

BRAKE CHAMBERS



Type	Application
2024	20/24 Brake Chamber
2424	24/24 Brake Chamber
2430	24/30 Brake Chamber
3030	30/30 Brake Chamber
3636	36/36 Brake Chamber
2424	24/24 Brake Chamber Heavy Duty
2430	24/30 Brake Chamber Heavy Duty
3030	30/30 Brake Chamber Heavy Duty

Type	Description
12	Single Service Chamber Standard Push Rod c/w 1/2" Clevis Assy
16	
20	
24	
30	
36	

DISC BRAKE CHAMBERS

Type	Part No.	Application	Hand
14	0544430010	BPW 19.5	LH
14	0544430020	BPW 19.5	RH
16	0544432010	BPW 22.5	LH
16	0544432020	BPW 22.5	RH
1424	0544438010	BPW 19.5/22.5	LH
1424	0544438020	BPW 19.5/22.5	RH
1624	0544440010	BPW 19.5/22.5	LH
1624	0544440020	BPW 19.5/22.5	RH
2024	054444410	BPW 22.5	RH
2024	0544444020	BPW 22.5	LH
1624	MD1624SB1211	Meritor LE 195	RH
1624	MD1624SB1212	Meritor LE 195	LH
2024	MD2024	Meritor DX195	
24	1542896	Scania	
2430	1912986	Scania	
1416	1416GC/DISC	SAF	
14	14S/DISC	SAF	



Make sure the caging bolt is locked and in place.



TRT MADE POSSIBLE BRAKE CHAMBER SET UP

BRAKE CHAMBER SET UP



Force from the brake chambers is transmitted by the slack adjuster to the brake camshaft causing it to rotate. The S Cam forces the brake shoes apart, pressing them against the inside of the brake drum. When the brake is released, the brake camshaft rotates the S Cam back to its neutral position.

The brake shoes are returned to their initial position by tension springs. Braking efficiency is compromised if these components are not set up correctly.

Stroke Values Table

Chamber	Stroke	Recommended Chamber Stroke Range		Typical Set-Up Stroke Applied Brake
		Minimum	Maximum	
20	2 ¼"		-1 ½"	1 ¾"
24	2 ¼"	(Should be as short a stroke as possible without brake dragging.)	-1 ½"	1 ¾"
24LS**	2 ½"		-1 ¾"	1 ½"
30	2 ½"		-1 ¾"	1 ½"
36	3"		-2 ¼"	1 ¾"

TECH TIP

