



Inbore Subcaliber Training Device (ISTD)

- IMI's Inbore sub caliber-training device (ISTD) provides an affordable and effective means for tank's crew training
- The ISTD's shape and weight is comparable with the tank's round, and it is loaded and fired through the main gun barrel, just like an actual tank round
- The ISTD is being stowed in the tank's ammunition rack
- The ISTD is type classified and widely used by the Israel Defence Force (IDF) both for gunnery and crew training
- The ISTD was tested and approved for use by M60, Leopard 1 and 2, T55 and Centurion tanks



Characteristics

- ISTD's standard ammunition is 20 mm, M39 series. Other ammunition is available upon request
- No preparation or modification to tank is necessary, allowing immediate switch from firing mode to subcaliber training mode and vice versa in no time
- Extremely safe - firing takes place only when ISTD is inserted into chamber, breechblock is closed and gunner pushes the firing switch
- ISTD ballistic parameters and effective range are almost the same as the ballistic parameters of HESH round: the effective range is 1500 m
- Gunner's aiming and firing procedures are the same as for main gun rounds
- Loader performs the same operations as with real tank rounds
- Automatic breech opening - an option
- Simple, low- cost maintenance

Technical Data

- **Firing unit:** electronic converter with safety features, fitted to the electric parameters of the tank and the 20 mm subcaliber ammunition
- **Firing:** single shot firing only
- **Muzzle velocity:** 970 m/s
- **Safety zone:** 3700 m from firing point (for elevation less than 15°)
- **Weight:** 22kg (48.4 lb) for 105 mm caliber, 25 kg (55 lb) for 120 mm caliber

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