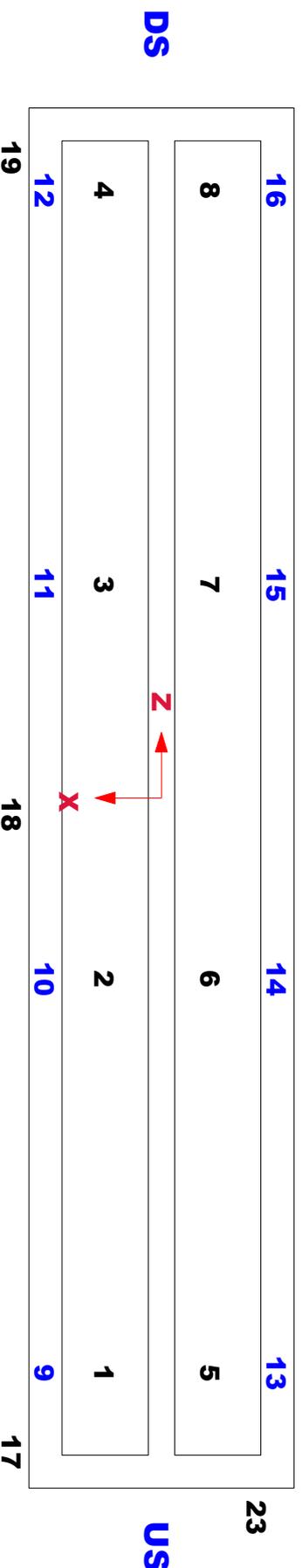


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.194	-0.392	-1488.689
TB 10	430.482	-0.343	-523.211
TB 11	430.781	-0.290	524.178
TB 12	430.973	-0.517	1489.703
TB 13	-430.267	-0.091	-1490.212
TB 14	-429.975	-0.321	-524.619
TB 15	-429.711	-0.144	523.728
TB 16	-429.361	-0.094	1489.762

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.158	135.753	-1665.720
TB 2	98.916	135.741	-555.688
TB 3	99.269	135.681	556.204
TB 4	99.482	135.557	1666.255
TB 5	-98.781	135.819	-1666.144
TB 6	-98.418	135.864	-556.591
TB 7	-98.310	135.893	555.664
TB 8	-97.802	135.880	1665.403
TB 17	474.168	-230.698	-1583.027
TB 18	474.698	-228.111	85.071
TB 19	473.445	-231.632	1579.194
TB 23	-402.602	-230.071	-1711.017



**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 :	8.9999
Nom. Taper :	0.000	US Wall Half :	4.4994	DS Wall Half :	4.5012
		US Aisle Half :	4.4991	DS Aisle Half :	4.5033

S/N :	HXU 012
Date :	25-FEB-2020
Data Set :	0001
Run :	001
Cam Pos. :	B