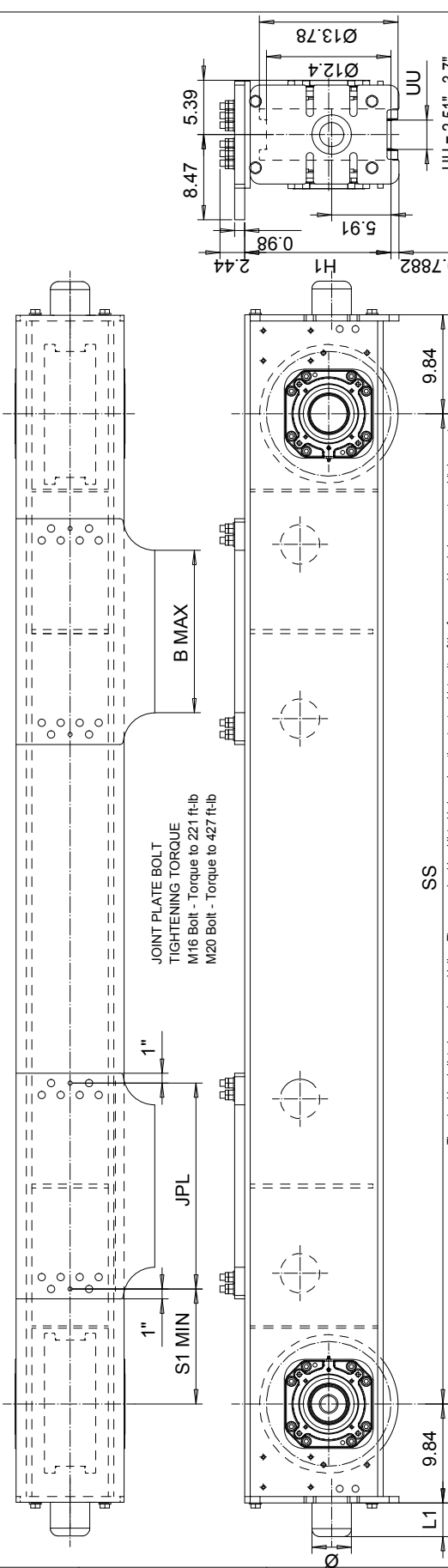


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RTN32 END TRUCK TOP JOINT PLATE TYPE K



The wheel loads listed are only a guideline. The max. wheel load listed is based on the structural integrity of the frame and load placement, and it does not take into account permissible wheel loading or bearing life. SG load placement is at the center, and DG load placement is for a trolley gauge of 1400 mm [55'18"]. The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 40 m/min [130 fpm], end truck duty is Fen 2in, and the runway rail as listed. The actual wheel load should not exceed the permissible wheel load. If the permissible dynamic wheel load is greater than the maximum dyn wheel load, then the actual wheel load cannot exceed maximum dyn wheel load.
 Dyn wheel load = 1.15 x static wheel load.

Product Code example
RTN32-2574-K40880C0000-N

- N=standard, E=Special
- primer paint, color code (not in use with RTN32)
- Buffer type
- Joint plate distance (pin to pin, with double DG girder) (driving wheel to pin with asymmetrical single SG girder)
- Joint plate code
- =TWD, D =2WD (Number of driving wheels/end carriage)
- Wheel groove =UU
- Wheel base =SS
- =std, C=asymmetrical joint
- Type of end carriage

Joint plate	JPL	B max
K4	20.47"	16.14"
K5	24.80"	20.47"
K7	33.46"	29.13"
K9	43.31"	38.98"

Minimum wheelbase with K9 joint plate is 10'-4".

Buffer type	L1	Ø
B	2 11/16"	3 3/16"
C	3 5/16"	3 15/16"
D	4 1/8"	4 15/16"
E	5 15/16"	3 15/16"
F	7 1/2"	4 15/16"
H	6 5/16"	6 5/16"
I	7 7/8"	7 7/8"
M	4 15/16"	4 15/16"
P	9 7/16"	6 5/16"
S	11 13/16"	7 7/8"
T	13 3/4"	9 7/8"
Y	18 3/4"	9 7/8"

Wheelbase code	SS	Max dyn whl load, (kip)		Perm dyn whl load, (kip)		Approx. Wt./Trk, lb	
		SG	DG	ASCE 85	BETH 135	SG	DG
25	8'-2 7/16"	56.93	44	37.5	49.3	1405	1610
32	10'-4"	56.93	44	37.5	49.3	1593	1798
40	13'-1 1/2"	46.8	41.63	37.5	49.3	1796	2001
45	14'-9 1/8"	45	40.95	37.5	49.3	1919	2124
50	16'-4 7/8"	45	40.95	37.5	49.3	2188	2393
55	18'-1/2"	40.95	40.95	37.5	49.3	2323	2528

Pos	Description	Specification	ETTP/IA	Id	Drawing
Design	ETTP/IA	Chd	ETTP/IA		Ref Drawing
Date	2008-08-11				
Part	SLEDDOCV				
	OUTLINE DRAWING				
	RTN32-K				
	RTN32 END TRUCK TOP JOINT				

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 3/2012