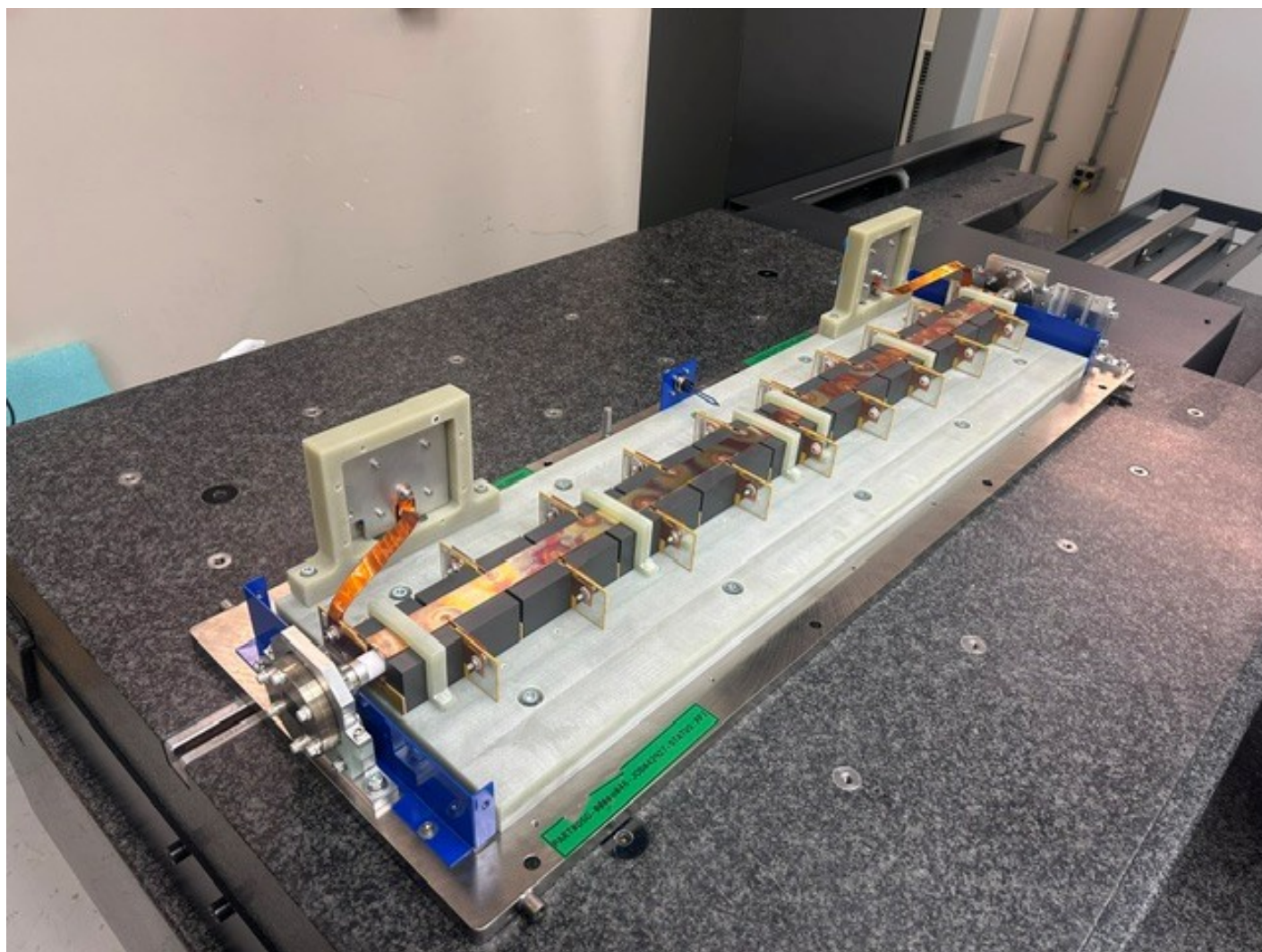


HE-KICKER-MAGNET-ASSY



Inspector : K. Caban
Engineer : T. Beukers
Drawing No. : DSG-000005046
Barcode # :PCD12684
Date:17-JUL-2026

Coordinate System Setup

Spatial Alignment

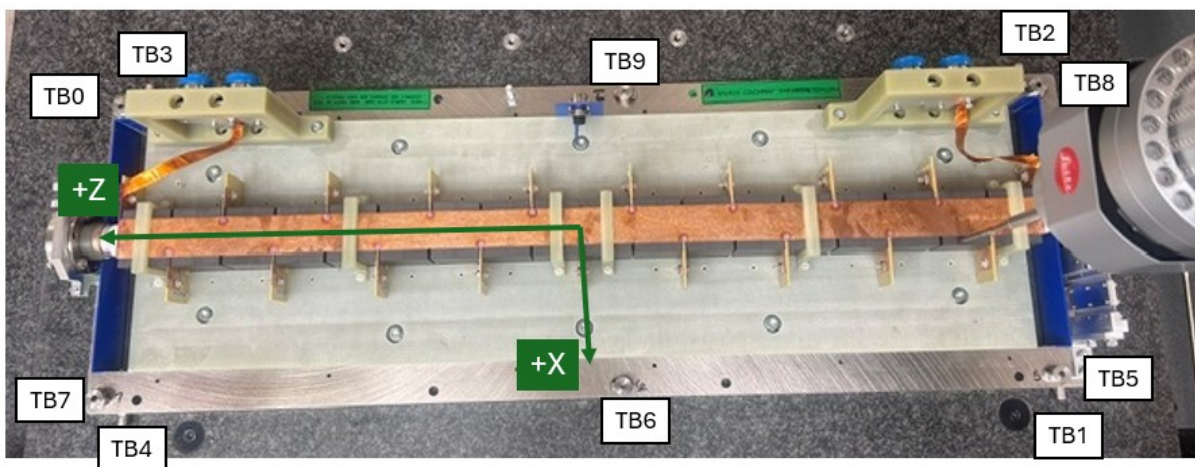
Upstream End and Downstream End
Sets Zero in X & Y and sets Pitch/Yaw

Planar Alignment

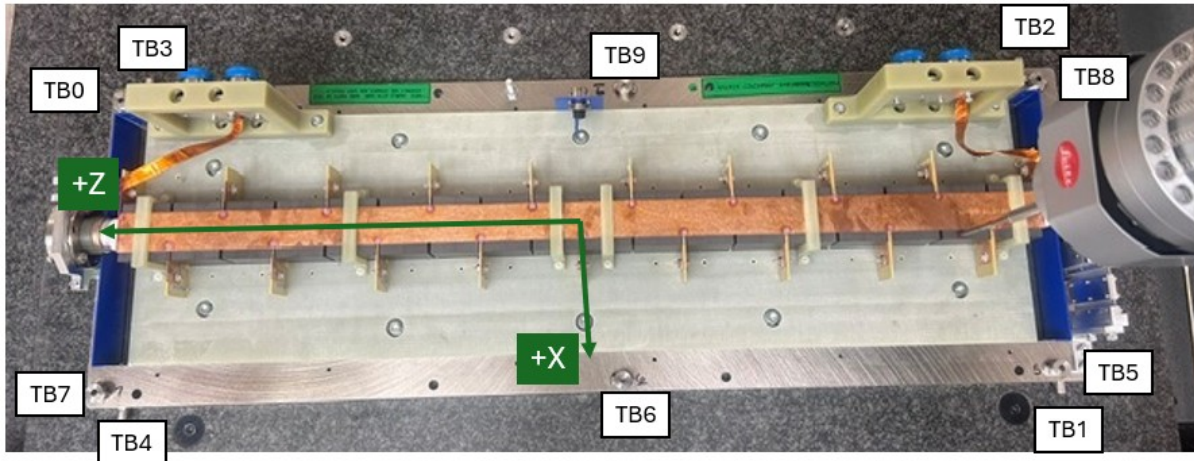
Top Plane of Ferrite U-Core
Sets Roll (+Y direction)

Coordinate Origins

Origin in Z is the symmetry Plane of the end of the Upstream end of U-Core Ferrite (side with flexure holder sticking down from plate) and Downstream end of U-Core Ferrite.



Tooling Ball Locations



Tooling Ball	X Coord.	Y Coord.	Z Coord.
TB 1	8.4866	-2.3183	-20.2370
TB 2	-8.5129	-2.3190	-20.2346
TB 3	-8.4765	-2.3406	19.6339
TB 4	8.5223	-2.3449	19.6259
TB 5	6.4094	-0.5638	-20.0864
TB 6	6.5230	-0.5757	-1.5625
TB 7	6.3977	-0.5889	20.5340
TB 8	-6.3320	-0.5673	-20.7263
TB 9	-6.5144	-0.5761	-2.0373
TB 0	-6.3282	-0.5855	20.5197
TB A	7.7996	-2.3121	-20.2418
TB B	-7.8264	-2.3150	-20.2368
TB C	-7.7893	-2.3336	19.6381
TB D	7.8353	-2.3398	19.6309
TB E	6.4094	-1.2533	-20.0864
TB F	6.5228	-1.2644	-1.5622
TB G	6.3980	-1.2782	20.5350
TB H	-6.3321	-1.2569	-20.7274
TB I	-6.5145	-1.2649	-2.0391
TB J	-6.3287	-1.2740	20.5201

Tooling Ball Locations (1-0) are 1 inch away Tooling Ball Adapter Plane
Tooling Ball Locations (A-J) are 5/16 inch above Tooling Ball Adapter Plane
Dimensions in Inch