11,58	—	—	—	—	—	—	53,59	1,78	—	—	1,651	—	12,91	—	
a	470 NE.	—	—	—	—	60,99	—	63,53	—	82,8	1,04	16,89	—	—	—	14,58	—	
a	475 N° 2 N E 31/2°.	—	—	—	—	69,24	—	74,32	—	89,15	2,06	17,4	—	—	—	14,76	—	
a	500 NE 3°.	—	—	—	—	—	—	—	—	76,45	1,04	16,89	—	—	—	14,61	—	
a	500-465 NE.	—	—	—	—	55,91	—	66,07	—	82,8	1,04	16,89	—	—	—	14,61	—	
a	577-450 Sol Mar H.	—	—	—	—	35,74	—	41,2	—	59,33	1,3	19,56	—	—	—	17,09	—	
a	577 Sol Snider.	—	—	—	—	34,59	—	37,13	—	51,05	1,3	19,3	—	—	—	16,89	—	
a	577 NE 3°.	—	—	—	—	—	—	—	—	76,45	1,3	19,3	—	—	—	16,84	—	
a	600 NE.	—	—	—	—	—	—	—	—	76,45	1,68	20,83	—	—	—	17,81	—	

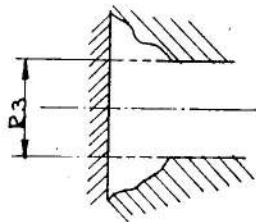
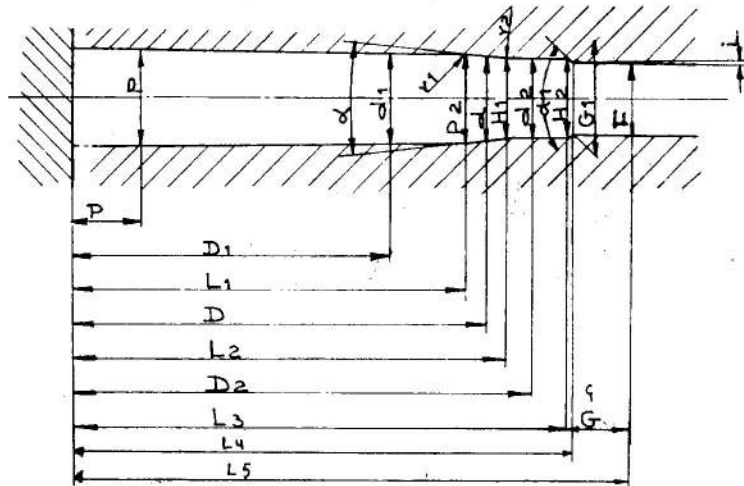


Fig. d.



1	2	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Fig.	Patroonaanwysing Designation of cartridge	dl	P2	d	a	r1	r2	H1	d2	H2	G	G1	F	a'	i
b	5,6×35 R.....	—	7,08	—	8°0'30"	0,5	0,5	6,38	—	6,35	19,8	5,68	5,35	180°	1:120
b	5,6×61R SE vH.....	—	11,63	—	30°	0,5	0,5	6,78	—	6,71	15	5,88	5,58	180°	1:100
b	6,5×52R.....	—	9,23	—	22°50'20"	0,5	0,5	7,21	—	7,20	16	6,62	6,30	180°	1:100
b	6,5×57 R.....	—	10,97	—	37°50'	0,5	0,5	7,68	—	7,67	30	6,75	6,45	180°	1:200
b	6,5×58 R.....	—	—	—	nul	—	—	7,60	—	7,59	30	6,70	6,40	180°	1:200
b	6,5×68 R.....	—	12,21	—	29°20'	0,5	0,5	7,63	—	7,62	30	6,75	6,45	180°	1:200
b	7×57 R.....	—	10,95	—	41°	0,5	0,5	8,28	—	8,27	19,2	7,30	6,98	180°	1:120
b	7 mm Mag F1 NE.....	—	10,31	—	24°32'38"	0,5	0,5	8,10	—	8,10	—	—	—	—	—
b	7×65 R.....	—	10,83	—	40°30'	0,5	0,5	7,98	—	7,97	33	7,31	6,98	180°	1:200
b	7×75 R SE vH.....	—	10,73	—	20°	0,5	0,5	7,98	—	7,97	19	7,36	6,98	180°	1:100
b	8×57 R 360.....	—	9,73	—	25°54'20"	0,5	0,5	8,81	—	8,80	34	8,14	7,80	180°	1:200
b	8×57 JRS.....	—	10,98	—	36°21'12"	0,5	0,5	9,11	—	9,10	35	8,24	7,89	180°	1:200
b	8×60 RS.....	—	10,98	—	38°15'	0,5	0,5	9,11	—	9,10	34	8,23	7,89	180°	1:200
b	8×65 RS.....	—	10,88	—	28°	0,5	0,5	8,99	—	8,98	33	8,22	7,89	180°	1:200
b	8×75 RS.....	—	10,43	—	26°	0,5	0,5	9,11	—	9,10	34	8,23	7,89	180°	1:200
b	8,15×46 R.....	—	9,92	—	6°0'38"	0,5	0,5	8,85	—	8,84	25,5	8,45	7,60	180°	1:160
b	9,3×72 R.....	—	—	—	nul	—	—	9,84	—	9,83	27	9,65	8,75	180°	1:60
b	9,3×74 R.....	—	10,43	—	10°58'	0,5	0,5	9,95	—	9,94	26,4	9,33	9,00	180°	1:160
a	218 Bee.....	8,494	—	7,302	30°	—	4,699	—	6,202	6,172	—	5,756	5,563	30°	1°30'
a	219 Zipper.....	9,284	—	8,064	24°	—	7,938	6,464	—	6,426	—	5,766	5,563	60°	1°30'
a	22 Short.....	—	—	—	—	—	—	—	—	5,72	—	—	5,38	—	30°
a	22 Long.....	—	—	—	—	—	—	—	—	5,72	—	—	5,38	—	10°
a	22 Long Rifle.....	—	—	—	—	—	—	—	—	5,72	—	—	5,38	—	10°
a	22 Auto Winc.....	—	6,40	—	nul	—	—	—	—	—	—	4,75	5,97	30°	2°46'
a	22 Winc R F.....	—	6,20	—	nul	—	—	—	—	—	—	1,14	5,59	30°	0
a	22 Winc Mag R F.....	—	6,17	—	—	—	—	—	—	—	—	4,47	5,76	30°	1°30'
a	22 Hornet.....	7,087	—	6,655	10°58'	—	—	—	6,22	6,172	3,099	—	5,512	90°	3°
a	22 Rem. Autoloading.....	6,20	—	—	—	12,70	22,225	—	—	—	0,53	5,59	5,59	60°	0
a	22 Savage.....	9,449	—	8,382	28°	3,81	7,62	6,655	6,655	6,553	—	5,613	5,613	17°	0
a	225 Winc.....	—	10,348	8,89	50°	0,762	2,54	6,655	6,629	4,166	5,74	5,563	5,563	60°	1°30'
a	240 F1 N E.....	—	10,31	—	34°39'26"	—	—	7,14	—	7,14	—	—	—	—	—
a	25-20 Winc.....	8,517	—	7,925	33°8'	6,604	4,699	—	7,14	7,074	—	6,35	6,35	30°	0
a	25-35 Winc.....	9,449	—	8,255	23°8'	15,24	12,7	—	7,305	7,176	—	6,35	6,35	12°30'	0
a	256-Winc Mag.....	9,403	9,373	7,874	50°	0,762	2,54	7,29	—	7,264	2,982	6,629	6,35	90°	3°
a	280 Flang NE.....	—	10,74	—	53°07'48"	—	—	8,15	—	8,15	—	—	—	—	—
a	297-230 Morris sh.....	—	7,39	—	36°23'10"	—	—	6,22	—	6,17	—	—	—	—	—
a	297-230 Morris lg.....	—	7,39	—	36°23'10"	—	—	6,22	—	6,12	—	—	—	—	—
a	297-250 Rook Rif.....	—	7,34	—	20°05'02"	—	—	6,83	—	6,81	—	—	—	—	—
a	30-30 Winc.....	10,251	—	9,525	31°18'	11,684	5,334	—	8,471	8,4	—	7,62	7,62	30°	0
a	300 (or 295) Rook R.....	—	—	—	—	—	—	—	—	8,1	—	—	—	—	—
a	30 sup F1 H & H.....	—	11,46	—	17°00'32"	—	—	8,61	—	8,61	—	—	—	—	—
a	300 Sherwood.....	—	—	—	—	—	—	—	—	8,1	—	—	—	—	—
a	30 F1 NE Purdey.....	—	10,72	—	29°03'48"	—	—	8,61	—	8,53	—	—	—	—	—
a	30-40 Krag.....	10,780	—	9,525	42°12'	3,937	6,604	—	8,623	8,606	8,405	7,894	7,62	24°	1°10'
a	303 Savage.....	10,701	—	9,525	32°	1,524	5,08	—	8,725	8,547	6,858	7,925	7,62	0,254	1°19'20"
a	310 Cadet Rifle.....	—	—	—	—	—	—	—	—	8,33	—	—	—	—	—
a	32 Winc Sp.....	10,287	—	9,525	29°28'	3,810	7,62	—	8,788	8,725	—	8,001	8,001	30°	0
a	32-20 Winc.....	8,727	—	8,585	11°30'	—	12,7	—	8,412	8,308	—	7,747	7,747	50°	0
a	32-40 Winc.....	8,81	8,62	—	—	—	—	—	—	—	0,78	8	8	43°	0
a	33 Winc.....	11,311	—	10,414	32°30'	7,62	5,283	—	9,406	9,314	9,5	8,783	8,382	30°	1°21'
a	348 Winc.....	12,344	—	11,021	38°20'	—	2,54	9,627	—	9,555	—	8,788	8,636	90°	1°30'
a	35 Winc.....	10,914	—	10,414	30°38'	3,81	3,81	—	9,799	9,726	—	9,286	8,89		

C.—MINIMUM KAMERAFMETINGS VIR REWOLWERS EN AUTOMATIESE PISTOLE
C.—MINIMUM CHAMBER DIMENSIONS FOR REVOLVERS AND AUTOMATIC PISTOLS

Fig. a

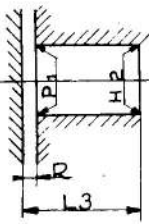


Fig. b

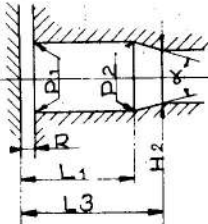


Fig. c

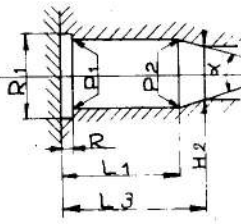


Fig. d

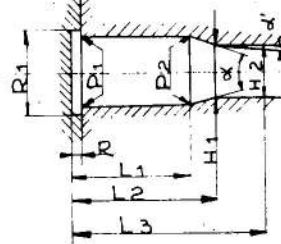
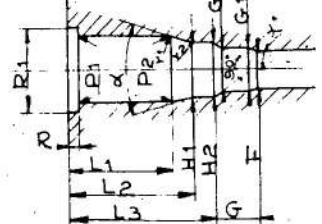
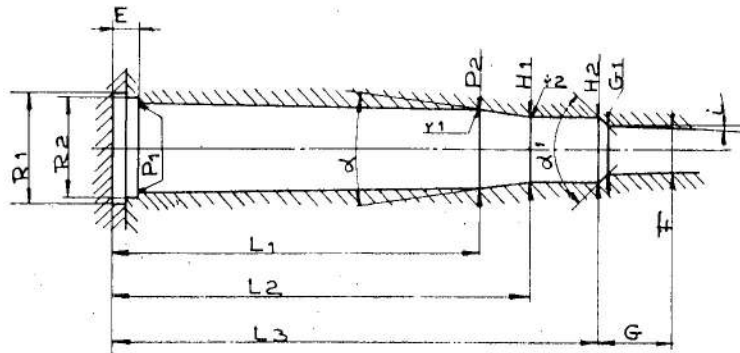


Fig. e



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Fig.	Patroonaanwysing Designation of cartridge	Boring Bore F	Groef Groove Z	L1	L2	L3	R	R1	P1	P2	a	r1	r2	H1	H2	G	G1	F	a'
e	22 Rem. Jet Center Fire Mag- num.....	5,42	5,65	15,24	27,53	32,97	1,52	11,28	9,65	9,3	13°21'	0,762	3,18	6,43	6,4	11,16	5,69	5,42	4°45'
d	6 mm 35 Browning.....	6,17	6,37	16	—	—	1,1	7,7	7,2	7,1	27°30'	—	—	—	—	—	—	—	—
a	32 short Colt.....	—	7,9	—	—	—	1,4	—	8,13	—	—	—	—	—	8,13	—	—	—	—
a	32 long Colt.....	—	7,9	—	—	—	1,35	—	8,13	—	—	—	—	—	8,13	—	—	—	—
b	32 Sm & Wesson long and Colt NP.....	—	7,9	24,38	—	26,16	1,52	—	8,62	8,57	—	—	—	—	7,98	—	—	—	—
b	32 Smith & Wess.....	—	7,93	16	—	17,98	1,52	—	8,62	8,62	—	—	—	—	7,98	—	—	—	—
c	357 Magnum.....	—	9,04	32,82	—	35,23	1,32	11,29	9,68	9,65	—	—	—	—	9,09	—	—	—	—
b	38 long Colt.....	—	8,97	29,59	—	34,56	1,52	—	9,66	9,63	6°	—	—	—	9,11	—	—	—	—
b	38 Sm & Wesson and Colt New Pol.....	—	8,97	19,94	—	21,21	1,4	—	9,84	9,82	—	—	—	—	9,11	—	—	—	—
b	38 Spécial.....	—	9,04	29,64	—	32,05	1,57	—	9,65	9,65	14°	—	—	—	9,09	—	—	—	—
d	38 A M U.....	8,79	8,97	15,32	29,34	45,82	1,27	10,41	9,71	9,67	3°	—	—	9,65	8,79	—	—	8,79	—
d	38 Super Auto.....	8,84	9,02	23,32	26,23	—	1,27	10,36	9,88	9,83	19°20'	—	—	—	—	—	—	8,84	—
d	380 Auto.....	8,84	9,02	17,3	17,3	19,51	0	—	9,72	9,58	180°	—	—	9,15	8,84	—	—	8,84	—
a	41 long Colt.....	—	10,19	—	—	39,83	1,52	—	10,49	—	—	—	—	—	10,42	—	—	—	—
b	44 Smith & Wesson Russian.....	—	10,97	25,15	—	26,92	1,52	—	11,62	11,61	—	—	—	—	10,97	—	—	—	—
b	44 Smith & Wesson Spécial.....	—	10,99	—	—	30,06	1,52	13,16	11,66	11,63	28°48'	—	—	—	10,99	—	—	—	—
c	44 Rem. Magnum.....	—	10,99	33,22	—	34,87	1,52	13,18	11,68	11,63	22°12'	—	—	—	10,99	—	—	—	—
c	45 Colt.....	11,57	11,46	32,89	—	35,18	1,52	—	12,37	12,19	—	—	—	—	11,57	—	—	11,57	—
c	45 Auto Rim.....	—	11,46	22,86	—	22,86	2,29	13,36	12,18	12,01	180°	—	—	—	11,5	—	—	—	—

D.—MINIMUM KAMERAFMETINGS VIR "MAGNUM"-BANDPATRONE
D.—MINIMUM CHAMBER DIMENSIONS FOR BELTED "MAGNUM" CARTRIDGES



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Patroonaanwysing Designation of cartridge	Boring Bore F	Groef Groove Z	L1	L2	L3	R1	R2	E	P1	P2	α	r1	r2	H1	H2	G	G1	F	α'	i
244 H & H Magnum	6,02	6,22	59,18	63,88	70,87	13,51	13,56	5,56	13,03	11,48	50°	—	—	6,11	6,11	8,26	6,21	6,02	90°	1°20'
264 Winc. Magnum	6,5	6,71	52,02	57,21	64,11	—	13,59	5,59	13,06	12,5	50°	0,762 Maxi	3,81	7,66	7,62	4,77	6,81	6,5	90°	2°
7 mm Rem. Magnum	7,04	7,21	52,02	56,79	64,11	—	13,59	5,59	13,06	12,5	50°	0,762 Maxi	3,81	8,05	8,03	5,12	7,23 s/2,9	7,04	90°	3°
300 H & H Magnum	7,62	7,82	53,99	62,68	72,9	—	13,54	5,59	13,06	11,41	18°	2,54	2,54	8,66	8,62	3,26	7,82	7,62	90°	2°
300 Winc. Magnum	7,62	7,82	55,98	60,01	67,16	—	13,84	5,59	13,06	12,45	50°	0,762 Maxi	3,18	8,69	8,65	7,89	8	7,62	90°	1°26'36"
338 Winc. Magnum	8,38	8,59	51,92	55,2	64,01	—	13,59	5,59	13,06	12,5	50°	0,762 Maxi	3,81	9,44	9,41	5,77	8,76	8,38	90°	2°
350 Rem. Magnum..	8,86	9,07	43,38	46,28	55,73	—	13,59	5,59	13,06	12,60	50°	0,762 Maxi	2,79	9,91	9,88	8,94	9,12	8,86	60°	2°30'
375 H & H Magnum	9,3	9,55	61,38	63,45	72,9	—	13,54	5,59	13,06	11,4	30°	2,54	2,54	10,29	10,26	8,91	9,91	9,3	90°	2°
458 Winc. Magnum	11,43	11,63	—	—	64,01	—	13,59	5,59	13,08	—	—	—	—	—	12,27	28,37	11,91	11,43	90°	29°30"

E.—MINIMUM KAMERAFMETINGS VIR SLENTERSLAGRANDPATRONE
 E.—MINIMUM CHAMBER DIMENSIONS FOR RIMMED CENTERFIRE CARTRIDGES

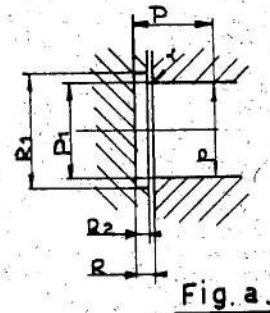
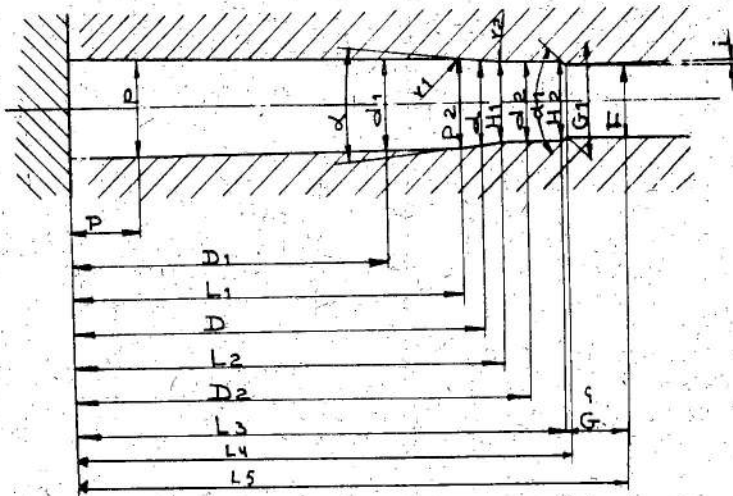


Fig. a.

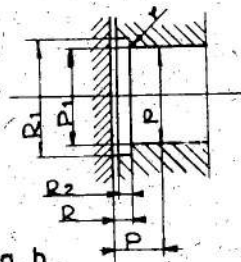


Fig. b.

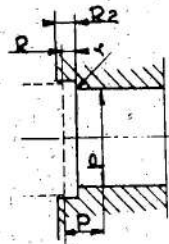


Fig. c.

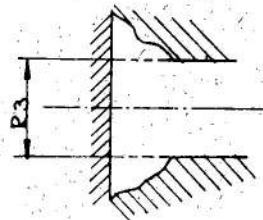


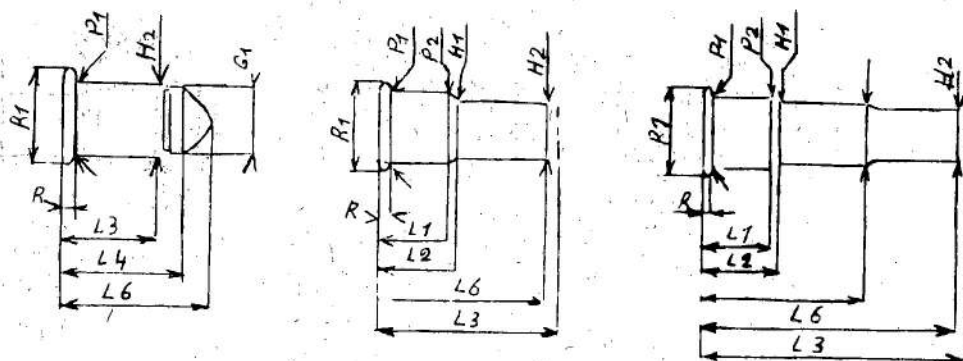
Fig. d.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Fig.	Patroonaanwysing Designation of cartridge	Boring Bore	Groef Groove	P	D1	L1	D	L2	D2	L3	R	R1	R2	r	R3	P1
a	.22 Short.....	5,38	5,58	—	—	—	—	—	—	12	1,10	7,30	—	—	—	5,78
a	.22 Long.....	5,38	5,58	—	—	—	—	—	—	16,33	1,10	7,30	—	—	—	5,78
a	.22 Long Rifle.....	5,38	5,58	—	—	—	—	—	—	16,33	1,10	7,30	—	—	—	5,78
b	.22 Auto Win.....	5,59	5,74	—	—	—	—	—	—	17,32	1,45	8,26	—	—	—	6,55
a	.22 Win R F.....	5,59	—	—	—	—	—	—	—	24,92	1,3	7,87	—	—	—	6,25
a	.22 Win Mag RF.....	5,56	5,69	—	—	—	—	—	—	27,20	1,3	7,67	1,27	—	—	6,20
b	.22 Claybird LS.....	5,51	—	—	—	—	—	—	—	20,45	1,12	7,32	—	—	—	5,78
b	.22 Claybir LRS.....	5,51	—	—	—	—	—	—	—	23,22	1,12	7,32	—	—	—	5,8

1	2	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Fig.	Patroonaanwysing Designation of cartridge	p	d1	d2	d	a	r1	r2	H1	d2	H2	G	G1	F	a	i
a	.22 Short.....	—	—	—	—	—	—	—	—	—	5,72	—	—	5,38	30°	—
a	.22 Long.....	—	—	—	—	—	—	—	—	—	5,72	—	—	5,38	10°	—
a	.22 Long Rifle.....	—	—	—	—	—	—	—	—	—	5,72	—	—	5,38	10°	—
b	.22 Auto Win.....	—	—	6,40	—	nul	—	—	—	—	—	4,75	5,97	5,59	30°	2°46'
a	.22 Win R F.....	—	—	6,20	—	nul	—	—	—	—	—	1,14	5,59	5,59	30°	0°
a	.22 Win Mag RF.....	—	—	6,17	—	—	—	—	—	—	—	4,47	5,76	5,56	30°	1°30'
b	.22 Claybird LS.....	—	—	—	—	—	—	—	—	—	5,68	—	5,51	5,51	60°	—
b	.22 Claybir LRS.....	—	—	—	—	—	—	—	—	—	5,68	—	5,51	5,51	60°	—

AANHANGSEL 2.

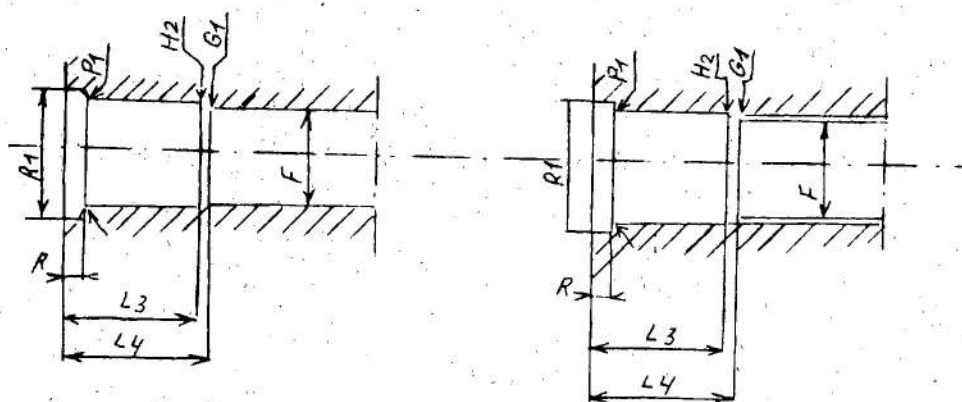
F - RANDSLAGPATRONE - FLOBERT 5,6 mm



MAKSIMUM PATROONAFMETINGS

1	2	3	4	5	6	7	8	9	10	11	12
	L1	L3	L4	L6	R	R1	P1	P2	H1	H2	G1
Korrel		6,80	9,20	12,70	1,12	7,06	5,74			5,73	5,71
Hael kort	7,60	22,30		22,10	1,12	7,06	5,74	5,72	5,35	5,33	
Hael lank	7,60	32,20		32,10	1,12	7,06	5,74	5,72	5,35	5,33	

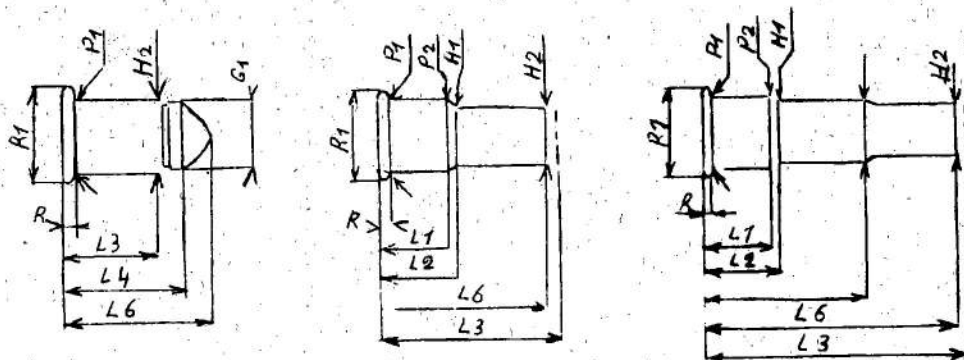
MINIMUM KAMERAFMETINGS



1	2	3	4	5	6	7	8	9	10
	F	Z	L3	L4	R	R1	P1	H2	G1
Korrel { Glad			7,80	9,20 maks.	1,12	7,30	5,76	5,73	5,50
Gegroef	5,45	5,60	7,80	9,20 maks.	1,12	7,30	5,76	5,73	5,60

APPENDIX 2.

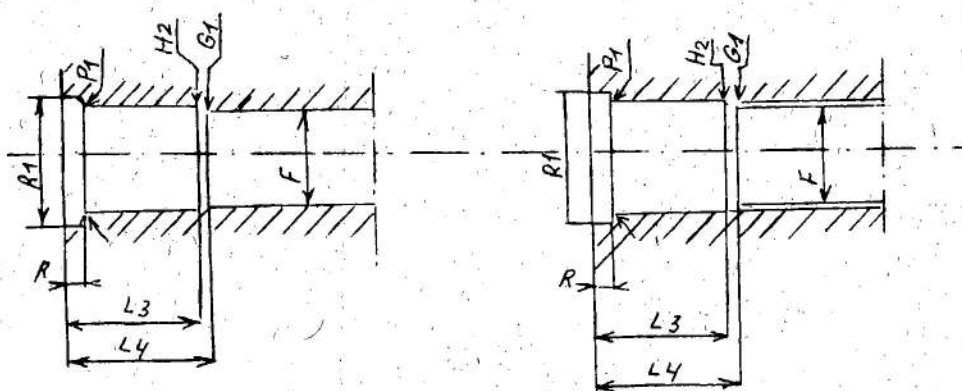
F - RIMFIRE CARTRIDGES, FLOBERT 5,6 mm



MAXIMUM DIMENSIONS OF CARTRIDGES

1	2	3	4	5	6	7	8	9	10	11	12
	L1	L3	L4	L6	R	R1	P1	P2	H1	H2	G1
Ball		6,80	9,20	12,70	1,12	7,06	5,74			5,73	5,71
Shot short	7,60	22,30		22,10	1,12	7,06	5,74	5,72	5,35	5,33	
Shot long	7,60	32,20		32,10	1,12	7,06	5,74	5,72	5,35	5,33	

MINIMUM CHAMBER DIMENSIONS

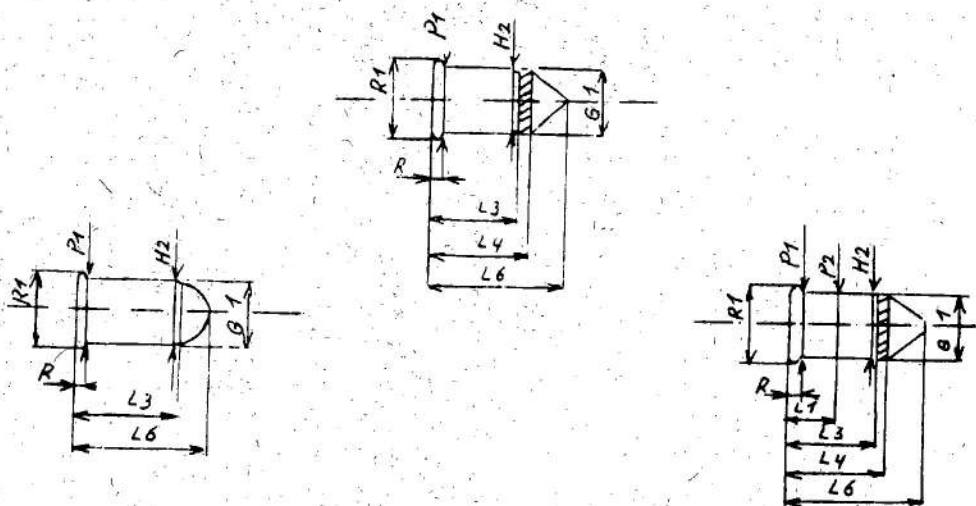


1	2	3	4	5	6	7	8	9	10
	F	Z	L3	L4	R	R1	P1	H2	G1
Ball {			7,80	9,20 max.	1,12	7,30	5,76	5,73	5,50
	5,45	5,60	7,80	9,20 max.	1,12	7,30	5,76	5,73	5,60

AANHANGSEL 2.

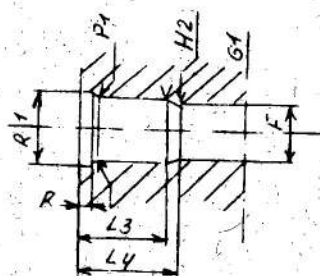
G - RANDSLAGPATRONE - FLOBERT 6 mm

MAKSIMUM AFMETINGS VAN SFERIESE, KEËLVORMIGE EN OJIEFVORMIGE PATRONE MET ENKEL- OF DUBBELBASIS



1	2	3	4	5	6	7	8	9	10	11
	L1	L3	L4	L6	R	R1	P1	P2	H2	G1
6-mm-koeël		7,90	10,00	12,70	1,40	7,40	5,92		5,90	5,87

MINIMUM KAMERA AFMETINGS

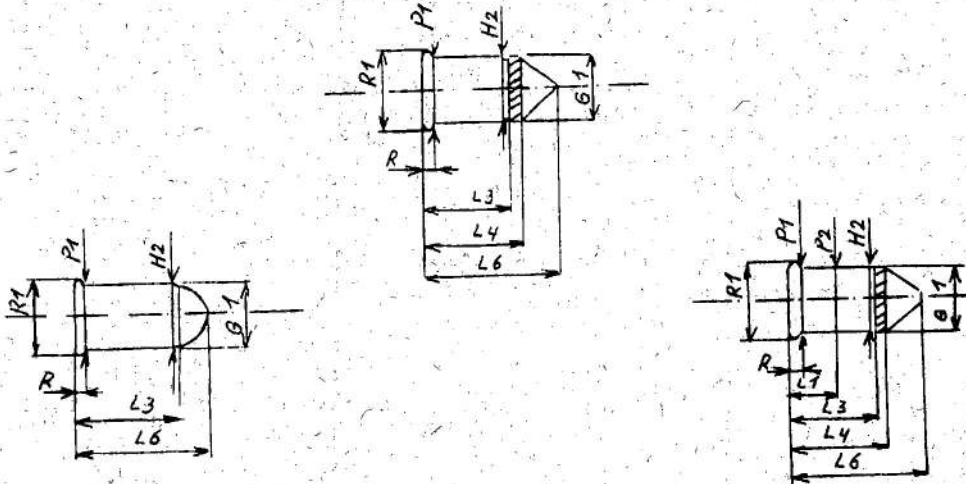


1	2	3	4	5	6	7	8	9
	L3	L4	R	R1	P1	P2	H2	G1=F
6-mm-Flobert	7,90	10,00 maks.	1,40	7,55	5,93		5,90	5,50

APPENDIX 2.

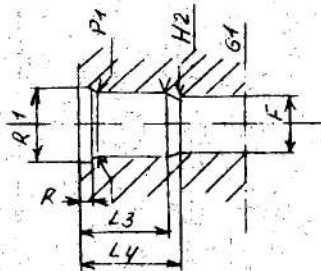
G - RIMFIRE CARTRIDGES - FLOBERT 6 mm

MAXIMUM DIMENSIONS OF SPHERICAL, CONICAL AND OGIVAL CARTRIDGES WITH SINGLE OR DOUBLE BASE



1	2	3	4	5	6	7	8	9	10	11
	L1	L3	L4	L6	R	R1	P1	P2	H2	G1
6 mm Ball		7,90	10,00	12,70	1,40	7,40	5,92		5,90	5,87

MINIMUM CHAMBER DIMENSIONS

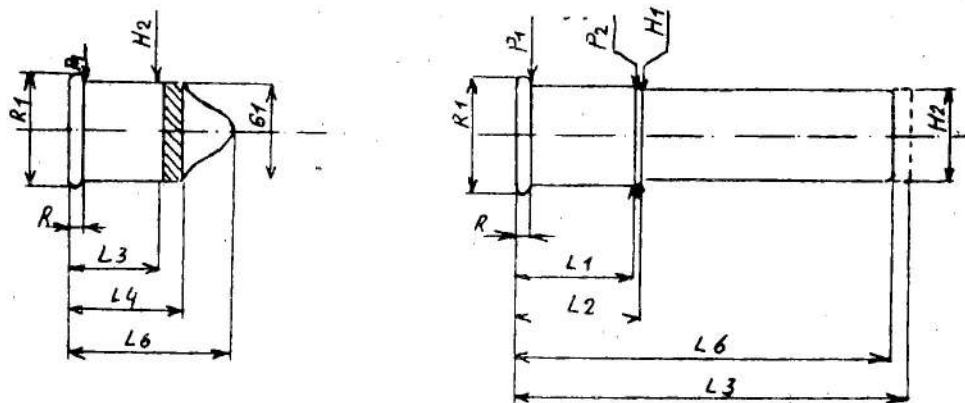


1	2	3	4	5	6	7	8	9
	L3	L4	R	R1	P1	P2	H2	G1=F
6 mm Flobert	7,90	10,00 max.	1,40	7,55	5,93		5,90	5,50

AANHANGSEL 2.

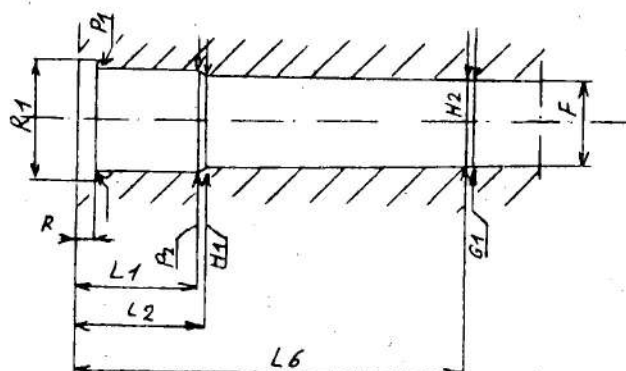
H - RANDSLAGPATRONE - FLOBERT 9 mm

MAKSIMUM PATROONAFMETINGS



1	2	3	4	5	6	7	8	9	10	11	12	13
	L1	L2	L3	L4	L6	R	R1	P1	P2	H1	H2	G1
Korrel			10,50	12,50	18,10	1,45	10,50	8,80			8,80	8,80
Hael metaal= dop	10,50	12,00			45,00	1,45	10,50	8,80	8,80	8,40	8,35	
Hael papier= dop	10,50	12,00			45,00	1,45	10,45	8,80	8,80	8,40	8,35	

MINIMUM KAMERAUFMETINGS

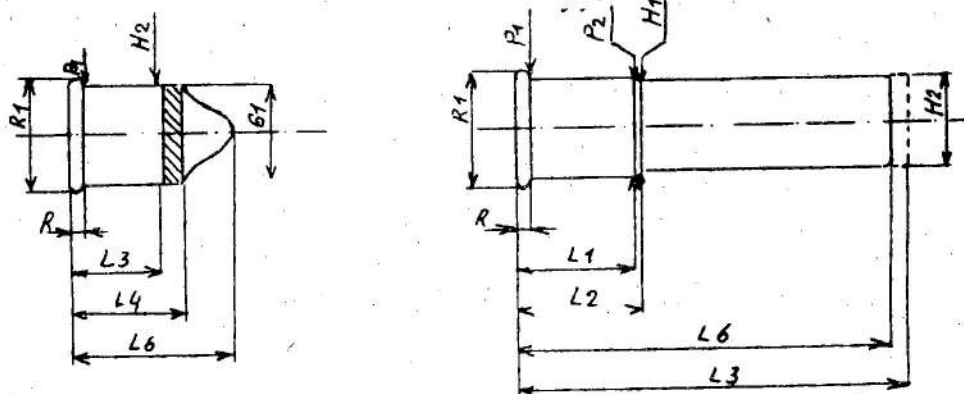


1	2	3	4	5	6	7	8	9	10	11	12
	F	L1	L2	L6	R	R1	P1	P2	H1	H2	G1
9-mm- Flobert		10,50	12,00	45,10	1,45	10,70	8,85	8,82	8,50	8,45	8,38

APPENDIX 2.

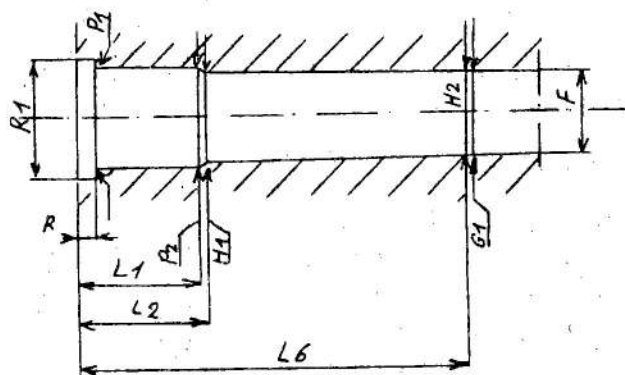
H - RIMFIRE CARTRIDGES - FLOBERT 9 mm

MAXIMUM CARTRIDGE DIMENSIONS



1	2	3	4	5	6	7	8	9	10	11	12	13
	L1	L2	L3	L4	L6	R	R1	P1	P2	H1	H2	G1
Ball			10,50	12,50	18,10	1,45	10,50	8,80			8,80	8,80
Shot metal case	10,50	12,00			45,00	1,45	10,50	8,80	8,80	8,40	8,35	
Shot paper case	10,50	12,00			45,00	1,45	10,45	8,80	8,80	8,40	8,35	

MINIMUM CHAMBER DIMENSIONS



1	2	3	4	5	6	7	8	9	10	11	12
	F	L1	L2	L6	R	R1	P1	P2	H1	H2	G1
9 mm Flobert		10,50	12,00	45,10	1,45	10,70	8,85	8,82	8,50	8,45	8,38

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN PATRONE
VIR GROEFLOOPWAPENS

A - RANDPATRONE

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
5,6 x 35 R	240	276	312
5,6 x 61 R S.E.v.H.	330	380	429
5,6 x 52 R	290	334	377
6,5 x 57 R	290	334	377
6,5 x 58 R	250	288	325
6,5 x 68 R	340	391	442
7 x 57 R	300	345	390
7 mm Magnum Fl.N.E.	290	334	377
7 x 65 R	330	380	429
7 x 75 R S.E.v.H.	360	414	468
8 x 57 R 360	220	253	286
8 x 57 JRS	290	334	377
8 x 60 RS	300	345	390
8 x 65 RS	350	413	455
8 x 75 RS	330	380	429
8,15 x 46 R	150	173	195
9,3 x 72 R	180	207	234
9,3 x 74 R	300	345	390
.218 Bee	280	322	364
.22 Auto.Win.	110	127	143
.22 Win. R.F.	115	133	150
.22 Win.Magnum RF.	200	230	260
.22 Hornet	280	322	364
.22 Savage	290	334	377
.225 Win.	340	391	442
.240 Fl.N.E.	280	322	364
.25-20 Win. (6,3 x 33 R)	240	276	312
.25-35 Win. (6,5 x 52 R)	270	311	351

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES OF CARTRIDGES FOR RIFLED ARMS

A - RIMMED CARTRIDGES

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
5,6 x 35 R	240	276	312
5,6 x 61 R S.E.v.H.	330	380	429
5,6 x 52 R	290	334	377
6,5 x 57 R	290	334	377
6,5 x 58 R	250	288	325
6,5 x 68 R	340	391	442
7 x 57 R	300	345	390
7 mm Magnum Fl.N.E.	290	334	377
7 x 65 R	330	380	429
7 x 75 R S.E.v.H.	360	414	468
8 x 57 R 360	220	253	286
8 x 57 JRS	290	334	377
8 x 60 RS	300	345	390
8 x 65 RS	350	413	455
8 x 75 RS	330	380	429
8,15 x 46 R	150	173	195
9,3 x 72 R	180	207	234
9,3 x 74 R	300	345	390
.218 Bee	280	322	364
.22 Auto.Win.	110	127	143
.22 Win. R.F.	115	133	150
.22 Win.Magnum RF.	200	230	260
.22 Hornet	280	322	364
.22 Savage	290	334	377
.225 Win.	340	391	442
.240 Fl.N.E.	280	322	364
.25-20 Win. (6,3 x 33 R)	240	276	312
.25-35 Win. (6,5 x 52 R)	270	311	351

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN
PATRONE VIR GROEFLOOPWAPENS

A - RANDPATRONE

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
.256 Win. Magnum	305	350	395
.280 Fl. N.E.	260	299	338
.30-30 Win.	280	322	364
.30 Sup. Fl. H & H.	280	322	364
.30 Fl. N.E. Purdey	280	322	364
.303 Savage	240	276	312
.310 Cadet Rifle	100	115	130
.32 Win. Sp.	270	311	351
.32-20 Win.	190	219	247
.348 Win.	280	322	364
.350 N° 2 Rigby	290	334	377
.351 Win. S.L.	320	368	416
.360 N.E. 2 1/4"	220	253	286
.369 N.E. Purdey	270	311	364
.375 Fl. Mag. N.E.	285	328	371
.400/350 N.E.	250	288	325
.44-40 Win.	100	115	130
.450-400 N.E. 3"	250	288	325
.450-400 Mag. N.E. 3 1/4"	260	299	338
.45-70 Gvt.	200	230	260
.470 N.E.	220	253	286
.475 N° 2 N.E. 3 1/2"	245	282	319
.500 N.E. 3"	250	288	325
.500-465 N.E.	220	253	286
.577 N.E. 3"	220	253	286
.600 N.E.	220	253	286
.450 N.E. 3 1/4"	270	311	351
5,6 x 50 R Magnum	300	345	390

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES OF CARTRIDGES FOR RIFLED ARMS

A - RIMMED CARTRIDGES

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
.256 Win. Magnum	305	350	395
.280 Fl. N.E.	260	299	338
.30-30 Win.	280	322	364
.30 Sup. Fl. H & H.	280	322	364
.30 Fl. N.E. Purdey	280	322	364
.303 Savage	240	276	312
.310 Cadet Rifle	100	115	130
.32 Win. Sp.	270	311	351
.32-20 Win.	190	219	247
.348 Win.	280	322	364
.350 N° 2 Rigby	290	334	377
.351 Win. S.L.	320	368	416
.360 N.E. 2 1/4"	220	253	286
.369 N.E. Purdey	270	311	364
.375 Fl. Mag. N.E.	285	328	371
.400/350 N.E.	250	288	325
.44-40 Win.	100	115	130
.450-400 N.E. 3"	250	288	325
.450-400 Mag. N.E. 3 1/4"	260	299	338
.45-70 Gvt.	200	230	260
.470 N.E.	220	253	286
.475 N° 2 N.E. 3 1/2"	245	282	319
.500 N.E. 3"	250	288	325
.500-465 N.E.	220	253	286
.577 N.E. 3"	220	253	286
.600 N.E.	220	253	286
.450 N.E. 3 1/4"	270	311	351
5,6 x 50 R Magnum	300	345	390

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN
PATRONE VIR GROEFLOOPWAPENS

B - RANDLOSE PATRONE

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
5,6 x 61 S.E. v. H.	390	449	507
6,5 x 54 Mauser	270	311	351
6,5 x 54 M. Sch.	320	368	416
6,5 x 57	340	391	442
6,5 x 68	380	437	494
7 x 64	360	414	468
7 mm S.E. v. H.	380	437	494
8 x 56 M. Sch.	280	322	364
8 x 60 S	350	403	455
8 x 64 S	350	403	455
8 x 68 S	380	437	494
8 x 75 S	380	437	494
9 x 57	250	288	325
9,3 x 62	340	391	442
9,3 x 64 Brenn.	380	437	494
10,75 x 68	290	334	377
.22-250 Rem.	340	391	442
.220 Swift	370	425	481
.222 Rem.	340	391	442
.222 Rem Magnum	350	403	455
.223 Rem.	350	403	455
.243 Win.	360	414	468
.244 Rem.	365	420	474
.250 Savage	320	368	416
.256 Magnum Gibbs	300	345	390
.257 Roberts	310	357	403
.270 Win.	370	425	481

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES OF CARTRIDGES FOR RIFLED ARMS

B - RIMLESS CARTRIDGES

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
5,6 x 61 S.E. v. H.	390	449	507
6,5 x 54 Mauser	270	311	351
6,5 x 54 M. Sch.	320	368	416
6,5 x 57	340	391	442
6,5 x 68	380	437	494
7 x 64	360	414	468
7 mm S.E. v. H.	380	437	494
8 x 56 M. Sch.	280	322	364
8 x 60 S	350	403	455
8 x 64 S	350	403	455
8 x 68 S	380	437	494
8 x 75 S	380	437	494
9 x 57	250	288	325
9,3 x 62	340	391	442
9,3 x 64 Brenn.	380	437	494
10,75 x 68	290	334	377
.22-250 Rem.	340	391	442
.220 Swift	370	425	481
.222 Rem.	340	391	442
.222 Rem Magnum	350	403	455
.223 Rem.	350	403	455
.243 Win.	360	414	468
.244 Rem.	365	420	474
.250 Savage	320	368	416
.256 Magnum Gibbs	300	345	390
.257 Roberts	310	357	403
.270 Win.	370	425	481

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN
PATRONE VIR GROEFLOOPWAPENS

B - RANDLOSE PATRONE

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
.275 H.V. Rigby	285	328	371
.280 Rem.	350	403	455
.280 Rim N.E. Ross	285	328	371
.284 Win.	380	437	494
.30 Rem.	250	288	325
.300 Savage	320	368	416
.318 Rim N.E.	290	334	377
.32 Rem.	260	299	338
.333 Rim. N.E.	290	334	377
.35 Rem.	245	282	319
.350 Magnum Rigby	275	317	358
.358 Win.	350	403	455
.404 Rim. N.E.	320	368	416
.416 Rigby	285	328	371
.444 Marlin	310	357	403
.505 Magnum Gibbs	240	276	312

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN
PATRONE VIR GROEFLOOPWAPENS

C - BANDPATRONE "MAGNUM" VSA

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
.264 Win. Magnum	370	425	480
7 mm Rem. Magnum	370	425	480
.300 H & H Magnum	370	425	480
.338 Win. Magnum	370	425	480
.350 Rem. Magnum	370	425	480
.375 H & H Magnum	370	425	480
.458 Win. Magnum	370	425	480

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES
OF CARTRIDGES FOR RIFLED ARMS

B - RIMLESS CARTRIDGES

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
.275 H.V. Rigby	285	328	371
.280 Rem.	350	403	455
.280 Rim N.E. Ross	285	328	371
.284 Win.	380	437	494
.30 Rem.	250	288	325
.300 Savage	320	368	416
.318 Rim N.E.	290	334	377
.32 Rem.	260	299	338
.333 Rim. N.E.	290	334	377
.35 Rem.	245	282	319
.350 Magnum Rigby	275	317	358
.358 Win.	350	403	455
.404 Rim. N.E.	320	368	416
.416 Rigby	285	328	371
.444 Marlin	310	357	403
.505 Magnum Gibbs	240	276	312

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES
OF CARTRIDGES FOR RIFLED ARMS

C - BELTED CARTRIDGES "MAGNUM" USA

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
.264 Win. Magnum	370	425	480
7 mm Rem. Magnum	370	425	480
.300 H & H Magnum	370	425	480
.338 Win. Magnum	370	425	480
.350 Rem. Magnum	370	425	480
.375 H & H Magnum	370	425	480
.458 Win. Magnum	370	425	480

AANHANGSEL 3.

NOMINALE MAKSIMUM TOELAATBARE DRUK VAN PATRONE
VIR GROEFLOOPWAPENS

D - PATRONE VIR REWOLWERS EN OUTOMATIESE PISTOLE

Patroonaanwysing	Druk in MPa		
	kommersieel		proef
	P maks.	1,15 P maks.	1,3 P maks.
.22 Rem. Jet	280	322	364
6,35 mm Browning	130	150	169
.32 Short Colt	110	127	143
.32 Long Colt	110	127	143
.32 S & W Long Colt NP	100	115	130
.32 S & W	100	115	130
.357 Magnum	320	368	416
.38 Long Colt	100	115	130
.38 S & W et Colt NP	120	138	156
.38 Special	150	173	195
.38 Super Auto	250	288	325
.380 Auto.	140	161	182
.41 Long Colt	100	115	130
.44 S & W Russian	100	115	130
.44 S & W Special	100	115	130
.44 Rem. Magnum	280	322	364
.45 Colt	120	138	156
.45 Auto. Rim.	120	138	156
7,65 mm	160	184	208

AANHANGSEL 4. APPARAAT VIR DIE MEET VAN KAMERDRUK

Apparaat vir die meet van die kamerdruk van proefammunisie moet onderwerp word aan twee proefskote met patrone wat 'n druk lewer wat 50 % hoër is as die maksimum wat die kommersiële patroon vir die besondere tipe loop lewer.

APPENDIX 3. NOMINAL MAXIMUM ADMISSIBLE PRESSURES OF CARTRIDGES FOR RIFLED ARMS

D - CARTRIDGES FOR REVOLVERS AND AUTOMATIC PISTOLS

Designation of cartridge	Pressure in MPa		
	commercial		proof
	P max.	1,15 P max.	1,3 P max.
.22 Rem. Jet	280	322	364
6,35 mm Browning	130	150	169
.32 Short Colt	110	127	143
.32 Long Colt	110	127	143
.32 S & W Long Colt NP	100	115	130
.32 S & W	100	115	130
.357 Magnum	320	368	416
.38 Long Colt	100	115	130
.38 S & W et Colt NP	120	138	156
.38 Special	150	173	195
.38 Super Auto	250	288	325
.380 Auto.	140	161	182
.41 Long Colt	100	115	130
.44 S & W Russian	100	115	130
.44 S & W Special	100	115	130
.44 Rem. Magnum	280	322	364
.45 Colt	120	138	156
.45 Auto. Rim.	120	138	156
7,65 mm	160	184	208

APPENDIX 4 - APPARATUS FOR MEASURING FIRE-PRESSURE

Apparatus for measuring the fire-pressure of proof ammunition shall be subjected to the test firing of two cartridges developing a pressure 50 % greater than the maximum produced by the commercial cartridge for the particular type of barrel.

INHOUD**Nywerheidswese, Departement van
Goewermentskennisgewing**

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