

# Tinvyma Movidoanor (Tunnel Drive)



The [Poku Saeruo Degonjo](#) also known as the [Poku'vonai](#) use [wormhole](#) generating drives for propelling their ships FTL. The name of the drives comes from the fact that the drives tunnel through space.

## Tinvyma Movidoanor

The Tinvyma Movidoanor (*tunnel drive*) creates [Wild Wormholes](#) that allow the [Poku'vonai](#) to traverse long distances.

Once the wormhole is established, the vessel enters it. Other vessels may enter wormhole ahead of the ship that created the wormhole, or with it. All vessels entering must have [HS-SS1-E739/00 Anoka Udano \(Gravity Shield\)](#) to protect them during the transition.

Created wormholes collapse on their own after one minute. Or the ship that created it can trigger the collapse after they pass through the mouth. *This is not a recommended action.*

Starship				
Class	Charge time	Mouth Size (Radius)	% of Ship	Travel Distance
A	60 min	100 meters	5	10 LY
B	30 min	100 meters	10	10 LY
C	60 min	300 meters	15	15 LY
D	30 min	300 meters	20	15 LY
E	15 min	300 meters	25	20 LY
F <sup>1)</sup>	60 min	6000 meters	35	30 LY
Small craft				
Class	Charge time	Mouth Size (Radius)	% of Ship	Travel Distance
<a href="#">AF1-P756/00</a>	30 min	25 meters	-	5 LY

Note: The minimum distance that [Poku'vonai](#) Tunnel drives can travel is 1 AU (150 million kilometers (93 million miles)).

## Components

## Focusing Array

The focusing array on [Poku'vonai](#) vessels retracts during combat to protect it from damage. It is this array that targets and creates the wormhole. It is designed to handle the output from the following generators.

### Heim Force Generators

The Tunnel Drive contains a pair powerful [Heim Force Generator](#). One is configured to generate 'gravito-photons' and the other 'anti-gravito-photons'. After the formation of the wormhole the output of these generators is used to shield the vessel from damage during transit. See: [HS-SS1-E739/00 Anoka Udano \(Gravity Shield\)](#)

### Dark Matter Generator

This generator is designed to create and contain Nonbaryonic dark matter.

### Baryon Particle Generator

This generator designed to create and contain Baryon particles.

### Tachyon Particle Generator

This generator is designed to create a power beam of Tachyon particles.

## Mouth

The entrance to a wormhole is referred to as a mouth. The size of the entrance is dependent upon the amount of energy in the engines.

## OOC Notes

Authored by [Nashoba](#) and approved by [Wes](#) on Sep 21, 2009 <sup>2)</sup>

<sup>1)</sup>

The Qaktoro Arks are the only ships with these drives currently.

2)  
<https://stararmy.com/roleplay-forum/index.php?threads/hidden-sun-clan-tunnel-drive.4493/>

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