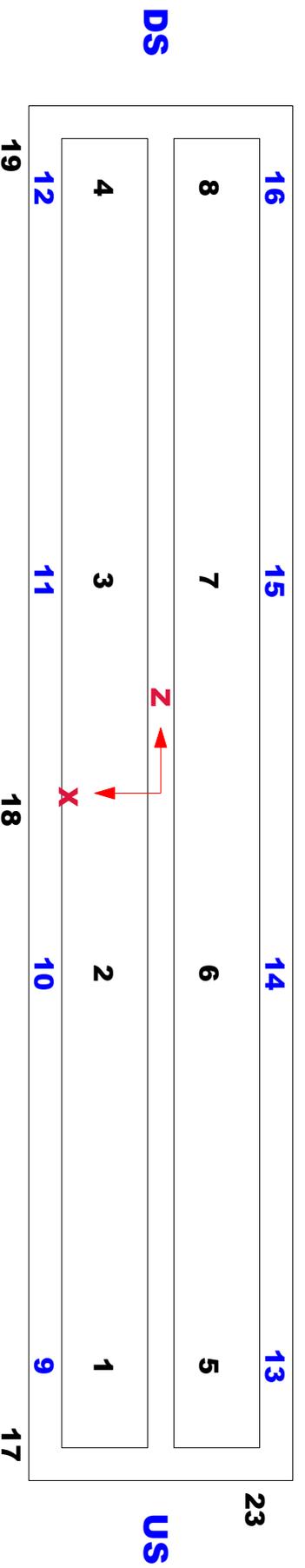


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.232	-0.343	-1488.758
TB 10	430.139	-0.276	-523.745
TB 11	430.162	-0.488	524.895
TB 12	430.239	-0.558	1489.716
TB 13	-430.193	-0.101	-1489.732
TB 14	-430.154	-0.260	-524.439
TB 15	-430.701	-0.046	524.047
TB 16	-430.759	-0.357	1489.357

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.630	135.908	-1665.709
TB 2	98.384	135.874	-555.646
TB 3	98.801	135.822	556.444
TB 4	98.674	135.773	1666.410
TB 5	-98.784	135.891	-1666.137
TB 6	-98.630	135.907	-555.998
TB 7	-98.694	135.912	555.688
TB 8	-98.542	135.881	1665.908
TB 17	472.090	-226.761	-1583.123
TB 18	472.471	-228.085	85.315
TB 19	472.333	-228.306	1579.736
TB 23	-405.346	-229.022	-1710.368



**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 :	8.9995
Nom. Taper :	0.000	US Wall Half :	4.5013	DS Wall Half :	4.5059
		US Aisle Half :	4.5053	DS Aisle Half :	4.5130

S/N	: HXU_015
Date	: 01-OCT-2020
Data Set	: 0001
Run	: 001
Cam Pos.	: B