

ELEY® THE WORLD'S MOST ACCURATE



RIMFIRE AMMUNITION



ELEY®

ACCURACY

DEFINED



Success through innovation

Since 1828, ELEY has been helping club, world and Olympic shooting athletes realise their potential and win using its world-renowned .22LR ammunition. Manufactured in Birmingham, UK, ELEY employs the finest engineers, uses state of the art machinery and advanced analytical processes to produce the most consistently accurate rimfire ammunition.

No matter what discipline you shoot, ELEY has the ammunition for you. Manufacturing cartridges specifically designed for benchrest to biathlon, recreational shooting to hunting.

Specialising in .22LR calibre cartridges, ELEY is widely regarded as the world leader with tenex, its flagship cartridge, sold in more than 130 countries and used by the world number one athletes.

www.eley.co.uk

sales@eley.co.uk



ELEY®

**AMMUNITION
HAS WON MORE**

MEDALS

**THAN ALL OTHER
COMPETITORS
COMBINED**



7 WORLD NO.1'S
48 QUOTA PLACES
125 OLYMPIC MEDALS
306 ISSF MEDALS



**MAKE
EVERY
SHOT
COUNT**



Performance of ELEY ammunition off the shelf is outstanding. But did you know we offer a service which helps you increase your accuracy even further?

Improve your competition confidence and batch test ELEY ammunition at any of our five worldwide test ranges. Our unique testing methodology, custom-built equipment, electronic targets and state-of-the-art software ensure you make every shot count. Our testing facilities offer a personalised service whereby we match the ammunition to your firearm for smaller groups and bigger scores.

The testing process takes three hours, during which 40 shots are fired from up to 20 batches to compare their performance. The proprietary software uses individual shot data to statistically analyse the performance of each batch and provide the greatest possible assessment of accuracy.

Visit www.eley.co.uk/test-ranges to find out more and book your appointment with one of our range officers.



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United Kingdom
Online booking now available

www.eley.co.uk





tenex .22LR

40gr, flat nose

ELEY tenex is the world's premier competition cartridge. It is the most accurate and successful .22LR cartridge ever developed and is the choice of world's best shooters since 1951.

Investment and continuous technological advances led to the patented flat nose bullet profile. This revolutionary feature aerodynamically stabilises the projectile for increased accuracy.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer
Beeswax-tallow	317m/s - 331m/s	1040ft/s - 1085ft/s	3.75mm	ELEY Prime

match .22LR

40gr, flat nose

ELEY match shares technology with ELEY tenex, including the flat nose bullet and the cut mouth case for enhanced ballistic characteristics.

The round is produced on a dedicated line with a suite of analytical processes to ensure match-winning performance.



Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer	Lubricant
317m/s - 331m/s	1040ft/s - 1085ft/s	4.74mm	ELEY Prime	Beeswax-tallow



team .22LR

40gr, flat nose

ELEY team features the patented flat nose bullet and trimmed down case technology to ensure consistent performance in every round.

Part of the tenex family, team is the entry point for competitive shooters looking to use ELEY's premium cartridge range.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer
Beeswax-tallow	317m/s - 331m/s	1040ft/s - 1085ft/s	5.50mm	ELEY Prime

Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



club
40gr, round nose

ELEY club is a mid-range competitive target cartridge that utilises the benefits of the round nose bullet profile.

Enhanced performance with outstanding accuracy.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer
Paraffin-based	317m/s - 331m/s	1040ft/s - 1085ft/s	5.50mm	ELEY Prime

sport
40gr, round nose

ELEY sport introduces competitive shooters to the world of ELEY's accuracy and consistency.

Small lot quantities and statistical process control techniques ensure reliable performance in every round.



Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer	Lubricant
317m/s - 331m/s	1040ft/s - 1085ft/s	7.00mm	ELEY Prime	Paraffin-based



target
40gr, round nose




ELEY target is high performance ammunition for the USA's competitive club shooters.

Manufactured to ELEY's strictest specifications, ELEY target benefits from electronic visual inspection and vigorous test proofing.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer
Paraffin-based	317m/s - 331m/s	1040ft/s - 1085ft/s	7.00mm	ELEY Prime

Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



**IT'S A CRAZY
DREAM
UNTIL YOU
ACHIEVE IT**





Anna Korakaki - 25m Pistol
OLYMPIC GOLD (RIO 2016)





tenex pistol .22LR

40gr, round nose

ELEY tenex pistol is the result of years of comprehensive research and development into ballistics, cycling, bullet profiles, case construction and bullet composition.

The propellant is designed specifically to provide an equal amount of energy to each bullet, improving accuracy and helping control recoil.

Lubricant

Beeswax-tallow

Mean Velocity m/s

276m/s - 287m/s

Mean Velocity ft/s

906ft/s - 942ft/s

Max RSD

4.05mm

Primer

ELEY.Prime

tenex slow pistol .22LR

40gr, round nose

ELEY tenex slow pistol features a reduced charge of propellant for lower velocity, leading to increased consistency of recoil and feel.

ELEY's complete range of analytical tools assesses each round to ensure the highest possible performance demanded by the world's elite.



Mean Velocity m/s

263m/s - 274m/s

Mean Velocity ft/s

862ft/s - 898ft/s

Max MG

22mm

Primer

ELEY.Prime

Lubricant

Beeswax-tallow

NEW



tenex rapid fire pistol .22LR

40gr, round nose

ELEY tenex rapid fire pistol features a new bullet profile designed to work specifically for shooters competing in rapid fire pistol events. It's extremely consistent recoil technology has been developed to give elite athletes more control and greater accuracy than ever before.

The cartridge guarantees to meet the minimum velocity requirements for ISSF rapid fire pistol disciplines.

Lubricant

Ep2723

Mean Velocity m/s

269m/s - 280m/s

Mean Velocity ft/s

882ft/s - 919ft/s

Max MG

20mm

Primer

ELEY.Prime

Mean velocity is determined in ELEY Pistol test barrels. Results may vary in your firearm.



match pistol .22LR

40gr, round nose

ELEY match pistol offers competitive performance, aided by the round nose bullet profile which improves feeding and extraction for smooth cycling.

Extensive testing and measuring is undertaken by our skilled engineers to minimise variation between each batch.

Lubricant

Beeswax-tallow

Mean Velocity m/s

276m/s - 287m/s

Mean Velocity ft/s

906ft/s - 942ft/s

Max RSD

4.90mm

Primer

ELEY.Prime

match slow pistol .22LR

40gr, round nose

ELEY match slow pistol improves control and sight-picture recovery with a specially designed propellant which burns faster to ensure reliable performance for every shot.

The cartridges are uniformly constructed using leading techniques and equipment, including computer controlled visual inspection and the world's most accurate measuring tools.



Mean Velocity m/s

263m/s - 274m/s

Mean Velocity ft/s

862ft/s - 898ft/s

Max MG

27mm

Primer

ELEY.Prime

Lubricant

Beeswax-tallow

NEW



bullseye pistol X .22LR

40gr, round nose

ELEY bullseye pistol X has been developed for high level competitive shooters seeking the ultimate in pistol precision. The round nose bullet profile ensures easy chambering and smooth operation.

Bullseye shooters can rest assured you will be getting absolute accuracy and consistency in every round.

Lubricant

Ep2723

Mean Velocity m/s

268m/s - 292m/s

Mean Velocity ft/s

880ft/s - 959ft/s

Max RSD

7.00mm

Primer

ELEY.Prime

Mean velocity is determined in ELEY Pistol test barrels. Results may vary in your firearm.



**ULTIMATE
PERFORMANCE
WITH EVERY
SHOT**



**British
Biathlon**





tenex biathlon .22LR

40gr, flat nose

ELEY tenex biathlon was launched following extensive research and testing, leading to a new lubricant designed for low temperatures and an increased propellant charge for the biathlon target.

A redesigned flat nose bullet with a reduced diameter was developed for a consistent chambering in adverse conditions.

Lubricant

Biathlon-lube

Mean Velocity m/s

335m/s - 354m/s

Mean Velocity ft/s

1100ft/s - 1160ft/s

Max RSD

4.50mm

Primer

ELEY Prime

biathlon club .22LR

40gr, round nose

ELEY biathlon club is a highly accurate cartridge used for training and competing at the highest levels.

Enhanced performance and outstanding accuracy combined with a round nose bullet profile ensures reliable performance in weather conditions with temperatures as low as minus twenty degrees.



Mean Velocity m/s

323m/s - 331m/s

Mean Velocity ft/s

1060ft/s - 1085ft/s

Max RSD

5.50mm

Primer

ELEY Prime

Lubricant

Biathlon-lube



Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



**PRECISION
POWER
SPEED**





**STEEL
CHALLENGE**

Steve Foster - Grand Master
World record holder





contact (standard-velocity) .22LR

42gr, round nose

ELEY contact is a subsonic round which ensures ELEY's outstanding accuracy and reliability in semi-automatic rifles and pistols.

Minimal recoil enables fast follow-up shots while the 42 grain bullet delivers greater power downrange.

Lubricant

Paraffin-based

Mean Velocity m/s

317m/s - 332m/s

Mean Velocity ft/s

1040ft/s - 1090ft/s

Max RSD

7.00mm

Primer

ELEY Prime

force (high-velocity) .22LR

42gr, round nose

ELEY force utilises a modified propellant with a distributed power curve for supersonic velocity in semi-automatic firearms.

The heavier 42 grain bullet is designed for power and produces superior energy, accuracy and knock-down force.



Mean Velocity m/s

344m/s - 381m/s

Mean Velocity ft/s

1130ft/s - 1250ft/s

Max RSD

7.00mm

Primer

ELEY Prime

Lubricant

Paraffin-based



Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



action (standard-velocity) 500rd bulk pack .22LR

42gr, round nose

ELEY action brings greater levels of performance, reliability and precision to practical shooters. The subsonic round has reduced recoil for faster target re-acquisition and a new bullet profile for improved cycling rate when shooting at speed.

The case and rim design have been optimised to deliver consistent reliability in a wide range of competition firearms and are available in 500 round bulk packs.

Mean Velocity m/s

323m/s - 335m/s

Mean Velocity ft/s

1060ft/s - 1100ft/s

Max RSD

7.00mm

Primer

ELEY Prime

Lubricant

Ep2723

action plus (high-velocity) 500 rd bulk pack .22LR

42gr, round nose

ELEY action plus is a supersonic round with greater energy and velocity downrange. Designed for competitive practical shooters, the reduced recoil allows for faster target re-acquisition for the ultimate in competition accuracy.

The case and rim design have been optimised to deliver consistent reliability in a wide range of competition firearms and are available in 500 round bulk packs.



Mean Velocity m/s

351m/s - 381m/s

Mean Velocity ft/s

1150ft/s - 1250ft/s

Max RSD

7.00mm

Primer

ELEY Prime

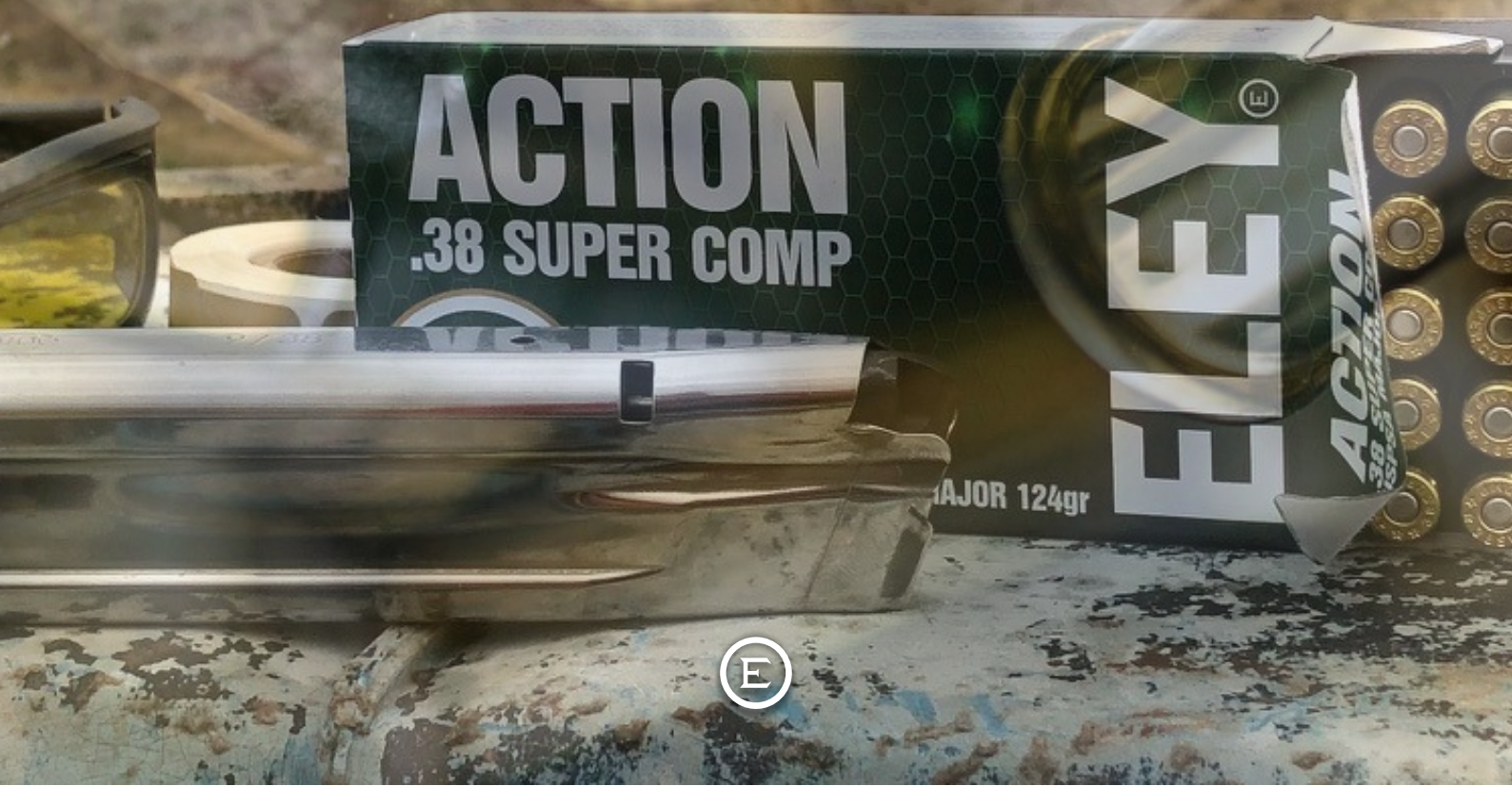
Lubricant

Ep2723



Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.

MAJOR POWER FACTOR





NEW Major power factor.

Superior safety. Absolute accuracy and controllable recoil.

That's what you'll get with ELEY's brand new ELEY Action .38 super comp major round.

Designed and developed by the world's most respected sporting ammunition manufacturer, the new competition round promises to be a sure-fire hit amongst practical shooters.

ELEY have called on 190 years of ammunition quality control expertise to assemble the best components with a specific propellant to provide a safe and effective competition round.

With ELEY Action .38 Super Comp Major, IPSC and USPSA competing athletes can rest assured they have the safest .38 Super Comp Major round on the market.

The round delivers reduced recoil for improved sight picture recovery, and its 'rimless' case loaded with a Round Nose copper metal jacketed 124grn bullet offers reliable magazine stacking and feeding.

The reference firearm has been the STI DVC Open 2011 competition handgun, designed and manufactured for use with Major Power Factor ammunition.



**UNEQUALLED
EXPANSION
ESSENTIAL
STOPPING
POWER**





subsonic hollow .22LR

38gr, hollow point

ELEY subsonic hollow guarantees consistent accuracy. Independent tests show that ELEY's hollow point bullet has market-leading expansion for outstanding stopping power.

One of the quietest hunting rounds available, it has paraffin wax for smooth operation in all weather conditions.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max MG	Primer
Paraffin-based	305m/s - 317m/s	1000ft/s - 1040ft/s	43mm	ELEY Prime

high velocity hollow .22LR

38gr, hollow point

ELEY high velocity hollow features an innovative hollow nosed profile that has been engineered to deliver maximum stopping power. The projectile has market-leading expansion characteristics for short penetration – an essential feature for vermin control.

Increased propellant pushes velocity up to 1250fps for exceptional ballistic performance without compromising on accuracy.



Mean Velocity m/s	Mean Velocity ft/s	Max MG	Primer	Lubricant
344m/s - 381m/s	1130ft/s - 11250ft/s	30mm	ELEY Prime	Paraffin-based



Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.

A person wearing a tan cap with the ELEY logo and "accuracy defined" text is looking through a telescope. The background is a blurred outdoor setting with trees. In the foreground, there is a red and white patterned cloth with a box of bullets on it.

ELEY
accuracy defined

**ACCURACY
CONSISTENCY &
RELIABILITY
IS THE ONLY
WAY TO WIN**





Benchrest precision





tenex .22LR

40gr, flat nose

ELEY tenex is the world's premier competition cartridge. It is the most accurate and successful .22LR cartridge ever developed and is the choice of world's best shooters since 1951.

Investment and continuous technological advances led to the patented flat nose bullet profile. This revolutionary feature aerodynamically stabilises the projectile for increased accuracy.

Lubricant

Beeswax-tallow

Mean Velocity m/s

317m/s - 331m/s

Mean Velocity ft/s

1040ft/s - 1085ft/s

Max RSD

3.75mm

Primer

ELEY.Prime

match .22LR

40gr, flat nose

ELEY match shares technology with ELEY tenex, including the flat nose bullet and the cut mouth case for enhanced ballistic characteristics.

The round is produced on a dedicated line with a suite of analytical processes to ensure match-winning performance.



Mean Velocity m/s

317m/s - 331m/s

Mean Velocity ft/s

1040ft/s - 1085ft/s

Max RSD

4.74mm

Primer

ELEY.Prime

Lubricant

Beeswax-tallow



team .22LR

40gr, flat nose

ELEY team features the patented flat nose bullet and trimmed down case technology to ensure consistent performance in every round.

Part of the tenex family, team is the entry point for competitive shooters looking to use ELEY's premium cartridge range.

Lubricant

Beeswax-tallow

Mean Velocity m/s

317m/s - 331m/s

Mean Velocity ft/s

1040ft/s - 1085ft/s

Max RSD

5.50mm

Primer

ELEY.Prime

Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



semi-auto benchrest precision .22LR

40gr, round nose



ELEY semi-auto benchrest precision benefits from the engineering expertise behind ELEY's leading .22LR target round – ELEY tenex. The round nose bullet profile, combined with an uncompromising approach to quality.

ELEY understand accuracy, consistency and reliability is the only way to win a benchrest match. Continuous research and development into semi-automatic target shooting ensures the new cartridges feature ballistic characteristics to outperform the rest and dominate in the most demanding conditions.

Lubricant	Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer
Ep2723	314m/s - 326m/s	1030ft/s - 1070t/s	4.90mm	ELEY.Prime

semi-auto benchrest outlaw .22LR

42gr, round nose



ELEY semi-auto benchrest outlaw is breaking the rules in .22LR accuracy, delivering outstanding performance and reliability in every round. The semi-automatic ammunition provides benchrest shooters with a round that delivers shot-to-shot consistency thanks to its internal ballistic performance.

Whether training or competing, ELEY semi-auto benchrest outlaw provides the highest accuracy standards expected from ELEY.

Mean Velocity m/s	Mean Velocity ft/s	Max RSD	Primer	Lubricant
317m/s - 332m/s	1040ft/s - 1090ft/s	7.00mm	ELEY.Prime	Ep2723



Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.



**ADVANCED
MEDAL
WINNING
PERFORMANCE**





ELEY® tenex air / ventus



tenex air

8.2gr, flat head

In 2018 we celebrated our 190th anniversary and launched a new air pellet product which bears the historic tenex name and standards: ELEY tenex air. In 1951 ELEY redefined the potential of the .22LR cartridge with ELEY tenex: elite rimfire ammunition for the most discerning shooters. Continuous development and evolution has since maintained our competitive advantage and helped our consumers reach their potential.

An extensive research program revealed the vital features necessary to advance air pellets to the next level; pellet profile, dimensional consistency and weight control were identified as the key parameters affecting accuracy. ELEY's team spent years experimenting, refining and testing, and in 2017 launched ELEY ventus our match-grade pellets.

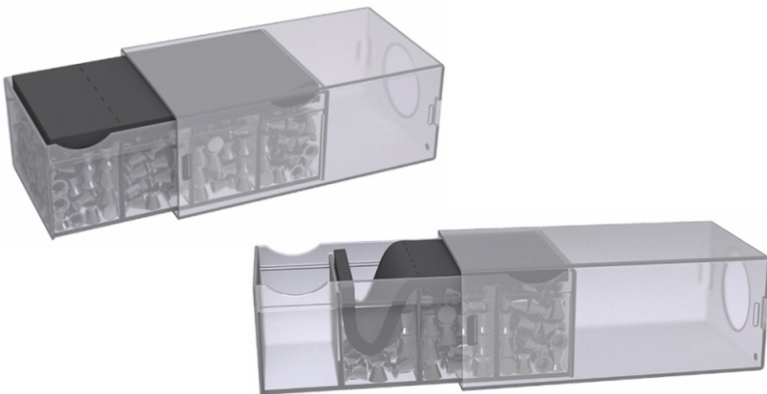
The team continued their product and process development to ensure medal winning performance at the highest levels.

The result is ELEY tenex air. The essential statistics are .177 calibre, 4.49/4.50/4.51 diameters, and 8.2 grains. The key to consistency is in the materials selected, manufacturing techniques deployed, and the analysis and selection processes used to maintain the industry's strictest standards.

ELEY tenex air pellets deliver exceptional accuracy, 30% greater weight control than any competitor, and damage-resistant packaging.

The proof of their performance is in their early success: We gave prototype pellets to three elite shooters at the European Championships in Hungary and the ISSF World Cup in Mexico.

We came away with four medals and a new World Record!



Pellet Profile	Max RSD
Flat head	0.9mm
Head size	Weight
4.49mm / 4.50mm / 4.51mm	8.2 grains

ventus

8.2gr, flat head

From the makers of the world's most accurate .22LR cartridges comes ELEY's .177 air pellet range.

ELEY has discovered that the diameter of the air pellet is key to optimum performance and flight.

Ensuring that the pellet is the right fit for the barrel is essential - our range of three diameters (4.49mm / 4.50mm / 4.51mm) is designed so that shooters can find the correct size for their pistol or rifle.

All ELEY ventus pellets weigh 0.53g / 8.2g, which from our research is the optimum for both air rifles and air pistols. The consistent delivery of air pressure in rifles and pistols is crucial for performance, and minimising the variance from pellet to pellet within a batch also has a huge effect on accuracy.

At ELEY we make all our pellets to extremely tight tolerances and can claim over 30% superior weight variance within a batch.

The pellets are packed in a patented re-sealable and damage resistant box. The box is sectioned into four compartments overlaid with a foam cushion which minimises movement of the pellets and softens the impact if dropped.

ELEY air products are available to test in conjunction with any .22LR tenex test at the United Kingdom or German test ranges.



Pellet Profile	Max RSD
Flat head	1.6mm
Head size	Weight
4.49mm / 4.50mm / 4.51mm	8.2 grains

ELEY®

accuracy defined

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