



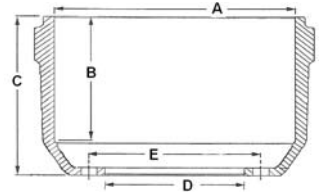
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Grove (Krupp), Liebherr, Demag and Tadano Cranes Brake Linings

WVA #	Lining Size			Rivets	
	Width in (mm)	Length in (mm)	Drum Diameter in (mm)	#	Size (mm)
19 113	7.09 (180)	7.01 (178)	16.14 (410)	10	8 x 18 or 8 x 20*
19 723	7.09 (180)	7.01 (178)	16.14 (410)	8	10 x 18
19 687	6.30 (160)	9.96 (253)	19.69 (500)	8	10 x 18
19 042	6.30 (160)	9.96 (253)	19.69 (500)	10	8 x 18 or 8 x 20*
19 690	7.09 (180)	9.96 (253)	19.69 (500)	8	10 x 18
19 041	7.09 (180)	9.96 (253)	19.69 (500)	14	8 x 18 or 8 x 20*
17 237	4.72 (120)	9.96 (253)	19.69 (500)	8	10 x 18
17 374	4.72 (120)	9.96 (253)	19.69 (500)	10	8 x 18 or 8 x 20*

* Rivet size is 8 x 18 for Knott brakes and 8 x 20 for Perrot/Wabco brakes



Drums

Casting Number	Description	Dimensions in (mm)					Bolt Holes
		A	B	C	D	E	
81.2898.1	500 x 120 Drum	19.68 (500.0)	5.71 (145.0)	9.06 (230.0)	11.81 (300.0)	13.19 (335.0)	10
81.4866.1	500 x 120 Drum	19.68 (500.0)	6.93 (176.0)	8.78 (223.0)	15.16 (385.0)	16.73 (425.0)	12
81.2978.1	500 x 180 Drum	19.68 (500.0)	7.28 (185.0)	10.35 (263.0)	11.81 (300.0)	13.19 (335.0)	10
81.2540.3	410 X 180 Drum	16.14 (410.0)	7.52 (191.0)	10.59 (269.0)	11.81 (300.0)	13.19 (335.0)	10
81.3010.1	410 x 180 Drum	16.14 (410.0)	7.32 (186.0)	9.49 (241.0)	11.81 (300.0)	13.19 (335.0)	10
81.4455.1	500 x 180/ 500 x 160 Drum	19.68 (500.0)	7.68 (195.0)	9.51 (241.5)	15.16 (385.0)	16.73 (425.0)	12
81.4524.1	500 x 180 Drum	19.68 (500.0)	7.17 (182.0)	9.76 (248.0)	15.16 (385.0)	16.73 (425.0)	12
71.3650.1	500 x 180 Drum	19.68 (500.0)	7.44 (189.0)	9.57 (243.0)	11.81 (300.0)	13.19 (335.0)	10