

PRESTRESS SERVICES

INDUSTRIES LLC

Lexington, Ky - Decatur, In - Melbourne, Ky - Columbus, Oh - Henderson, Ky - Jackson, Ms - Memphis, Tn
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Indiana I-Beam (7" Web, 42" 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 42	54	855.7	28.5	325,981	55,012	892
4N 60 42	60	897.7	31.6	427,174	55,184	935
4N 66 42	66	939.7	34.7	544,523	55,355	979
4N 72 42	72	981.7	37.7	678,784	55,527	1023
4N 78 42	78	1023.7	40.6	830,715	55,698	1067
4N 84 42	84	1065.7	43.6	1,001,071	55,870	1110
4N 90 42	90	1107.7	46.6	1,190,608	56,041	1154
4N 96 42	96	1149.7	49.7	1,400,081	56,213	1198
4N 102 42	102	1191.7	52.7	1,630,249	56,384	1242

