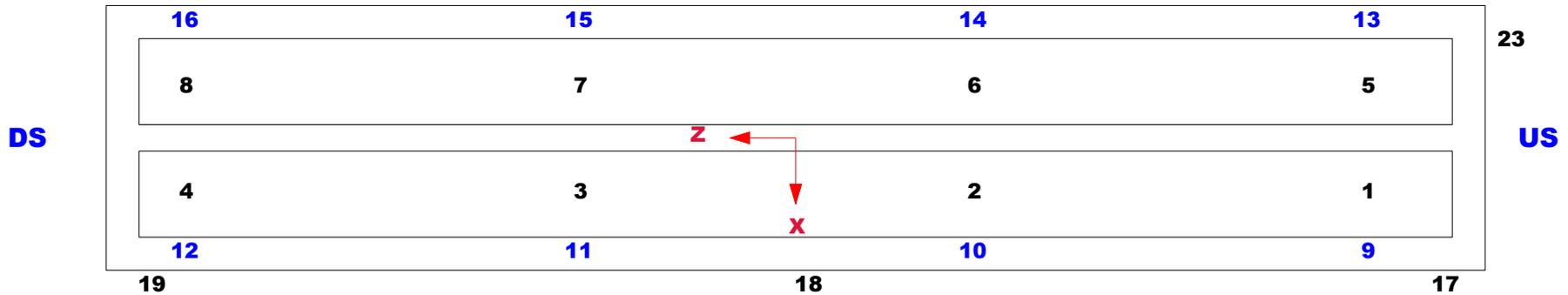


**.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.077	-0.422	-1489.861
TB 10	430.277	-0.854	-524.676
TB 11	430.452	0.031	525.083
TB 12	430.282	-0.066	1489.412
TB 13	-429.642	-0.333	-1489.801
TB 14	-429.713	-0.206	-524.239
TB 15	-429.771	0.011	523.448
TB 16	-429.644	-0.100	1490.119

**1.5in Tooling Ball Center Coordinates**

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.321	135.677	-1665.708
TB 2	98.531	135.742	-555.884
TB 3	98.617	135.736	556.296
TB 4	98.632	135.646	1666.108
TB 5	-98.544	135.672	-1666.504
TB 6	-98.256	135.684	-556.199
TB 7	-98.240	135.670	555.472
TB 8	-97.989	135.668	1665.679
TB 17	472.494	-230.602	-1581.786
TB 18	472.978	-228.189	85.822
TB 19	472.000	-232.385	1575.945
TB 23	-404.779	-231.217	-1709.119



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

Dimensions in MM, Angles in Milliradians



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

<b>Nominal Gap :</b>	<b>9.000</b>	<b>US Full :</b>	<b>9.000</b>	<b>DS Full :</b>	<b>9.0006</b>
<b>Nom. Taper :</b>	<b>0.000</b>	<b>US Wall Half :</b>	<b>4.4994</b>	<b>DS Wall Half :</b>	<b>4.4990</b>
		<b>US Aisle Half :</b>	<b>4.4990</b>	<b>DS Aisle Half :</b>	<b>4.4995</b>

<b>S/N</b>	: <b>HXU_007</b>
<b>Date</b>	: <b>23-JUL-2019</b>
<b>Data Set</b>	: <b>0001</b>
<b>Run</b>	: <b>001</b>
<b>Cam Pos.</b>	: <b>B</b>