

# Needle Canister Projectile

Built by the [Frontier Manufacturing Service](#) for the [Recoilless Gravity Cannon](#) at the beginning of [YE 40](#) and later for the [Recoilless Graviton Howitzer](#) in [YE 41](#), the NC Projectile is a munition for close combat and antipersonnel usage with vehicular application. When fired the canister is is launched into the beam of gravitons and immediately breaks apart releasing its contents into the stream of gravitons and altering it into a a 15° cone-shaped wave. The resulting shotgun blast makes the cannon slightly more capable of hitting fast moving targets and extra effective at swatting groups of power armored infantry or missiles.

Price:

- 50mm: 30 KS per round
- 150mm: 70 KS per round

## History of the NC Projectile

Shavings from the creation of diamond [SP-ADR](#) projectiles are collected and shaved into razor sharp needles that also cut from the sides. When fired the gravitons in the pulse lose their coherency and leave the barrel in a shotgun-like wave, casting razor sharp needles all along the way. These pose serious danger to personnel even after the shell is fired as these needles aren't magnetic and cannot easily be removed from the body and cut just fine when stepped on. The area affected by a needle canister tends to have a certain sparkle from the remaining shreds of diamond.

## General Information

The following data is for the 50mm NC Projectile:

Nomenclature	<a href="#">Fs-W1-W4200b</a>					
Alt. Nomenclature	DR1	DR 2	DR 3	DR 4	DR 5	DR 6
By Damage Rating	8 NC <sup>1)</sup>	10 NC	13 NC	8 Long NC	10 Long NC	13 Long NC
Manufacturer	<a href="#">Frontier Manufacturing Service</a>					
Fielded by	<a href="#">Frontier Service Corporation</a>					
Availability	Mass Production					
Price Per Round	DR1	DR 2	DR 3	DR 4	DR 5	DR 6
By Damage Rating	0.15 KS	0.30 KS	.45 KS	0.60 KS	0.75 KS	0.90 KS

The following data is for the 50mm NC Projectile:

Nomenclature	<a href="#">Fs-YV1-Z3901b</a>
Alt. Nomenclature	50 NC
Manufacturer	<a href="#">Frontier Manufacturing Service</a>

Fielded by	Frontier Service Corporation
Availability	Mass Production
Price	30 KS

The following data is for the 150mm NC Projectile:

Nomenclature	Fs-YM2-Z4100b
Alt. Nomenclature	150 NC
Manufacturer	Frontier Manufacturing Service
Fielded by	Frontier Service Corporation
Availability	Mass Production
Price	70 KS

Ammunition Stats

These needle canisters look exactly like what you would expect them to, large plastic canisters filled with long slivers of diamond.

Damage Rating	Tier 1
Caliber	8 mm
Damage Description	Kinetic
Effective Range	Dependent on weapon
Muzzle Velocity	.4C
Recoil	Light for Personnel
Energy Source	Gravitic pulse, electricity
Damage Rating	Tier 2
Caliber	10 mm
Damage Description	Kinetic
Effective Range	Dependent on weapon
Muzzle Velocity	.4C
Recoil	Moderate for Personnel
Energy Source	Gravitic pulse, electricity
Damage Rating	Tier 3
Caliber	13 mm
Damage Description	Kinetic
Effective Range	Dependent on weapon
Muzzle Velocity	.4C
Recoil	Heavy for Personnel
Energy Source	Gravitic pulse, electricity
Damage Rating	Tier 4
Caliber	8 mm Long <sup>2)</sup>
Damage Description	Kinetic
Effective Range	Dependent on weapon

<b>Muzzle Velocity</b>	.4C
<b>Recoil</b>	Light
<b>Energy Source</b>	Gravitic pulse, electricity
<b>Damage Rating</b>	Tier 5
<b>Caliber</b>	10 mm Long <sup>3)</sup>
<b>Damage Description</b>	Kinetic
<b>Effective Range</b>	Dependent on weapon
<b>Muzzle Velocity</b>	.4C
<b>Recoil</b>	Moderate for PA
<b>Energy Source</b>	Gravitic pulse, electricity
<b>Damage Rating</b>	Tier 6
<b>Caliber</b>	13 mm <sup>4)</sup>
<b>Damage Description</b>	Kinetic
<b>Effective Range</b>	Dependent on weapon
<b>Muzzle Velocity</b>	.4C
<b>Recoil</b>	Heavy for PA
<b>Energy Source</b>	Gravitic pulse, electricity
<b>Damage Rating</b>	Tier 9
<b>Caliber</b>	50 mm
<b>Damage Description</b>	Kinetic
<b>Effective Range(Atmosphere)</b>	+/-10 Kilometers
<b>Effective Range(Space)</b>	+/-100,000 Kilometers
<b>Muzzle Velocity</b>	.4C
<b>Muzzle Blast</b>	30 meters
<b>Recoil</b>	Moderate
<b>Energy Source</b>	Gravitic pulse, electricity
<b>Damage Rating</b>	Tier 10
<b>Caliber</b>	150 mm
<b>Damage Description</b>	Kinetic
<b>Effective Range(Atmosphere)</b>	+/-25 Kilometers
<b>Effective Range(Space)</b>	+/-250,000 Kilometers
<b>Muzzle Velocity</b>	.4C
<b>Muzzle Blast</b>	100 meters
<b>Recoil</b>	Heavy
<b>Energy Source</b>	Gravitic pulse, electricity

## OOO Notes

This article was made by [Rizzo](#) on 2023/09/29 19:17.

The article was approved by [Andrew](#) on 2023/10/05.<sup>5)</sup>

[Rizzo](#) re-created this article on 2023/10/11 19:11.

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Products & Items Database	
Product Categories	weapons: ammunition
Product Name	Needle Canister Projectiles
Nomenclature	Fs-YV1-Z3901b, Fs-YM2-Z4100b
Manufacturer	<a href="#">Frontier Manufacturing Service</a>
Year Released	<a href="#">YE 40</a>
Price (KS)	70.00 KS
DR v3 max	Tier 10

<sup>1)</sup>

locally pronounced 'nick' for short

<sup>2)</sup> <sup>3)</sup> <sup>4)</sup>

Projectile is double the standard length

<sup>5)</sup>

<https://starmy.com/roleplay-forum/threads/cordoba-combat-mecha.70960/#post-441289>

<sup>6)</sup>

<https://starmy.com/roleplay-forum/threads/pgp-weapons-system.71024/#post-441906>

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