ITS Installation

Beam pipe trolley extension:

Drawings sent to Lee
Aluminium flat bars ordered

Non guiding rollers on both sides
ITS Installation

Cage + beam pipe:

Previous trolley brake to lock trolley + cage to the table

230mm

780mm
ITS Insertion tests

**Cage replica**: end cap and BP arms

BP arms and replica don’t need to be compatible = simplified design
ITS Insertion tests

**Cage replica :** ST1213359_01

Cover ribs from prototype : ok, need holes for mft cables
End cap and beam pipe arms : drawings ready
Cross and special pins : same design than normal cage
Mock up of targets ?
Looking for a way to clamp that to the TPC mock up
ITS Cage

Beam pipe support C:
beam pipe Ø44.4, support Ø44.6, gap 0.1
support Ø44.6 – Ø51, wall thickness 3.2
support carbon Ø54
(drawings ready)

Beam pipe support B:
beam pipe Ø52, support Ø52.2, gap 0.1
support Ø52.2 – Ø57, wall thickness 2.4
bake out Ø62.5
ITS barrels Insertion

Chassis IB:

- Ball feet needs to change
- 39.5kg
- 2x 9.1kg
- 3.7kg