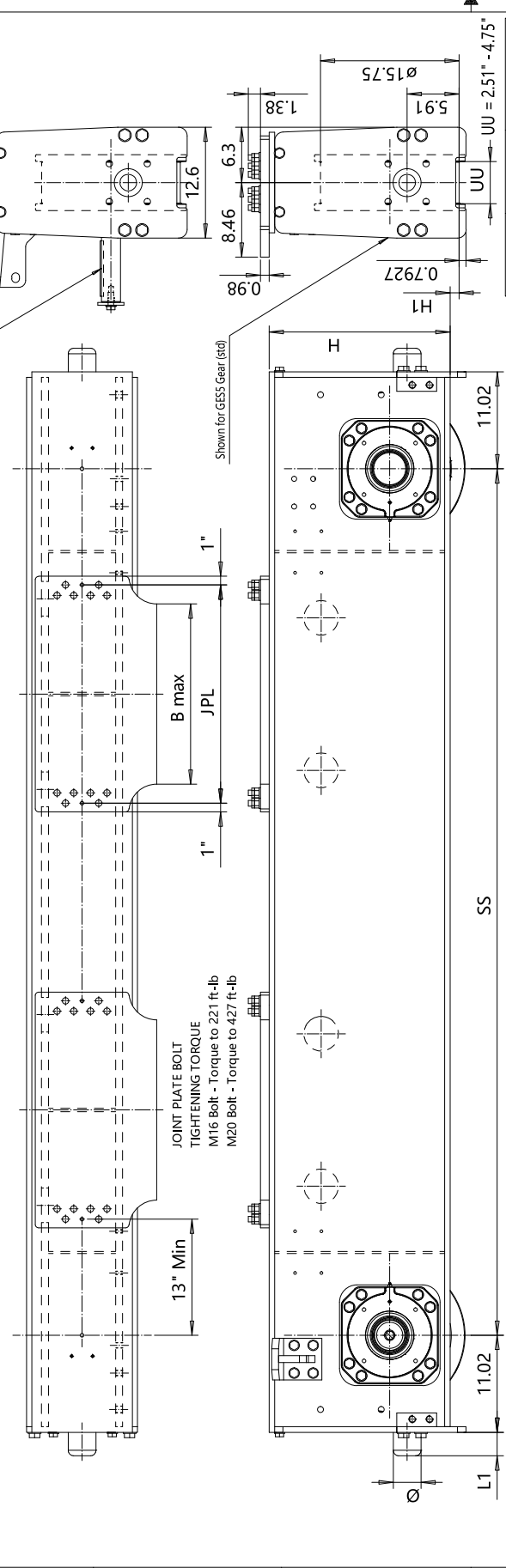


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# RTN40 END TRUCK TOP JOINT PLATE TYPE K

Shown for QM6 Gear (option)



Product Code example **RTN40-257.5-K50.570C0000-N**

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 gearset 1400 mm (55 1/8"). The permissible dynamic wheel load listed is based on assumptions that the bridge speed is 32 m/min (100 fpm), end truck duty is Fem 2m, 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.

N=standard, E=Special  
 -primer paint, color code (not used with RTM40)  
 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  
 Type of end carriage

Wheelbase code	SS	Max dyn whl load, (kip)	Permitted whl load, (kip)	Approx. Wt*, T/Trk, lb	H	H1
25	8'-2 7/16"	78.8	78.8	2242	20 9/16"	1"
32	10'-4"	78.8	78.8	2308	20 9/16"	1"
40	13'-1 1/2"	78.8	78.8	2485	20 7/8"	7/8"
45	14'-9 1/8"	78.8	78.8	2749	25 5/16"	1"
50	16'-4 7/8"	78.8	78.8	3146	25 5/8"	7/8"
55	18'-1/2"	78.8	78.8	3521	25 5/8"	7/8"

Joint plate	JPL	B max	Weight/pc (lb)
K4	20.47"	16.14"	86
K5	24.80"	20.47"	104
K7	33.46"	29.13"	137
K9	43.31"	38.98"	174

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

\*Approximate weight of end truck assumes GESS drive wheel and K5 joint plate. QM6 drive parts adds extra weight.

Weight, lb
QM6
73

Buffer type	L1	UU
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"

B, C, D rubber  
 K, G, E, F, H, I, M, P, S polyurethane

Design	2008-08-11	ETTPA CND	Ref Drawing
Base <td>SLEDOOCV <td>END TRUCK <td></td> </td></td>	SLEDOOCV <td>END TRUCK <td></td> </td>	END TRUCK <td></td>	
Part <td> <td>OUTLINE DRAWING <td></td> </td></td>	<td>OUTLINE DRAWING <td></td> </td>	OUTLINE DRAWING <td></td>	
Part <td> <td>RTN40-K <td></td> </td></td>	<td>RTN40-K <td></td> </td>	RTN40-K <td></td>	
Part <td> <td>RTN40 END TRUCK TOP JOINT <td></td> </td></td>	<td>RTN40 END TRUCK TOP JOINT <td></td> </td>	RTN40 END TRUCK TOP JOINT <td></td>	
Scale <td>1:1</td> <td></td> <td>6/2013</td>	1:1		6/2013