Thrust bearing → A thrust bearing is a particular type of rotary bearing. Like other bearings they permit ~~rotary~~ rotation between parts but they are designed to support a predominately axial load. ~~Lets here~~

Types of thrust bearing

(I) Tapered roller thrust bearings

(II) Magnetic bearings

(III) Thrust Ball Bearings

(IV) Fluid bearings

(I) Tapered roller thrust bearings → Tapered roller bearings have tapered inner and outer ring raceways and combined loads i.e. simultaneously acting radial and axial loads. The projection lines of the raceways meet at a common point the bearing axis to provide true rolling and low friction.

(2) Magnetic bearings → A magnetic bearing is a type of bearing that supports a load using magnetic levitation. Magnetic bearings support parts without physical contact. For instance they are able to levitate a rotating shaft and permit relative motion with very low friction and no mechanical wear. magnetic bearing support the highest speed of all kinds of bearing and have no maximum relative speed.

Fluid bearings → Fluid bearings are bearings in which the load is supported by a thin layer of rapidly moving pressurized liquid or gas between the bearing support in surfaces.