

7.62 x 51mm Ketsurui Zaibatsu

The 7.62 x 51 mm [Ketsurui Zaibatsu](#) is a full-size rifle cartridge found across the galaxy. It is a standard military cartridge for the [Star Army of Yamatai](#) and the [Nepleslian Reds](#) during their time on [Kennewes](#). Shorthand is 7.62 mm KZ or 7.62 KZ.



Price: 100.00 KS (100 round box)

History

The cartridge is older than the [Yamatai Star Empire](#) by an untold number of decades. It was the mainstay cartridge of the people who colonized what now are the Yamataian and Nepleslian star systems. The [GP-1 Assault Rifle](#), produced by the millions, is the most common firearm to utilize the cartridge, though other weapons also use it, such as the [S300 Hunting Rifle "CCR"](#) and [Zen Armaments Marksman Rifle vz. 1](#).

General Information

Nomenclature	7.62 Ketsurui Zaibatsu
Alt. Nomenclature	7.62 Red Star
Manufacturer	Multiple
Fielded by	Multiple
Availability	Mass Production
Price	100KS (100 round box)

Ammunition Stats

The 7.62 x 51mm Ketsurui Zaibatsu is a rimless bottlenecked rifle ammunition cartridge. The 7.62 KZ cartridge has a bullet diameter of 7.82 mm, a neck diameter of 8.8 mm, a shoulder diameter of 11.5 mm,

and a base diameter of 11.9 mm. The case length is 51.2 mm, and the overall length is 71.1 mm. It's generally flat trajectory makes it a favorite with marksmen.

Damage Rating	Tier 2
Size	7.62x51mm
Caliber	.300
Damage Description	Upon impact, the round creates a significant wound channel.
Effective Range	1000 meters
Muzzle Velocity	820 m/s
Muzzle Blast	Loud and quiet visible without mitigation.
Recoil	Moderate
Energy Source	Gunpowder

Variants

Extensive users of the ammunition type, the [Nepleslian Reds](#) have created over the years a number of variants for internal usage. But their careless ways have seen these variants used by other independent parties.

7.62 KZ Damage Quickchart		
Type	Damage Rating	Purpose
Subsonic	Tier 1	Covert Operations
Ball	Tier 2	Standard Ball
High-Velocity	Tier 2	Long-Distance/Sniper
Frangible	Tier 2	Close Quarters
Armor-Piercing	Tier 3 vs Armor, 1 vs Personnel	
High-Explosive Incendiary	Tier 2 within 1 meter, 3 upon impact	Anti-Material

7.62 KZ Subsonic

The 7.62 KZ Subsonic variant is a masterstroke in stealth engineering. It significantly reduces the shooter's acoustic signature, making it almost whisper-quiet when paired with a suppressor. The round still delivers a substantial wound channel, albeit less lethal compared to its supersonic counterparts. This makes it ideal for covert operations where silence is golden, but lethality cannot be entirely compromised.

The Subsonic variant is particularly useful in missions that require a high degree of discretion. Whether it's an assassination or a rescue operation behind enemy lines, this ammunition allows soldiers to engage targets without alerting the entire vicinity. Its reduced noise also offers psychological advantages, disorienting enemies who find it difficult to pinpoint the origin of the shots.

- 110KS (100 round box)

7.62 KZ High-Velocity

The High-Velocity variant of the 7.62 KZ is the epitome of long-range lethality. Engineered for precision, it maintains devastating wound channels and high levels of hydrostatic shock even at extended distances. The round's aerodynamic design and enhanced propellant ensure that it stays on a true course even in challenging environmental conditions.

Snipers and marksmen find this variant invaluable when they need to take out high-value targets from afar. The round's consistent performance over long distances makes it a reliable choice for engagements where the margin for error is minimal. Its high velocity also reduces the time-to-target, giving the enemy less opportunity to take cover or return fire.

- Effective Range: 1,250 meters
- 150KS (100 round box)

7.62 KZ Frangible

Designed for close-quarters combat and urban warfare, the Frangible variant of the 7.62 KZ disintegrates upon impact. This unique feature creates multiple wound channels, maximizing tissue damage while significantly reducing the risk of over-penetration and collateral damage. It's the round of choice for situations where the backdrop is uncertain, and the safety of bystanders is a concern.

The Frangible ammunition is particularly effective in hostage rescue operations and building clearances. Its design minimizes the chances of rounds passing through walls or the target, thereby reducing unintended casualties. This makes it a humane yet effective choice for complex urban engagements.

- 130KS (100 round box)

7.62 KZ Armor-Piercing

The Armor-Piercing variant of the 7.62 KZ is a formidable round designed to defeat both body armor and light vehicle armor. Upon impact, it creates a deep but narrow wound channel, often passing completely through the target. This makes it an indispensable asset in engagements where armor penetration is a decisive factor.

The AP round is not just for anti-personnel use; it's also effective against light armored vehicles and fortified positions. Its ability to penetrate barriers allows soldiers to engage targets that would otherwise be considered untouchable. The round's specialized tip and high-density core are engineered for maximum penetration, ensuring it performs reliably under the most demanding conditions.

- 200KS (100 round box)

7.62 KZ High-Explosive Incendiary

The High-Explosive Incendiary (HEI) variant of the 7.62 KZ is a multi-purpose round designed for both anti-personnel and anti-material roles. Upon impact, the round detonates, causing both penetration and a small blast radius. This dual-action effect makes it devastating against soft targets and capable of disabling light vehicles.

The HEI round is also effective for sabotage missions, capable of igniting flammable materials and causing secondary explosions. Whether the objective is to disable an enemy vehicle or to set fire to a munitions depot, this round offers a versatile solution. Its incendiary properties make it a psychological weapon as well, instilling fear and chaos among enemy ranks.

- 300KS (100 round box)

OOC Notes

Original article created by [Wes. Demibear](#) updated this article 2023/10/03 22:41 to follow [ammunition template](#). This cartridge is exactly the [7.62 x 51 mm NATO round](#).

Products & Items Database	
Product Categories	weapons: ammunition
Manufacturer	Ketsurui Zaibatsu
Price (KS)	100.00 KS

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