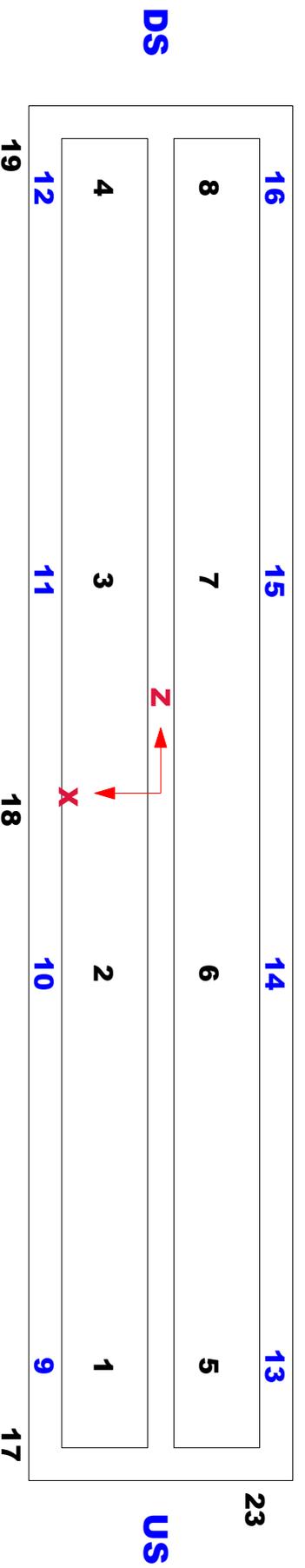


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.200	-0.426	-1489.378
TB 10	430.405	-0.188	-524.689
TB 11	430.815	-0.316	524.193
TB 12	430.945	-0.481	1490.167
TB 13	-430.124	-0.399	-1489.313
TB 14	-429.980	-0.504	-525.260
TB 15	-429.817	-0.109	525.006
TB 16	-429.371	-0.548	1489.192

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.401	135.808	-1665.931
TB 2	99.108	135.846	-555.703
TB 3	99.219	135.818	556.471
TB 4	99.196	135.720	1666.573
TB 5	-98.393	135.750	-1666.233
TB 6	-98.067	135.817	-556.296
TB 7	-98.309	135.801	555.818
TB 8	-97.930	135.754	1665.664
TB 17	473.287	-231.041	-1582.797
TB 18	473.319	-228.413	85.595
TB 19	472.392	-231.336	1578.785
TB 23	-404.345	-230.733	-1710.323



**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 :	9.001	DS Full :	8.9994
Nom. Taper :	0.000	US Wall Half :	4.5055	DS Wall Half :	4.4962
		US Aisle Half :	4.4958	DS Aisle Half :	4.5039

S/N	: HXU_014
Date	: 17-AUG-2020
Data Set	: 0001
Run	: 001
Cam Pos.	: B