



VECTAN[®]

POUDRES

& PASSIONS

**TABLES DE
RECHARGEMENT**
RELOADING DATA



speer™ **CCI**® **RCBS**®

FEDERAL®
AMMUNITION

GAMMES DE POUDRES VECTAN POUR LE TIR

Les poudres de tir VECTAN se déclinent en 4 gammes et couvrent toutes les applications de rechargement de poing et d'épaule.

VECTAN Ba10, Ba9 1/2, Ba9, Ba7 1/2, Ba6 1/2

Poudres simple base poreuses, en bâtonnets.

La gamme a été complétée des indices Ba9 1/2, Ba7 1/2, et Ba6 1/2.

Les poudres Ba sont particulièrement adaptées au chargement des munitions d'armes de poing. Toutes les poudres de la gamme ont maintenant des dimensions identiques et sont d'une propreté impeccable.

La Ba9 1/2 : cette nouvelle poudre s'intercale entre nos indices traditionnels Ba10 et Ba9. Elle couvre une large gamme de calibres et convient parfaitement en terme de vivacité aux calibres 9 x 19mm, .38 Super Auto, .38 Special, .357 Magnum, .40 Smith & Wesson, .44S&W Spécial, .44 RM, .45 ACP, .45 Colt.

La Ba7 1/2 : créée pour étoffer les possibilités de chargement et donne d'excellents résultats dans les calibres 9 mm Luger, 10 mm Auto, et .45ACP.

La Ba6 1/2 : c'est la poudre la plus lente de la gamme. Elle a été spécialement conçue pour couvrir les calibres d'armes de poing MAGNUM. Elle est aussi parfaitement adaptée pour le chargement de petits calibres d'armes d'épaule comme le .22 HORNET et les calibres .30

VECTAN Tubal 3000, 5000, 7000, 8000

Poudres simple base tubulaires listées en vivacité décroissante particulièrement adaptées pour les munitions d'armes d'épaule.

VECTAN Sp 2, Sp 3, Sp 7, Sp 8, Sp 9, Sp 10, Sp 11, Sp 12, Sp 13

Poudres double base, sphériques, ou sphériques écrasées, adaptées pour les munitions d'armes d'épaule et de poing.

VECTAN A1, AS, AO

Poudres simple base en paillettes pour chargement munitions arme de poing et chargement d'arme d'épaule.

VECTAN RANGE OF SHOOTING POWDERS

VECTAN powders cover all the applications of pistol and rifle reloading and are proposed in four different ranges :

VECTAN Ba10, Ba9 1/2, Ba9, Ba7 1/2, Ba6 1/2

Powders single base in stick. This range is now completed with Ba9 1/2, Ba7 1/2 and Ba6 1/2.

This range is particularly adapted for handgun reloading. All the powders of this range are absolutely clean burning and have now the same dimension.

Ba9 1/2 : this new powder between our traditional Ba10 and Ba9 covers a wide range of calibers and is perfectly adapted to the 9 x 19mm, .38 Super Auto, .38 Special, .357 Mag., .40S&W, .44S&W Special, .44 Remington Magnum, .45ACP, .45 Colt

Ba7 1/2 : created to extend reloading possibilities. It gives excellent results for 9mm Luger, 10mm Auto, and .45ACP

Ba6 1/2 : it is the slowest powder of this range. It was specially designed for handguns Magnum ; it is also perfectly adapted to reload small rifle calibers such as .22 HORNET and .30 calibers.

VECTAN Tubal 3000, 5000, 7000, 8000

Tubular, single base powders, listed here above by decreasing burning rate order from the fastest to the slowest. Vectan Tubal powders are designed for rifles.

VECTAN Sp 2, Sp 3, Sp 7, Sp 8, Sp 9, Sp 10, Sp 11, Sp 12, Sp 13

All the powders of this range are spherical or flattened grain double base powders. They are intended for handgun for the fastest types and for rifle for the slowest types.

VECTAN A1, AS, AO

Single base flake powders with color identification, intended for handgun use and some rifle applications.

CLASSEMENT INDICATIF DES POUDRES PAR ORDRE DE VIVACITÉ RELATIVE DÉCROISSANTE

POWDER INDICATIVE BURNING RATE CHART

| VECTAN | ACCURATE | LOVEX | ALLIANT | HODGDON | IMR | NORMA | RAMSHOT | PRB | ROTTWEIL | WINCHESTER | VIHTAVUORI |
|----------|-----------|--------|--------------|-----------------|-----------|---------|--------------|---------|----------|-------------|------------|
| | | | | Titewad | | | | | | WFL | |
| Ba 10 | | | Bullseye | | | | | | P 805 | | N 310 |
| | | S011 | | Clays | | | | | | WST | |
| Ba 9 1/2 | Solo 1000 | | Red Dot | International | 700 X | | | | P 801 | WSH | N 320 |
| AS | No. 2 | D032 | Am. Select | Tite Group | Trailboss | | Zip | | | | |
| | | | Green Dot | HP 38 | PB | | | | | WC 231 | N 32 C |
| | No. 5 | D036 | | | SR 7625 | | | | | AutoComp | |
| A1 | | | | | | | | | P 804 | | N 330 |
| Ba 9 | | | Unique | Universal Cl | | | | | | WSF | |
| | | | Power Pistol | HS 6 | | | | | P 803 | | N 340 |
| A0 | | | Herc | Long Shot | 800 X | | True Blue | PCL 504 | | | 3 N 37 |
| Ba 7 1/2 | No. 7 | D037.1 | | | SR 4756 | | | | | | N 350 |
| SP 2 | | | Blue Dot | | | | | | P 806 | | 3 N 38 |
| | No. 9 | D037.2 | Steel | | SR 4759 | | | | | | N 105 |
| Ba 6 1/2 | | | | H 110 | | | Enforcer | PCL 512 | | WC 296 | N 110 |
| | XMP 5744 | D060 | 2400 | | | | | | | | |
| SP 3 | | | | | IMR 4227 | | | | | | |
| | AA 1680 | D063 | | Lil gun | | | | | R 910 | | |
| | | | Reloder 7 | H 4198 | IMR 4198 | N 200 | | | | | N 120 |
| SP 10 | XMR 2015 | S060 | | H 322 | | | | PCL 508 | R 901 | | |
| | AA 2230 | D073.4 | | Benchmark | IMR 3031 | | | | | | |
| | AA 2460 | D073.5 | | H 335 | | N 201 | X-Terminator | | R 902 | | N 130 |
| TU 3000 | | | | H 4895 | 8208 XBR | | TAC | | | | N 530 |
| | | | | Varget | | N 202 | | | | WC 748 | N 133 |
| SP 9 | AA 2520 | D073.6 | | BL-C(2) | IMR 4895 | | Wild Boar | PCL 507 | | | |
| | | | | CFE 223 | IMR 4064 | | | | R 903 | | N 135 |
| | | | Reloder 15 | Leverrevolution | IMR 4320 | N 203 B | | | | | N 140 |
| SP 11 | | | | H 380 | | | | PCL 516 | | | N 540 |
| SP 7 | | | | | | | | | R 907 | | |
| Tu 5000 | | | | | | URP | Big Game | PCL 511 | | | N 150 |
| | | | Reloder 17 | H 414 | | | | | | WC 760 | N 550 |
| TU 7000 | AA 4350 | S070 | | H 4350 | 4350 | N 204 | | | R 904 | | |
| | | | Reloder 19 | Hybrid 100V | | | | | | | N160 |
| SP 12 | AA 3100 | | | H 4831 SC | 4831 | | | | | | N560 |
| TU 8000 | | | | H 4831 | | | | | R 905 | | |
| | | | Reloder 22 | Superformance | | MRP | | | | Supreme 780 | N 165 |
| | | | | | 7828 | MRP 2 | | | | | |
| | | | Reloder 25 | | 7828 SSC | N 217 | | | | | |
| | | | | H 1000 | | | Magnum | PCL 517 | | | |
| | | | | Retumbo | | | | | | | N170 |
| SP 13 | | | | | | | | PCL 520 | | | N 570 |
| | | | | H 50 BMG | | | | | | | 24 N 41 |
| | | | | US 869 | | | | | | | 20 N 29 |
| VECTAN | ACCURATE | LOVEX | ALLIANT | HODGDON | IMR | NORMA | RAMSHOT | PRB | ROTTWEIL | WINCHESTER | VIHTAVUORI |

NE PAS UTILISER POUR LE CALCUL DES CHARGES D'EMPLOI / FOR REFERENCE ONLY - PLEASE DO NOT USE IT FOR LOADS CALCULATION

CONSEILS D'UTILISATION ET PRÉCAUTIONS D'EMPLOI

Avant de commencer à recharger, veuillez lire attentivement et garder en mémoire, les principes de base ci-dessous. Le soin et l'attention que vous porterez aux détails seront un gage de sécurité et de qualité.

Porter des lunettes de protection.

Votre plan de travail doit être propre et ordonné. Nettoyer au fur et à mesure la poudre répandue. Ne pas utiliser d'aspirateur.

Prélever dans le bidon uniquement la quantité de poudre nécessaire au chargement en cours.

Afin d'éviter les doubles charges, contrôler visuellement le niveau de la poudre dans l'étui.

Ne pas conserver de déchets et/ou mélanges de poudre.

Ne commencez jamais par la charge la plus forte. Démarrer le chargement par la charge la plus faible.

Développer vos charges en augmentant graduellement pour arriver à la charge souhaitée. En aucun cas ne dépasser la charge maximum ; une seule cartouche par charge suffit.

Numéroter vos cartouches et, une fois au stand, tirez-les dans l'ordre des numéros, dans l'ordre de la progression des charges de poudre.

Vous identifierez plusieurs paliers dans cette série : les vitesses ne progressent plus et/ou les impacts se rapprochent les uns des autres.

Relevez toutes les vitesses.

Prenez toujours avec soin la même visée, notez sur une seconde cible, l'emplacement des impacts en les numérotant. Selon l'usage auxquels vous destinez vos rechargements, choisissez le chargement correspondant au centre d'un de ces paliers.

Il peut arriver que la charge maximum qui figure dans la table soit trop importante pour votre arme.

Vous devez utiliser un chronographe électronique dans toute la mesure du possible. Il y a un rapport étroit entre la vitesse et la pression.

Si vous changez un seul des composants des chargements (amorce, marque ou type de la douille, marque de la balle, type ou poids) vous devez absolument appliquer les règles ci-dessus exactement comme si vous mettiez au point un nouveau chargement.

Examinez chaque étui après chaque tir, mesurez les et remettez les à la longueur maximal de la douille. Assurez-vous qu'aucun signe de pression excessive n'apparaît (difficulté d'extraction, amorce percée ou aplatie, recul anormal de l'arme)

C'est seulement alors que vous pourrez commencer à régler l'enfoncement de la balle jusqu'à obtenir les meilleurs groupements.

IMPORTANT : les données sont fournies à titre d'information et ne sauraient constituer une recommandation ou une préconisation.

Ces charges sont sûres dans l'arme ou les armes employées pour ces essais ; cela ne signifie en rien qu'il puisse en être de même dans une autre arme, quelles qu'en soient la marque ou la provenance. De même, toutes variations d'armes ou de composants peuvent procurer des résultats très différents voire même parfois dangereux. Dans la mesure où il leur est impossible d'exercer le moindre contrôle de l'arme, des composants, ou des méthodes mis en œuvre, Nobel Sport et/ou ses distributeurs ne sauraient accepter quelque responsabilité que ce soit, et ce quel que soient les incidents ou accidents, matériels ou corporels, directs ou indirects auxquels l'utilisateur ou tout autre personne pourrait être exposé.

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Les données chiffrées dans ces tables ont été déterminées par nos techniciens selon les normes CIP et représentent des chargements possibles avec les éléments utilisés en laboratoire.

Les résultats obtenus sont fonction des éléments utilisés (amorce, étui, balle), de l'arme et des conditions atmosphériques et peuvent varier notablement.

En conséquence, nous dégageons toute responsabilité en cas d'incident ou d'accident qui pourraient survenir du fait de l'utilisation de ces tables

COMPOSANTS : à l'exception de la poudre Vectan, les composants cités ne sont pas fabriqués par nous-mêmes. Il est possible que les caractéristiques de ces éléments changent sans que nous en soyons informés, modifiant ainsi les performances balistiques.

CHARGE EN GRAMME : c'est la charge qui nous a donné un rapport vitesse/pression correct lors de notre essai. Attention ! Exclusivement avec les éléments désignés. Cette charge donne une bonne approximation, mais elle ne sera pas forcément la charge idéale avec d'autres éléments.

CHARGE MINIMUM : il est essentiel que le rechargeur commence par la charge minimum, et augmente progressivement jusqu'à arriver à la charge idéale. Le débutant utilisera cette charge de base jusqu'à ce qu'il ait acquis suffisamment d'expérience. Ne pas non plus descendre trop en dessous de cette charge.

PRESSION MAXIMUM CIP : la Commission Internationale Permanente a déterminé pour chaque type d'arme, la pression moyenne maximum admissible que peut développer une série de cartouches de cette arme.

Pour tous chargements, nous vous conseillons de faire tester vos cartouches dans un laboratoire balistique agréé.

Pour tout autre information, consultez notre site web : www.vectan.fr

RÈGLES D'HYGIÈNE ET DE SÉCURITÉ

- Conserver la poudre dans un endroit frais, sec, bien ventilé
- Eloigner de tout produit inflammable
- La poudre doit être conservée dans son emballage d'origine
- Le stockage et la manipulation doivent être éloignés de toute source électrique
- Garder la poudre hors de la portée des enfants
- Ne pas ingérer
- Ne pas mélanger différentes vivacités et/ou types de poudres
- Ne pas fumer sur les lieux du stockage et de rechargement
- Respecter les règles et législation en vigueur dans votre pays concernant les quantités d'achat et de stockage.

LOADING DATA AND RELOADING SAFETY

Before you start reloading, read carefully the safety rules hereunder and keep it in mind. You will be on the safe side and be ensured of the good quality of your work.

Wear proper eye protection.

Pour out only the powder quantity needed for immediate reloading work.

Keep your reloading bench in good order. Clean up spilled powder. Do not use a vacuum cleaner.

In order to avoid double powder charge, please check visually the powder level in the cases.

Do not keep old or salvaged powders.

Never start with the maximum powder load indication

Never exceed the maximum powder load indication.

Start reloading with the minimum powder charge indication and then slowly increase the powder charge up to the ideal one.

One cartridge for each step is enough.

Never exceed the maximum cartridge length shown in the table

Make sure you work from cases you have numbered legibly with a permanent marker.

Once at a shooting range, fire the cartridges in the same order, starting from the lightest powder charge, using a solid rest.

You will probably identify several points where velocity is approximately identical and impacts group closer to one another.

By all means use a reliable electronic chronograph and record all velocities.

Velocities and pressures are closely related.

Always use the same point of aim from the same solid firearm old.

Mark on a separate target the exact point of impact and number them.

Depending of the intended use of your handloads, select the proper load – velocity- accuracy. Point in your records

If you change one single component (primer, case brand or types, bullet brand, type or weight), you must start all over again and work up exactly as you would do when loading a new caliber for a new gun.

Closely inspect all cases immediately after firing, measure cases if you feel pressure could be high. Always keep a watchful eye on pressure signs (difficult extraction, flattened or blown primers and unusual recoil). In rifle cartridges, you will be able to start looking for an accurate load by adjusting bullet seating depth etc. only once you have identified the proper charge of the proper powder.

IMPORTANT : The loading data supplied herein are offered only as information and cannot be considered as a recommendation. These data have been considered safe in the firearm(s) in which they were developed. This does not mean they will be safe in your own firearm, whatever its age, brand or origin. For the same reason, any variation in firearm(s) or components might bring very different and possibly unsafe results. As they have no control over the data user's gun, components, dies and methods Nobel Sport as well as distributors cannot accept any responsibility whatsoever in whatever incidents or accidents (material, psychological or physical, direct or indirect) to which the user of these data or any other person might be exposed. The simple fact of using, either directly or indirectly, the data supplied implies complete, full and informed acceptance of the above conditions and ipso facto discharges both Nobel Sport as well as distributors of any and all responsibility. Reproduction of these data in print or by any other means including computer or internet files is subject to prior approval in writing.

The loading data tables have been prepared in the Nobel Sport laboratories according to CIP Rules. Loads shown have been reached with the components used in their development and were fired in proof barrels under carefully controlled conditions. The end user might reach very different results due to handloading methods, procedures, components and tools, the actual firearm used and climatic variations.

As they can exercise no control whatsoever on the above, Nobel Sport disclaims any responsibility for any incident or accident resulting from the use of their powders and recommended loading data.

COMPONENTS : Nobel Sport only produces the powders used in these tables. Components listed in these tables were acquired on the open market and are produced outside of Nobel Sport' control. Any change in components will result in changes in the ballistic performance of handloaded ammunition. All information supplied is only indicative and possibly will not reflect actual performance in the field

CHARGE WEIGHTS : whether they are listed in grams or grains, the loads listed gave good results both pressure-wise and velocity-wise under laboratory conditions with the components listed. Actual field results using other components may and will generally be different.

HANDLOADING PROCEDURES : it is essential that the reloader starts with the minimum load and gradually increases until reaching the ideal load. Beginners are urged to stay with minimum loads until they have gathered enough experience, both in shooting techniques and handloading techniques.

MAXIMUM CIP PRESSURES : C.I.P. is an international, independent normative body. CIP has established maximum mean allowable pressures for nearly every cartridge currently chambered in commercial firearms.

We advise powder purchasers to endeavour to have their handloads tested by one of the CIP laboratories.

You will find all further information on our website : www.vectan.fr

SAFETY AND HEALTH PRECAUTIONS

- Store in a cool, self-ventilated and dry place.
- Keep away from electrical devices that could produce sparks during storage and handling
- Keep away from combustible or flammable liquids
- The powder must be stored in its original packing
- Keep powder out of reach of children
- Do not take internally
- Do not mix different type and /or burning rate of powders
- Do not smoke where powder is stored and where you are loading it.
- Follow all regulations and legislation regarding purchase and storage in your country.

ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

6,35 BROWNING (25 AUTO) (25 ACP)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|--------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-----|
| 3,24 | 50 | FMJ-RN | Small Pistol | A1 | 0,06 | 0,9 | 134 | 440 | 0,08 | 1,2 | 155 | 508 |
| 3,30 | 51 | HR-NP | Small Pistol | Ba10 | 0,03 | 0,5 | 143 | 494 | 0,04 | 0,6 | 165 | 541 |
| | | | | AS | 0,04 | 0,6 | 148 | 469 | 0,05 | 0,8 | 165 | 541 |
| | | | | A1 | 0,06 | 0,9 | 160 | 525 | 0,08 | 1,2 | 185 | 606 |

7,62 x 25 TOKAREV

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|-----|--------------|------------------------|------|-----|-----|---|------|-----|-----|-------|
| 3,90 | 60 | HP | Large Pistol | Ba9 1/2 | 0,29 | 4,5 | 431 | 1 424 | 0,36 | 5,5 | 480 | 1 574 |
| 4,60 | 71 | FMJ | Large Pistol | Ba9 | 0,37 | 5,7 | 468 | 1 535 | 0,46 | 7,1 | 522 | 1 713 |
| 4,80 | 74 | FMJ | Large Pistol | Ba9 | 0,34 | 5,2 | 425 | 1 382 | 0,43 | 6,7 | 478 | 1 569 |
| 5,80 | 90 | JHC | Large Pistol | Ba9 | 0,34 | 5,2 | 419 | 1 372 | 0,43 | 6,6 | 471 | 1 546 |
| 6,00 | 93 | FMJ | Large Pistol | Ba9 | 0,30 | 4,6 | 365 | 1 194 | 0,37 | 5,7 | 405 | 1 329 |
| | | | | Ba9 | 0,31 | 4,8 | 358 | 1 187 | 0,39 | 5,9 | 401 | 1 316 |

7,63 mm MAUSER OU .30 MAUSER

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|--------------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-------|
| 6,00 | 93 | SAKO n°101 C | Small Pistol | SP2 | 0,40 | 6,2 | 405 | 1 333 | 0,5 | 7,7 | 453 | 1 486 |
| | | | | SP2 | 0,42 | 6,5 | 441 | 1 451 | 0,52 | 8,0 | 491 | 1 610 |
| | | | | SP2 | 0,44 | 6,8 | 463 | 1 521 | 0,55 | 8,5 | 518 | 1 700 |

7,65 BROWNING (32 AUTO) (32 ACP)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-----|
| 4,39 | 67 | HR-P | Small Pistol | Ba10 | 0,06 | 0,9 | 204 | 668 | 0,08 | 1,2 | 235 | 771 |
| | | | | AS | 0,10 | 1,5 | 256 | 838 | 0,12 | 1,8 | 280 | 918 |
| 5,00 | 77 | FMJ | Small Pistol | Ba10 | 0,08 | 1,2 | 219 | 718 | 0,10 | 1,5 | 245 | 803 |
| | | | | A1 | 0,13 | 2,0 | 261 | 868 | 0,16 | 2,4 | 290 | 951 |
| | | | | AS | 0,08 | 1,2 | 210 | 690 | 0,10 | 1,5 | 235 | 771 |

7,65 LONG (FRANÇAIS)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|-----|--------------|------------------------|------|-----|-----|---|------|-----|-----|-------|
| 6,00 | 93 | FMJ | Small Pistol | SP2 | 0,28 | 4,3 | 268 | 878 | 0,35 | 5,4 | 300 | 984 |
| | | | | SP2 | 0,30 | 4,6 | 329 | 1 075 | 0,37 | 5,7 | 365 | 1 197 |

.32 SMITH & WESSON Long NP

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|---------------------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-----|
| 4,39 | 67 | LYNX coulé HR-P 801 | Small Pistol | Ba10 | 0,06 | 0,9 | 178 | 1 840 | 0,08 | 1,2 | 205 | 672 |
| 6,00 | 93 | LYMAN coulé 313-492 | Small Pistol | Ba10 | 0,06 | 0,9 | 178 | 582 | 0,08 | 1,2 | 205 | 672 |
| 6,16 | 95 | LYMAN coulé 313-226 | Small Pistol | AS | 0,12 | 1,9 | 197 | 655 | 0,15 | 2,3 | 220 | 721 |
| | | | | Ba9 | 0,18 | 2,8 | 177 | 587 | 0,23 | 3,5 | 200 | 656 |

.32 SMITH & WESSON Long Wadcutter

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|----|-------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-----|
| 6,20 | 96 | HR-WC | Small Pistol | Ba10 | 0,06 | 0,9 | 167 | 560 | 0,07 | 1,0 | 180 | 590 |
| | | | | Ba10 | 0,06 | 0,9 | 165 | 540 | 0,08 | 1,2 | 190 | 623 |
| | | | | Ba10 | 0,08 | 1,2 | 206 | 674 | 0,10 | 1,5 | 230 | 754 |
| 6,35 | 98 | WC | Small Pistol | Ba10 | 0,06 | 0,9 | 167 | 560 | 0,07 | 1,0 | 180 | 590 |
| | | | | Ba10 | 0,07 | 1,1 | 194 | 663 | 0,09 | 1,3 | 220 | 721 |
| | | | | A1 | 0,06 | 0,9 | 156 | 511 | 0,08 | 1,2 | 180 | 590 |
| | | | | Ba10 | 0,06 | 0,9 | 191 | 624 | 0,08 | 1,2 | 220 | 721 |

9 mm PARABELLUM (9 Luger) (9 x 19)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|------|-----|--------|--------------|------------------------|------|-----|-----|---|------|-----|-----|-------|
| 5,70 | 88 | JHP | Small Pistol | AS | 0,22 | 3,4 | 352 | 1 165 | 0,27 | 4,1 | 390 | 1 279 |
| | | | | A1 | 0,28 | 4,3 | 394 | 1 288 | 0,35 | 5,4 | 440 | 1 443 |
| | | | | Ba9 | 0,26 | 4,0 | 352 | 1 144 | 0,32 | 5,0 | 390 | 1 279 |
| 5,80 | 90 | HP-XTF | Small Pistol | Ba10 | 0,22 | 3,4 | 347 | 1 134 | 0,27 | 4,2 | 384 | 1 260 |
| | | | | Ba9 1/2 | 0,27 | 4,2 | 375 | 1 228 | 0,34 | 5,3 | 421 | 1 380 |
| | | | | Ba9 | 0,31 | 4,8 | 391 | 1 277 | 0,39 | 6,1 | 439 | 1 440 |
| | | | | Ba9 1/2 | 0,38 | 5,9 | 410 | 1 354 | 0,47 | 7,2 | 456 | 1 496 |
| 6,48 | 100 | JRP | Small Pistol | Ba9 | 0,24 | 3,7 | 331 | 1 088 | 0,30 | 4,6 | 370 | 1 213 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | | |
|---|-------|----------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] | |
| 9 mm PARABELLUM (9 Luger) (9 x 19) | | | | | | | | | | | | |
| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 19,15 | | |
| | | | | | | | | PRESSION/PRESSURE (bar) | | 1350 | | |
| 6,50 | 100 | HP | Small Pistol | Ba9 1/2 | 0,26 | 4,0 | 353 | 1 157 | 0,33 | 5,1 | 398 | 1 307 |
| | | | | Ba9 | 0,30 | 4,6 | 370 | 1 205 | 0,38 | 5,9 | 416 | 1 365 |
| 7,45 | 115 | FMJ | Small Pistol | Ba9 | 0,29 | 4,5 | 320 | 1 049 | 0,36 | 5,6 | 356 | 1 170 |
| | | | | SP8 | 0,35 | 5,4 | 321 | 1 052 | 0,44 | 6,8 | 360 | 1 180 |
| 7,50 | 116 | FN | Small Pistol | Ba9 | 0,30 | 4,6 | 311 | 1 022 | 0,38 | 5,8 | 350 | 1 148 |
| | | | | Ba9 1/2 | 0,23 | 3,5 | 322 | 1 048 | 0,29 | 4,5 | 362 | 1 188 |
| 7,50 | 115 | HP-XTP | Small Pistol | Ba9 | 0,28 | 4,3 | 341 | 1 116 | 0,35 | 5,4 | 381 | 1 251 |
| | | | | Ba7 1/2 | 0,34 | 5,2 | 356 | 1 171 | 0,42 | 6,4 | 396 | 1 299 |
| | | | | Ba9 1/2 | 0,22 | 3,4 | 308 | 1 001 | 0,28 | 4,4 | 347 | 1 139 |
| 7,50 | 115 | RN | Small Pistol | Ba9 | 0,26 | 4,0 | 320 | 1 049 | 0,33 | 5,1 | 361 | 1 185 |
| | | | | Ba7 1/2 | 0,33 | 5,1 | 351 | 1 144 | 0,41 | 6,4 | 391 | 1 282 |
| | | | | Ba9 1/2 | 0,22 | 3,4 | 296 | 975 | 0,28 | 4,3 | 334 | 1 096 |
| 8,00 | 124 | FMJ-FP | Small Pistol | Ba9 | 0,27 | 4,2 | 320 | 1 059 | 0,34 | 5,2 | 359 | 1 178 |
| | | | | Ba7 1/2 | 0,31 | 4,8 | 330 | 1 086 | 0,39 | 6,0 | 370 | 1 214 |
| 8,00 | 124 | TMJ | Small Pistol | SP2 | 0,40 | 6,2 | 313 | 1 030 | 0,50 | 7,7 | 350 | 1 148 |
| | | | | SP2 | 0,42 | 6,5 | 328 | 1 082 | 0,52 | 8,0 | 365 | 1 200 |
| 8,04 | 124 | TMJ | Small Pistol | Ba9 | 0,26 | 4,0 | 279 | 910 | 0,32 | 5,0 | 310 | 1 017 |
| | | | | Ba10 | 0,12 | 1,9 | 241 | 804 | 0,15 | 2,3 | 270 | 885 |
| | | | | AS | 0,16 | 2,5 | 268 | 898 | 0,2 | 3,0 | 300 | 984 |
| | | | | A1 | 0,18 | 2,8 | 280 | 923 | 0,22 | 3,4 | 310 | 1 017 |
| | | | | Ba9 | 0,22 | 3,4 | 293 | 962 | 0,28 | 4,3 | 330 | 1 082 |
| 8,10 | 125 | LYMAN coulé 356402 | Small Pistol | Ba9 | 0,25 | 3,9 | 282 | 928 | 0,31 | 4,8 | 314 | 1 030 |
| | | | | SP8 | 0,30 | 4,6 | 266 | 866 | 0,38 | 5,9 | 299 | 981 |
| 8,10 | 125 | RN-PB | Small Pistol | SP8 | 0,34 | 5,2 | 329 | 1 077 | 0,43 | 6,6 | 370 | 1 213 |
| 8,10 | 125 | FMJ | Small Pistol | AS | 0,20 | 3,1 | 286 | 947 | 0,25 | 3,8 | 320 | 1 049 |
| 8,10 | 125 | LYNX HR coulé n°P900 | Small Pistol | Ba9 1/2 | 0,21 | 3,2 | 287 | 936 | 0,26 | 4,0 | 319 | 1 046 |
| | | | | Ba9 | 0,23 | 3,5 | 297 | 965 | 0,29 | 4,5 | 333 | 1 094 |
| | | | | Ba7 1/2 | 0,29 | 4,5 | 311 | 1 027 | 0,36 | 5,5 | 346 | 1 135 |
| 9,40 | 145 | LRN | Small Pistol | Ba9 | 0,20 | 3,1 | 273 | 903 | 0,25 | 3,8 | 305 | 1 000 |
| | | | | Ba7 1/2 | 0,24 | 3,7 | 285 | 929 | 0,30 | 4,7 | 319 | 1 047 |
| 9,52 | 147 | TMJ | Small Pistol | SP2 | 0,34 | 5,2 | 297 | 1 072 | 0,42 | 6,5 | 330 | 1 198 |
| 9 x 21 | | | | | | | | | | | | |
| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 21,00 | | |
| | | | | | | | | PRESSION/PRESSURE (bar) | | 2350 | | |
| 6,50 | 100 | HP | Small Pistol | Ba9 | 0,34 | 5,2 | 395 | 1 291 | 0,43 | 6,6 | 444 | 1 455 |
| | | | | Ba7 1/2 | 0,40 | 6,2 | 411 | 1 359 | 0,50 | 7,6 | 459 | 1 505 |
| 7,50 | 115 | FMJ | Small Pistol | Ba9 | 0,30 | 4,6 | 356 | 1 160 | 0,38 | 5,9 | 401 | 1 314 |
| | | | | Ba7 1/2 | 0,34 | 5,2 | 365 | 1 195 | 0,43 | 6,6 | 410 | 1 346 |
| 8,00 | 123 | FMJ | Small Pistol | Ba9 | 0,27 | 4,2 | 324 | 1 073 | 0,34 | 5,2 | 364 | 1 194 |
| | | | | Ba7 1/2 | 0,30 | 4,6 | 329 | 1 071 | 0,38 | 5,9 | 370 | 1 213 |
| 9,50 | 147 | HP-XTP | Small Pistol | Ba7 1/2 | 0,26 | 4,0 | 305 | 993 | 0,32 | 5,0 | 338 | 1 110 |
| .357 SIG | | | | | | | | | | | | |
| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 21,97 | | |
| | | | | | | | | PRESSION/PRESSURE (bar) | | 3050 | | |
| 6,20 | 95 | FMJ | Small Pistol | Ba9 | 0,47 | 7,3 | 454 | 1 496 | 0,58 | 8,9 | 504 | 1 652 |
| | | | | Ba7 1/2 | 0,53 | 8,2 | 464 | 1 531 | 0,66 | 10,1 | 518 | 1 699 |
| 7,50 | 115 | FMJ | Small Pistol | Ba9 | 0,40 | 6,2 | 402 | 1 322 | 0,50 | 7,7 | 449 | 1 473 |
| | | | | Ba7 1/2 | 0,45 | 6,9 | 412 | 1 352 | 0,56 | 8,6 | 460 | 1 509 |
| 8,00 | 123 | FMJ-RN | Small Pistol | Ba9 | 0,38 | 5,9 | 379 | 1 248 | 0,48 | 7,4 | 426 | 1 398 |
| | | | | Ba7 1/2 | 0,43 | 6,6 | 392 | 1 284 | 0,54 | 8,3 | 439 | 1 440 |
| | | | | SP2 | 0,50 | 7,7 | 358 | 1 175 | 0,63 | 9,7 | 402 | 1 319 |
| 8,10 | 125 | FMJ-FN | Small Pistol | SP2 | 0,52 | 8,0 | 379 | 1 243 | 0,65 | 10,0 | 424 | 1 390 |
| | | | | Ba9 | 0,37 | 5,7 | 367 | 1 203 | 0,46 | 7,1 | 409 | 1 343 |
| 8,50 | 130 | RN B | Small Pistol | Ba7 1/2 | 0,42 | 6,5 | 381 | 1 258 | 0,53 | 8,1 | 428 | 1 404 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

.38 SPÉCIAL WADCUTTER

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 29,34 1200 |
|-------|-----|-------------------------|--------------|------------------------|------|-----|-----|---|------|-----|-----|---------------|
| 9,40 | 145 | LYMAN Coulé 35-84-95 | Small Pistol | Ba10 | 0,12 | 1,9 | 197 | 655 | 0,15 | 2,3 | 220 | 721 |
| 9,40 | 145 | HN Plastifié BC dia.357 | Small Pistol | Ba10 | 0,12 | 1,9 | 197 | 655 | 0,15 | 2,3 | 220 | 721 |
| 9,52 | 147 | HN Plastifié BP dia.355 | Small Pistol | Ba10 | 0,12 | 1,9 | 188 | 626 | 0,15 | 2,3 | 210 | 689 |
| 9,60 | 148 | SPEER Bevel Base n°4605 | Small Pistol | Ba10 | 0,13 | 2,0 | 203 | 660 | 0,16 | 2,5 | 225 | 738 |
| 9,60 | 148 | WC-BC | Small Pistol | Ba10 | 0,12 | 1,9 | 197 | 655 | 0,15 | 2,3 | 220 | 721 |
| | | | | AS | 0,13 | 2,0 | 198 | 645 | 0,16 | 2,5 | 220 | 721 |
| 10,10 | 156 | LYNX coulé HR - P916 | Small Pistol | Ba10 | 0,12 | 1,9 | 192 | 641 | 0,15 | 2,3 | 215 | 705 |

.38 SPECIAL

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 29,34 1500 |
|-------|-----|----------------------------|--------------|------------------------|------|-----|-----|---|------|-----|-----|---------------|
| 7,10 | 110 | HP-XTP | Small Pistol | Ba9 1/2 | 0,32 | 4,9 | 347 | 1 140 | 0,40 | 6,1 | 388 | 1 272 |
| | | | | Ba9 | 0,36 | 5,6 | 345 | 1 141 | 0,45 | 6,9 | 386 | 1 267 |
| 8,10 | 125 | JSP-FN | Small Pistol | Ba7 1/2 | 0,40 | 6,2 | 356 | 1 171 | 0,50 | 7,7 | 398 | 1 305 |
| | | | | Ba9 | 0,34 | 5,2 | 292 | 953 | 0,42 | 6,5 | 325 | 1 066 |
| 8,10 | 125 | FPXTP | Small Pistol | Ba9 1/2 | 0,30 | 4,6 | 308 | 1 016 | 0,37 | 5,6 | 342 | 1 121 |
| | | | | Ba9 | 0,34 | 5,2 | 319 | 1 038 | 0,43 | 6,7 | 359 | 1 178 |
| 9,10 | 140 | HP | Small Pistol | Ba6 1/2 | 0,39 | 6,0 | 333 | 1 095 | 0,49 | 7,5 | 373 | 1 224 |
| | | | | Ba9 1/2 | 0,28 | 4,3 | 286 | 947 | 0,35 | 5,3 | 320 | 1 051 |
| 9,30 | 144 | SWC | Small Pistol | Ba7 1/2 | 0,36 | 5,6 | 301 | 993 | 0,45 | 6,9 | 336 | 1 102 |
| | | | | Ba10 | 0,19 | 2,9 | 245 | 799 | 0,24 | 3,7 | 275 | 902 |
| 9,30 | 144 | WC-BC | Small Pistol | AS | 0,19 | 2,9 | 227 | 740 | 0,24 | 3,7 | 255 | 836 |
| | | | | A1 | 0,26 | 4,0 | 243 | 792 | 0,32 | 5,0 | 270 | 885 |
| 9,50 | 146 | JHP | Small Pistol | Ba9 | 0,35 | 5,4 | 285 | 935 | 0,44 | 6,8 | 320 | 1 049 |
| | | | | Ba9 | 0,28 | 4,3 | 274 | 896 | 0,35 | 5,4 | 306 | 1 004 |
| 10,20 | 158 | NORMA Plomb RB-Base pleine | Small Pistol | Ba7 1/2 | 0,31 | 4,8 | 275 | 911 | 0,39 | 5,9 | 308 | 1 010 |
| | | | | Ba10 | 0,20 | 3,1 | 241 | 799 | 0,25 | 3,8 | 270 | 885 |
| 10,20 | 158 | JHP | Small Pistol | Ba9 | 0,30 | 4,6 | 267 | 876 | 0,38 | 5,8 | 300 | 984 |
| | | | | A1 | 0,26 | 4,0 | 252 | 821 | 0,32 | 5,0 | 280 | 918 |
| 10,20 | 158 | HP | Small Pistol | A0 | 0,32 | 4,9 | 275 | 895 | 0,40 | 6,2 | 307 | 1 007 |
| | | | | Ba9 | 0,27 | 4,2 | 241 | 795 | 0,34 | 5,2 | 270 | 885 |
| 10,20 | 158 | HP | Small Pistol | A1 | 0,28 | 4,3 | 241 | 790 | 0,35 | 5,4 | 270 | 885 |
| | | | | AS | 0,26 | 4,0 | 234 | 771 | 0,32 | 4,9 | 260 | 853 |
| 10,20 | 158 | RN | Small Pistol | Ba9 | 0,32 | 4,9 | 259 | 859 | 0,40 | 6,0 | 290 | 951 |
| | | | | A1 | 0,30 | 4,6 | 258 | 847 | 0,38 | 5,8 | 290 | 951 |
| 10,20 | 158 | LRN | Small Pistol | Ba10 | 0,20 | 3,1 | 243 | 795 | 0,25 | 3,9 | 272 | 892 |
| | | | | A0 | 0,32 | 4,9 | 261 | 852 | 0,40 | 6,2 | 292 | 958 |
| 10,20 | 158 | HR | Small Pistol | AS | 0,18 | 2,8 | 226 | 744 | 0,22 | 3,4 | 250 | 820 |
| | | | | Ba9 | 0,30 | 4,6 | 279 | 914 | 0,37 | 5,7 | 310 | 1 017 |
| 10,20 | 158 | HP | Small Pistol | Ba9 1/2 | 0,24 | 3,7 | 243 | 800 | 0,3 | 4,6 | 272 | 892 |
| | | | | Ba9 | 0,30 | 4,6 | 270 | 891 | 0,37 | 5,6 | 300 | 983 |
| 10,20 | 158 | HP | Small Pistol | Ba7 1/2 | 0,33 | 5,1 | 277 | 911 | 0,41 | 6,3 | 309 | 1 013 |
| | | | | Ba9 1/2 | 0,25 | 3,9 | 254 | 836 | 0,31 | 4,8 | 283 | 927 |
| 10,20 | 158 | FP | Small Pistol | Ba9 | 0,30 | 4,6 | 266 | 869 | 0,37 | 5,7 | 295 | 967 |
| | | | | Ba7 1/2 | 0,33 | 5,1 | 275 | 903 | 0,41 | 6,3 | 306 | 1 004 |

.38 SUPER AUTO

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 22,70 2300 |
|------|-----|--------|--------------|------------------------|------|-----|-----|---|------|-----|-----|---------------|
| 7,50 | 115 | HP-XTP | Small Pistol | Ba9 1/2 | 0,29 | 4,5 | 343 | 1 133 | 0,36 | 5,5 | 382 | 1 253 |
| | | | | Ba9 | 0,34 | 5,2 | 363 | 1 184 | 0,42 | 6,5 | 404 | 1 324 |
| | | | | Ba7 1/2 | 0,33 | 5,1 | 346 | 1 139 | 0,41 | 6,3 | 386 | 1 266 |
| 7,50 | 115 | FMJ | Small Pistol | Ba7 1/2 | 0,44 | 6,8 | 393 | 1 287 | 0,55 | 8,5 | 439 | 1 439 |
| 7,50 | 115 | RN | Small Pistol | Ba9 1/2 | 0,27 | 4,2 | 335 | 1 107 | 0,34 | 5,2 | 376 | 1 232 |
| | | | | Ba9 | 0,34 | 5,2 | 363 | 1 185 | 0,42 | 6,5 | 404 | 1 325 |
| 7,50 | 115 | RN | Small Pistol | Ba7 1/2 | 0,38 | 5,9 | 367 | 1 218 | 0,48 | 7,3 | 413 | 1 355 |
| 8,00 | 124 | FMJ-FP | Small Pistol | Ba9 1/2 | 0,26 | 4,0 | 309 | 1 021 | 0,33 | 5,0 | 348 | 1 142 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

.38 SUPER AUTO

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 22,70
2300

| | | | | | | | | | | | | |
|------|-----|--------|--------------|---------|------|-----|-----|-------|------|-----|-----|-------|
| 8,00 | 124 | FMJ-FP | Small Pistol | Ba9 | 0,34 | 5,2 | 368 | 1 208 | 0,42 | 6,4 | 409 | 1 340 |
| | | | | Ba7 1/2 | 0,36 | 5,6 | 348 | 1 149 | 0,45 | 6,9 | 389 | 1 275 |
| 8,40 | 130 | FMJ | Small Pistol | Ba9 1/2 | 0,24 | 3,7 | 301 | 987 | 0,30 | 4,6 | 336 | 1 101 |
| | | | | Ba9 | 0,30 | 4,6 | 323 | 1 068 | 0,37 | 5,6 | 359 | 1 178 |
| 8,40 | 130 | RN | Small Pistol | Ba9 1/2 | 0,25 | 3,9 | 297 | 979 | 0,31 | 4,8 | 331 | 1 086 |
| | | | | Ba9 | 0,30 | 4,6 | 320 | 1 050 | 0,38 | 5,8 | 360 | 1 179 |
| | | | | Ba7 1/2 | 0,34 | 5,2 | 331 | 1 087 | 0,42 | 6,4 | 368 | 1 206 |
| 9,50 | 147 | RN | Small Pistol | Ba9 | 0,28 | 4,3 | 300 | 988 | 0,35 | 5,3 | 335 | 1 097 |
| | | | | Ba7 1/2 | 0,30 | 4,6 | 294 | 961 | 0,37 | 5,7 | 326 | 1 070 |

.38 SUPER AUTO Chargement IPSC

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 22,86
2300

| | | | | | | | | | | | | |
|------|-----|--------|--------------|-----|------|-----|-----|-------|------|------|-----|-------|
| 7,45 | 115 | FMJ | Small Pistol | SP2 | 0,58 | 9,0 | 426 | 1 411 | 0,72 | 11,0 | 475 | 1 560 |
| 8,00 | 124 | TMJ | Small Pistol | SP2 | 0,50 | 7,7 | 395 | 1 293 | 0,62 | 9,6 | 440 | 1 444 |
| 9,52 | 147 | FMJ-FN | Small Pistol | SP2 | 0,42 | 6,5 | 343 | 1 129 | 0,52 | 8,0 | 382 | 1 253 |

.357 MAGNUM

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 32,77
3000

| | | | | | | | | | | | | |
|-------|-----|------------|-------------------|---------|------|------|-----|-------|------|------|-----|-------|
| 7,10 | 110 | HP-XTP | Small Pistol | Ba10 | 0,36 | 5,6 | 382 | 1 254 | 0,45 | 7,0 | 427 | 1 402 |
| | | | | Ba9 1/2 | 0,43 | 6,6 | 412 | 1 352 | 0,54 | 8,3 | 462 | 1 516 |
| | | | | Ba9 | 0,51 | 7,9 | 446 | 1 472 | 0,64 | 9,8 | 500 | 1 639 |
| | | | | Ba7 1/2 | 0,58 | 9,0 | 461 | 1 521 | 0,73 | 11,2 | 517 | 1 697 |
| 7,13 | 110 | JHP | Small Pistol | Ba6 1/2 | 1,08 | 16,7 | 547 | 1 797 | 1,35 | 20,8 | 612 | 2 006 |
| | | | | Ba9 | 0,54 | 8,3 | 450 | 1 472 | 0,68 | 10,5 | 505 | 1 656 |
| | | | | SP3 | 1,00 | 15,4 | 402 | 1 322 | 1,25 | 19,2 | 450 | 1 476 |
| 8,10 | 125 | JHP | Small Pistol | Ba9 | 0,52 | 8,0 | 411 | 1 350 | 0,65 | 10,0 | 460 | 1 509 |
| | | | | SP3 | 1,00 | 15,4 | 411 | 1 351 | 1,25 | 19,2 | 460 | 1 509 |
| | | | | A1 | 0,45 | 6,9 | 385 | 1 263 | 0,56 | 8,6 | 430 | 1 410 |
| 8,10 | 125 | FP-XTP | Small Pistol | Ba10 | 0,34 | 5,2 | 352 | 1 157 | 0,42 | 6,4 | 391 | 1 284 |
| | | | | Ba9 1/2 | 0,39 | 6,0 | 375 | 1 233 | 0,49 | 7,5 | 420 | 1 379 |
| | | | | Ba9 | 0,48 | 7,4 | 413 | 1 353 | 0,60 | 9,3 | 462 | 1 517 |
| | | | | Ba7 1/2 | 0,53 | 8,2 | 427 | 1 400 | 0,66 | 10,2 | 476 | 1 561 |
| 9,07 | 140 | JHP | Small Pistol | Ba6 1/2 | 0,95 | 14,7 | 482 | 1 584 | 1,19 | 18,4 | 540 | 1 772 |
| | | | | Ba9 | 0,48 | 7,4 | 376 | 1 236 | 0,60 | 9,2 | 420 | 1 378 |
| | | | | SP3 | 0,92 | 14,2 | 385 | 1 263 | 1,15 | 17,7 | 430 | 1 410 |
| 9,10 | 140 | HP | Small Pistol | Ba9 | 0,40 | 6,2 | 357 | 1 169 | 0,56 | 8,7 | 422 | 1 385 |
| | | | | Ba7 1/2 | 0,50 | 7,7 | 392 | 1 290 | 0,62 | 9,5 | 437 | 1 433 |
| | | | | Ba6 1/2 | 0,89 | 13,7 | 450 | 1 474 | 1,11 | 17,1 | 502 | 1 647 |
| 9,60 | 148 | SFM Blindé | Small Pistol | SP3 | 1,01 | 15,6 | 421 | 1 383 | 1,26 | 19,4 | 470 | 1 542 |
| | | | | SP3 | 0,84 | 13,0 | 389 | 1 278 | 1,05 | 16,2 | 435 | 1 427 |
| | | | | Ba9 1/2 | 0,34 | 5,2 | 315 | 1 030 | 0,43 | 6,6 | 354 | 1 160 |
| 10,20 | 158 | HP | Small Pistol | Ba9 | 0,40 | 6,2 | 338 | 1 112 | 0,50 | 7,7 | 378 | 1 239 |
| | | | | Ba7 1/2 | 0,46 | 7,1 | 356 | 1 174 | 0,58 | 8,9 | 400 | 1 314 |
| | | | | SP2 | 0,68 | 10,5 | 433 | 1 422 | 0,85 | 13,1 | 484 | 1 588 |
| 11,66 | 180 | SWC | Small Pistol | SP2 | 0,60 | 9,3 | 394 | 1 296 | 0,75 | 11,6 | 441 | 1 447 |
| | | | | Ba9 | 0,38 | 5,9 | 303 | 998 | 0,48 | 7,4 | 341 | 1 118 |
| | | | | Ba7 1/2 | 0,41 | 6,3 | 315 | 1 027 | 0,51 | 7,9 | 351 | 1 150 |
| 11,70 | 180 | TMJ | Small Pistol | Ba6 1/2 | 0,73 | 11,3 | 381 | 1 252 | 0,91 | 14,0 | 425 | 1 394 |
| | | | | SP2 | 0,60 | 9,3 | 356 | 1 169 | 0,75 | 11,6 | 398 | 1 306 |
| | | | | Ba7 1/2 | 0,39 | 6,0 | 280 | 910 | 0,49 | 7,7 | 314 | 1 031 |
| 12,96 | 200 | RN | Small Rifle Match | Ba6 1/2 | 0,66 | 10,2 | 341 | 1 118 | 0,83 | 12,8 | 382 | 1 252 |
| | | | | SP3 | 0,96 | 14,8 | 376 | 1 233 | 1,20 | 18,5 | 420 | 1 378 |
| 13,00 | 200 | TMJ | Small Pistol | SP3 | 0,82 | 12,7 | 384 | 1 264 | 1,03 | 15,8 | 430 | 1 410 |
| | | | | SP3 | 0,96 | 14,8 | 376 | 1 233 | 1,20 | 18,5 | 420 | 1 378 |
| 11,66 | 180 | SFM Blindé | Small Pistol | SP3 | 0,82 | 12,7 | 384 | 1 264 | 1,03 | 15,8 | 430 | 1 410 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

| .357 REMINGTON maximum | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 40,77 3100 |
|-------------------------------|-----|--------------|---------------------|-------------------------------|------|------|-----|---|------|------|-----|-----------------------|
| 10,20 | 158 | FP-XTP | Small Rifle | Ba7 1/2 | 0,57 | 8,8 | 421 | 1 385 | 0,71 | 10,9 | 470 | 1 541 |
| | | | | Ba6 1/2 | 1,02 | 15,7 | 518 | 1 703 | 1,27 | 19,5 | 578 | 1 898 |
| 10,40 | 160 | LFN | Small Rifle | Ba7 1/2 | 0,56 | 8,6 | 423 | 1 392 | 0,70 | 10,7 | 473 | 1 553 |
| 12,96 | 200 | SPEER n°4231 | Small Pistol Magnum | SP3 | 1,04 | 16,0 | 407 | 1 335 | 1,30 | 20,0 | 455 | 1 493 |
| 13,00 | 200 | TMJ | Small Rifle | Ba6 1/2 | 0,83 | 12,8 | 411 | 1 345 | 1,04 | 16,1 | 460 | 1 508 |

| .40 SMITH & WESSON | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 21,59 2250 |
|-------------------------------|-----|--------|--------------|-------------------------------|------|-----|-----|---|------|-----|-----|-----------------------|
| 8,70 | 135 | HP-XTP | Small Pistol | Ba9 1/2 | 0,28 | 4,3 | 309 | 1 003 | 0,35 | 5,5 | 346 | 1 134 |
| | | | | Ba9 | 0,32 | 4,9 | 319 | 1 042 | 0,4 | 6,2 | 357 | 1 172 |
| | | | | Ba7 1/2 | 0,36 | 5,6 | 324 | 1 063 | 0,45 | 7,0 | 362 | 1 189 |
| | | | | Ba9 1/2 | 0,28 | 4,3 | 304 | 985 | 0,35 | 5,5 | 340 | 1 114 |
| 10,00 | 155 | FP | Small Pistol | Ba9 | 0,32 | 4,9 | 317 | 1 031 | 0,4 | 6,2 | 354 | 1 160 |
| | | | | Ba7 1/2 | 0,38 | 5,9 | 329 | 1 083 | 0,48 | 7,4 | 370 | 1 213 |
| 11,00 | 170 | HP | Small Pistol | Ba9 | 0,29 | 4,5 | 291 | 953 | 0,36 | 5,6 | 324 | 1 063 |
| | | | | Ba7 1/2 | 0,32 | 4,9 | 298 | 970 | 0,40 | 6,2 | 333 | 1 091 |
| 11,70 | 180 | GR-JHP | Small Pistol | Ba9 | 0,26 | 4,0 | 255 | 840 | 0,32 | 4,9 | 283 | 930 |
| | | | | A0 | 0,27 | 4,2 | 254 | 840 | 0,34 | 5,2 | 285 | 935 |
| 10,20 | 158 | TMJ | Small Pistol | SP2 | 0,50 | 7,7 | 364 | 1 196 | 0,63 | 9,7 | 409 | 1 342 |
| 11,60 | 180 | TMJ | Small Pistol | SP2 | 0,42 | 6,5 | 255 | 839 | 0,53 | 8,2 | 287 | 942 |
| | | | | SP2 | 0,44 | 6,8 | 322 | 1 063 | 0,55 | 8,4 | 360 | 1 182 |
| 13,00 | 200 | TMJ | Small Pistol | Ba9 | 0,26 | 4,0 | 250 | 822 | 0,32 | 4,9 | 277 | 910 |
| | | | | Ba7 1/2 | 0,29 | 4,5 | 253 | 837 | 0,36 | 5,5 | 282 | 925 |

| 10 mm Auto | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 22,50 2300 |
|-------------------|-----|-------------------|--------------|-------------------------------|------|-----|-----|---|------|-----|-----|-----------------------|
| 10,00 | 155 | HP-XTP | Large Pistol | Ba9 | 0,37 | 5,7 | 335 | 1 098 | 0,46 | 7,1 | 374 | 1 225 |
| | | | | Ba7 1/2 | 0,41 | 6,3 | 341 | 1 121 | 0,51 | 7,8 | 380 | 1 247 |
| 11,70 | 180 | HP | Large Pistol | Ba9 | 0,34 | 5,2 | 299 | 982 | 0,42 | 6,4 | 332 | 1 089 |
| | | | | Ba7 1/2 | 0,34 | 5,2 | 307 | 1 003 | 0,43 | 6,6 | 345 | 1 130 |
| 13,00 | 200 | FMC | Large Pistol | A1 | 0,26 | 4,0 | 248 | 815 | 0,32 | 4,9 | 275 | 902 |
| | | | | Ba9 | 0,28 | 4,3 | 250 | 820 | 0,35 | 5,4 | 280 | 919 |
| 13,00 | 200 | FMJ-FP | Large Pistol | Ba9 | 0,28 | 4,3 | 258 | 851 | 0,35 | 5,3 | 288 | 945 |
| | | | | Ba7 1/2 | 0,30 | 4,6 | 268 | 881 | 0,38 | 5,8 | 302 | 989 |
| 11,00 | 170 | RCBS Coulé 40-170 | Large Pistol | A1 | 0,27 | 4,2 | 285 | 944 | 0,34 | 5,2 | 320 | 1 050 |
| | | | | Ba9 | 0,30 | 4,6 | 280 | 913 | 0,38 | 5,9 | 315 | 1 034 |
| 11,00 | 170 | MPS Pb/Cu | Large Pistol | SP2 | 0,50 | 7,7 | 241 | 787 | 0,62 | 9,6 | 268 | 879 |
| 11,64 | 180 | TMJ | Large Pistol | SP2 | 0,50 | 7,7 | 344 | 1 130 | 0,63 | 9,7 | 386 | 1 268 |
| 12,96 | 200 | TMJ | Large Pistol | SP2 | 0,50 | 7,7 | 337 | 1 103 | 0,62 | 9,6 | 375 | 1 232 |

| .41 AE | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 22,00 2250 |
|---------------|-----|-----|--------------|-------------------------------|------|-----|-----|---|------|-----|-----|-----------------------|
| 13,00 | 200 | IMI | Small Pistol | Ba9 | 0,28 | 4,3 | 268 | 878 | 0,35 | 5,4 | 300 | 984 |
| 12,64 | 195 | SWC | Small Pistol | Ba9 | 0,24 | 3,7 | 268 | 883 | 0,30 | 4,6 | 300 | 984 |

| .41 REMINGTON MAGNUM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 32,50 2800 |
|-----------------------------|-----|--------|--------------|-------------------------------|------|------|-----|---|------|------|-----|-----------------------|
| 11,00 | 170 | JHC | Large Pistol | Ba7 1/2 | 0,65 | 10,0 | 404 | 1 324 | 0,81 | 12,5 | 451 | 1 480 |
| | | | | Ba6 1/2 | 1,20 | 18,5 | 476 | 1 559 | 1,50 | 23,2 | 532 | 1 746 |
| 13,60 | 210 | HP-XTP | Large Pistol | Ba7 1/2 | 0,60 | 9,3 | 360 | 1 185 | 0,74 | 11,4 | 400 | 1 312 |
| | | | | Ba6 1/2 | 1,02 | 15,7 | 416 | 1 362 | 1,28 | 19,8 | 466 | 1 529 |

| .44 REMINGTON MAGNUM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 32,64 2800 |
|-----------------------------|-----|--------|--------------|-------------------------------|------|------|-----|---|------|------|-----|-----------------------|
| 11,70 | 180 | HP-XTP | Large Pistol | Ba9 1/2 | 0,62 | 9,6 | 392 | 1 292 | 0,77 | 11,8 | 437 | 1 432 |
| | | | | Ba9 | 0,74 | 11,4 | 423 | 1 393 | 0,92 | 14,1 | 472 | 1 549 |
| | | | | Ba7 1/2 | 0,79 | 12,2 | 430 | 1 409 | 0,99 | 15,3 | 481 | 1 578 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | | |
|---|-------|-------------------------|---------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] | |
| .44 REMINGTON MAGNUM | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 32,64 2800 | | | | | | | | | | | | |
| 11,70 | 180 | HP-XTP | Large Pistol | Ba6 1/2 | 1,41 | 21,8 | 478 | 1 570 | 1,76 | 27,1 | 534 | 1 751 |
| | | | | Ba9 | 0,64 | 9,9 | 376 | 1 236 | 0,80 | 12,3 | 420 | 1 378 |
| 12,96 | 200 | HP | Large Pistol | Ba6 | 1,28 | 19,8 | 394 | 1 295 | 1,60 | 24,6 | 440 | 1 443 |
| | | | | SP3 | 1,36 | 21,0 | 398 | 1 307 | 1,70 | 26,2 | 445 | 1 460 |
| | | | | Ba9 1/2 | 0,54 | 8,3 | 337 | 1 101 | 0,67 | 10,4 | 375 | 1 232 |
| 14,30 | 220 | FPJ Match | Large Pistol | Ba9 | 0,64 | 9,9 | 362 | 1 191 | 0,80 | 12,3 | 405 | 1 328 |
| | | | | Ba7 1/2 | 0,77 | 11,9 | 393 | 1 292 | 0,96 | 14,8 | 439 | 1 441 |
| | | | | Ba9 | 0,54 | 8,3 | 332 | 1 089 | 0,67 | 10,3 | 370 | 1 213 |
| 14,58 | 225 | JHP | Large Pistol | SP3 | 1,32 | 20,4 | 385 | 1 264 | 1,65 | 25,4 | 430 | 1 410 |
| 15,55 | 240 | HP | Large Pistol | SP3 | 1,28 | 19,8 | 371 | 1 221 | 1,60 | 24,6 | 415 | 1 361 |
| | | | | Ba9 1/2 | 0,50 | 7,7 | 315 | 1 034 | 0,63 | 9,7 | 354 | 1 161 |
| 15,60 | 240 | JTC Sil | Large Pistol | Ba9 | 0,60 | 9,3 | 340 | 1 121 | 0,75 | 11,5 | 380 | 1 247 |
| | | | | Ba7 1/2 | 0,66 | 10,2 | 356 | 1 168 | 0,83 | 12,8 | 399 | 1 308 |
| 15,60 | 240 | JTC Sil | Large Pistol | Ba6 1/2 | 1,14 | 17,6 | 420 | 1 375 | 1,43 | 22,1 | 470 | 1 541 |
| 16,50 | 255 | LYMAN Coulé n°429421 | Large Pistol | Ba9 | 0,58 | 9,0 | 332 | 1 097 | 0,72 | 11,0 | 370 | 1 213 |
| | | | | SP3 | 1,28 | 19,8 | 385 | 1 265 | 1,60 | 24,6 | 430 | 1 410 |
| 17,38 | 268 | LYMAN Coulé GC n°429244 | Large Pistol Magnum | SP3 | 1,20 | 18,5 | 362 | 1 191 | 1,50 | 23,0 | 405 | 1 328 |
| 12,96 | 200 | HP | Large Pistol | SP2 | 1,04 | 16,0 | 462 | 1 425 | 1,30 | 20,0 | 516 | 1 593 |
| 14,58 | 225 | JHP | Large Pistol | SP2 | 0,96 | 14,8 | 430 | 1 411 | 1,20 | 18,5 | 481 | 1 578 |
| | | | | Ba9 | 0,54 | 8,3 | 288 | 943 | 0,68 | 10,5 | 323 | 1 061 |
| 19,40 | 300 | HP-XTP | Large Pistol | Ba7 1/2 | 0,61 | 9,4 | 308 | 1 011 | 0,76 | 11,7 | 344 | 1 128 |
| | | | | Ba6 1/2 | 1,05 | 16,2 | 375 | 1 230 | 1,31 | 20,2 | 419 | 1 374 |
| .44 SMITH & WESSON Spécial | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 29,30 1000 | | | | | | | | | | | | |
| 11,70 | 180 | HP-XTP | Large Pistol | Ba9 1/2 | 0,39 | 6,0 | 281 | 918 | 0,49 | 7,6 | 315 | 1 033 |
| | | | | Ba9 | 0,45 | 6,9 | 303 | 993 | 0,56 | 8,6 | 338 | 1 109 |
| | | | | Ba7 1/2 | 0,54 | 8,3 | 312 | 1 021 | 0,68 | 10,5 | 350 | 1 148 |
| | | | | Ba9 1/2 | 0,36 | 5,6 | 263 | 869 | 0,45 | 6,9 | 294 | 965 |
| 13,00 | 200 | HP-XTP | Large Pistol | Ba9 | 0,44 | 6,8 | 282 | 924 | 0,55 | 8,5 | 315 | 1 033 |
| | | | | Ba7 1/2 | 0,51 | 7,9 | 294 | 964 | 0,64 | 9,9 | 329 | 1 079 |
| | | | | Ba9 1/2 | 0,29 | 4,5 | 200 | 656 | 0,36 | 5,6 | 223 | 732 |
| 15,60 | 240 | JTC Sil | Large Pistol | Ba9 | 0,32 | 4,9 | 209 | 683 | 0,40 | 6,2 | 234 | 768 |
| | | | | Ba7 1/2 | 0,42 | 6,5 | 241 | 792 | 0,53 | 8,2 | 271 | 889 |
| | | | | Ba9 1/2 | 0,29 | 4,5 | 203 | 664 | 0,36 | 5,6 | 226 | 741 |
| 16,20 | 250 | FPJ | Large Pistol | Ba9 | 0,31 | 4,8 | 203 | 669 | 0,39 | 6,0 | 228 | 748 |
| 17,30 | 267 | LFN | Large Pistol | Ba7 1/2 | 0,42 | 6,5 | 253 | 834 | 0,52 | 8,0 | 282 | 925 |
| 16,20 | 250 | FPJ | Large Pistol | Ba7 1/2 | 0,39 | 6,0 | 232 | 758 | 0,49 | 7,6 | 260 | 853 |
| | | | | Ba9 1/2 | 0,31 | 4,8 | 234 | 769 | 0,39 | 6,0 | 262 | 860 |
| 17,30 | 267 | LFN | Large Pistol | Ba9 | 0,36 | 5,6 | 251 | 831 | 0,45 | 6,9 | 281 | 922 |
| .45 COLT (45 Long COLT) | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 32,64 1100 | | | | | | | | | | | | |
| | | | | Ba9 1/2 | 0,50 | 7,7 | 323 | 1 058 | 0,62 | 9,6 | 360 | 1 181 |
| 12,00 | 185 | HP-XTP | Large Pistol | Ba9 | 0,61 | 9,4 | 338 | 1 104 | 0,76 | 11,8 | 377 | 1 237 |
| | | | | Ba7 1/2 | 0,69 | 10,6 | 342 | 1 123 | 0,86 | 13,2 | 382 | 1 253 |
| 13,00 | 200 | FMJ CT | Large Pistol | Ba9 1/2 | 0,46 | 7,1 | 305 | 1 002 | 0,58 | 8,9 | 342 | 1 122 |
| | | | | Ba9 1/2 | 0,43 | 6,6 | 273 | 895 | 0,54 | 8,3 | 306 | 1 004 |
| 14,90 | 230 | FMJ Match | Large Pistol | Ba9 | 0,54 | 8,3 | 294 | 967 | 0,68 | 10,4 | 330 | 1 083 |
| | | | | A1 | 0,44 | 6,8 | 241 | 792 | 0,55 | 8,5 | 270 | 885 |
| 16,20 | 250 | SWC | Large Pistol | Ba9 | 0,52 | 8,0 | 286 | 938 | 0,65 | 10,0 | 320 | 1 049 |
| | | | | Ba9 1/2 | 0,41 | 6,3 | 251 | 826 | 0,51 | 7,8 | 280 | 919 |
| 16,20 | 250 | HP-XTP | Large Pistol | Ba9 | 0,51 | 7,9 | 274 | 904 | 0,64 | 9,8 | 307 | 1 007 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

.45 COLT (45 Long COLT)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|-------|-----|--------------------|--------------|------------------------|------|-----|-----|---|------|------|-----|-------|
| | | | | | | | | 32,64 1100 | | | | |
| 16,20 | 250 | HP-XTP | Large Pistol | Ba7 1/2 | 0,58 | 9,0 | 288 | 944 | 0,72 | 11,2 | 321 | 1 053 |
| 16,52 | 256 | RCBS Coulé n°45255 | Large Pistol | Ba10 | 0,30 | 4,6 | 231 | 760 | 0,38 | 5,8 | 260 | 853 |
| | | | | AS | 0,34 | 5,2 | 234 | 763 | 0,42 | 6,5 | 260 | 853 |
| | | | | Ba9 | 0,46 | 7,1 | 223 | 728 | 0,58 | 9,0 | 250 | 820 |

.45 ACP (45 mod-1911)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|-------|-----|---------------------|--------------|------------------------|------|-----|-----|---|------|------|-----|-------|
| | | | | | | | | 22,81 1300 | | | | |
| 12,00 | 185 | HP | Large Pistol | Ba10 | 0,22 | 3,4 | 230 | 752 | 0,27 | 4,2 | 255 | 836 |
| 12,00 | 185 | LYMAN Coulé 452-389 | Large Pistol | Ba10 | 0,17 | 2,6 | 216 | 709 | 0,21 | 3,2 | 240 | 787 |
| | | | | AS | 0,22 | 3,4 | 244 | 796 | 0,27 | 4,2 | 270 | 885 |
| | | | | Ba9 1/2 | 0,33 | 5,1 | 283 | 933 | 0,41 | 6,3 | 316 | 1 037 |
| 12,00 | 185 | FN | Large Pistol | Ba9 | 0,41 | 6,3 | 299 | 976 | 0,51 | 7,9 | 333 | 1 093 |
| | | | | Ba7 1/2 | 0,49 | 7,6 | 320 | 1 052 | 0,61 | 9,4 | 357 | 1 170 |
| | | | | Ba10 | 0,26 | 4,0 | 254 | 831 | 0,33 | 5,1 | 286 | 938 |
| 12,00 | 185 | HP | Large Pistol | Ba9 1/2 | 0,30 | 4,6 | 249 | 811 | 0,38 | 5,9 | 280 | 919 |
| | | | | Ba9 | 0,41 | 6,3 | 294 | 961 | 0,51 | 7,9 | 328 | 1 076 |
| | | | | Ba10 | 0,22 | 3,4 | 239 | 782 | 0,27 | 4,2 | 265 | 869 |
| 12,50 | 193 | HR | Large Pistol | A1 | 0,34 | 5,2 | 270 | 880 | 0,42 | 6,5 | 300 | 984 |
| | | | | Ba9 | 0,38 | 5,9 | 240 | 790 | 0,48 | 7,4 | 270 | 885 |
| | | | | A1 | 0,31 | 4,8 | 259 | 851 | 0,39 | 6,0 | 290 | 951 |
| 12,96 | 200 | JHP | Large Pistol | Ba9 | 0,34 | 5,2 | 240 | 786 | 0,43 | 6,6 | 270 | 885 |
| | | | | Ba9 | 0,33 | 5,1 | 251 | 826 | 0,41 | 6,3 | 280 | 918 |
| 12,96 | 200 | SWC | Large Pistol | Ba9 1/2 | 0,28 | 4,3 | 253 | 828 | 0,35 | 5,4 | 283 | 928 |
| | | | | Ba9 | 0,35 | 5,4 | 268 | 879 | 0,44 | 6,8 | 300 | 986 |
| | | | | Ba7 1/2 | 0,38 | 5,9 | 272 | 895 | 0,47 | 7,3 | 303 | 996 |
| 13,10 | 200 | SWC | Large Pistol | Ba10 | 0,20 | 3,1 | 224 | 741 | 0,25 | 3,8 | 250 | 820 |
| | | | | AS | 0,22 | 3,4 | 227 | 729 | 0,28 | 4,3 | 250 | 820 |
| | | | | A1 | 0,28 | 4,3 | 233 | 761 | 0,35 | 5,4 | 260 | 853 |
| 14,58 | 225 | HP | Large Pistol | A1 | 0,30 | 4,6 | 234 | 766 | 0,37 | 5,7 | 260 | 853 |
| 14,90 | 230 | FMJ | Large Pistol | Ba10 | 0,20 | 3,1 | 197 | 645 | 0,25 | 3,9 | 220 | 720 |
| 14,90 | 230 | FP-FMJ | Large Pistol | Ba10 | 0,21 | 3,2 | 207 | 674 | 0,26 | 4,0 | 230 | 754 |
| | | | | Ba9 | 0,32 | 4,9 | 233 | 771 | 0,40 | 6,0 | 260 | 853 |
| 12,96 | 200 | SHP | Large Pistol | SP2 | 0,58 | 9,0 | 303 | 1 003 | 0,72 | 11,0 | 338 | 1 109 |
| 14,58 | 225 | HP | Large Pistol | SP2 | 0,56 | 8,6 | 278 | 910 | 0,70 | 10,8 | 311 | 1 020 |
| 14,90 | 230 | FMJ | Large Pistol | SP2 | 0,52 | 8,0 | 259 | 851 | 0,65 | 10,0 | 290 | 951 |
| 14,90 | 230 | FMJ-RN | Large Pistol | Ba10 | 0,22 | 3,4 | 212 | 694 | 0,27 | 4,2 | 235 | 771 |
| | | | | Ba9 1/2 | 0,28 | 4,3 | 235 | 773 | 0,34 | 5,2 | 259 | 850 |
| | | | | Ba9 | 0,29 | 4,5 | 230 | 753 | 0,36 | 5,6 | 256 | 840 |
| | | | | Ba7 1/2 | 0,38 | 5,9 | 252 | 833 | 0,47 | 7,2 | 280 | 920 |

.45 WINCHESTER MAGNUM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|-------|-----|---------|--------------|------------------------|------|------|-----|---|------|------|-----|-------|
| | | | | | | | | 30,30 2750 | | | | |
| 12,00 | 185 | HP-XTP | Large Pistol | Ba7 1/2 | 0,79 | 12,2 | 457 | 1 498 | 0,99 | 15,3 | 512 | 1 678 |
| 13,00 | 200 | TMJ-SWC | Large Pistol | Ba6 1/2 | 1,31 | 20,2 | 514 | 1 688 | 1,64 | 25,2 | 575 | 1 885 |
| 14,90 | 230 | FMJ-RN | Large Pistol | Ba6 1/2 | 1,24 | 19,1 | 476 | 1 559 | 1,55 | 23,9 | 532 | 1 744 |
| | | | | Ba7 1/2 | 0,62 | 9,6 | 333 | 1 095 | 0,78 | 12,0 | 373 | 1 224 |
| 16,20 | 250 | HP-XTP | Large Pistol | Ba6 1/2 | 1,10 | 17,0 | 431 | 1 415 | 1,37 | 21,1 | 481 | 1 576 |

.454 CASULL

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | |
|-------|-----|-----------------|-------------|------------------------|------|------|-----|---|------|------|-----|-------|
| | | | | | | | | 35,50 3900 | | | | |
| 12,00 | 185 | HPXTP | Small Rifle | Ba7 1/2 | 1,11 | 17,1 | 530 | 1 740 | 1,39 | 21,4 | 593 | 1 946 |
| 14,60 | 225 | HP | Small Rifle | Ba6 1/2 | 1,74 | 26,9 | 550 | 1 805 | 2,17 | 33,5 | 614 | 2 014 |
| 16,20 | 250 | HORNADY n°45200 | Small Rifle | SP3 | 1,88 | 29,0 | 525 | 1 721 | 2,35 | 36,3 | 587 | 1 926 |
| 16,20 | 250 | HP-XTP | Small Rifle | Ba6 1/2 | 1,59 | 24,5 | 509 | 1 668 | 1,99 | 30,7 | 569 | 1 867 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES DE POING / PISTOL and REVOLVER

| Projectile / Bullet | | Type / Type | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------------------------|-------|-------------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Poids/Weight | | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |
| .460 SMITH & WESSON MAGNUM | | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 52,90 | |
| | | | | | | | | | PRESSION/PRESSURE (bar) | | 4270 | |
| 16,85 | 260 | GD-HP | Large Rifle | SP3 | 2,36 | 36,4 | 599 | 1 966 | 2,95 | 45,5 | 670 | 2 198 |
| 19,44 | 300 | SP | Large Rifle | SP3 | 2,16 | 33,3 | 555 | 1 818 | 2,70 | 41,7 | 620 | 2 034 |
| .50 AE | | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 32,64 | |
| | | | | | | | | | PRESSION/PRESSURE (bar) | | 2300 | |
| 19,40 | 300 | JHP | Large Pistol | Ba6 1/2 | 1,49 | 23,0 | 408 | 1 339 | 1,86 | 28,7 | 456 | 1 496 |
| 19,50 | 300 | FSP | Large Pistol | SP3 | 1,72 | 26,5 | 381 | 1 255 | 2,15 | 33,0 | 426 | 1 400 |
| | | | | SP3 | 1,76 | 27,2 | 399 | 1 306 | 2,20 | 34,0 | 446 | 1 460 |
| 21,10 | 325 | UCHP | Large Pistol | Ba6 1/2 | 1,40 | 21,6 | 391 | 1 283 | 1,75 | 27,0 | 437 | 1 434 |
| .500 SMITH & WESSON MAGNUM | | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) | | 50,30 | |
| | | | | | | | | | PRESSION/PRESSURE (bar) | | 4270 | |
| 19,40 | 300 | TMJ | Large Rifle | Ba6 1/2 | 2,36 | 36,4 | 583 | 1 913 | 2,95 | 45,5 | 652 | 2 139 |
| 21,06 | 325 | HP | Large Rifle | SP3 | 2,40 | 37,0 | 528 | 1 731 | 3,00 | 46,3 | 590 | 1 936 |
| 22,70 | 350 | HPXTP | Large Rifle | Ba6 1/2 | 2,01 | 31,0 | 514 | 1 685 | 2,51 | 38,7 | 574 | 1 883 |
| 25,90 | 400 | JSP | Large Rifle | Ba6 1/2 | 1,94 | 29,9 | 480 | 1 575 | 2,42 | 37,3 | 536 | 1 759 |
| 25,92 | 400 | JSP | Large Rifle | SP3 | 2,20 | 34,0 | 479 | 1 572 | 2,75 | 42,4 | 535 | 1 755 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

| .17 REMINGTON | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 45,62 4520 |
|----------------------|----|-------|--------------------|-------------------------------|------|------|-------|---|------|------|-------|-----------------------|
| 1,30 | 20 | V-MAX | Small Rifle | SP10 | 1,25 | 19,3 | 1 196 | 3 929 | 1,50 | 23,1 | 1 310 | 4 298 |
| | | | | Tu3000 | 1,30 | 20,1 | 1 191 | 3 911 | 1,55 | 23,9 | 1 300 | 4 265 |
| | | | | SP9 | 1,30 | 20,1 | 1 200 | 3 942 | 1,55 | 23,9 | 1 310 | 4 298 |
| 1,62 | 25 | HP | Small Rifle Magnum | SP10 | 1,25 | 19,3 | 1 151 | 3 776 | 1,45 | 22,4 | 1 240 | 4 068 |
| | | | | Tu3000 | 1,20 | 18,5 | 1 102 | 3 613 | 1,40 | 21,6 | 1 190 | 3 904 |

| 5,6 x 35 R | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 35,50 2700 |
|-------------------|----|-------------|-------------|-------------------------------|------|-----|-----|---|------|------|-----|-----------------------|
| 2,59 | 40 | SPFP | Small Rifle | SP3 | 0,50 | 7,7 | 625 | 2 051 | 0,80 | 12,3 | 790 | 2 592 |
| 2,59 | 40 | SP | Small Rifle | SP3 | 0,45 | 6,9 | 632 | 2 071 | 0,65 | 10,0 | 760 | 2 493 |
| 3,56 | 55 | LYMAN coulé | Large Rifle | Ba9 | 0,20 | 3,1 | 439 | 1 441 | 0,22 | 3,4 | 460 | 1 509 |

| .22 HORNET (5,6 x 35 R) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 35,64 3000 |
|--------------------------------|----|-------------|-------------|-------------------------------|------|-----|-----|---|------|------|-----|-----------------------|
| 2,59 | 40 | V-MAX | Small Rifle | SP3 | 0,40 | 6,2 | 702 | 2 304 | 0,60 | 9,3 | 860 | 2 822 |
| 2,59 | 40 | SSP | Small Rifle | SP3 | 0,35 | 5,4 | 598 | 1 962 | 0,55 | 8,5 | 750 | 2 461 |
| 2,92 | 45 | HORNET | Small Rifle | SP3 | 0,45 | 6,9 | 641 | 2 098 | 0,65 | 10,0 | 770 | 2 526 |
| 2,92 | 45 | SSP | Small Rifle | SP3 | 0,35 | 5,4 | 586 | 1 922 | 0,55 | 8,5 | 735 | 2 411 |
| 3,17 | 49 | LYMAN coulé | Small Rifle | Ba9 | 0,20 | 3,1 | 439 | 1 463 | 0,22 | 3,3 | 460 | 1 509 |
| 3,24 | 50 | TNTHP | Small Rifle | SP3 | 0,32 | 4,9 | 526 | 1 720 | 0,52 | 8,0 | 670 | 2 198 |

| 5,6 x 50 R MAGNUM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 50,00 3400 |
|--------------------------|----|-----|-------------|-------------------------------|------|------|-----|---|------|------|-------|-----------------------|
| 2,59 | 40 | BT | Small Rifle | Tu3000 | 1,40 | 21,6 | 900 | 2 949 | 1,80 | 27,8 | 1 020 | 3 346 |
| 3,24 | 50 | SSP | Small Rifle | Tu3000 | 1,50 | 23,1 | 924 | 3 030 | 1,90 | 29,3 | 1 040 | 3 412 |
| 4,54 | 70 | SSP | Small Rifle | SP7 | 1,45 | 22,4 | 770 | 2 530 | 1,85 | 28,5 | 870 | 2 854 |
| | | | | Tu5000 | 1,50 | 23,1 | 764 | 2 506 | 1,90 | 29,3 | 860 | 2 822 |

| .222 REMINGTON (5,7 x 43) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 43,18 3700 |
|----------------------------------|----|-------------|-------------------|-------------------------------|------|------|-----|---|------|------|-------|-----------------------|
| 2,59 | 40 | SP | Small Rifle Match | Tu3000 | 1,15 | 17,7 | 887 | 2 908 | 1,55 | 23,9 | 1 030 | 3 379 |
| | | | | SP10 | 1,30 | 20,1 | 944 | 3 103 | 1,70 | 26,2 | 1 080 | 3 543 |
| | | | | Tu5000 | 1,20 | 18,5 | 866 | 2 840 | 1,60 | 24,7 | 1 000 | 3 281 |
| 2,92 | 45 | SP | Small Rifle Match | Tu3000 | 1,00 | 17,0 | 816 | 2 815 | 1,50 | 23,1 | 1 000 | 3 281 |
| | | | | SP10 | 1,30 | 20,1 | 909 | 2 989 | 1,70 | 26,2 | 1 040 | 3 412 |
| 3,17 | 49 | LYMAN coulé | Small Rifle | A0 | 0,35 | 5,4 | 561 | 1 839 | 0,55 | 8,5 | 703 | 2 307 |
| 3,24 | 50 | TNTHP | Small Rifle Match | Tu3000 | 1,10 | 17,0 | 822 | 2 702 | 1,50 | 23,1 | 960 | 3 150 |
| | | | | SP10 | 1,10 | 17,0 | 826 | 1 172 | 1,50 | 23,1 | 965 | 1 366 |
| 3,37 | 52 | A-MAX | Small Rifle Match | Tu3000 | 1,05 | 16,2 | 791 | 2 595 | 1,45 | 22,4 | 930 | 3 051 |
| | | | | SP7 | 1,10 | 17,0 | 792 | 2 601 | 1,55 | 23,9 | 940 | 3 084 |
| | | | | Tu5000 | 1,20 | 18,5 | 823 | 2 701 | 1,50 | 23,1 | 920 | 3 018 |
| 3,89 | 60 | HP | Small Rifle Match | Tu3000 | 1,00 | 15,4 | 718 | 2 355 | 1,40 | 21,6 | 850 | 2 789 |
| | | | | SP10 | 0,95 | 14,7 | 717 | 2 358 | 1,35 | 20,8 | 855 | 2 805 |
| | | | | Tu5000 | 1,10 | 17,0 | 754 | 2 477 | 1,50 | 23,1 | 880 | 2 887 |

| .22 PPC-USA | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 38,48 4050 |
|--------------------|----|--------|-------------------|-------------------------------|------|------|-------|---|------|------|-------|-----------------------|
| 2,59 | 40 | BT | Small Rifle Match | SP9 | 1,40 | 21,6 | 1 001 | 3 283 | 1,80 | 27,8 | 1 135 | 3 724 |
| | | | | SP7 | 1,60 | 24,7 | 970 | 3 183 | 2,00 | 30,9 | 1 085 | 3 560 |
| | | | | Tu5000 | 1,50 | 23,1 | 977 | 3 204 | 1,90 | 29,3 | 1 100 | 3 609 |
| 2,59 | 40 | HP | Small Rifle Match | Tu5000 | 1,50 | 23,1 | 960 | 3 146 | 1,90 | 29,3 | 1 080 | 3 543 |
| 2,92 | 45 | HORNET | Small Rifle Match | Tu3000 | 1,40 | 21,6 | 961 | 3 152 | 1,80 | 27,8 | 1 090 | 3 576 |
| 3,24 | 50 | BT | Small Rifle Match | SP9 | 1,40 | 21,6 | 944 | 3 094 | 1,80 | 27,8 | 1 070 | 3 510 |
| | | | | SP7 | 1,60 | 24,7 | 939 | 3 080 | 2,00 | 30,9 | 1 050 | 3 445 |
| | | | | Tu5000 | 1,50 | 23,1 | 929 | 3 044 | 1,90 | 29,3 | 1 045 | 3 428 |

ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

| .22 PPC-USA | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 38,48 4050 | |
|--------------------|----|--------|-------------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 3,24 | 50 | TNTHP | Small Rifle Match | SP7 | 1,55 | 23,9 | 909 | 2 982 | 1,95 | 30,1 | 1 020 | 3 346 |
| | | | | Tu3000 | 1,25 | 19,3 | 862 | 2 826 | 1,65 | 25,5 | 990 | 3 248 |
| 3,37 | 52 | HPBTMK | Small Rifle Match | SP7 | 1,55 | 23,9 | 905 | 2 967 | 1,95 | 30,1 | 1 015 | 3 330 |
| | | | | Tu5000 | 1,35 | 20,8 | 870 | 2 851 | 1,75 | 27,0 | 990 | 3 248 |
| | | | | SP10 | 1,40 | 21,6 | 935 | 3 066 | 1,80 | 27,8 | 1 060 | 3 478 |
| | | | | Tu3000 | 1,40 | 21,6 | 894 | 2 935 | 1,70 | 26,2 | 985 | 3 232 |
| 3,56 | 55 | SPT | Small Rifle Match | SP10 | 1,25 | 19,3 | 854 | 2 802 | 1,75 | 27,0 | 1 010 | 3 314 |
| | | | | Tu3000 | 1,25 | 19,3 | 824 | 2 705 | 1,75 | 27,0 | 975 | 3 199 |

| .223 REMINGTON (5,56 US OU 5,56 x 45) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 44,70 4300 | |
|--|----|--------|-------------------|-------------------------------|------|------|-------|---|------|------|-----------------------|-------|
| 2,59 | 40 | SSP | Small Rifle Match | Tu3000 | 1,50 | 23,1 | 954 | 3 125 | 1,75 | 27,0 | 1 030 | 3 379 |
| | | | | SP10 | 1,45 | 22,4 | 951 | 3 124 | 1,70 | 26,2 | 1 030 | 3 379 |
| | | | | Tu5000 | 1,55 | 23,9 | 933 | 3 057 | 1,80 | 27,8 | 1 005 | 3 297 |
| 2,92 | 45 | SPT | Small Rifle Match | Tu3000 | 1,40 | 21,6 | 944 | 3 095 | 1,65 | 25,5 | 1 025 | 3 363 |
| | | | | SP10 | 1,50 | 23,1 | 1 005 | 3 293 | 1,75 | 27,0 | 1 085 | 3 560 |
| 3,37 | 52 | HPBTMK | Small Rifle Match | Tu5000 | 1,55 | 23,9 | 965 | 3 164 | 1,80 | 27,8 | 1 040 | 3 412 |
| | | | | Tu3000 | 1,45 | 22,4 | 900 | 2 958 | 1,70 | 26,2 | 975 | 3 199 |
| 3,56 | 55 | FMJBT | Small Rifle Match | SP10 | 1,35 | 20,8 | 868 | 2 845 | 1,60 | 24,7 | 945 | 3 100 |
| | | | | Tu3000 | 1,45 | 22,4 | 905 | 2 973 | 1,70 | 26,2 | 980 | 3 215 |
| | | | | SP10 | 1,35 | 20,8 | 882 | 2 891 | 1,60 | 24,7 | 960 | 3 150 |
| 3,89 | 60 | PART | Small Rifle Match | Tu3000 | 1,25 | 19,3 | 836 | 2 740 | 1,65 | 25,5 | 960 | 3 150 |
| | | | | SP7 | 1,30 | 20,1 | 831 | 2 730 | 1,70 | 26,2 | 950 | 3 117 |
| | | | | Tu5000 | 1,30 | 20,1 | 839 | 2 759 | 1,70 | 26,2 | 960 | 3 150 |
| 4,41 | 68 | HPBT | Small Rifle Match | SP7 | 1,35 | 20,8 | 773 | 2 533 | 1,65 | 25,5 | 855 | 2 805 |
| | | | | Tu5000 | 1,30 | 20,1 | 771 | 2 530 | 1,60 | 24,7 | 855 | 2 805 |

| .222 REMINGTON MAGNUM (5,7 x 47) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 46,99 4050 | |
|---|----|--------|-------------------|-------------------------------|------|------|-------|---|------|------|-----------------------|-------|
| 2,59 | 40 | SSP | Small Rifle Match | Tu3000 | 1,50 | 23,1 | 1 023 | 3 353 | 1,75 | 27,0 | 1 105 | 3 625 |
| 3,24 | 50 | TNTHP | Small Rifle Match | SP10 | 1,25 | 19,3 | 896 | 2 940 | 1,65 | 25,5 | 1 030 | 3 379 |
| | | | | Tu3000 | 1,35 | 20,8 | 909 | 2 980 | 1,75 | 27,0 | 1 035 | 3 395 |
| 3,37 | 52 | HPBTMK | Small Rifle Match | SP10 | 1,25 | 19,3 | 875 | 2 868 | 1,65 | 25,5 | 1 005 | 3 297 |
| | | | | Tu3000 | 1,30 | 20,1 | 883 | 2 903 | 1,70 | 26,2 | 1 010 | 3 314 |
| | | | | Tu5000 | 1,35 | 20,8 | 874 | 2 865 | 1,75 | 27,0 | 995 | 3 264 |
| | | | | SP11 | 1,55 | 23,9 | 869 | 2 851 | 1,95 | 30,1 | 975 | 3 199 |
| 3,56 | 55 | FMJBT | Small Rifle Match | Tu3000 | 1,40 | 21,6 | 907 | 2 979 | 1,70 | 26,2 | 1 000 | 3 281 |
| | | | | Tu5000 | 1,45 | 22,4 | 910 | 2 988 | 1,75 | 27,0 | 1 000 | 3 281 |
| 3,89 | 60 | V-MAX | Small Rifle Match | Tu3000 | 1,20 | 18,5 | 832 | 2 730 | 1,50 | 23,1 | 930 | 3 051 |

| .22-250 REMINGTON (5,6 x 49 R) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 48,46 4050 | |
|---------------------------------------|----|-------|-------------------|-------------------------------|------|------|-------|---|------|------|-----------------------|-------|
| 2,59 | 40 | BK | Large Rifle | Tu3000 | 1,80 | 27,8 | 1 067 | 3 500 | 2,20 | 34,0 | 1 180 | 3 871 |
| | | | | Tu5000 | 1,95 | 30,1 | 1 093 | 3 585 | 2,35 | 36,3 | 1 200 | 3 937 |
| | | | | SP11 | 2,15 | 33,2 | 1 111 | 3 644 | 2,55 | 39,4 | 1 210 | 3 970 |
| 2,92 | 45 | BT | Large Rifle Match | Tu3000 | 1,90 | 29,3 | 1 095 | 3 591 | 2,30 | 35,5 | 1 205 | 3 953 |
| | | | | SP7 | 2,00 | 30,9 | 1 095 | 3 653 | 2,40 | 37,0 | 1 200 | 3 997 |
| | | | | Tu5000 | 2,10 | 32,4 | 1 100 | 3 607 | 2,50 | 38,6 | 1 200 | 3 937 |
| 3,24 | 50 | SP | Large Rifle | SP11 | 2,15 | 33,2 | 1 106 | 3 629 | 2,55 | 39,4 | 1 205 | 3 953 |
| | | | | Tu3000 | 1,75 | 27,0 | 979 | 3 210 | 2,15 | 33,2 | 1 085 | 3 560 |
| | | | | SP10 | 1,65 | 25,5 | 987 | 32 | 2,05 | 31,6 | 1 100 | 36 |
| 3,89 | 60 | V-MAX | Large Rifle | SP7 | 1,85 | 28,5 | 1 038 | 3 405 | 2,25 | 34,7 | 1 145 | 3 757 |
| | | | | Tu5000 | 1,85 | 28,5 | 1 025 | 3 360 | 2,25 | 34,7 | 1 130 | 3 707 |
| 4,54 | 70 | SP | Large Rifle | SP11 | 2,05 | 31,6 | 951 | 3 120 | 2,45 | 37,8 | 1 040 | 3 412 |
| | | | | Tu5000 | 1,60 | 24,7 | 827 | 2 713 | 2,00 | 30,9 | 925 | 3 035 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

| .223 WSSM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 42,42 4400 |
|------------------|----|--------|-------------|-------------------------------|------|------|-------|---|------|------|-------|-----------------------|
| 3,37 | 52 | HPBTMK | Large Rifle | SP7 | 2,50 | 38,6 | 1 133 | 3 716 | 2,90 | 44,8 | 1 220 | 4 003 |
| | | | | Tu5000 | 2,25 | 34,7 | 1 110 | 3 641 | 2,65 | 40,9 | 1 205 | 3 953 |
| | | | | SP11 | 2,60 | 40,1 | 1 112 | 3 649 | 3,00 | 46,3 | 1 195 | 3 921 |
| 3,89 | 60 | PART | Large Rifle | SP11 | 2,30 | 35,5 | 1 020 | 3 345 | 2,70 | 41,7 | 1 105 | 3 625 |
| | | | | Tu7000 | 2,45 | 37,8 | 1 052 | 3 452 | 2,85 | 44,0 | 1 135 | 3 724 |
| | | | | SP12 | 2,50 | 38,6 | 1 040 | 3 411 | 2,90 | 44,8 | 1 120 | 3 675 |
| 4,47 | 69 | HPBTMK | Large Rifle | SP11 | 2,25 | 34,7 | 963 | 3 158 | 2,65 | 40,9 | 1 045 | 3 428 |
| | | | | Tu7000 | 2,35 | 36,3 | 989 | 3 248 | 2,75 | 42,4 | 1 070 | 3 510 |
| | | | | SP12 | 2,45 | 37,8 | 983 | 3 224 | 2,85 | 44,0 | 1 060 | 3 478 |
| | | | | Tu8000 | 2,60 | 40,1 | 991 | 3 252 | 3,00 | 46,3 | 1 065 | 3 494 |

| 5,6 x 57 RWS et 5,6 x 57 RWS | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 56,70 4400 |
|-------------------------------------|----|-----|-------------|-------------------------------|------|------|-------|---|------|------|-------|-----------------------|
| 2,92 | 45 | SP | Large Rifle | SP7 | 2,20 | 34,0 | 1 012 | 3 323 | 2,60 | 40,1 | 1 100 | 3 609 |
| | | | | Tu5000 | 2,40 | 37,0 | 1 065 | 3 492 | 2,80 | 43,2 | 1 150 | 3 773 |
| 3,24 | 50 | SP | Large Rifle | SP7 | 2,15 | 33,2 | 1 010 | 3 313 | 2,55 | 39,4 | 1 100 | 3 609 |
| | | | | Tu5000 | 2,20 | 34,0 | 1 058 | 3 474 | 2,60 | 40,1 | 1 150 | 3 773 |
| | | | | Tu7000 | 2,30 | 35,5 | 941 | 3 087 | 2,70 | 41,7 | 1 020 | 3 346 |
| 3,56 | 55 | SP | Large Rifle | SP7 | 2,10 | 32,4 | 962 | 3 16 | 2,50 | 38,6 | 1 050 | 3 45 |
| | | | | Tu5000 | 2,15 | 33,2 | 983 | 3 222 | 2,55 | 39,4 | 1 070 | 3 510 |
| | | | | SP11 | 2,20 | 34,0 | 1 007 | 3 308 | 2,60 | 40,1 | 1 095 | 3 593 |
| | | | | Tu7000 | 2,30 | 35,5 | 1 015 | 3 330 | 2,70 | 41,7 | 1 100 | 3 609 |
| 4,54 | 70 | SSP | Large Rifle | SP10 | 1,70 | 26,2 | 846 | 2 773 | 2,10 | 32,4 | 940 | 3 084 |
| | | | | SP7 | 2,70 | 41,7 | 863 | 2 835 | 3,10 | 47,8 | 925 | 3 035 |
| | | | | Tu7000 | 2,25 | 34,7 | 917 | 3 006 | 2,65 | 40,9 | 995 | 3 264 |

| 6 mm PPC et 6 mm PPC-USA | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 38,18 4050 |
|---------------------------------|----|-------|-------------------|-------------------------------|------|------|-----|---|------|------|-----|-----------------------|
| 4,54 | 70 | TNTHP | Small Rifle Match | Tu3000 | 1,50 | 23,1 | 849 | 2 782 | 1,90 | 29,3 | 955 | 3 133 |
| | | | | SP10 | 1,50 | 23,1 | 857 | 2 811 | 1,90 | 29,3 | 965 | 3 166 |
| 4,86 | 75 | HP | Small Rifle Match | Tu3000 | 1,40 | 21,6 | 829 | 2 718 | 1,80 | 27,8 | 940 | 3 084 |
| | | | | SP10 | 1,45 | 22,4 | 841 | 2 763 | 1,85 | 28,5 | 950 | 3 117 |

| 6 mm REMINGTON BR et 6 mm BR NORMA | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 39,62 4050 |
|---|-----|--------|--------------------|-------------------------------|------|------|-----|---|------|------|-------|-----------------------|
| 3,89 | 60 | HP | Small Rifle Magnum | Tu3000 | 1,65 | 25,5 | 924 | 3 035 | 2,05 | 31,6 | 1 030 | 3 379 |
| | | | | Tu3000 | 1,55 | 23,9 | 883 | 2 894 | 1,95 | 30,1 | 990 | 3 248 |
| 4,54 | 70 | HPBTMK | Small Rifle Magnum | Tu5000 | 1,65 | 25,5 | 875 | 2 874 | 2,05 | 31,6 | 975 | 3 199 |
| | | | | SP7 | 1,75 | 27,0 | 882 | 2 894 | 2,25 | 34,7 | 1 000 | 3 281 |
| | | | | Tu5000 | 1,65 | 25,5 | 843 | 2 770 | 2,05 | 31,6 | 940 | 3 084 |
| 5,18 | 80 | SSP | Small Rifle Magnum | SP7 | 1,75 | 27,0 | 848 | 2 781 | 2,15 | 33,2 | 940 | 3 084 |
| | | | | SP11 | 1,85 | 28,5 | 816 | 2 676 | 2,25 | 34,7 | 900 | 2 953 |
| 6,48 | 100 | SPBT | Small Rifle Magnum | Tu5000 | 1,40 | 21,6 | 710 | 2 328 | 1,80 | 27,8 | 805 | 2 641 |
| | | | | SP7 | 1,50 | 23,1 | 706 | 2 316 | 1,90 | 29,3 | 795 | 2 608 |
| 6,93 | 107 | HPBTMK | Small Rifle Magnum | Tu5000 | 1,50 | 23,1 | 737 | 2 418 | 1,90 | 29,3 | 830 | 2 723 |

| .243 WINCHESTER (6,1 x 52) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 51,94 4150 |
|-----------------------------------|----|----|-------------|-------------------------------|------|------|-----|---|------|------|-------|-----------------------|
| 4,86 | 75 | HP | Large Rifle | SP9 | 2,20 | 34,0 | 970 | 3 187 | 2,60 | 40,1 | 1 055 | 3 461 |
| | | | | Tu5000 | 2,25 | 34,7 | 954 | 3 128 | 2,65 | 40,9 | 1 035 | 3 396 |
| | | | | SP7 | 2,15 | 33,2 | 895 | 2 937 | 2,55 | 39,4 | 975 | 3 199 |
| | | | | SP11 | 2,40 | 37,0 | 903 | 2 961 | 2,80 | 43,2 | 975 | 3 199 |
| 5,50 | 85 | BT | Large Rifle | Tu7000 | 2,55 | 39,4 | 944 | 3 099 | 2,95 | 45,5 | 1 015 | 3 330 |
| | | | | Tu5000 | 2,15 | 33,2 | 932 | 3 057 | 2,55 | 39,4 | 1 015 | 3 330 |



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BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

| .243 WINCHESTER (6,1 x 52) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 51,94 4150 | |
|-----------------------------------|------|-------|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 5,50 | 85 | BT | Large Rifle | SP7 | 2,15 | 33,2 | 937 | 3 071 | 2,55 | 39,4 | 1 020 | 3 346 |
| | | | | SP11 | 2,40 | 37,0 | 944 | 3 097 | 2,80 | 43,2 | 1 020 | 3 346 |
| | | | | Tu7000 | 2,45 | 37,8 | 946 | 3 101 | 2,85 | 44,0 | 1 020 | 3 346 |
| 5,83 | 90 | FMJBT | Large Rifle | Tu5000 | 2,05 | 31,6 | 869 | 2 850 | 2,45 | 37,8 | 950 | 3 117 |
| | | | | SP7 | 2,10 | 32,4 | 871 | 2 856 | 2,50 | 38,6 | 950 | 3 117 |
| | | | | SP11 | 2,10 | 32,4 | 839 | 2 750 | 2,50 | 38,6 | 915 | 3 002 |
| | | | | Tu7000 | 2,50 | 38,6 | 910 | 2 984 | 2,90 | 44,8 | 980 | 3 215 |
| 6,48 | 100 | SPBT | Large Rifle | Tu5000 | 1,85 | 28,5 | 789 | 2 586 | 2,25 | 34,7 | 870 | 2 854 |
| | | | | SP7 | 1,90 | 29,3 | 704 | 2 310 | 2,30 | 35,5 | 775 | 2 543 |
| | | | | SP11 | 2,00 | 30,9 | 758 | 2 488 | 2,40 | 37,0 | 830 | 2 723 |
| | | | | Tu7000 | 2,20 | 34,0 | 809 | 2 658 | 2,60 | 40,1 | 880 | 2 887 |
| | | | | SP12 | 2,35 | 36,3 | 786 | 2 581 | 2,75 | 42,4 | 850 | 2 789 |
| T8000 | 2,35 | 36,3 | 767 | 2 520 | 2,75 | 42,4 | 830 | 2 723 | | | | |

| 6 x 62 FRERES ET 6 x 62 R FRERES | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 61,75 4300 | |
|---|----|----|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 6,16 | 95 | BT | Large Rifle | Tu5000 | 2,70 | 41,7 | 933 | 3 065 | 3,10 | 47,8 | 1 000 | 3 281 |

| .240 WEATHERBY MAGNUM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 63,50 4400 | |
|------------------------------|-----|-----|--------------------------|-------------------------------|------|------|-------|---|------|------|-----------------------|-------|
| 4,86 | 75 | HP | Large Rifle Magnum Match | Tu7000 | 3,05 | 47,1 | 1 039 | 3 411 | 3,45 | 53,2 | 1 105 | 3 625 |
| 5,83 | 90 | SSP | Large Rifle Magnum Match | Tu7000 | 2,85 | 44,0 | 941 | 3 087 | 3,25 | 50,2 | 1 005 | 3 297 |
| | | | | SP12 | 3,10 | 47,8 | 936 | 3 071 | 3,50 | 54,0 | 995 | 3 264 |
| 6,80 | 105 | SSP | Large Rifle Magnum Match | SP12 | 2,85 | 44,0 | 885 | 2 902 | 3,25 | 50,2 | 945 | 3 100 |

| .243 WSSM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 42,42 4400 | |
|------------------|-----|-------|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 4,54 | 70 | SP | Large Rifle | Tu5000 | 2,15 | 33,2 | 987 | 3 238 | 2,55 | 39,4 | 1 075 | 3 527 |
| | | | | Tu5000 | 2,10 | 32,4 | 949 | 3 111 | 2,50 | 38,6 | 1 035 | 3 396 |
| 4,86 | 75 | V-MAX | Large Rifle | Tu7000 | 2,55 | 39,4 | 995 | 3 266 | 2,95 | 45,5 | 1 070 | 3 510 |
| | | | | SP12 | 2,65 | 40,9 | 993 | 3 256 | 3,05 | 47,1 | 1 065 | 3 494 |
| | | | | Tu7000 | 2,25 | 34,7 | 866 | 2 841 | 2,65 | 40,9 | 940 | 3 084 |
| 6,48 | 100 | PART | Large Rifle | SP12 | 2,40 | 37,0 | 866 | 2 839 | 2,80 | 43,2 | 935 | 3 068 |

| .25-06 REMINGTON | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 63,35 4500 | |
|-------------------------|-----|------|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 6,48 | 100 | SPBT | Large Rifle | Tu5000 | 2,60 | 40,1 | 824 | 2 703 | 3,00 | 46,3 | 885 | 2 904 |
| | | | | Tu7000 | 3,00 | 46,3 | 944 | 3 096 | 3,40 | 52,5 | 1 005 | 3 297 |
| | | | | SP12 | 3,25 | 50,2 | 901 | 2 958 | 3,65 | 56,3 | 955 | 3 133 |
| | | | | Tu8000 | 3,50 | 54,0 | 933 | 3 061 | 3,90 | 60,2 | 985 | 3 232 |
| 7,78 | 120 | SSP | Large Rifle | Tu7000 | 2,75 | 42,4 | 850 | 2 789 | 3,15 | 48,6 | 910 | 2 986 |
| | | | | SP12 | 2,90 | 44,8 | 806 | 2 648 | 3,30 | 50,9 | 860 | 2 822 |
| | | | | Tu8000 | 3,20 | 49,4 | 830 | 2 721 | 3,60 | 55,6 | 880 | 2 887 |

| 6,5 x 39 GRENDL | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 38,76 4300 | |
|------------------------|-----|--------------|--------------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 7,00 | 108 | Lapua Scenar | Small Rifle Magnum | Tu3000 | 1,75 | 27,0 | 782 | 2 564 | 1,95 | 30,1 | 825 | 2 707 |
| | | | | SP9 | 1,80 | 27,8 | 778 | 2 551 | 2,00 | 30,9 | 820 | 2 690 |
| 7,78 | 120 | HPBTMK | Small Rifle Magnum | SP9 | 1,80 | 27,8 | 726 | 2 381 | 2,00 | 30,9 | 765 | 2 510 |

| 6,5 x 55 SE | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 55,00 3800 | |
|--------------------|-----|-----|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 5,51 | 85 | HP | Large Rifle | Tu5000 | 2,60 | 40,1 | 964 | 3 160 | 3,00 | 46,3 | 1 035 | 3 396 |
| | | | | SP11 | 2,85 | 44,0 | 993 | 3 256 | 3,25 | 50,2 | 1 060 | 3 478 |
| 7,78 | 120 | SPT | Large Rifle | Tu5000 | 2,30 | 35,5 | 794 | 2 604 | 2,70 | 41,7 | 860 | 2 822 |
| | | | | SP11 | 2,60 | 40,1 | 852 | 2 794 | 3,00 | 46,3 | 915 | 3 002 |
| | | | | Tu7000 | 2,55 | 39,4 | 809 | 2 656 | 2,95 | 45,5 | 870 | 2 854 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|-------|------------------|-------|------------------------------------|-------|------------------|-------|
| Type / Type | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |

| .260 REMINGTON | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 51,18 4150 | |
|-----------------------|-----|--------|--------------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 6,48 | 100 | PART | Large Rifle Magnum | Tu5000 | 2,15 | 33,2 | 863 | 2 831 | 2,55 | 39,4 | 940 | 3 084 |
| | | | | SP11 | 2,25 | 34,7 | 862 | 2 826 | 2,65 | 40,9 | 935 | 3 068 |
| 7,78 | 120 | SPT | Large Rifle Magnum | Tu5000 | 2,25 | 34,7 | 815 | 2 675 | 2,65 | 40,9 | 885 | 2 904 |
| | | | | SP11 | 2,30 | 35,5 | 794 | 2 604 | 2,70 | 41,7 | 860 | 2 822 |
| | | | | Tu7000 | 2,35 | 36,3 | 795 | 2 611 | 2,75 | 42,4 | 860 | 2 822 |
| 9,20 | 142 | HPBTMK | Large Rifle Magnum | Tu7000 | 2,45 | 37,8 | 779 | 2 554 | 2,85 | 44,0 | 840 | 2 756 |
| | | | | SP12 | 2,50 | 38,6 | 780 | 2 558 | 2,90 | 44,8 | 840 | 2 756 |

| 6,5 x 57 (.256 MAUSER) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 56,70 3900 | |
|-------------------------------|-----|-----|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 6,00 | 93 | SSP | Large Rifle | SP9 | 2,45 | 37,8 | 885 | 2 904 | 2,85 | 44,0 | 955 | 3 133 |
| | | | | SP11 | 2,70 | 41,7 | 919 | 3 019 | 3,10 | 47,8 | 985 | 3 232 |
| 6,48 | 100 | HP | Large Rifle | Tu3000 | 2,25 | 34,7 | 871 | 2 855 | 2,65 | 40,9 | 945 | 3 100 |
| | | | | SP9 | 2,35 | 36,3 | 855 | 2 808 | 2,75 | 42,4 | 925 | 3 035 |
| | | | | Tu5000 | 2,45 | 37,8 | 909 | 2 980 | 2,85 | 44,0 | 980 | 3 215 |
| | | | | Tu7000 | 2,60 | 40,1 | 856 | 2 809 | 3,00 | 46,3 | 920 | 3 018 |
| 7,78 | 120 | SPT | Large Rifle | Tu5000 | 2,45 | 37,8 | 816 | 2 676 | 2,85 | 44,0 | 880 | 2 887 |
| | | | | Tu7000 | 2,50 | 38,6 | 798 | 2 619 | 2,90 | 44,8 | 860 | 2 822 |
| | | | | SP12 | 2,90 | 44,8 | 862 | 2 831 | 3,30 | 50,9 | 920 | 3 018 |
| 9,10 | 140 | SBT | Large Rifle | Tu7000 | 2,40 | 37,0 | 764 | 2 505 | 2,80 | 43,2 | 825 | 2 707 |
| | | | | SP12 | 2,60 | 40,1 | 768 | 2 519 | 3,00 | 46,3 | 825 | 2 707 |
| 9,10 | 140 | GS | Large Rifle | Tu8000 | 2,80 | 43,2 | 767 | 2 516 | 3,20 | 49,4 | 820 | 2 690 |
| | | | | Tu5000 | 2,35 | 36,3 | 749 | 2 458 | 2,75 | 42,4 | 810 | 2 657 |
| | | | | SP11 | 2,40 | 37,0 | 731 | 2 399 | 2,80 | 43,2 | 790 | 2 592 |

| 6,5 x 63 et 6,5 x 63 R MESSNER MAGNUM | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 63,00 4400 | |
|--|-----|----|--------------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 7,78 | 120 | BT | Large Rifle Magnum | Tu7000 | 3,70 | 57,1 | 955 | 3 131 | 4,10 | 63,3 | 1 005 | 3 297 |

| 6,5 x 68 | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 67,50 4400 | |
|-----------------|-----|--------|--------------------|-------------------------------|------|------|-------|---|------|------|-----------------------|-------|
| 6,00 | 93 | SSP | Large Rifle Magnum | SP11 | 3,70 | 57,1 | 1 016 | 3 334 | 4,10 | 63,3 | 1 070 | 3 510 |
| | | | | Tu7000 | 4,20 | 64,8 | 1 070 | 3 511 | 4,60 | 71,0 | 1 120 | 3 675 |
| | | | | SP12 | 4,20 | 64,8 | 1 070 | 3 511 | 4,60 | 71,0 | 1 120 | 3 675 |
| | | | | T8000 | 4,30 | 66,4 | 1 052 | 3 454 | 4,70 | 72,5 | 1 100 | 3 609 |
| 6,48 | 100 | HP | Large Rifle Magnum | Tu7000 | 3,60 | 55,6 | 1 010 | 3 317 | 4,00 | 61,7 | 1 065 | 3 494 |
| | | | | SP12 | 4,35 | 67,1 | 1 014 | 3 328 | 4,75 | 73,3 | 1 060 | 3 478 |
| 7,78 | 120 | BT | Large Rifle Magnum | SP12 | 3,90 | 60,2 | 933 | 3 061 | 4,30 | 66,4 | 980 | 3 215 |
| | | | | Tu8000 | 4,00 | 61,7 | 963 | 3 159 | 4,40 | 67,9 | 1 010 | 3 314 |
| 7,78 | 120 | HPBTMK | Large Rifle Magnum | Tu7000 | 3,55 | 54,8 | 953 | 3 125 | 3,95 | 61,0 | 1 005 | 3 297 |
| | | | | SP12 | 4,15 | 64,0 | 960 | 3 148 | 4,55 | 70,2 | 1 005 | 3 297 |
| | | | | Tu8000 | 3,85 | 59,4 | 952 | 3 122 | 4,25 | 65,6 | 1 000 | 3 281 |
| 9,07 | 140 | HPBTMK | Large Rifle Magnum | Tu8000 | 3,85 | 59,4 | 895 | 2 935 | 4,25 | 65,6 | 940 | 3 084 |

| .270 WINCHESTER (6,9 x 62) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 66,52 4300 | |
|-----------------------------------|-----|-------------|-------------|-------------------------------|------|------|-----|---|------|------|-----------------------|-------|
| 6,48 | 100 | SP | Large Rifle | SP7 | 2,80 | 43,2 | 949 | 3 114 | 3,20 | 49,4 | 1 015 | 3 330 |
| | | | | Tu5000 | 2,90 | 44,8 | 961 | 3 155 | 3,30 | 50,9 | 1 025 | 3 363 |
| | | | | SP11 | 3,15 | 48,6 | 918 | 3 013 | 3,55 | 54,8 | 975 | 3 199 |
| | | | | Tu7000 | 3,55 | 54,8 | 967 | 3 171 | 3,95 | 61,0 | 1 020 | 3 346 |
| 8,75 | 135 | HPBTMK | Large Rifle | Tu7000 | 3,15 | 48,6 | 890 | 2 919 | 3,55 | 54,8 | 945 | 3 100 |
| | | | | SP12 | 3,20 | 49,4 | 849 | 2 783 | 3,60 | 55,6 | 900 | 2 953 |
| 9,27 | 143 | GPA Sologne | Large Rifle | Tu5000 | 2,90 | 44,8 | 850 | 2 789 | 2,90 | 44,8 | 850 | 2 789 |
| 9,72 | 150 | SBT | Large Rifle | Tu5000 | 2,50 | 38,6 | 771 | 2 528 | 2,90 | 44,8 | 830 | 2 723 |

ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

.270 WINCHESTER (6,9 x 62)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 64,52 4300 | |
|-------|-----|------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 9,72 | 150 | SBT | Large Rifle | SP11 | 2,60 | 40,1 | 768 | 2 519 | 3,00 | 46,3 | 825 | 2 707 |
| | | | | Tu7000 | 3,00 | 46,3 | 836 | 2 742 | 3,40 | 52,5 | 890 | 2 920 |
| | | | | SP12 | 3,05 | 47,1 | 780 | 2 562 | 3,45 | 53,2 | 830 | 2 723 |
| 9,72 | 150 | GS | Large Rifle | SP11 | 2,50 | 38,6 | 696 | 2 284 | 2,90 | 44,8 | 750 | 2 461 |
| | | | | Tu7000 | 2,95 | 45,5 | 779 | 2 555 | 3,35 | 51,7 | 830 | 2 723 |
| | | | | SP12 | 3,30 | 50,9 | 826 | 2 711 | 3,70 | 57,1 | 875 | 2 871 |
| | | | | Tu8000 | 3,35 | 51,7 | 841 | 2 759 | 3,75 | 57,9 | 890 | 2 920 |
| 10,37 | 160 | PART | Large Rifle | Tu7000 | 2,90 | 44,8 | 787 | 2 586 | 3,30 | 50,9 | 840 | 2 756 |
| | | | | SP12 | 3,10 | 47,8 | 795 | 2 608 | 3,50 | 54,0 | 845 | 2 772 |
| | | | | Tu8000 | 3,30 | 50,9 | 784 | 2 571 | 3,70 | 57,1 | 830 | 2 723 |

.270 WSM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 53,34 4400 | |
|-------|-----|------|--------------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 7,78 | 120 | FB | Large Rifle Magnum | Tu7000 | 3,50 | 54,0 | 943 | 3 091 | 3,90 | 60,2 | 995 | 3 264 |
| | | | | SP12 | 3,85 | 59,4 | 942 | 3 091 | 4,25 | 65,6 | 990 | 3 248 |
| 8,42 | 130 | GS | Large Rifle Magnum | Tu7000 | 3,50 | 54,0 | 919 | 3 014 | 3,90 | 60,2 | 970 | 3 182 |
| | | | | SP12 | 3,85 | 59,4 | 923 | 3 028 | 4,25 | 65,6 | 970 | 3 182 |
| | | | | Tu8000 | 3,85 | 59,4 | 938 | 3 075 | 4,25 | 65,6 | 985 | 3 232 |
| 10,37 | 160 | PART | Large Rifle Magnum | SP11 | 3,00 | 46,3 | 817 | 2 680 | 3,40 | 52,5 | 870 | 2 854 |
| | | | | Tu7000 | 3,15 | 48,6 | 843 | 2 765 | 3,55 | 54,8 | 895 | 2 936 |
| | | | | SP12 | 3,35 | 51,7 | 832 | 2 728 | 3,75 | 57,9 | 880 | 2 887 |

.270 WEATHERBY MAGNUM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 66,74 4400 | |
|------|-----|------|--------------------------|------------------------|------|------|-------|---|------|------|---------------|-------|
| 6,48 | 100 | HP | Large Rifle Magnum Match | SP7 | 3,60 | 55,6 | 982 | 3 224 | 4,00 | 61,7 | 1 035 | 3 396 |
| | | | | Tu5000 | 3,75 | 57,9 | 1 046 | 3 433 | 4,15 | 64,0 | 1 100 | 3 609 |
| | | | | Tu7000 | 4,20 | 64,8 | 1 042 | 3 416 | 4,60 | 71,0 | 1 090 | 3 576 |
| | | | | SP12 | 4,35 | 67,1 | 1 024 | 3 358 | 4,75 | 73,3 | 1 070 | 3 510 |
| 9,72 | 150 | PART | Large Rifle Magnum Match | Tu8000 | 4,70 | 72,5 | 994 | 3 259 | 5,10 | 78,7 | 1 035 | 3 396 |
| | | | | SP12 | 4,00 | 61,7 | 882 | 2 893 | 4,40 | 67,9 | 925 | 3 035 |
| | | | | Tu8000 | 4,20 | 64,8 | 936 | 3 071 | 4,60 | 71,0 | 980 | 3 215 |

7 x 57 (.276 MAUSER)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 57,00 3900 | |
|-------|-----|------------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 8,42 | 130 | SPBT | Large Rifle | Tu5000 | 2,35 | 36,3 | 781 | 2 565 | 2,75 | 42,4 | 845 | 2 772 |
| | | | | SP11 | 2,65 | 40,9 | 792 | 2 599 | 3,05 | 47,1 | 850 | 2 789 |
| | | | | Tu7000 | 2,85 | 44,0 | 815 | 2 672 | 3,25 | 50,2 | 870 | 2 854 |
| 9,07 | 140 | PART | Large Rifle | Tu5000 | 2,85 | 44,0 | 805 | 2 642 | 3,25 | 50,2 | 860 | 2 822 |
| | | | | SP11 | 2,65 | 40,9 | 778 | 2 553 | 3,05 | 47,1 | 835 | 2 740 |
| 10,37 | 160 | GS | Large Rifle | SP7 | 2,30 | 35,5 | 720 | 2 361 | 2,70 | 41,7 | 780 | 2 559 |
| | | | | Tu7000 | 2,60 | 40,1 | 721 | 2 367 | 3,00 | 46,3 | 775 | 2 543 |
| 11,34 | 175 | GS | Large Rifle | Tu7000 | 2,55 | 39,4 | 716 | 2 351 | 2,95 | 45,5 | 770 | 2 526 |
| | | | | SP12 | 2,75 | 42,4 | 663 | 2 175 | 3,15 | 48,6 | 710 | 2 329 |
| | | | | Tu8000 | 2,75 | 42,4 | 687 | 2 252 | 3,15 | 48,6 | 735 | 2 411 |
| 10,90 | 168 | RCBS coulé | Large Rifle | Ba6 | 0,90 | 13,9 | 407 | 1 335 | 1,10 | 17,0 | 450 | 1 476 |

7 x 57 R

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 57,00 3400 | |
|-------|-----|------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 10,00 | 154 | SSP | Large Rifle | SP7 | 2,35 | 36,3 | 716 | 2 353 | 2,75 | 42,4 | 775 | 2 543 |
| | | | | Tu5000 | 2,50 | 38,6 | 733 | 2 406 | 2,90 | 44,8 | 790 | 2 592 |
| | | | | SP12 | 2,65 | 40,9 | 708 | 2 323 | 3,05 | 47,1 | 760 | 2 493 |
| 10,50 | 162 | SPBT | Large Rifle | Tu5000 | 2,05 | 31,6 | 681 | 2 235 | 2,45 | 37,8 | 745 | 2 444 |
| | | | | SP11 | 2,20 | 34,0 | 690 | 2 266 | 2,60 | 40,1 | 750 | 2 461 |
| | | | | Tu7000 | 2,40 | 37,0 | 704 | 2 307 | 2,80 | 43,2 | 760 | 2 493 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

7 x 57 R

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 57,00
3400

| | | | | | | | | | | | | |
|-------|-----|------|-------------|--------|------|------|-----|-------|------|------|-----|-------|
| 10,50 | 162 | SPBT | Large Rifle | SP12 | 2,95 | 45,5 | 713 | 2 339 | 3,35 | 51,7 | 760 | 2 493 |
| | | | | T8000 | 3,00 | 46,3 | 742 | 2 434 | 3,40 | 52,5 | 790 | 2 592 |
| 11,34 | 175 | GS | Large Rifle | Tu7000 | 2,55 | 39,4 | 688 | 2 259 | 2,95 | 45,5 | 740 | 2 428 |
| | | | | SP12 | 2,75 | 42,4 | 663 | 2 175 | 3,15 | 48,6 | 710 | 2 329 |
| | | | | Tu8000 | 2,75 | 42,4 | 687 | 2 252 | 3,15 | 48,6 | 735 | 2 411 |

7 mm BR

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 38,60
4050

| | | | | | | | | | | | | |
|------|-----|-------------|-------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 9,40 | 145 | HPBTMK | Small Rifle Match | Tu3000 | 1,40 | 21,6 | 578 | 1 894 | 1,80 | 27,8 | 655 | 2 149 |
| | | | | SP10 | 1,30 | 20,1 | 525 | 1 725 | 1,70 | 26,2 | 600 | 1 969 |
| 9,40 | 145 | GIAT blindé | Small Rifle Match | SP10 | 1,40 | 21,6 | 591 | 1 937 | 1,80 | 27,8 | 670 | 2 198 |
| | | | | Tu3000 | 1,50 | 23,1 | 666 | 2 185 | 1,90 | 29,3 | 750 | 2 461 |
| 9,72 | 150 | HPBTMK | Small Rifle Match | SP10 | 1,45 | 22,4 | 664 | 2 182 | 1,85 | 28,5 | 750 | 2 461 |

7 mm-08 REMINGTON

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 51,69
4150

| | | | | | | | | | | | | |
|-------|-----|--------|-------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 7,45 | 115 | HP | Large Rifle Match | SP7 | 2,50 | 38,6 | 826 | 2 710 | 2,90 | 44,8 | 890 | 2 920 |
| | | | | Tu5000 | 2,40 | 37,0 | 838 | 2 748 | 2,80 | 43,2 | 905 | 2 969 |
| 9,40 | 145 | HPBTMK | Large Rifle Match | Tu5000 | 2,30 | 35,5 | 766 | 2 512 | 2,70 | 41,7 | 830 | 2 723 |
| | | | | SP11 | 2,60 | 40,1 | 777 | 2 550 | 3,00 | 46,3 | 835 | 2 740 |
| | | | | Tu7000 | 2,70 | 41,7 | 826 | 2 712 | 3,10 | 47,8 | 885 | 2 904 |
| 9,72 | 150 | SBT | Large Rifle Match | Tu5000 | 2,20 | 34,0 | 763 | 2 507 | 2,60 | 40,1 | 830 | 2 723 |
| | | | | SP11 | 2,50 | 38,6 | 775 | 2 543 | 2,90 | 44,8 | 835 | 2 740 |
| | | | | Tu7000 | 2,50 | 38,6 | 775 | 2 543 | 2,90 | 44,8 | 835 | 2 740 |
| 10,50 | 162 | SPBT | Large Rifle Match | Tu5000 | 2,20 | 34,0 | 736 | 2 417 | 2,60 | 40,1 | 800 | 2 625 |
| | | | | SP11 | 2,45 | 37,8 | 742 | 2 433 | 2,85 | 44,0 | 800 | 2 625 |
| | | | | Tu7000 | 2,55 | 39,4 | 744 | 2 443 | 2,95 | 45,5 | 800 | 2 625 |
| 11,34 | 175 | GS | Large Rifle Match | Tu7000 | 2,45 | 37,8 | 719 | 2 357 | 2,85 | 44,0 | 775 | 2 543 |
| | | | | SP12 | 2,65 | 40,9 | 718 | 2 354 | 3,05 | 47,1 | 770 | 2 526 |

.280 REMINGTON (7,1 x 64)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 64,52
4050

| | | | | | | | | | | | | |
|-------|-----|--------|-------------|--------|------|------|-----|-------|------|------|-----|-------|
| 9,40 | 145 | HPBTMK | Large Rifle | Tu5000 | 2,45 | 37,8 | 765 | 2 509 | 2,85 | 44,0 | 825 | 2 707 |
| | | | | SP11 | 2,70 | 41,7 | 775 | 2 543 | 3,10 | 47,8 | 830 | 2 723 |
| | | | | Tu7000 | 2,85 | 44,0 | 787 | 2 580 | 3,25 | 50,2 | 840 | 2 756 |
| 10,37 | 160 | GS | Large Rifle | Tu5000 | 2,35 | 36,3 | 712 | 2 337 | 2,75 | 42,4 | 770 | 2 526 |
| | | | | SP11 | 2,70 | 41,7 | 737 | 2 421 | 3,10 | 47,8 | 790 | 2 592 |
| 11,34 | 175 | PART | Large Rifle | Tu5000 | 2,20 | 34,0 | 681 | 2 236 | 2,60 | 40,1 | 740 | 2 428 |
| | | | | Tu7000 | 2,80 | 43,2 | 748 | 2 455 | 3,20 | 49,4 | 800 | 2 625 |
| 11,34 | 175 | GS | Large Rifle | Tu5000 | 2,15 | 33,2 | 652 | 2 138 | 2,55 | 39,4 | 710 | 2 329 |
| | | | | SP11 | 2,50 | 38,6 | 687 | 2 254 | 2,90 | 44,8 | 740 | 2 428 |
| | | | | Tu7000 | 2,70 | 41,7 | 705 | 2 314 | 3,10 | 47,8 | 755 | 2 477 |

7 x 64

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 64,00
4150

| | | | | | | | | | | | | |
|-------|-----|------------|-------------|--------|------|------|-----|-------|------|------|-------|-------|
| 7,13 | 110 | TNTHP | Large Rifle | Tu5000 | 2,70 | 41,7 | 849 | 2 789 | 3,10 | 47,8 | 910 | 2 986 |
| | | | | SP11 | 3,25 | 50,2 | 948 | 3 113 | 3,65 | 56,3 | 1 005 | 3 297 |
| | | | | Tu7000 | 3,45 | 53,2 | 975 | 3 198 | 3,85 | 59,4 | 1 030 | 3 379 |
| | | | | SP12 | 3,65 | 56,3 | 902 | 2 958 | 4,05 | 62,5 | 950 | 3 117 |
| 9,07 | 140 | BT | Large Rifle | Tu5000 | 2,50 | 38,6 | 803 | 2 634 | 2,90 | 44,8 | 865 | 2 838 |
| | | | | SP11 | 2,90 | 44,8 | 867 | 2 847 | 3,30 | 50,9 | 925 | 3 035 |
| | | | | Tu7000 | 3,00 | 46,3 | 841 | 2 757 | 3,40 | 52,5 | 895 | 2 936 |
| | | | | SP12 | 3,30 | 50,9 | 855 | 2 803 | 3,70 | 57,1 | 905 | 2 969 |
| 11,34 | 175 | SSP | Large Rifle | Tu5000 | 2,70 | 41,7 | 733 | 2 405 | 3,10 | 47,8 | 785 | 2 575 |
| | | | | Tu7000 | 3,05 | 47,1 | 752 | 2 470 | 3,45 | 53,2 | 800 | 2 625 |
| | | | | Tu8000 | 3,15 | 48,6 | 758 | 2 487 | 3,55 | 54,8 | 805 | 2 641 |
| 10,90 | 168 | RCBS coulé | Large Rifle | AO | 1,39 | 21,5 | 530 | 1 741 | 1,55 | 23,9 | 560 | 1 837 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

7 x 65 R BRENNKEKE

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 65,00 3800 |
|-------|-----|-----|-------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 9,40 | 145 | GS | Large Rifle | Tu5000 | 2,70 | 41,7 | 784 | 2 574 | 3,10 | 47,8 | 840 | 2 756 |
| | | | | SP11 | 2,90 | 44,8 | 778 | 2 555 | 3,30 | 50,9 | 830 | 2 723 |
| | | | | Tu7000 | 3,05 | 47,1 | 766 | 2 516 | 3,45 | 53,2 | 815 | 2 674 |
| 9,98 | 154 | SST | Large Rifle | Tu5000 | 2,60 | 40,1 | 777 | 2 550 | 3,00 | 46,3 | 835 | 2 740 |
| | | | | SP11 | 2,80 | 43,2 | 786 | 2 577 | 3,20 | 49,4 | 840 | 2 756 |
| | | | | Tu7000 | 3,00 | 46,3 | 808 | 2 650 | 3,40 | 52,5 | 860 | 2 822 |
| 11,34 | 175 | SP | Large Rifle | SP12 | 3,20 | 49,4 | 839 | 2 752 | 3,60 | 55,6 | 890 | 2 920 |
| | | | | Tu5000 | 2,55 | 39,4 | 748 | 2 458 | 2,95 | 45,5 | 805 | 2 641 |
| | | | | SP11 | 2,60 | 40,1 | 749 | 2 458 | 3,00 | 46,3 | 805 | 2 641 |
| 11,34 | 175 | GS | Large Rifle | Tu7000 | 2,75 | 42,4 | 752 | 2 467 | 3,15 | 48,6 | 805 | 2 641 |
| | | | | SP12 | 3,10 | 47,8 | 781 | 2 562 | 3,50 | 54,0 | 830 | 2 723 |
| | | | | Tu5000 | 2,55 | 39,4 | 744 | 2 443 | 2,95 | 45,5 | 800 | 2 625 |
| 11,34 | 175 | GS | Large Rifle | SP11 | 2,65 | 40,9 | 708 | 2 323 | 3,05 | 47,1 | 760 | 2 493 |
| | | | | Tu7000 | 2,85 | 44,0 | 740 | 2 427 | 3,25 | 50,2 | 790 | 2 592 |

7 mm REMINGTON MAGNUM (7 x 63.5)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 63,50 4300 |
|-------|-----|------|--------------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 8,42 | 130 | SPBT | Large Rifle Magnum | Tu7000 | 3,75 | 57,9 | 922 | 3 027 | 4,15 | 64,0 | 970 | 3 182 |
| | | | | SP12 | 4,10 | 63,3 | 912 | 2 992 | 4,50 | 69,4 | 955 | 3 133 |
| | | | | Tu8000 | 4,15 | 64,0 | 936 | 3 070 | 4,55 | 70,2 | 980 | 3 215 |
| 9,40 | 145 | GS | Large Rifle Magnum | Tu7000 | 3,50 | 54,0 | 890 | 2 921 | 3,90 | 60,2 | 940 | 3 084 |
| | | | | SP12 | 2,90 | 44,8 | 756 | 2 479 | 4,30 | 66,4 | 920 | 3 018 |
| | | | | Tu8000 | 3,10 | 47,8 | 784 | 2 573 | 4,50 | 69,4 | 945 | 3 100 |
| 10,37 | 160 | MT | Large Rifle Magnum | Tu7000 | 3,25 | 50,2 | 835 | 2 742 | 3,65 | 56,3 | 885 | 2 904 |
| | | | | SP12 | 3,75 | 57,9 | 832 | 2 731 | 4,15 | 64,0 | 875 | 2 871 |
| | | | | Tu8000 | 3,90 | 60,2 | 867 | 2 843 | 4,30 | 66,4 | 910 | 2 986 |
| 10,50 | 162 | SST | Large Rifle Magnum | Tu7000 | 3,40 | 52,5 | 837 | 2 749 | 3,80 | 58,6 | 885 | 2 904 |
| | | | | SP12 | 3,70 | 57,1 | 864 | 2 836 | 4,10 | 63,3 | 910 | 2 986 |
| | | | | Tu8000 | 3,85 | 59,4 | 866 | 2 841 | 4,25 | 65,6 | 910 | 2 986 |

7 mm WEATHERBY MAGNUM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 64,74 4480 |
|-------|-----|--------|--------------------|------------------------|------|------|-------|---|------|------|-------|---------------|
| 6,48 | 100 | HP | Large Rifle Magnum | Tu7000 | 4,35 | 67,1 | 1 053 | 3 453 | 4,75 | 73,3 | 1 100 | 3 609 |
| | | | | Tu7000 | 4,20 | 64,8 | 1 003 | 3 291 | 4,60 | 71,0 | 1 050 | 3 445 |
| 7,45 | 115 | HP | Large Rifle Magnum | SP12 | 4,50 | 69,4 | 1 045 | 3 426 | 4,90 | 75,6 | 1 090 | 3 576 |
| | | | | Tu8000 | 4,60 | 71,0 | 1 007 | 3 304 | 5,00 | 77,2 | 1 050 | 3 445 |
| | | | | Tu7000 | 4,00 | 61,7 | 992 | 3 252 | 4,40 | 67,9 | 1 040 | 3 412 |
| 8,42 | 130 | HPBTMK | Large Rifle Magnum | SP12 | 4,15 | 64,0 | 969 | 3 180 | 4,55 | 70,2 | 1 015 | 3 330 |
| | | | | Tu8000 | 4,25 | 65,6 | 985 | 3 230 | 4,65 | 71,8 | 1 030 | 3 379 |
| | | | | Tu7000 | 3,95 | 61,0 | 901 | 2 956 | 4,35 | 67,1 | 945 | 3 100 |
| 9,40 | 145 | SSBT | Large Rifle Magnum | SP12 | 4,25 | 65,6 | 909 | 2 981 | 4,45 | 68,7 | 930 | 3 051 |
| | | | | Tu8000 | 4,35 | 67,1 | 914 | 2 998 | 4,75 | 73,3 | 955 | 3 133 |
| | | | | Tu7000 | 4,00 | 61,7 | 934 | 3 065 | 4,40 | 67,9 | 980 | 3 215 |
| 9,72 | 150 | PSP | Large Rifle Magnum | SP12 | 4,20 | 64,8 | 956 | 3 134 | 4,60 | 71,0 | 1 000 | 3 281 |
| | | | | Tu8000 | 4,40 | 67,9 | 933 | 3 062 | 4,80 | 74,1 | 975 | 3 199 |
| | | | | Tu7000 | 3,80 | 58,6 | 870 | 2 855 | 4,20 | 64,8 | 915 | 3 002 |
| 10,37 | 160 | PART | Large Rifle Magnum | SP12 | 4,00 | 61,7 | 863 | 2 830 | 4,40 | 67,9 | 905 | 2 969 |
| | | | | Tu8000 | 4,35 | 67,1 | 933 | 3 061 | 4,75 | 73,3 | 975 | 3 199 |
| | | | | Tu7000 | 3,55 | 54,8 | 820 | 2 690 | 3,95 | 61,0 | 865 | 2 838 |
| 11,34 | 175 | MT | Large Rifle Magnum | SP12 | 4,00 | 61,7 | 830 | 2 721 | 4,20 | 64,8 | 850 | 2 789 |
| | | | | Tu8000 | 4,40 | 67,9 | 875 | 2 871 | 4,60 | 71,0 | 895 | 2 936 |

7 x WSM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 53,34 4400 |
|-------|-----|------|--------------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 8,42 | 130 | SSP | Large Rifle Magnum | Tu7000 | 3,60 | 55,6 | 925 | 3 037 | 4,00 | 61,7 | 975 | 3 199 |
| | | | | SP12 | 4,00 | 61,7 | 934 | 3 065 | 4,40 | 67,9 | 980 | 3 215 |
| 9,40 | 145 | GS | Large Rifle Magnum | Tu7000 | 3,50 | 54,0 | 876 | 2 874 | 3,90 | 60,2 | 925 | 3 035 |
| | | | | SP12 | 3,90 | 60,2 | 886 | 2 905 | 4,30 | 66,4 | 930 | 3 051 |
| 9,72 | 150 | PART | Large Rifle Magnum | Tu7000 | 3,55 | 54,8 | 882 | 2 892 | 3,95 | 61,0 | 930 | 3 051 |
| 11,34 | 175 | PART | Large Rifle Magnum | Tu7000 | 3,30 | 50,9 | 807 | 2 648 | 3,70 | 57,1 | 855 | 2 805 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

| .30-30 WINCHESTER (7,62 x 51 R) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 51,80 3200 |
|--|-----|-------|-------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 9,72 | 150 | FPSP | Large Rifle | SP10 | 1,60 | 24,7 | 617 | 2 024 | 2,00 | 30,9 | 690 | 2 264 |
| | | | | Tu3000 | 1,70 | 26,2 | 607 | 1 992 | 2,10 | 32,4 | 675 | 2 215 |
| | | | | SP9 | 1,75 | 27,0 | 623 | 2 042 | 2,15 | 33,2 | 690 | 2 264 |
| | | | | Tu5000 | 1,80 | 27,8 | 633 | 2 077 | 2,20 | 34,0 | 700 | 2 297 |
| | | | | SP11 | 1,80 | 27,8 | 624 | 2 047 | 2,20 | 34,0 | 690 | 2 264 |
| 9,72 | 150 | RN-SP | Large Rifle | SP9 | 2,20 | 34,0 | 708 | 2 329 | 2,60 | 40,0 | 770 | 2 526 |
| 11,02 | 170 | FPSP | Large Rifle | Tu3000 | 1,55 | 23,9 | 544 | 1 783 | 1,95 | 30,1 | 610 | 2 001 |
| | | | | Tu5000 | 1,65 | 25,5 | 538 | 1 769 | 2,05 | 31,6 | 600 | 1 969 |
| | | | | SP11 | 1,90 | 29,3 | 541 | 1 773 | 2,30 | 35,5 | 595 | 1 952 |

| .300 SAVAGE (7,62 x 48) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 47,52 3650 |
|--------------------------------|-----|------|-------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 8,42 | 130 | FPSP | Large Rifle | Tu3000 | 2,20 | 34,0 | 740 | 2 432 | 2,60 | 40,1 | 805 | 2 641 |
| | | | | SP10 | 2,30 | 35,5 | 780 | 2 558 | 2,70 | 41,7 | 845 | 2 772 |
| | | | | SP7 | 2,30 | 35,5 | 743 | 2 437 | 2,70 | 41,7 | 805 | 2 641 |
| | | | | Tu5000 | 2,30 | 35,5 | 748 | 2 452 | 2,70 | 41,7 | 810 | 2 657 |
| | | | | SP11 | 2,65 | 40,9 | 736 | 2 415 | 3,05 | 47,1 | 790 | 2 592 |
| 9,72 | 150 | SSP | Large Rifle | Tu3000 | 2,10 | 32,4 | 692 | 2 269 | 2,50 | 38,6 | 755 | 2 477 |
| | | | | SP10 | 2,20 | 34,0 | 722 | 2 371 | 2,60 | 40,1 | 785 | 2 575 |
| | | | | SP7 | 2,15 | 33,2 | 721 | 2 364 | 2,55 | 39,4 | 785 | 2 575 |
| | | | | Tu5000 | 2,25 | 34,7 | 705 | 2 312 | 2,65 | 40,9 | 765 | 2 510 |
| 11,02 | 170 | FPSP | Large Rifle | SP11 | 2,60 | 40,1 | 712 | 2 336 | 3,00 | 46,3 | 765 | 2 510 |
| | | | | Tu3000 | 2,10 | 32,4 | 701 | 2 300 | 2,50 | 38,6 | 765 | 2 510 |
| | | | | Tu5000 | 2,25 | 34,7 | 700 | 2 296 | 2,65 | 40,9 | 760 | 2 493 |
| 11,66 | 180 | SSP | Large Rifle | SP7 | 1,95 | 30,1 | 574 | 1 882 | 2,35 | 36,3 | 630 | 2 067 |
| | | | | Tu5000 | 2,05 | 31,6 | 649 | 2 129 | 2,45 | 37,8 | 710 | 2 329 |
| | | | | SP11 | 2,45 | 37,8 | 663 | 2 174 | 2,85 | 44,0 | 715 | 2 346 |
| | | | | Tu7000 | 2,50 | 38,6 | 669 | 2 192 | 2,90 | 44,8 | 720 | 2 362 |

| 7,5 x 54 | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 54,00 3300 |
|-----------------|-----|-------------|-------------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 8,42 | 130 | SP | Large Rifle Match | Tu5000 | 2,65 | 40,9 | 797 | 2 614 | 3,05 | 47,1 | 855 | 2 805 |
| | | | | SP11 | 2,80 | 43,2 | 772 | 2 531 | 3,20 | 49,4 | 825 | 2 707 |
| 9,72 | 150 | FMJBT | Large Rifle Match | Tu5000 | 2,35 | 36,3 | 707 | 2 322 | 2,75 | 42,4 | 765 | 2 510 |
| | | | | SP11 | 2,65 | 40,9 | 722 | 2 370 | 3,05 | 47,1 | 775 | 2 543 |
| | | | | Tu7000 | 2,75 | 42,4 | 743 | 2 436 | 3,15 | 48,6 | 795 | 2 608 |
| 9,80 | 151 | GIAT blindé | Large Rifle Match | Tu5000 | 2,75 | 42,4 | 780 | 2 559 | 3,15 | 48,6 | 835 | 2 740 |

| .308 WINCHESTER (7,62 x 51) | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | 51,18 4150 |
|------------------------------------|-----|--------|-------------------|------------------------|------|------|-----|---|------|------|-----|---------------|
| 7,13 | 110 | SP | Large Rifle | Tu3000 | 2,70 | 41,7 | 891 | 2 926 | 3,10 | 47,8 | 955 | 3 133 |
| | | | | SP10 | 2,55 | 39,4 | 893 | 2 931 | 2,95 | 45,5 | 960 | 3 150 |
| 8,42 | 130 | SP | Large Rifle | Tu3000 | 2,55 | 39,4 | 874 | 2 870 | 2,95 | 45,5 | 940 | 3 084 |
| | | | | Tu5000 | 2,65 | 40,9 | 844 | 2 767 | 3,05 | 47,1 | 905 | 2 969 |
| | | | | SP11 | 3,10 | 47,8 | 894 | 2 933 | 3,50 | 54,0 | 950 | 3 117 |
| 9,70 | 150 | RWS KS | Large Rifle | Tu3000 | 2,35 | 36,3 | 777 | 2 550 | 2,75 | 42,4 | 840 | 2 756 |
| | | | | SP7 | 2,50 | 38,6 | 789 | 2 570 | 2,90 | 44,8 | 850 | 2 769 |
| | | | | Tu5000 | 2,60 | 40,1 | 791 | 2 596 | 3,00 | 46,3 | 850 | 2 789 |
| 9,72 | 150 | GS | Large Rifle | SP7 | 2,45 | 37,8 | 737 | 2 417 | 2,85 | 44,0 | 795 | 2 608 |
| | | | Large Rifle | Tu5000 | 2,50 | 38,6 | 785 | 2 573 | 2,90 | 44,8 | 845 | 2 772 |
| | | | Large Rifle | SP11 | 2,80 | 43,2 | 734 | 2 408 | 3,20 | 49,4 | 885 | 2 575 |
| 9,72 | 150 | MK | Large Rifle | SP9 | 2,60 | 40,1 | 805 | 2 652 | 3,00 | 46,0 | 865 | 2 840 |
| 10,89 | 168 | HPBTMK | Large Rifle Match | SP7 | 2,50 | 38,6 | 761 | 2 497 | 2,90 | 44,8 | 820 | 2 690 |
| | | | | Tu5000 | 2,35 | 36,3 | 740 | 2 429 | 2,75 | 42,4 | 800 | 2 625 |
| | | | | SP11 | 2,70 | 41,7 | 765 | 2 513 | 3,10 | 47,8 | 820 | 2 690 |

ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|--|------------------|-------|------------------------------------|-------|------------------|-------|
| Poids/Weight | | | | Poids/Weight | | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | |
| [g] | [grs] | | | Type / Type | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] |

.308 WINCHESTER (7,62 x 51)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 51,18 4150 | |
|-------|-----|--------------|-------------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 11,66 | 180 | GS | Large Rifle | SP7 | 2,55 | 39,4 | 748 | 2 458 | 2,95 | 45,5 | 805 | 2 641 |
| | | | | Tu5000 | 2,30 | 35,5 | 683 | 2 240 | 2,70 | 41,7 | 740 | 2 428 |
| | | | | SP11 | 2,70 | 41,7 | 695 | 2 283 | 3,10 | 47,8 | 745 | 2 444 |
| 12,96 | 200 | HPBTMK | Large Rifle Match | SP7 | 2,40 | 37,0 | 708 | 2 323 | 2,80 | 43,2 | 765 | 2 510 |
| | | | | Tu5000 | 2,20 | 34,0 | 672 | 2 205 | 2,60 | 40,1 | 730 | 2 395 |
| | | | | SP11 | 2,50 | 38,6 | 692 | 2 269 | 2,90 | 44,8 | 745 | 2 444 |
| 12,96 | 200 | GS | Large Rifle | SP7 | 2,40 | 37,0 | 704 | 2 307 | 2,80 | 43,2 | 760 | 2 493 |
| | | | | Tu5000 | 2,20 | 34,0 | 662 | 2 175 | 2,60 | 40,1 | 720 | 2 362 |
| | | | | SP11 | 2,65 | 40,9 | 671 | 2 201 | 3,05 | 47,1 | 720 | 2 362 |
| 9,72 | 150 | LYMAN coulée | Large Rifle | A0 | 0,50 | 7,7 | 363 | 1 192 | 0,80 | 12,3 | 459 | 1 506 |

.30-06 SPRINGFIELD (7,62 x 56 R)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 63,35 4050 | |
|-------|------|--------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 7,13 | 110 | SP | Large Rifle | Tu3000 | 3,00 | 46,3 | 935 | 3 065 | 3,40 | 52,5 | 995 | 3 264 |
| | | | | SP7 | 3,15 | 48,6 | 876 | 2 873 | 3,55 | 54,8 | 930 | 3 051 |
| | | | | Tu5000 | 3,10 | 47,8 | 885 | 2 902 | 3,50 | 54,0 | 940 | 3 084 |
| | | | | SP11 | 3,35 | 51,7 | 950 | 3 115 | 3,75 | 57,9 | 1 005 | 3 297 |
| 9,72 | 150 | GS | Large Rifle | SP7 | 2,90 | 44,8 | 816 | 2 678 | 3,30 | 50,9 | 870 | 2 854 |
| | | | | Tu5000 | 2,80 | 43,2 | 776 | 2 546 | 3,20 | 49,4 | 830 | 2 723 |
| | | | | SP11 | 3,35 | 51,7 | 822 | 2 697 | 3,75 | 57,9 | 870 | 2 854 |
| 10,89 | 168 | HPBTMK | Large Rifle | Tu5000 | 2,70 | 41,7 | 742 | 2 436 | 3,10 | 47,8 | 795 | 2 608 |
| | | | | SP11 | 3,15 | 48,6 | 787 | 2 580 | 3,55 | 54,8 | 835 | 2 740 |
| 11,66 | 180 | SPBT | Large Rifle | Tu5000 | 2,65 | 40,9 | 750 | 2 461 | 3,05 | 47,1 | 805 | 2 641 |
| | | | | SP11 | 2,85 | 44,0 | 754 | 2 473 | 3,25 | 50,2 | 805 | 2 641 |
| | | | | Tu7000 | 3,25 | 50,2 | 802 | 2 634 | 3,65 | 56,3 | 850 | 2 789 |
| 12,31 | 190 | HPBTMK | Large Rifle | SP12 | 3,40 | 52,5 | 766 | 2 515 | 3,80 | 58,6 | 810 | 2 657 |
| | | | | Tu5000 | 2,60 | 40,1 | 726 | 2 382 | 3,00 | 46,3 | 780 | 2 559 |
| | | | | SP11 | 2,90 | 44,8 | 755 | 2 478 | 3,30 | 50,9 | 805 | 2 641 |
| | | | | Tu7000 | 2,95 | 45,5 | 737 | 2 416 | 3,35 | 51,7 | 785 | 2 575 |
| SP12 | 3,40 | 52,5 | 780 | 2 562 | 3,80 | 58,6 | 825 | 2 707 | | | | |

.30-06 CARTRY COURT

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 60,80 3500 | |
|-------|-----|-------------------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 9,72 | 150 | FMJBT | Large Rifle | Tu5000 | 2,80 | 43,2 | 730 | 2 393 | 3,20 | 49,4 | 780 | 2 559 |
| 11,66 | 180 | SSP | Large Rifle | Tu5000 | 2,60 | 40,1 | 735 | 2 412 | 3,00 | 46,3 | 790 | 2 592 |
| | | | | SP11 | 2,85 | 44,0 | 721 | 2 365 | 3,25 | 50,2 | 770 | 2 526 |
| 9,72 | 150 | SPEER 1/2 blindée | Large Rifle | Tu3000 | 2,60 | 40,1 | 740 | 2 429 | 3,00 | 46,3 | 795 | 2 610 |
| 11,00 | 170 | SPEER 1/2 blindée | Large Rifle | Tu5000 | 2,60 | 40,1 | 706 | 2 317 | 3,00 | 46,3 | 758 | 2 490 |

.30-.284 WINCHESTER

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 55,10 3800 | |
|-------|-----|------------------|-------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 9,70 | 150 | RWS KS | Large Rifle | SP7 | 3,00 | 46,3 | 817 | 2 680 | 3,40 | 52,5 | 870 | 2 854 |
| | | | | SP11 | 3,15 | 48,6 | 810 | 2 658 | 3,55 | 54,8 | 860 | 2 822 |
| 10,89 | 168 | HPBTMK | Large Rifle | Tu5000 | 2,60 | 40,1 | 712 | 2 336 | 3,00 | 46,3 | 765 | 2 510 |
| | | | | SP11 | 3,05 | 47,1 | 757 | 2 485 | 3,45 | 53,2 | 805 | 2 641 |
| 11,02 | 170 | SPEER 1/2 blindé | Large Rifle | Tu5000 | 2,50 | 38,6 | 656 | 2 149 | 2,90 | 44,8 | 706 | 2 315 |

.300 H & H MAGNUM (7,52 x 72)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | 72,39 4300 | |
|-------|-----|--------|--------------------|------------------------|------|------|-----|---|------|------|---------------|-------|
| 8,42 | 130 | HP | Large Rifle Magnum | Tu5000 | 3,40 | 52,5 | 913 | 2 997 | 3,80 | 58,6 | 965 | 3 166 |
| | | | | SP7 | 3,60 | 55,6 | 944 | 3 098 | 4,00 | 61,7 | 995 | 3 264 |
| | | | | SP11 | 3,65 | 56,3 | 878 | 2 881 | 4,05 | 62,5 | 925 | 3 035 |
| 10,89 | 168 | HPBTMK | Large Rifle Magnum | Tu7000 | 4,25 | 65,6 | 980 | 3 215 | 4,65 | 71,8 | 1 025 | 3 363 |
| | | | | Tu5000 | 3,50 | 54,0 | 867 | 2 843 | 3,90 | 60,2 | 915 | 3 002 |
| | | | | SP7 | 3,50 | 54,0 | 867 | 2 843 | 3,90 | 60,2 | 915 | 3 002 |
| | | | | SP11 | 4,00 | 61,7 | 906 | 2 971 | 4,40 | 67,9 | 950 | 3 117 |
| 12,31 | 190 | HPBTMK | Large Rifle Magnum | Tu7000 | 4,10 | 63,3 | 907 | 2 977 | 4,50 | 69,4 | 950 | 3 117 |
| | | | | Tu5000 | 3,35 | 51,7 | 813 | 2 667 | 3,75 | 57,9 | 860 | 2 822 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

.300 H & H MAGNUM (7,52 x 72)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 72,39
4300

| | | | | | | | | | | | | |
|-------|-----|--------|--------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 12,31 | 190 | HPBTMK | Large Rifle Magnum | SP7 | 3,35 | 51,7 | 813 | 2 667 | 3,75 | 57,9 | 860 | 2 822 |
| | | | | SP11 | 3,60 | 55,6 | 816 | 2 679 | 4,00 | 61,7 | 860 | 2 822 |
| | | | | Tu7000 | 3,85 | 59,4 | 871 | 2 857 | 4,25 | 65,6 | 915 | 3 002 |
| 12,96 | 200 | PART | Large Rifle Magnum | Tu7000 | 3,70 | 57,1 | 817 | 2 680 | 4,10 | 63,3 | 860 | 2 822 |
| | | | | Tu7000 | 3,45 | 53,2 | 757 | 2 484 | 3,85 | 59,4 | 800 | 2 625 |
| 14,26 | 220 | PART | Large Rifle Magnum | SP12 | 3,70 | 57,1 | 774 | 2 540 | 4,10 | 63,3 | 815 | 2 674 |
| | | | | Tu8000 | 3,80 | 58,6 | 785 | 2 574 | 4,20 | 64,8 | 825 | 2 707 |

.300 WSM

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 53,24
4400

| | | | | | | | | | | | | |
|-------|-----|----|--------------------|--------|------|------|-----|-------|------|------|-------|-------|
| 9,72 | 150 | BT | Large Rifle Magnum | Tu5000 | 3,70 | 57,1 | 940 | 3 085 | 4,10 | 63,3 | 990 | 3 248 |
| | | | | Tu7000 | 4,10 | 63,3 | 964 | 3 165 | 4,50 | 69,4 | 1 010 | 3 314 |
| 10,69 | 165 | GS | Large Rifle Magnum | SP11 | 3,95 | 61,0 | 901 | 2 956 | 4,35 | 67,1 | 945 | 3 100 |
| | | | | Tu7000 | 4,00 | 61,7 | 901 | 2 955 | 4,40 | 67,9 | 945 | 3 100 |
| 10,69 | 165 | FB | Large Rifle Magnum | Tu7000 | 3,90 | 60,2 | 876 | 2 874 | 4,30 | 66,4 | 920 | 3 018 |
| | | | | SP12 | 4,20 | 64,8 | 898 | 2 946 | 4,60 | 71,0 | 940 | 3 084 |
| | | | | Tu8000 | 4,35 | 67,1 | 890 | 2 919 | 4,75 | 73,3 | 930 | 3 051 |
| 12,96 | 300 | GS | Large Rifle Magnum | SP11 | 3,60 | 55,6 | 825 | 2 709 | 4,00 | 61,7 | 870 | 2 854 |
| | | | | Tu7000 | 3,60 | 55,6 | 830 | 2 725 | 4,00 | 61,7 | 875 | 2 871 |

.300 WINCHESTER MAGNUM (7,62 x 66)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 66,55
4400

| | | | | | | | | | | | | |
|-------|-----|--------|--------------------|--------|------|------|-----|-------|------|------|-------|-------|
| 9,72 | 150 | GS | Large Rifle Magnum | SP11 | 4,10 | 63,3 | 897 | 2 945 | 4,50 | 69,4 | 940 | 3 084 |
| | | | | Tu7000 | 4,35 | 67,1 | 904 | 2 966 | 4,75 | 73,3 | 945 | 3 100 |
| | | | | SP12 | 4,80 | 74,1 | 946 | 3 107 | 5,20 | 80,2 | 985 | 3 232 |
| | | | | Tu8000 | 4,85 | 74,8 | 961 | 3 153 | 5,25 | 81,0 | 1 000 | 3 281 |
| 10,69 | 165 | SSP | Large Rifle Magnum | Tu7000 | 4,40 | 67,9 | 895 | 2 937 | 4,80 | 74,1 | 935 | 3 068 |
| | | | | SP12 | 4,55 | 70,2 | 892 | 2 925 | 4,95 | 76,4 | 930 | 3 051 |
| | | | | Tu8000 | 5,00 | 77,2 | 962 | 3 159 | 5,40 | 83,3 | 1 000 | 3 281 |
| 10,69 | 165 | RWS KS | Large Rifle Magnum | SP12 | 4,40 | 67,9 | 929 | 3 046 | 4,80 | 74,1 | 970 | 3 182 |
| | | | | Tu8000 | 4,65 | 71,8 | 940 | 3 087 | 5,05 | 77,9 | 980 | 3 215 |
| | | | | Tu7000 | 4,30 | 66,4 | 870 | 2 858 | 4,70 | 72,5 | 910 | 2 986 |
| 11,66 | 180 | MT | Large Rifle Magnum | SP12 | 4,50 | 69,4 | 862 | 2 829 | 4,90 | 75,6 | 900 | 2 953 |
| | | | | Tu8000 | 4,70 | 72,5 | 874 | 2 866 | 5,10 | 78,7 | 910 | 2 986 |
| | | | | Tu7000 | 4,05 | 62,5 | 825 | 2 707 | 4,45 | 68,7 | 865 | 2 838 |
| 12,96 | 200 | GS | Large Rifle Magnum | SP12 | 4,35 | 67,1 | 770 | 2 527 | 4,75 | 73,3 | 805 | 2 641 |
| | | | | Tu8000 | 4,45 | 68,7 | 833 | 2 735 | 4,85 | 74,8 | 870 | 2 854 |

.308 NORMA MAGNUM

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 65,00
4400

| | | | | | | | | | | | | |
|-------|-----|-----|--------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 11,66 | 180 | SST | Large Rifle Magnum | SP12 | 4,35 | 67,1 | 871 | 2 857 | 4,75 | 73,3 | 910 | 2 986 |
| | | | | Tu8000 | 4,50 | 69,4 | 882 | 2 892 | 4,90 | 75,6 | 920 | 3 018 |
| 12,96 | 200 | SSP | Large Rifle Magnum | SP12 | 3,95 | 61,0 | 791 | 2 596 | 4,35 | 67,1 | 830 | 2 723 |
| | | | | Tu8000 | 4,05 | 62,5 | 773 | 2 534 | 4,45 | 68,7 | 810 | 2 657 |

.300 WEATHERBY MAGNUM (7,62 x 71,5)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 71,76
4400

| | | | | | | | | | | | | |
|-------|-----|--------|--------------------|--------|------|------|-----|-------|------|------|-------|-------|
| 10,69 | 165 | BT | Large Rifle Magnum | Tu7000 | 4,45 | 68,7 | 934 | 3 066 | 4,85 | 74,8 | 975 | 3 199 |
| | | | | SP12 | 5,10 | 78,7 | 992 | 3 253 | 5,50 | 84,9 | 1 030 | 3 379 |
| | | | | Tu8000 | 5,15 | 79,5 | 987 | 3 241 | 5,55 | 85,6 | 1 025 | 3 363 |
| 11,66 | 180 | PART | Large Rifle Magnum | Tu7000 | 4,65 | 71,8 | 902 | 2 961 | 5,05 | 77,9 | 940 | 3 084 |
| | | | | SP12 | 4,65 | 71,8 | 892 | 2 929 | 5,05 | 77,9 | 930 | 3 051 |
| | | | | Tu8000 | 5,15 | 79,5 | 949 | 3 115 | 5,55 | 85,6 | 985 | 3 232 |
| 12,31 | 190 | HPBTMK | Large Rifle Magnum | Tu7000 | 4,50 | 69,4 | 915 | 3 002 | 4,90 | 75,6 | 955 | 3 133 |
| | | | | SP12 | 4,75 | 73,3 | 912 | 2 993 | 5,15 | 79,5 | 950 | 3 117 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

.300 WEATHERBY MAGNUM (7,62 x 71,5)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 71,76 4400 | | |
|-------|-----|--------|--------------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 12,31 | 190 | HPBTMK | Large Rifle Magnum | Tu8000 | 4,80 | 74,1 | 913 | 2 996 | 5,20 | 80,2 | 950 | 3 117 |
| | | | | Tu7000 | 4,45 | 68,7 | 857 | 2 814 | 4,85 | 74,8 | 895 | 2 936 |
| 12,96 | 200 | SSP | Large Rifle Magnum | SP12 | 4,50 | 69,4 | 839 | 2 751 | 4,90 | 75,6 | 875 | 2 871 |
| | | | | Tu8000 | 4,70 | 72,5 | 845 | 2 771 | 5,10 | 78,7 | 880 | 2 887 |
| | | | | SP13 | 5,75 | 88,7 | 870 | 2 855 | 6,15 | 94,9 | 900 | 2 953 |

.303 BRITISH (7,62 56 R)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 56,44 3650 | | |
|-------|-----|-------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 9,72 | 150 | SPT | Large Rifle | Tu3000 | 2,30 | 35,5 | 748 | 2 452 | 2,70 | 41,7 | 810 | 2 657 |
| | | | | Tu5000 | 2,45 | 37,8 | 765 | 2 509 | 2,85 | 44,0 | 825 | 2 707 |
| | | | | SP7 | 2,50 | 38,6 | 766 | 2 513 | 2,90 | 44,8 | 825 | 2 707 |
| | | | | SP11 | 2,45 | 37,8 | 705 | 2 311 | 2,85 | 44,0 | 760 | 2 493 |
| 11,28 | 174 | FMJBT | Large Rifle | Tu5000 | 2,30 | 35,5 | 720 | 2 361 | 2,70 | 41,7 | 780 | 2 559 |
| | | | | SP11 | 2,65 | 40,9 | 736 | 2 415 | 3,05 | 47,1 | 790 | 2 592 |
| 11,66 | 180 | RNSP | Large Rifle | Tu5000 | 2,30 | 35,5 | 654 | 2 145 | 2,60 | 40,1 | 695 | 2 280 |
| | | | | SP11 | 2,65 | 40,9 | 707 | 2 320 | 2,90 | 44,8 | 740 | 2 428 |

.303 SPORTING

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 52,82 3300 | | |
|------|-----|-------------------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 9,72 | 150 | SP | Large Rifle | Tu3000 | 2,00 | 30,9 | 730 | 2 399 | 2,40 | 37,0 | 800 | 2 625 |
| | | | | Tu5000 | 2,15 | 33,2 | 739 | 2 424 | 2,55 | 39,4 | 805 | 2 641 |
| | | | | SP7 | 2,10 | 32,4 | 738 | 2 420 | 2,50 | 38,6 | 805 | 2 641 |
| | | | | SP11 | 2,50 | 38,6 | 743 | 2 437 | 2,90 | 44,8 | 800 | 2 625 |
| 9,72 | 150 | SPEER 1/2 blindée | Large Rifle | Tu5000 | 1,90 | 29,3 | 606 | 1 990 | 2,30 | 35,5 | 667 | 2 190 |

8 x 57 IS OU JS

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 56,90 3900 | | |
|-------|-----|--------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 11,02 | 170 | SP | Large Rifle | Tu5000 | 2,70 | 41,7 | 747 | 2 452 | 3,10 | 47,8 | 800 | 2 625 |
| | | | | SP11 | 3,05 | 47,1 | 747 | 2 454 | 3,45 | 53,2 | 795 | 2 608 |
| 11,66 | 180 | BT | Large Rifle | Tu5000 | 2,75 | 42,4 | 761 | 2 498 | 3,15 | 48,6 | 815 | 2 674 |
| | | | | Tu7000 | 3,00 | 46,3 | 733 | 2 403 | 3,40 | 52,5 | 780 | 2 559 |
| 12,00 | 185 | RNSP | Large Rifle | SP7 | 3,00 | 46,3 | 751 | 2 465 | 3,40 | 52,5 | 800 | 2 625 |
| | | | | Tu5000 | 3,10 | 47,8 | 753 | 2 470 | 3,50 | 54,0 | 800 | 2 625 |
| | | | | Tu7000 | 3,40 | 52,5 | 771 | 2 531 | 3,80 | 58,6 | 815 | 2 674 |
| | | | | Tu5000 | 2,50 | 38,6 | 650 | 2 132 | 2,90 | 44,8 | 700 | 2 297 |
| 12,96 | 200 | HPBTMK | Large Rifle | SP11 | 2,60 | 40,1 | 652 | 2 124 | 3,00 | 46,9 | 700 | 2 297 |
| | | | | Tu7000 | 2,80 | 43,2 | 655 | 2 148 | 3,20 | 49,4 | 700 | 2 297 |

8 x 57 IRS OU JRS

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 56,90 3300 | | |
|-------|-----|---------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 8,10 | 125 | SP | Large Rifle | Tu5000 | 2,90 | 44,8 | 820 | 2 693 | 3,30 | 50,9 | 875 | 2 871 |
| | | | | SP11 | 3,05 | 47,1 | 795 | 2 608 | 3,45 | 53,2 | 845 | 2 772 |
| 11,02 | 170 | SSP | Large Rifle | Tu5000 | 2,70 | 41,7 | 747 | 2 452 | 3,10 | 47,8 | 800 | 2 625 |
| | | | | SP11 | 3,05 | 47,1 | 747 | 2 454 | 3,45 | 53,2 | 795 | 2 608 |
| 12,80 | 198 | RWS TIG | Large Rifle | SP7 | 2,60 | 40,1 | 670 | 2 198 | 3,00 | 46,3 | 720 | 2 362 |
| | | | | SP11 | 2,75 | 42,4 | 677 | 2 222 | 3,15 | 48,6 | 725 | 2 379 |

8 x 60 S et 8 x 60 RS

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 60,00 4050 | | |
|-------|-----|--------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 11,02 | 170 | SP | Large Rifle | SP7 | 2,90 | 44,8 | 787 | 2 586 | 3,30 | 50,9 | 840 | 2 756 |
| | | | | Tu5000 | 2,80 | 43,2 | 767 | 2 516 | 3,20 | 49,4 | 820 | 2 690 |
| | | | | SP11 | 3,20 | 49,4 | 764 | 2 504 | 3,60 | 55,6 | 810 | 2 657 |
| 11,70 | 181 | RWS KS | Large Rifle | SP11 | 3,10 | 47,8 | 786 | 2 578 | 3,50 | 54,0 | 835 | 2 740 |
| | | | | SP7 | 2,75 | 42,4 | 743 | 2 436 | 3,15 | 48,6 | 795 | 2 608 |
| 12,96 | 200 | SP | Large Rifle | Tu5000 | 3,00 | 46,3 | 747 | 2 449 | 3,40 | 52,5 | 795 | 2 608 |
| | | | | SP11 | 3,25 | 50,2 | 750 | 2 463 | 3,65 | 56,3 | 795 | 2 608 |
| | | | | Tu7000 | 3,00 | 46,3 | 711 | 2 334 | 3,70 | 57,1 | 790 | 2 592 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | | |
|---|-------|--------------------|--------------------|------------------------------------|------------------|-------|--------------|---|------------------|---------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] | [fps] |
| Type / Type | | Large Rifle | SP7 | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 64,00 4050 | | |
| 8 x 64 S BRENNEKE et 8 x 65 RS BRENNEKE | | | | | | | | | | | | |
| 11,02 | 170 | SSP | Large Rifle | Tu5000 | 2,90 | 44,8 | 792 | 2 601 | 3,30 | 50,9 | 845 | 2 772 |
| | | | | SP11 | 2,90 | 44,8 | 741 | 2 432 | 3,30 | 50,9 | 790 | 2 592 |
| | | | | Tu7000 | 3,40 | 52,5 | 766 | 2 515 | 3,80 | 58,6 | 810 | 2 657 |
| 12,80 | 198 | RWS TIG | Large Rifle | SP12 | 2,60 | 40,1 | 665 | 2 182 | 4,00 | 61,7 | 825 | 2 707 |
| | | | | Tu8000 | 2,80 | 43,2 | 674 | 2 210 | 4,20 | 64,8 | 825 | 2 707 |
| | | | | Tu8000 | 4,20 | 64,8 | 793 | 2 601 | 4,60 | 71,0 | 830 | 2 723 |
| 8 x 68 | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 67,50 4400 | | | | | | | | | | | | |
| 11,34 | 175 | SP | Large Rifle Magnum | Tu7000 | 4,60 | 71,0 | 935 | 3 068 | 5,00 | 77,2 | 975 | 3 199 |
| 12,96 | 200 | PART | Large Rifle Magnum | Tu8000 | 4,30 | 66,4 | 784 | 2 574 | 4,70 | 72,5 | 820 | 2 690 |
| .338 WINCHESTER MAGNUM | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 63,50 4300 | | | | | | | | | | | | |
| 14,58 | 225 | PART | Large Rifle Magnum | Tu7000 | 4,25 | 65,6 | 841 | 2 760 | 4,65 | 71,8 | 880 | 2 887 |
| | | | | SP12 | 4,35 | 67,1 | 799 | 2 622 | 4,75 | 73,3 | 835 | 2 740 |
| 16,20 | 250 | RNSP | Large Rifle Magnum | Tu7000 | 4,25 | 65,6 | 808 | 2 650 | 4,65 | 71,8 | 845 | 2 772 |
| | | | | SP12 | 4,25 | 65,6 | 722 | 2 399 | 4,65 | 71,8 | 755 | 2 510 |
| | | | | Tu8000 | 4,40 | 67,9 | 737 | 2 418 | 4,80 | 74,1 | 770 | 2 526 |
| .340 WEATHERBY MAGNUM | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 71,63 4400 | | | | | | | | | | | | |
| 13,61 | 210 | PART | Large Rifle Magnum | Tu7000 | 5,05 | 77,9 | 910 | 2 984 | 5,45 | 84,1 | 945 | 3 100 |
| | | | | SP12 | 6,00 | 92,6 | 886 | 2 906 | 6,40 | 98,8 | 915 | 3 002 |
| | | | | Tu8000 | 5,70 | 88,0 | 918 | 3 014 | 6,10 | 94,1 | 950 | 3 117 |
| .35 WHELEN REMINGTON | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 63,35 4000 | | | | | | | | | | | | |
| 11,66 | 180 | FNSP | Large Rifle Magnum | SP7 | 3,80 | 58,6 | 828 | 2 714 | 4,20 | 64,8 | 870 | 2 854 |
| | | | | Tu5000 | 3,40 | 52,5 | 790 | 2 593 | 3,80 | 58,6 | 835 | 2 740 |
| | | | | Tu7000 | 3,75 | 57,9 | 741 | 2 434 | 4,15 | 64,0 | 780 | 2 559 |
| 12,70 | 196 | GPA Sologne | Large Rifle Magnum | SP7 | 3,65 | 56,3 | 792 | 2 597 | 4,05 | 62,5 | 834 | 2 736 |
| 12,96 | 200 | SPRN | Large Rifle Magnum | Tu5000 | 3,40 | 52,5 | 771 | 2 531 | 3,80 | 58,6 | 815 | 2 674 |
| | | | | SP7 | 3,30 | 50,9 | 708 | 2 324 | 3,70 | 57,1 | 750 | 2 461 |
| 14,26 | 220 | FPSP | Large Rifle Magnum | Tu5000 | 3,10 | 47,8 | 682 | 2 238 | 3,50 | 54,0 | 725 | 2 379 |
| | | | | SP11 | 3,50 | 54,0 | 701 | 2 300 | 3,90 | 60,2 | 740 | 2 428 |
| 16,20 | 250 | PART | Large Rifle Magnum | SP7 | 3,35 | 51,7 | 699 | 2 294 | 3,75 | 57,9 | 740 | 2 428 |
| | | | | Tu7000 | 3,35 | 51,7 | 681 | 2 232 | 3,75 | 57,9 | 720 | 2 362 |
| .350 REMINGTON MAGNUM | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 55,12 4300 | | | | | | | | | | | | |
| 12,70 | 196 | GPA Sologne | Large Rifle Magnum | SP7 | 3,40 | 52,5 | 795 | 2 609 | 3,80 | 58,6 | 840 | 2 756 |
| | | | | SP7 | 3,35 | 51,7 | 751 | 2 464 | 3,75 | 57,9 | 795 | 2 608 |
| 12,96 | 200 | SP | Large Rifle Magnum | Tu5000 | 3,50 | 54,0 | 782 | 2 564 | 3,90 | 60,2 | 825 | 2 707 |
| | | | | SP11 | 3,20 | 49,4 | 735 | 2 412 | 3,60 | 55,6 | 780 | 2 559 |
| 9,3 x 62 | | | | | | | | | | | | |
| NORMES CIP / CIP RULES | | | | | | | | | | | | |
| LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | | | | | | | | | | | |
| 62,00 3900 | | | | | | | | | | | | |
| 14,60 | 225 | RWS DK | Large Rifle | SP7 | 3,65 | 56,3 | 769 | 2 522 | 4,05 | 62,5 | 810 | 2 657 |
| | | | | SP11 | 3,65 | 56,3 | 759 | 2 491 | 4,05 | 62,5 | 800 | 2 625 |
| | | | | SP7 | 3,25 | 50,2 | 727 | 2 385 | 3,65 | 56,3 | 770 | 2 526 |
| 16,20 | 250 | BT | Large Rifle | Tu5000 | 3,20 | 49,4 | 731 | 2 397 | 3,60 | 55,6 | 775 | 2 543 |
| | | | | SP11 | 3,50 | 54,0 | 739 | 2 424 | 3,90 | 60,2 | 780 | 2 559 |
| 16,70 | 258 | MK | Large Rifle | SP9 | 3,20 | 49,4 | 698 | 2 301 | 3,60 | 55,0 | 740 | 2 428 |
| | | | | Tu5000 | 3,25 | 50,2 | 717 | 2 354 | 3,65 | 56,3 | 760 | 2 493 |
| 17,50 | 270 | SP | Large Rifle | SP11 | 3,45 | 53,2 | 734 | 2 407 | 3,85 | 59,4 | 775 | 2 543 |
| | | | | Tu7000 | 3,75 | 57,9 | 737 | 2 419 | 4,15 | 64,0 | 775 | 2 543 |
| | | | | SP12 | 3,75 | 57,9 | 722 | 2 371 | 4,15 | 64,0 | 760 | 2 493 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|------------------|-------|--------------|------------------------------------|------------------|-------|-------|
| Poids/Weight | | | | Poids/Weight | Vitesse/Velocity | | Poids/Weight | | Vitesse/Velocity | | |
| [g] | [grs] | | | | [g] | [grs] | [m/s] | [fps] | [g] | [grs] | [m/s] |

9,3 x 74 R

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 74,70
3400

| | | | | | | | | | | | | |
|-------|-----|-------------|-------------|--------|------|------|-----|-------|------|------|-----|-------|
| 14,60 | 225 | RWS DK | Large Rifle | Tu3000 | 3,40 | 52,5 | 733 | 2 407 | 3,80 | 58,6 | 775 | 2 543 |
| | | | | SP7 | 3,70 | 57,1 | 741 | 2 430 | 4,10 | 63,3 | 780 | 2 559 |
| | | | | SP11 | 3,75 | 57,9 | 741 | 2 434 | 4,15 | 64,0 | 780 | 2 559 |
| 15,40 | 238 | GPA Sologne | Large Rifle | Tu3000 | 3,30 | 50,9 | 756 | 2 478 | 3,70 | 57,1 | 800 | 2 625 |
| | | | | Tu5000 | 3,30 | 50,9 | 704 | 2 308 | 3,70 | 57,1 | 745 | 2 444 |
| 16,20 | 250 | BT | Large Rifle | SP7 | 3,35 | 51,7 | 709 | 2 326 | 3,75 | 57,9 | 750 | 2 461 |
| | | | | SP11 | 3,65 | 56,3 | 736 | 2 414 | 4,05 | 62,5 | 775 | 2 543 |
| | | | | SP7 | 3,40 | 52,5 | 700 | 2 298 | 3,80 | 58,6 | 740 | 2 428 |
| 16,70 | 258 | RWS HMK | Large Rifle | SP11 | 3,45 | 53,2 | 682 | 2 235 | 3,85 | 59,4 | 720 | 2 362 |
| | | | | Tu5000 | 3,15 | 48,6 | 659 | 2 163 | 3,55 | 54,8 | 700 | 2 297 |
| 17,50 | 270 | SP | Large Rifle | SP11 | 3,55 | 54,8 | 673 | 2 207 | 3,95 | 61,0 | 710 | 2 329 |
| | | | | Tu7000 | 3,80 | 58,6 | 666 | 2 184 | 4,20 | 64,8 | 700 | 2 297 |
| | | | | Tu5000 | 3,10 | 47,8 | 663 | 2 176 | 3,50 | 54,0 | 705 | 2 313 |
| 18,53 | 286 | PART | Large Rifle | SP11 | 3,40 | 52,5 | 676 | 2 221 | 3,80 | 58,6 | 715 | 2 346 |
| | | | | Tu7000 | 3,75 | 57,9 | 694 | 2 278 | 4,15 | 64,0 | 730 | 2 395 |
| | | | | SP12 | 3,80 | 58,6 | 666 | 2 184 | 4,20 | 64,8 | 700 | 2 297 |
| | | | | Tu5000 | 3,10 | 47,8 | 663 | 2 176 | 3,50 | 54,0 | 705 | 2 313 |

9,3 x 64 BRENNEKE

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 66,00
4400

| | | | | | | | | | | | | |
|-------|-----|------|--------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 16,20 | 250 | FB | Large Rifle Magnum | Tu5000 | 3,80 | 58,6 | 799 | 2 621 | 4,20 | 64,8 | 840 | 2 756 |
| | | | | SP11 | 4,20 | 64,8 | 803 | 2 633 | 4,60 | 71,0 | 840 | 2 756 |
| | | | | Tu7000 | 4,50 | 69,4 | 815 | 2 672 | 4,90 | 75,6 | 850 | 2 789 |
| 18,53 | 286 | PART | Large Rifle Magnum | SP7 | 3,60 | 55,6 | 730 | 2 398 | 4,00 | 61,7 | 770 | 2 526 |
| | | | | Tu5000 | 3,70 | 57,1 | 741 | 2 430 | 4,10 | 63,3 | 780 | 2 559 |
| | | | | Tu7000 | 4,50 | 69,4 | 786 | 2 577 | 4,90 | 75,6 | 820 | 2 690 |

.375 WINCHESTER BIG BORE (9,5 x 51,3)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 51,31
4400

| | | | | | | | | | | | | |
|-------|-----|------|-------------|------|------|------|-----|-------|------|------|-----|-------|
| 14,26 | 220 | FP | Large Rifle | SP10 | 1,95 | 30,1 | 594 | 1 950 | 2,35 | 36,0 | 652 | 2 133 |
| 16,20 | 250 | JSP | Large Rifle | SP10 | 1,85 | 28,5 | 535 | 1 747 | 2,25 | 35,0 | 590 | 1 936 |
| 16,20 | 250 | FNSP | Large Rifle | SP10 | 1,75 | 27,0 | 235 | 1 662 | 2,15 | 33,0 | 260 | 1 837 |

.375 H & H MAGNUM (9,52 x 73 R)

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 72,39
4300

| | | | | | | | | | | | | |
|-------|-----|------|--------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 12,96 | 200 | FP | Large Rifle Magnum | Tu3000 | 4,60 | 71,0 | 950 | 3 115 | 5,00 | 77,2 | 990 | 3 248 |
| | | | | Tu5000 | 4,00 | 61,7 | 753 | 2 471 | 4,40 | 67,9 | 790 | 2 592 |
| 15,23 | 235 | SSP | Large Rifle Magnum | SP11 | 5,05 | 77,9 | 862 | 2 826 | 5,45 | 84,1 | 895 | 2 936 |
| | | | | Tu7000 | 5,00 | 78,9 | 825 | 2 736 | 5,50 | 84,9 | 865 | 2 838 |
| | | | | Tu5000 | 3,75 | 57,9 | 694 | 2 278 | 4,15 | 64,0 | 730 | 2 395 |
| 18,47 | 285 | GS | Large Rifle Magnum | SP11 | 4,70 | 72,5 | 768 | 2 519 | 5,10 | 78,7 | 800 | 2 625 |
| | | | | Tu7000 | 4,70 | 72,5 | 754 | 2 471 | 5,10 | 78,7 | 785 | 2 575 |
| | | | | Tu5000 | 4,10 | 63,3 | 740 | 2 429 | 4,50 | 69,4 | 775 | 2 543 |
| 19,44 | 300 | SPBT | Large Rifle Magnum | SP11 | 4,45 | 68,7 | 747 | 2 452 | 4,85 | 74,8 | 780 | 2 559 |
| | | | | Tu7000 | 4,55 | 70,2 | 748 | 2 453 | 4,95 | 76,4 | 780 | 2 559 |
| | | | | Tu5000 | 3,75 | 57,9 | 640 | 2 100 | 5,15 | 79,5 | 750 | 2 461 |

.378 WEATHERBY MAGNUM

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 73,99
4600

| | | | | | | | | | | | | |
|-------|-----|-------------|--------------------|--------|------|-------|-----|-------|------|-------|-----|-------|
| 16,65 | 257 | GPA Sologne | Large Rifle Magnum | Tu8000 | 7,10 | 109,6 | 934 | 3 066 | 7,50 | 115,7 | 960 | 3 150 |
| | | | | SP12 | 6,60 | 101,9 | 864 | 2 836 | 7,00 | 108,0 | 890 | 2 920 |
| 17,50 | 270 | FB | Large Rifle Magnum | Tu8000 | 6,75 | 104,2 | 860 | 2 823 | 7,15 | 110,3 | 885 | 2 904 |

.416 REMINGTON MAGNUM

NORMES CIP / CIP RULES

LONGUEUR/LENGTH (mm)
PRESSION/PRESSURE (bar) 72,39
4300

| | | | | | | | | | | | | |
|-------|-----|-------------|--------------------|--------|------|------|-----|-------|------|------|-----|-------|
| 25,92 | 400 | PART | Large Rifle Magnum | Tu5000 | 3,75 | 57,9 | 640 | 2 100 | 5,15 | 79,5 | 750 | 2 461 |
| | | | | SP7 | 4,60 | 71,0 | 710 | 2 328 | 5,00 | 77,2 | 740 | 2 428 |
| | | | | SP11 | 4,85 | 74,8 | 730 | 2 386 | 5,25 | 81,0 | 760 | 2 483 |
| 25,92 | 400 | GPA Sologne | Large Rifle Magnum | SP7 | 4,70 | 72,5 | 739 | 2 424 | 5,10 | 78,7 | 770 | 2 526 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



ARMES D'ÉPAULE / RIFLE

| Projectile / Bullet | | Amorçage Primer | Poudre Powder | Chargement départ Starting load | | | | Chargement maximum Maximum load | | | |
|---------------------|-------|--------------------|------------------|------------------------------------|--------------|------------------|-------|------------------------------------|------------------|-------|-----|
| Poids/Weight | | | | Type / Type | Poids/Weight | Vitesse/Velocity | | Poids/Weight | Vitesse/Velocity | | |
| [g] | [grs] | | | | | [g] | [grs] | | [m/s] | [fps] | [g] |

.416 RIGBY

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 73,66 3250 | | |
|-------|-----|-------------|--------------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 23,46 | 362 | GPA Sologne | Large Rifle Magnum | Tu7000 | 5,75 | 86,7 | 715 | 2 318 | 6,15 | 94,9 | 739 | 2 425 |
| 25,92 | 400 | FMJRN | Large Rifle Magnum | Tu7000 | 5,35 | 82,6 | 690 | 2 264 | 5,75 | 88,7 | 715 | 2 346 |
| | | | | SP12 | 5,50 | 84,9 | 676 | 2 219 | 5,90 | 91,0 | 700 | 2 297 |

.44-40 CARABINE

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 33,15 1100 | | |
|-------|-----|-------------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 12,96 | 200 | HP | Large Rifle | SP3 | 1,05 | 16,2 | 417 | 1 380 | 1,45 | 22,0 | 490 | 1 608 |
| 12,96 | 200 | LYMAN coulé | Large Rifle | SP3 | 0,95 | 14,7 | 398 | 1 304 | 1,35 | 21,0 | 475 | 1 558 |

.444 MARLIN (11,2 x 55 R)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 56,52 3550 | | |
|-------|-----|-----|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 12,96 | 200 | HP | Large Rifle | SP7 | 3,00 | 46,3 | 601 | 1 982 | 3,40 | 52,0 | 640 | 2 100 |
| 14,25 | 200 | FPJ | Large Rifle | SP7 | 2,95 | 45,5 | 610 | 2 015 | 3,35 | 51,0 | 650 | 2 133 |

.45-70 GOVERNMENT (11,5 x 53 R)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 53,47 2200 | | |
|-------|-----|-------------|-------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 19,44 | 300 | FPHP | Large Rifle | SP9 | 3,00 | 46,3 | 550 | 1 802 | 3,40 | 52,5 | 585 | 1 919 |
| | | | | Tu3000 | 3,00 | 46,3 | 531 | 1 741 | 3,40 | 52,5 | 565 | 1 854 |
| 19,44 | 300 | HPFN | Large Rifle | Tu3000 | 2,45 | 37,8 | 459 | 1 505 | 2,85 | 44,0 | 495 | 1 624 |
| | | | | SP10 | 2,60 | 40,1 | 424 | 1 389 | 3,00 | 46,3 | 455 | 1 493 |
| 26,24 | 405 | FPSP | Large Rifle | Tu3000 | 2,60 | 40,1 | 400 | 1 313 | 3,00 | 46,3 | 430 | 1 411 |
| | | | | Tu5000 | 2,80 | 43,2 | 421 | 1 380 | 3,20 | 49,4 | 450 | 1 476 |
| 26,24 | 405 | LYMAN coulé | Large Rifle | Tu3000 | 2,10 | 32,4 | 376 | 1 232 | 2,50 | 38,6 | 410 | 1 345 |

.458 WINCHESTER MAGNUM (11,6 x 63)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 63,70 4300 | | |
|-------|-----|------|--------------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 22,68 | 350 | FP | Large Rifle Magnum | SP10 | 4,65 | 71,8 | 734 | 2 410 | 5,05 | 77,9 | 765 | 2 510 |
| | | | | Tu3000 | 4,50 | 69,4 | 704 | 2 310 | 4,90 | 75,6 | 735 | 2 411 |
| 25,92 | 400 | FB | Large Rifle Magnum | SP10 | 3,60 | 55,6 | 674 | 2 211 | 4,00 | 61,7 | 710 | 2 329 |
| | | | | Tu3000 | 4,20 | 64,8 | 678 | 2 225 | 4,60 | 71,0 | 710 | 2 329 |
| 25,92 | 400 | FPSP | Large Rifle Magnum | Tu3000 | 4,20 | 64,8 | 631 | 2 068 | 4,60 | 71,0 | 660 | 2 165 |
| | | | | Tu3000 | 4,15 | 64,0 | 611 | 2 005 | 4,55 | 70,2 | 640 | 2 100 |
| 32,40 | 500 | RNSP | Large Rifle Magnum | SP7 | 4,45 | 68,7 | 627 | 2 060 | 4,85 | 74,8 | 655 | 2 149 |
| | | | | Tu5000 | 4,60 | 71,0 | 628 | 2 061 | 5,00 | 77,2 | 655 | 2 149 |

.458 LOTT

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 71,12 4300 | | |
|-------|-----|---------------------------|--------------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 29,03 | 448 | RN | Large Rifle Magnum | Tu3000 | 2,90 | 75,6 | 580 | 2 474 | 5,18 | 79,9 | 775 | 2 543 |
| 30,13 | 465 | A-SQUARE Monolithic Solid | Large Rifle Magnum | Tu3000 | 4,60 | 71,0 | 662 | 2 171 | 5,00 | 77,2 | 690 | 2 264 |
| | | | | SP7 | 4,50 | 69,4 | 628 | 2 091 | 4,90 | 75,6 | 655 | 2 182 |
| 32,40 | 500 | RNSP | Large Rifle Magnum | Tu5000 | 4,50 | 69,4 | 637 | 2 091 | 4,90 | 75,6 | 665 | 2 182 |
| | | | | SP11 | 5,20 | 80,2 | 699 | 2 292 | 5,60 | 86,4 | 725 | 2 379 |

.460 WEATHERBY MAGNUM

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 73,99 4400 | | |
|-------|-----|------|--------------------------|------------------------|------|-------|-----|---|------|---------------|-----|-------|
| 32,40 | 500 | SPRN | Large Rifle Magnum Match | Tu5000 | 5,90 | 91,0 | 706 | 2 317 | 6,30 | 97,2 | 730 | 2 395 |
| | | | | Tu7000 | 7,10 | 109,6 | 754 | 2 475 | 7,50 | 115,7 | 775 | 2 543 |

.50 BMG (.50 BROWNING - 12,7 x 99)

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 99,31 3700 | | |
|-------|-----|-------|--------------------------|------------------------|-------|-------|-----|---|-------|---------------|-----|-------|
| 42,12 | 650 | FMJBT | Large Rifle Magnum Match | SP13 | 13,00 | 200,6 | 855 | 2 804 | 14,25 | 219,9 | 895 | 2 936 |

.500-.465 NITRO EXPRESS

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 76,20 2800 | | |
|-------|-----|-----------------------|--------------------|------------------------|------|------|-----|---|------|---------------|-----|-------|
| 31,10 | 480 | A-SQUARE "Dead Tough" | Large Rifle Magnum | SP12 | 6,40 | 98,8 | 635 | 2 086 | 6,80 | 104,9 | 655 | 2 149 |

.600 NITRO EXPRESS

| | | | | NORMES CIP / CIP RULES | | | | LONGUEUR/LENGTH (mm) PRESSION/PRESSURE (bar) | | 76,20 2450 | | |
|-------|-----|------|--------------------|------------------------|-------|-------|-----|---|-------|---------------|-----|-------|
| 58,32 | 900 | RNSP | Large Rifle Magnum | Tu8000 | 10,10 | 155,9 | 584 | 1 915 | 10,50 | 162,0 | 595 | 1 952 |



ATTENTION DE NE JAMAIS DÉPASSER LES CHARGES MAXI
BE ALERT - NEVER EXCEED MAXIMUM LOADS

ATTENTION SOYEZ VIGILANT À TOUS VOS CHARGEMENTS
BE SAFE - APPROACH ALL LOADS WITH EXTREME CAUTION



VECTAN

POUDRES NOIRES / BLACK POWDER

ARMES DE POING / HANDGUN

PISTOLETS À SILEX (1650 - 1825)

| | | | |
|--|-----------------|--------|--------|
| Canon lisse (de 11 à 12 mm) | Pour l'amorçage | | PNF4-P |
| Moules HR 1080/1160 - RCBS 425R à 457R | Pour la charge | 1,5 gr | PNF4-P |
| | | 2 gr | PNF2 |

| | | | |
|---|-----------------|--------|--------|
| Modèle 1777 - An II - An IX - An XIII - 1816 - 1822 | Pour l'amorçage | | PNF4-P |
| Moules HR 1720 - RCBS 677R | Pour la charge | 1,5 gr | PNF4-P |
| | | 2 gr | PNF2 |

| | | | |
|----------------------------|-----------------|---------------|--------|
| Canon rayé cal. 44 | Pour l'amorçage | | PNF4-P |
| Moules HR 1150 - RCBS 451R | Pour la charge | 1 gr | PNF4-P |
| | | 1,5 gr / 2 gr | PNF2 |

REVOLVER À CARTOUCHES MÉTALLIQUE (à partir de 1858)

| | | | |
|------------------------------|-------|--------|--------|
| A broche douille PARIS/SPORT | 7 mm | 0,4 gr | PNF4-P |
| | 9 mm | 0,5 gr | PNF4-P |
| Moule PARIS/SPORT | 12 mm | 0,8 gr | PNF2 |

REVOLVER À PERCUSSION CENTRALE (à partir de 1858)

| | | | |
|------------------------------------|----------------------|--------|--------|
| Moule 73 - 74 | Douille case LYNX-HR | 0,7 gr | PNF4-P |
| Moule HR P1155 - R1150 - RCBS 451R | | 0,8 gr | PNF2 |
| | Douille PARIS/SPORT | 0,6 gr | PNF4-P |
| | | 0,7 gr | PNF2 |

| | | | |
|-------------------------------|---------------------|---------------|------|
| 44-40 Colt Remington | Douille LYNX-HR | 1,6 gr / 2 gr | PNF2 |
| Moule HR P1100 - RCBS 44200FN | Douille PARIS/SPORT | 1 gr / 1,5 gr | PNF2 |

| | | | |
|-------------------------------|--|--------|------|
| 45 Longcolt | | 1,6 gr | PNF2 |
| Moule HR P1159 - RCBS 45255KT | | | |

| | | | |
|--------------------------------|---------------------|---------------|------|
| 44 Russian Smith-Wesson | Douille LYNX-HR | 1 gr / 1,2 gr | PNF2 |
| Moule HR P1103 - RCBS 444245KT | Douille PARIS/SPORT | 0,8 gr / 1 gr | PNF2 |

| | | | |
|-----------------|---------------------|-----------------|------|
| Reichs-Revolver | Douille LYNX-HR | 1,2 gr / 1,6 gr | PNF2 |
| Moule HR P1075 | Douille PARIS/SPORT | 1gr / 1,3 gr | PNF2 |

PISTOLETS À PERCUSSION (1825 - 1860)

| | | | |
|--|--|--------|--------|
| Calibre 32 / 33 | | 0,5 gr | PNF4-P |
| Moule HR 820 à 1160 - RCBS 320R à 457R | | 0,7 gr | PNF2 |

| | | | |
|-------------------|--|--------|--------|
| Calibre 36 / 9 mm | | 0,5 gr | PNF4-P |
| | | 0,8 gr | PNF2 |

| | | | |
|--------------------|--|--------|------|
| Calibre 10 mm | | 0,8 gr | PNF2 |
| Calibre 12 à 12 mm | | 1 gr | PNF2 |

PISTOLETS À PERCUSSION (1836 - 1865)

| | | | |
|---------------------------|--|--------|--------|
| Calibre 31 Colt Remington | | 0,5 gr | PNF4-P |
| Moule HR R820 - RCBS 320R | | 0,6 gr | PNF2 |

| | | | |
|----------------------------------|--|---------|--------|
| Calibre 36 Colt Remington | | 0,65 gr | PNF4-P |
| Moule HR R950 - P950 - RCBS 375R | | 0,8 gr | PNF2 |

| | | | |
|---|--|--------|------|
| Cal 44 et 45 - Colt Remington 6 - Roger & Spencer | | 0,9 gr | PNF2 |
| Whitley - Spiley / Moule HR1150 - 1160 - RCBS 451R à 457R | | 1,1 gr | PNF2 |

VECTAN

POUDRES NOIRES / BLACK POWDER

ARMES DE POING / HANDGUN

CARACTÉRISTIQUES TECHNIQUES

| Type | Couleur | Forme des grains | Ganulométrie Diam. de tamisage | Masse volumique approchée | Equivalence | Emballage |
|----------------|---------------|------------------|-----------------------------------|-------------------------------|-------------|-----------|
| PNF4-P | noir brillant | anguleux | 0,1 à 0,25 mm | 950 à 1 050 kg/m ³ | FFFFG | 500 g |
| PNF2 | noir brillant | anguleux | 0,25 à 0,70 mm | 950 à 1 060 kg/m ³ | FFFG | 500 g |
| PNF1 | noir brillant | anguleux | 0,30 à 0,80 mm | 950 à 1 060 kg/m ³ | FFG | 500 g |
| P.N. de Chasse | noir brillant | anguleux | 0,20 à 1,0 mm | 950 à 1 050 kg/m ³ | FFG | 500 g |
| Mousquet Tir | noir brillant | anguleux | 0,60 à 2,0 mm | 900 à 950 kg/m ³ | FFG | 500 g |

VECTAN

POUDRES NOIRES / BLACK POWDER

ARMES D'ÉPAULE / RIFLE

MOUSQUETS À MÈCHE (CANON LISSE) (1500 - 1600)

| | | | |
|--|-------------------------------------|-------------|--------|
| Petits calibres (de 11 à 14 mm) | Pour l'amorçage | | PNF4-P |
| Moules HR 1090 à 1380 - RCBS 468R à 543R | Pour la charge - Suivant chargement | 2 gr / 4 gr | PNF2 |

| | | | |
|--|-------------------------------------|---------------|--------|
| Gros calibres (de 15 à 18 mm) | Pour l'amorçage | | PNF4-P |
| Moules HR 1460 à 1750 - RCBS 574R à 680R | Pour la charge - Suivant chargement | 3 gr / 4,5 gr | PNF2 |
| | | 3 gr / 4 gr | PNF1 |

FUSILS À SILEX (CANON LISSE)

| | | | |
|--|-------------------------------------|-------------|--------|
| Mod. 1777 - An IX - 1816 - 1822 -1777 d'artillerie | Pour l'amorçage | | PNF4-P |
| Moules HR 1720/1750 - RCBS 677R à 688R | Pour la charge - Suivant chargement | 4 gr / 5 gr | PNF2 |

| | | | |
|--|----------------------------------|---------------|------|
| Mousqueton 1777 - 1779 - An IX pour les armes d'origines et les répliques Pedersoli et de la Mars | (balle roulante ou avec calepin) | 4 gr / 4,8 gr | PNF1 |
| Moules HR 1700 / 1720 - RCBS 669R à 677R | | | |

| | | | |
|----------------------------------|-------------------------------------|-------------|--------|
| Brown Bess d'origine ou réplique | Pour l'amorçage | | PNF4-P |
| Moules HR 1860 - RCBS 732R | Pour la charge - Suivant chargement | 5 gr / 7 gr | PNF2 |
| | (balle roulante ou avec calepin) | 5 gr / 7 gr | PNF1 |

FUSILS À SILEX (CANON RAYÉ) (1640 - 1830)

| | | | |
|--|-------------------------------------|---------------|--------|
| Kentucky - Jaeger cal. 44/45 | Pour l'amorçage | | PNF4-P |
| Moules HR 1100 à 1160 - RCBS 433R à 457R | Pour la charge - Suivant chargement | 3 gr / 4 gr | PNF2 |
| Silex rayé cal. 50 - cal. 54 | | 4,5 gr / 5 gr | PNF1 |

| | | | |
|--|-----------------|------|--------|
| Carabine de Versailles d'origine ou réplique la Mars | Pour l'amorçage | | PNF4-P |
| Moule HR 1375 - RCBS 540R | Pour la charge | 4 gr | PNF2 |
| | | 4 gr | PNF1 |

VECTAN

POUDRES NOIRES / BLACK POWDER

ARMES D'ÉPAULE / RIFLE

FUSILS À PERCUSSION (Canon rayé)

| | | | |
|---|-----------------------------|-----------------|--------------|
| Petits Calibres (de 10 à 12 mm) | | 2,5 gr / 3,5 gr | PNF2 |
| armes d'origine ou répliques moules spéciaux | | 3 gr / 3,5 gr | PNF1 |
| | | 3,5 gr / 4 gr | MOUSQUET TIR |
| Fusil anglais cal. 45 - Whitworth - Rigby | | 2,5 gr / 3,5 gr | PNF2 |
| | | 3 gr / 5 gr | PNF1 |
| | ou pour balle à compression | 3,5 gr / 5 gr | MOUSQUET TIR |
| Percussion Minié cal. 58-577 | | 3 gr / 3,5 gr | PNF2 |
| Moules HR M1472 - RCBS 52500M | | 3 gr / 3,5 gr | PNF1 |
| Modèle réglementaire français 1822 T bis - 1842 T - 1853 - 1859 | | 2,8 gr / 3,5 gr | PNF2 |
| Moules HR M1810 | | 3 gr / 3,5 gr | PNF1 |

FUSILS À CARTOUCHE PAPIER (Canon rayé)

| | | | |
|-------------------------------|--|-----------------|--------------|
| Chassepot | | 3,5 gr / 4 gr | PNF1 |
| Moule HR P1170 - RCBS 45405FN | | 4 gr / 4,5 gr | MOUSQUET TIR |
| Dreys | | 2,8 gr / 3,5 gr | PNF1 |
| Moule HR 1500 - RCBS 590R | | 3 gr / 3,8 gr | MOUSQUET TIR |
| Scharp cal. 54 | | 2,8 gr / 3,2 gr | PNF1 |
| Moule HR P1375 | | 2,8 gr / 3,2 gr | MOUSQUET TIR |

FUSILS À CARTOUCHE MÉTALLIQUE (Canon rayé)

| | | | |
|---|------------------------|-----------------|--------------|
| Modèle GRAS 1874 | | 2,8 gr | PNF1 |
| Moule HR P1125 - RCBS 44370FN | Douille LYNX-HR | 3 gr / 4,5 gr | MOUSQUET TIR |
| | Douille PARIS/SPORT | 2,9 gr | MOUSQUET TIR |
| 45/70 Arme d'origine ou réplique | | 2,5 gr / 3 gr | PNF2 |
| Moule HR 1170 - RCBS 45405FN | | 2,6 gr / 3 gr | PNF1 |
| | | 4 gr / 5 gr | MOUSQUET TIR |
| 45/40 Arme d'origine ou réplique | Douille PARIS/SPORT | 1,6 gr | PNF2 |
| Moule HR P1100 - RCBS 44200FN | Douille autres marques | 2 gr | PNF2 |
| | | 1,6 gr | PNF1 |
| 43 Egyptien | Douille LYNX-HR | 2 gr / 2,5 gr | PNF2 |
| Moule HR P1125 - RCBS 44370FN | | 2 gr / 2,5 gr | PNF1 |
| | | 3 gr | MOUSQUET TIR |
| Mauser modèle 71 et 71/84 | Douille LYNX-HR | 2,8 gr / 3,2 gr | PNF2 |
| Moule HR P1115 - P1125 - RCBS 43370FN / 44370FN | | 2,6 gr / 3,2 gr | PNF1 |
| 10,4 Veterli | Douille LYNX-HR | 2,3 gr / 3 gr | PNF2 |
| Moule HR P1041 | | 2,2 gr / 2,8 gr | PNF1 |
| 577/450 Martini Henry | Douille LYNX-HR | 3,2 gr / 4,8 gr | PNF1 |
| Moule HR P1170 - RCBS 45405 FN | | 3,5 gr / 5 gr | MOUSQUET TIR |

VECTAN

POUDRES NOIRES / BLACK POWDER

ARMES LISSES / SHOTGUN

Avec amorçage 6 - 45. Pour les chargements avec amorçage ouvert dit «type Américain», réduire la charge de poudre d'environ 10 %.

| Calibre en mm | Longueur de la douille en mm | Charge de plomb en gramme | Charge de Poudre noire en gramme 5 % |
|---------------|------------------------------|---------------------------|--------------------------------------|
| 32 | 120 | 185 | 25 |
| 4 | 100 | 85 | 12 |
| 8 | 100 | 65 | 9 |
| 10 | 80 | 45 | 7 |
| 12 | 70 | 36 | 7 |
| 12 | 65 | 32 | 5 |
| 16 | 70 | 32 | 5 |
| 16 | 65 | 28 | 4,5 |
| 20 | 70 | 28 | 4,5 |
| 20 | 65 | 24 | 3,75 |
| 24 | 65 | 20 | 3,25 |
| 28 | 65 | 17 | 3 |
| 14 | 60 | 14 | 2,5 |
| 12 | 50 | 9 | 1,3 |

RECOMMANDATIONS D'UTILISATION DES POUDRES VECTAN POUR ARMES DE POING (LISTE DE CALIBRES NON EXHAUSTIVE)
RECOMMENDATIONS FOR USE OF VECTAN POWDERS FOR PISTOLS AND REVOLVERS (NON EXHAUSTIVE LIST OF CALIBERS)

| CALIBRES | VECTAN | Ba10 | Ba9 1/2 | AS | A1 | Ba9 | SP8 | Ba7 1/2 | A0 | SP2 | Ba6 1/2 | SP3 | Ba6 |
|------------------------------------|--------|------|---------|----|----|-----|-----|---------|----|-----|---------|-----|-----|
| 6,35 Browning (25 Auto) (25 ACP) | | | | | | | | | | | | | |
| 7,62 x 25 Tokarev | | | | | | | | | | | | | |
| 7,63 mm Mauser ou .30 Mauser | | | | | | | | | | | | | |
| 7,65 Browning (32 Auto) (32 ACP) | | | | | | | | | | | | | |
| 7,65 Long (Français) | | | | | | | | | | | | | |
| .32 Smith & Wesson Long NP | | | | | | | | | | | | | |
| .32 Smith & Wesson Long Wadcutter | | | | | | | | | | | | | |
| 9 mm Parabellum (9 Luger) (9 x 19) | | | | | | | | | | | | | |
| 9 x 21 | | | | | | | | | | | | | |
| .357 SIG | | | | | | | | | | | | | |
| .38 Spécial Wadcutter | | | | | | | | | | | | | |
| .38 Special | | | | | | | | | | | | | |
| .38 Super Auto | | | | | | | | | | | | | |
| .38 Super Auto Chargement IPSC | | | | | | | | | | | | | |
| .357 Magnum | | | | | | | | | | | | | |
| .357 Remington maximum | | | | | | | | | | | | | |
| .40 Smith & Wesson | | | | | | | | | | | | | |
| 10 mm Auto | | | | | | | | | | | | | |
| .41 Action Express | | | | | | | | | | | | | |
| .41 Remington Magnum | | | | | | | | | | | | | |
| .44 Remington Magnum | | | | | | | | | | | | | |
| .44 Smith & Wesson Spécial | | | | | | | | | | | | | |
| .45 Colt (45 Long Colt) | | | | | | | | | | | | | |
| .45 ACP (45 mod-1911) | | | | | | | | | | | | | |
| .45 Winchester Magnum | | | | | | | | | | | | | |
| .454 Casull | | | | | | | | | | | | | |
| .460 Smith & Wesson Magnum | | | | | | | | | | | | | |
| .50 Action Express | | | | | | | | | | | | | |
| .500 Smith & Wesson Magnum | | | | | | | | | | | | | |

RECOMMANDATIONS D'UTILISATION DES POUDRES VECTAN POUR ARMES DE POING (LISTE DE CALIBRES NON EXHAUSTIVE)
 RECOMMENDATIONS FOR USE OF VECTAN POWDERS FOR PISTOL AND REVOLVER (NON EXHAUSTIVE LIST OF CALIBERS)

| CALIBRES | VECTAN | A0 | SP3 | SP10 | Tu3000 | SP9 | SP11 | Tu5000 | SP7 | Tu7000 | SP12 | Tu8000 | SP13 |
|---|--------|----|-----|------|--------|-----|------|--------|-----|--------|------|--------|------|
| .17 Remington | | | | | | | | | | | | | |
| 5,6 x 35 R | | | | | | | | | | | | | |
| .22 Hornet (5,6 x 35 R) | | | | | | | | | | | | | |
| 5,6 x 50 R Magnum | | | | | | | | | | | | | |
| .222 Remington (5,7 x 43) | | | | | | | | | | | | | |
| .22 PPC-USA | | | | | | | | | | | | | |
| .223 Remington (5,56 US ou 5,56 x 45) | | | | | | | | | | | | | |
| .222 Remington Magnum (5,7 x 47) | | | | | | | | | | | | | |
| .22-250 Remington (5,6 x 49 R) | | | | | | | | | | | | | |
| .223 WSSM | | | | | | | | | | | | | |
| 5,6 x 57 RWS et 5,6 x 57 RWS | | | | | | | | | | | | | |
| 6mm PPC et 6 mm PPC-USA | | | | | | | | | | | | | |
| 6 mm Remington BR et 6 mm BR Norma | | | | | | | | | | | | | |
| .243 Winchester (6,1 x 52) | | | | | | | | | | | | | |
| 6 x 62 FRERES et 6 x 62 FRERES | | | | | | | | | | | | | |
| .240 Weatherby Magnum | | | | | | | | | | | | | |
| .243 WSSM | | | | | | | | | | | | | |
| .25-06 Remington | | | | | | | | | | | | | |
| 6,5 x 39 Grendel | | | | | | | | | | | | | |
| 6,5 x 55 SE | | | | | | | | | | | | | |
| .260 REMINGTON | | | | | | | | | | | | | |
| 6,5 x 57 (.256 Mauser) | | | | | | | | | | | | | |
| 6,5 x 63 et 6,5 x 63 R Messner Magnum | | | | | | | | | | | | | |
| 6,5 x 68 | | | | | | | | | | | | | |
| .270 Winchester (6,9 x 62) | | | | | | | | | | | | | |
| .270 WSM | | | | | | | | | | | | | |
| .270 Weatherby Magnum | | | | | | | | | | | | | |
| 7 x 57 (.276 Mauser) | | | | | | | | | | | | | |
| 7 x 57 R | | | | | | | | | | | | | |
| 7mm BR | | | | | | | | | | | | | |
| 7 mm-08 Remington | | | | | | | | | | | | | |
| .280 Remington (7,1 x 64) | | | | | | | | | | | | | |
| 7 x 64 | | | | | | | | | | | | | |
| 7 x 65 R Brenneke | | | | | | | | | | | | | |
| 7 mm Remington Magnum (7 x 63.5) | | | | | | | | | | | | | |
| 7 mm Remington Magnum (7 x 63.5) | | | | | | | | | | | | | |
| 7 mm Weatherby Magnum | | | | | | | | | | | | | |
| 7 mm WSM | | | | | | | | | | | | | |
| .30-30 Winchester (7,62 x 51 R) | | | | | | | | | | | | | |
| .300 Savage (7,62 x 48) | | | | | | | | | | | | | |
| 7,5 x 54 | | | | | | | | | | | | | |
| .308 Winchester (7,62 x 51) | | | | | | | | | | | | | |
| .30-06 Springfield (7x62 x 56 R) | | | | | | | | | | | | | |
| .30-06 Cartry Court | | | | | | | | | | | | | |
| .30-.284 Winchester | | | | | | | | | | | | | |
| .300 H & H Magnum (7,52 x 72) | | | | | | | | | | | | | |
| .300 WSM | | | | | | | | | | | | | |
| .300 Winchester Magnum (7,62 x 66) | | | | | | | | | | | | | |
| .308 Norma Magnum | | | | | | | | | | | | | |
| .300 Weatherby Magnum (7,62 x 71,5) | | | | | | | | | | | | | |
| .303 British (7,62 56 R) | | | | | | | | | | | | | |
| .303 Sporting | | | | | | | | | | | | | |
| 8 x 57 IS ou JS | | | | | | | | | | | | | |
| 8 x 57 IRS ou JRS | | | | | | | | | | | | | |
| 8 x 60 S et 8 x 60 RS | | | | | | | | | | | | | |
| 8 x 64 S Brenneke et 8 x 65 RS Brenneke | | | | | | | | | | | | | |
| 8 x 68 | | | | | | | | | | | | | |
| .338 Winchester Magnum | | | | | | | | | | | | | |
| .340 Weatherby Magnum | | | | | | | | | | | | | |
| .35 Whelen Remington | | | | | | | | | | | | | |
| .350 Remington Magnum | | | | | | | | | | | | | |
| 9,3 x 62 | | | | | | | | | | | | | |
| 9,3 x 74 R | | | | | | | | | | | | | |
| 9,3 x 64 Brenneke | | | | | | | | | | | | | |
| .375 Winchester Big Bore (9,5 x 51,3) | | | | | | | | | | | | | |
| .375 H & H Magnum (9,52 x 73 R) | | | | | | | | | | | | | |
| .378 Weatherby Magnum | | | | | | | | | | | | | |
| .416 Remington Magnum | | | | | | | | | | | | | |
| .416 Rigby | | | | | | | | | | | | | |
| .44-40 Carabine | | | | | | | | | | | | | |
| .444 Marlin (11,2 x 55 R) | | | | | | | | | | | | | |
| 45-70 Government (11,5 x 53 R) | | | | | | | | | | | | | |
| .458 Winchester Magnum (11,6 x 63) | | | | | | | | | | | | | |
| .458 Lott | | | | | | | | | | | | | |
| .460 Weatherby Magnum | | | | | | | | | | | | | |
| .50 BMG (.50 Browning - 12,7 x 99) | | | | | | | | | | | | | |
| .500-.465 Nitro Express | | | | | | | | | | | | | |
| .600 Nitro Express | | | | | | | | | | | | | |

Pour chargement balles plomb / For lead bullets reloading

CORRESPONDANCE AMORCES

CORRESPONDENCE PRIMERS

| | CCI | Federal | Remington | RWS | Winchester |
|----------------------------|-----------|---------|-----------|------|------------|
| Small Pistol | 500 | 100 | 1 ½ | 4031 | WSP |
| Small Pistol Magnum | 550 | 200 | 5 ½ | 4047 | WSPM |
| Small Pistol Match | | 100M | | | |
| Small Pistol Magnum Match | | 200M | | | |
| Large Pistol | 300 | 150 | 2 ½ | 5337 | WLP |
| Large Pistol Magnum | 350 | 155 | | | |
| Large Pistol Match | | 150M | | | |
| Large Pistol Magnum Match | | 155M | | | |
| Small Rifle | 400 | 205 | 6 ½ | 4033 | WSR |
| Small Rifle Magnum | 450 | | 7 ½ | | |
| Small Rifle Match | | 205M | | | |
| Small Rifle NATO | # 41 | | | | |
| Large Rifle | 200 | 210 | 9 ½ | 5341 | WLR |
| Large Rifle Magnum | 250 | 215 | 9 ½M | 5333 | WLRM |
| Large Rifle Match | BR2 | 210M | | | |
| Large Rifle Magnum Match | | 215M | | | |
| Large Rifle NATO | # 34 | | | | |
| 50 BMG | # 35 | | | | 8312 |
| 410 Shotshell | 209, 209M | 209 | 410 | | W209 |
| 12, 16, 20 Gauge Shotshell | 209, 209M | 209 | 209 | | W209 |

ABRÉVIATION DES BALLE

ABBREVIATIONS OF BULLETS

| | | | | | |
|---------------|--------------------------------|----------------|----------------------------------|---------------|------------------------------|
| AB | Accu Bond | JSP | Jacketed Soft Point | SPBT | Soft Point Boat Tail |
| AF | A Frame | JSWC | Jacketed Semi-Wadcutter | SPH | Soft Point Hornet |
| A-Max | Hornady Match | KSPB | Keith Style Pistol Bullet | SPHJ | Soft Point Heavy Jacket |
| BB | Broad Base | LBBWC | Lead Conical Nose | SPSX | Spire Point Super Explosive |
| BK | Blitz King | (L) | Lead | SS | Semi-Spitzer |
| BND | Bonded | LCN | Lead Flat Nose | SSP | Single Shot Pistol |
| BND-S | Banded Solid | LFNGC | Long Flat Gas Check | SPT | Spitzer |
| BR | Bench Rest | LFNPB | Long Flat Nose Plane Base | SPT-V | Spitzer Varmint |
| BS | Ballistic Silver Tip | FFN | Lead Flat Nose Plain Base | SST | Super Shock Tip |
| BT | Ballistic Tip | LFNPB | Lead Flat Point | ST | Silvertip |
| BTT | Boat Tail Spire Point | LFP | Lead Flat Point | SX | Super Explosive |
| DBB | Double Bevel Base | LHBWC | Lead Hollow Base Wadcutter | SWC | Semi-Wadcutter |
| CT | Combined Technologies | LHN | Lead Round Nose | TAC-XP | Tactical Bullet M/LE |
| DEWC | Double End Wadcutter | LTB | Length Tolerant Bullet | TC | Truncated Cone |
| FBHP-V | Flat Base | LSWC | Lead semi-Wadcutter | TMJ | Totally Metall Jacket |
| FBHP-V | Flat Base Hollow Point Varmint | (M) | Moly Coated | TNT | Varmint Bullet |
| FMC | Full Metall Case | Match-V | Match Varmint | TSX | Triple Shock X Bullet |
| FMJ | Full Metall Jacket | MC | Metall Case | T-TSX | Tipped TSX |
| FMJBT | Full Metall Jacket Boat Tail | MK | Match King | VAR | Varminator |
| FN | Flat Nose | MRX | Maximum Range X Bullet | VG | Varmint Grenade |
| FP | Flat Point | MT-SP | Mag Tip Soft Point | VLD | Very Low Drag |
| FPJ | Full Plated Jacket | NTP | Narrow Taper Point | V-MAX | Varmint Express |
| FS | Fail Safe | PART | Partition | VNE | Varmint Nightmare Extreme |
| GC | Gas Check | PLF | Plated Lead Free | WC | Wadcutter |
| GD | Gold Dot Soft Point | PRO-H | Pro-Hunter | WFN | Wide Flat Nose |
| GK | Game King | PSPCL | Pointed Soft Point "Core-Lokt" | WLCPP | Weldcore Protected Point |
| GS | Grand Slam | RHFP | Reduced Hazard Flat Point | WLN | Wide Long Nose |
| HB | Hollow Base | RN | Round Nose | WNGC | Wide Nose Gas Check |
| HC | Hollow Cavity | RNDS | Round Nose Double Strike | WTP | Wide taper Point |
| HP | Hollow Point | RS | Radiused Shoulder | W/GC | With Gas Check |
| HPBT | Hollow Point Boat Tail | SB | Solid Base | X | X Bullet |
| HSP | Hollow Soft Point | SBT | Spitzer Boat Tail | XBT | X Boat Tail |
| IB | Inter Bond | SCIR | Scirocco | XBTC | X Boat Tail Coated |
| INTK | Interlock | SGG | Single Grease Groove | XFB | X Flat Base |
| JFP | Jacketed Flat Point | SJ | Short Jacket | XPB | X Pistol Bullet |
| JHC | Jacketed Hollow Cavity | SLD | Solid | XTP | Extreme Terminal Performance |
| JHP | Jacketed Hollow Point | SMP | Semi-Point | | |
| JRN | Jacketed Round Nose | SP | Soft Point, Spitzer, Spire Point | | |



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