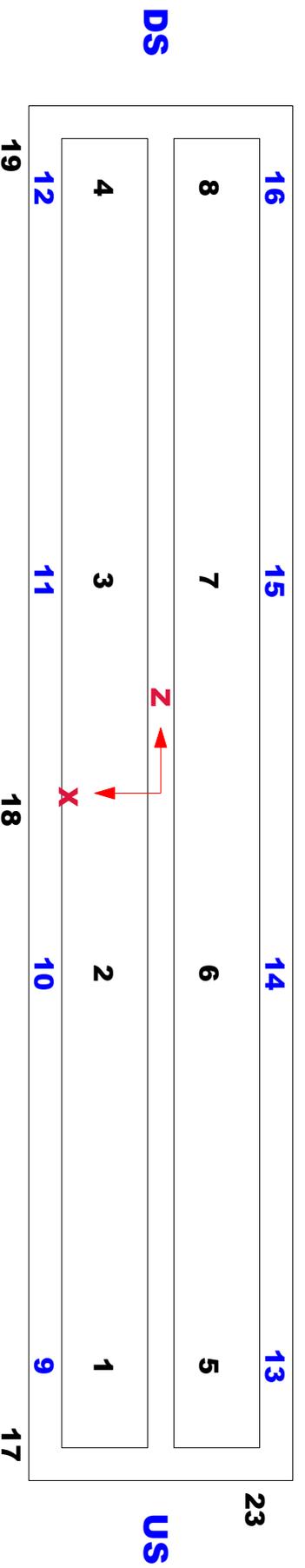


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.318	-0.258	-1489.326
TB 10	430.517	-0.363	-523.681
TB 11	430.738	-0.471	523.780
TB 12	430.914	-0.581	1488.647
TB 13	-429.887	-0.499	-1488.956
TB 14	-429.824	-0.407	-524.086
TB 15	-429.582	-0.418	524.300
TB 16	-429.367	-0.499	1489.853

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.761	135.811	-1665.691
TB 2	98.639	135.861	-556.031
TB 3	99.268	135.810	555.863
TB 4	99.135	135.765	1666.104
TB 5	-97.924	135.586	-1666.334
TB 6	-97.789	135.664	-556.381
TB 7	-97.733	135.646	555.524
TB 8	-97.659	135.504	1665.757
TB 17	473.551	-229.831	-1584.656
TB 18	474.085	-227.400	85.093
TB 19	473.702	-228.609	1579.134
TB 23	-404.441	-230.032	-1711.261



**Gridler centerline in reference to Beam Pipe Locating Pins**

Dimensions in MM, Angles in Milliradians



**HGVPU - Pre-Tune Fiducials at 9mm Gap, Tooling Balls**

Nominal Gap :	9.000	US Full :	9.000	DS Full :	9.0002
Nom. Taper :	0.000	US Wall Half :	4.4990	DS Wall Half :	4.5000
		US Aisle Half :	4.4990	DS Aisle Half :	4.5001

S/N	: HXU_011
Date	: 10-MAR-2020
Data Set	: 0001
Run	: 001
Cam Pos.	: B