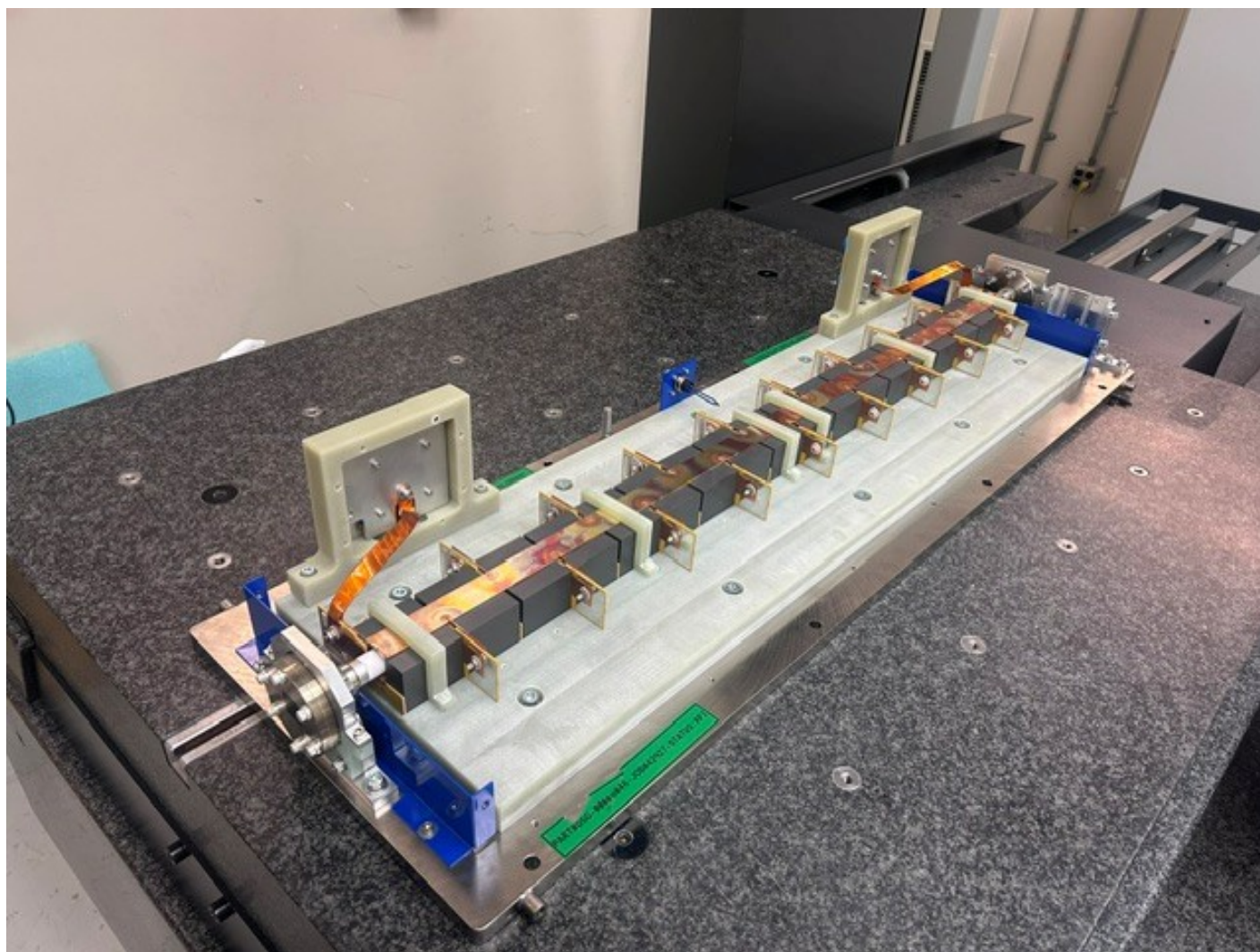


## HE-KICKER-MAGNET-ASSY



Inspector : K. Caban  
Engineer : T. Beukers  
Drawing No. : DSG-000050348 R00  
Barcode # :PCD12682  
Date:16-JUL-2026

## Coordinate System Setup

### Spatial Alignment

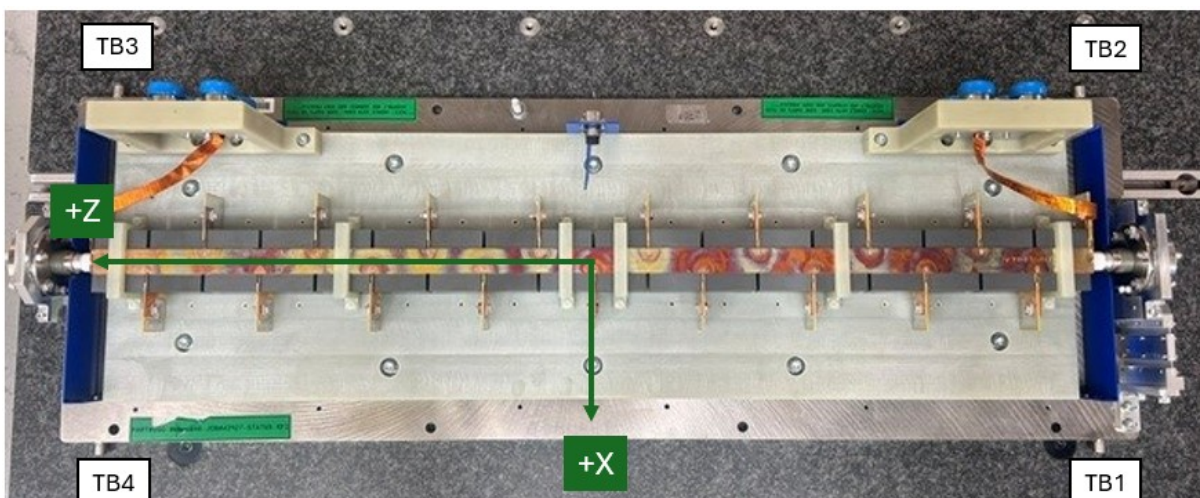
Upstream End and Downstream End  
Sets Zero in X & Y and sets Pitch/Yaw

### Planar Alignment

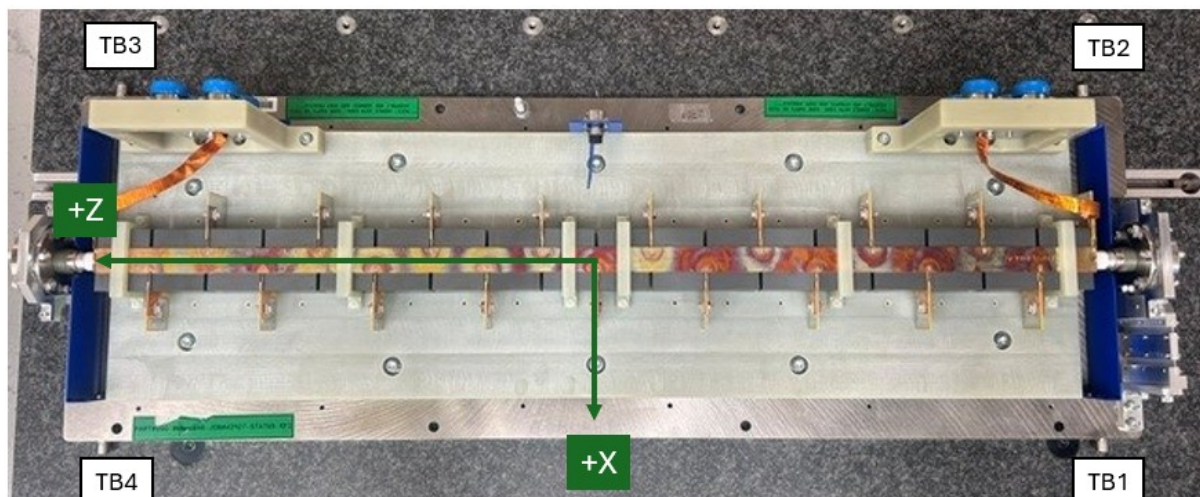
Top Plane of Ferrite U-Core  
Sets Roll (+Y direction)

### 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         | 8.5008   | -2.3210  | -20.2257 |
| TB 2         | -8.5010  | -2.3207  | -20.2197 |
| TB 3         | -8.4964  | -2.3232  | 19.6494  |
| TB 4         | 8.5061   | -2.3321  | 19.6430  |
| TB A         | 7.8132   | -2.3165  | -20.2262 |
| TB B         | -7.8137  | -2.3192  | -20.2238 |
| TB C         | -7.8090  | -2.3164  | 19.6510  |
| TB D         | 7.8171   | -2.3270  | 19.6501  |

Tooling Ball Locations (1-4) are 1 inch away Tooling Ball Adapter Plane  
Tooling Ball Locations (A-D) are 5/16 inch above Tooling Ball Adapter Plane  
Dimensions in Inch

**Barcode # :PCD12682**