

PRESTRESS SERVICES

INDUSTRIES LLC

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Indiana I-Beam (8" Web, 49" Top) Reinforcement Details

Product Code	Depth (in)	Area (in ²)	Y _b (in ⁴)	I _{xx} (in ⁴)	I _{yy} (in ⁴)	Weight (plf)
4N 54 49	54	941.3	29.2	355,382	77,192	981
4N 60 49	60	989.3	32.2	465,959	77,448	1031
4N 66 49	66	1037.3	35.3	594,333	77,704	1081
4N 72 49	72	1085.3	38.4	741,370	77,960	1131
4N 78 49	78	1133.3	41.5	907,934	78,216	1181
4N 84 49	84	1181.3	44.5	1,094,891	78,472	1231
4N 90 49	90	1229.3	47.6	1,303,106	78,728	1281
4N 96 49	96	1277.3	50.6	1,533,442	78,984	1331
4N 102 49	102	1325.3	53.7	1,786,765	79,240	1381

