F 52 Tushil [Talwar Class, Batch 3, Pr.1135.6] - 2022

India

Type: FFG - Guided Missile Frigate

Max Speed: 32 kt

Commissioned: 2022

Length: 124.8 m

Beam: 15.2 m

Draft: 4.2 m

Crew: 180

Displacement: 3620 t

Displacement Full: 4035 t

Propulsion: 2x M-7N1 Gas Turbines

Sensors / EW:
- Scanter 6002 - Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 177.8 km
- Cross Round [MR-352 Positiv ME-1.2] - (CADS-N-1 Target Designator) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 129.6 km
- TK-25E-5 ECM [ASOR-11356] - (CADS-N-1 Target Designator) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Front Dome [MR-90 Orekh] - (1981, Fire Dome?) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 74.1 km
- Palm Frond [MR-212 Nayada] - (MR-201 Vay, Rashmi, Pal, Nyada) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Bull Nose [MGK-335EM-02 Zarya-M] - (MR-201 Vay, Rashmi, Pal, Nyada) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- ATAS(V)2 - (MR-201 Vay, Rashmi, Pal, Nyada) TASS, Active/Passive Towed Array Sonar System, TASS, Active/Passive Towed Array Sonar System, Max range: 74.1 km
- Varuna - (MR-201 Vay, Rashmi, Pal, Nyada) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Top Plate [MR-710 Fregat M2EM] - (MAE-3/5) Radar, Radar, Air & Surface Search, 3D Long-Range, Max range: 296.3 km
- KH Nucleus 2-6000 - (MAE-3/5) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- 5P-10E Puma [Radar] - (GFCS) Radar, Radar, FCR, Weapon Director, Max range: 60 km
- Generic Gun Director [TV Camera] - (3rd Gen, Anti-Air & Surface) Visual, Visual, Weapon Director TV Camera, Max range: 185.2 km
- Generic Laser Rangefinder - (Anti-Air & Surface) Laser Rangefinder, Laser Rangefinder, Max range: 7.4 km

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Weapons / Loadouts:
- RBU-6000 Salvo [12 rnds] - (1961) Rocket. Subsurface Max: 5.6 km.
- 30mm Twin Gatling Gsh-6-30K Burst [375 rnds] - (CADS-N-1) Gun. Air Max: 1.9 km. Surface Max: 2.8 km.

- SA-N-11a Grisom [9M311K] - (1988, Kashtan, 3M87 Kortik) Guided Weapon. Air Max: 7.4 km. Surface Max: 7.4 km.
- SS-N-27 Sizzler [3M54E1 Klub] - (Export) Guided Weapon. Surface Max: 220 km.
- 100mm/59 A-190 Frag - (Anti-Aircraft) Gun. Air Max: 2.8 km. Surface Max: 14.8 km. Land Max: 14.8 km.
- 100mm/59 A-190 HE - Gun. Surface Max: 14.8 km. Land Max: 14.8 km.
- KT-216 Chaff - (120mm) Decoy (Expendable). Surface Max: 1.9 km.
- KT-216 Flare - (120mm) Decoy (Expendable). Surface Max: 1.9 km.
- SET-65KE - (2008, Ship) Torpedo. Subsurface Max: 7.4 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- SA-N-12 Grizzly [9M317] - (1998, 9K37 Ezh) Guided Weapon. Air Max: 74.1 km. Surface Max: 46.3 km.
- SA-16 Gimlet [9M313] - (1988, 9K310 Igla-1) Guided Weapon. Air Max: 5.6 km.