

TABLE OF DIMENSIONS - TYPE S BEARINGS FOR STEEL BEAMS

Bearing Designation	Bearing Width W	Bearing Length L	Number of Internal Elastomer Layers n	h_{rt} ①	Number of Steel Shims n_s	Bearing Total Thickness H
S1-A	11"	8"	2	$1 \frac{9}{16}$ "	3	$1 \frac{27}{32}$ "
S1-B	11"	8"	3	$2 \frac{1}{16}$ "	4	$2 \frac{7}{16}$ "
S2-A	12"	9"	2	$1 \frac{9}{16}$ "	3	$1 \frac{27}{32}$ "
S2-B	12"	9"	3	$2 \frac{1}{16}$ "	4	$2 \frac{7}{16}$ "
S3-A	13"	10"	3	$2 \frac{1}{16}$ "	4	$2 \frac{7}{16}$ "
S3-B	13"	10"	4	$2 \frac{9}{16}$ "	5	$3 \frac{1}{32}$ "
S4-A	15"	11"	4	$2 \frac{9}{16}$ "	5	$3 \frac{1}{32}$ "
S4-B	15"	11"	5	$3 \frac{1}{16}$ "	6	$3 \frac{5}{8}$ "
S5-A	16"	12"	4	$2 \frac{9}{16}$ "	5	$3 \frac{1}{32}$ "
S5-B	16"	12"	5	$3 \frac{1}{16}$ "	6	$3 \frac{5}{8}$ "
S6-A	20"	13"	5	$3 \frac{1}{16}$ "	6	$3 \frac{5}{8}$ "
S6-B	20"	13"	6	$3 \frac{9}{16}$ "	7	$4 \frac{7}{32}$ "
S7-A	20"	15"	6	$3 \frac{9}{16}$ "	7	$4 \frac{7}{32}$ "
S7-B	20"	15"	7	$4 \frac{1}{16}$ "	8	$4 \frac{13}{16}$ "

NOTES:

① h_{rt} is defined as the summation of all internal elastomer thicknesses plus the external elastomer thicknesses.

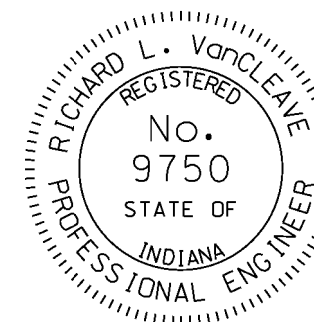
2. See Standard Drawing E 726-BEBP-03 for Type S bearing assembly details.

INDIANA DEPARTMENT OF TRANSPORTATION

ELASTOMERIC BEARING PADS
TYPE S

SEPTEMBER 2009

STANDARD DRAWING NO. E 726-BEBP-04



DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 09/01/09
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/01/09
CHIEF HIGHWAY ENGINEER DATE