



SPECIFICATIONS

Suspension: Features an independent suspension cushioned with rubber, providing a smooth, quiet ride with no transfer of road shock from one wheel to the other. (No springs required)

Bolt Pattern Options: • 4 on 4" • 5 on 4.5"

5 Bolt available with:

- 5 1/2" Hub Flange – For 8" - 12" Wheels
- 6 1/2" Hub Flange – For 12" - 15" Wheels

Brake Options: • Available as Idler only

Spindles: Standard BTR 1 1/16", L44649 Inner/Outer Bearings.

Lubrication: • Grease • E-Z Lube

Wheel Assemblies: See Section E

Replacement Parts:

Hub Parts: See Page B-12 and B-13

Brakes: Available as Idler only

Axle Beams: See Page B-2

#8 Torflex Axle Assemblies

Axle Type	4 on 4"	5 on 4 1/2"
Idler	8TF9-440I	8TF9-545I
Idler w/ E-Z Lube	8TF9-440I-EZ	8TF9-545I-EZ

#8 Torflex Mounting Kit & Axle Options

Part No.	Ref No.	Type
XTRA-HF-8TF	044825	EXTRA CHARGE (PER AXLE) FOR AXLES OVER 96" HUB FACE
AP165	046910	WELD ON MOUNTING KIT FOR #8 TORFLEX AXLES

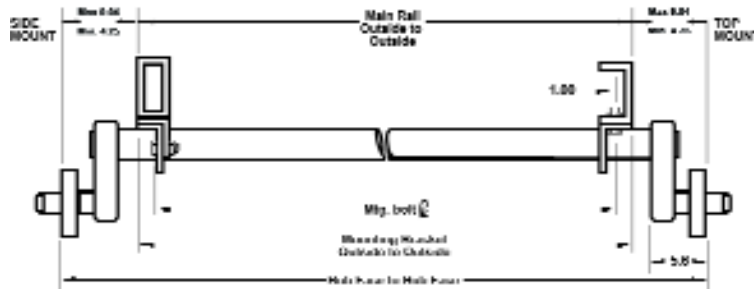
For information on ordering and installing Torflex axles, see pages A-25 thru A-27.
For specific ordering information, please call your nearest Branch.

#8 TORFLEX SPECIFICATIONS



AXLE
ASSEMBLIES

Mounting Details



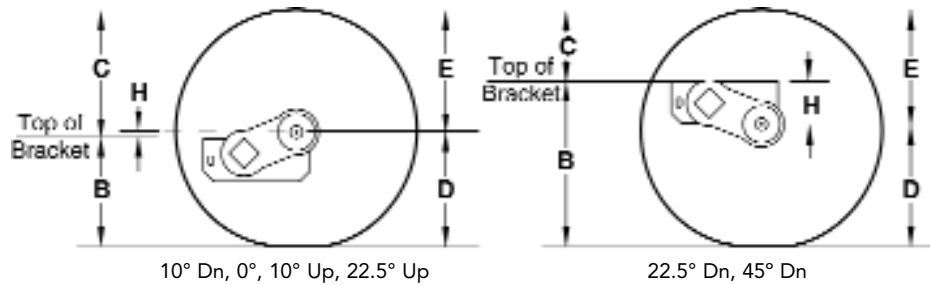
Difference between hubface and outside mounting brackets

- Minimum**
9.50" (4.25" per side)
- Maximum**
18.08" (9.04" per side)

Note: Minimums are based on manufacturing tolerances only. Some tire and wheel combinations may create interference.

8 Full Load Dimensions

Dimensions are for low profile, top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



H = Center Line of spindle to top of bracket, B = Top of bracket to ground, C = Top of bracket to top of tire, D = Center Line of spindle to ground, E = Center Line of spindle to top of tire.

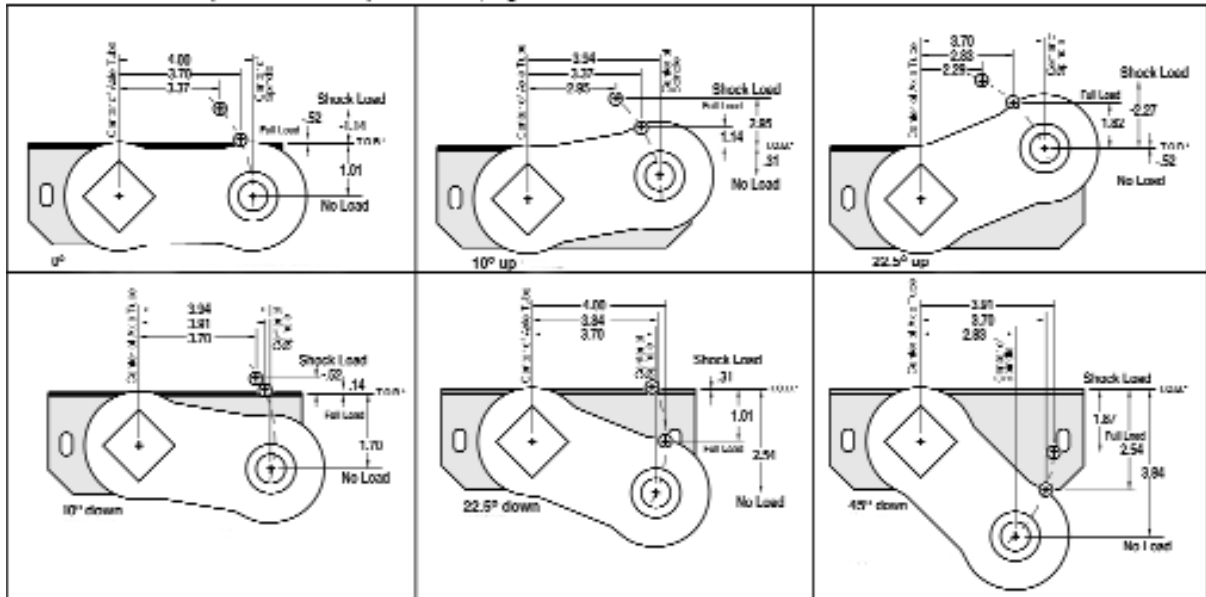
Start Angle

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	2.5	13.7	9.5	1.0	12.2	11.0	0.1	11.3	11.9	-0.5	10.7	12.5	-1.1	10.1	13.1	-1.8	9.4	13.8	11.2	12.0
4.80-8	2.5	10.4	6.3	1.0	8.9	7.8	0.1	8.0	8.7	-0.5	7.4	9.3	-1.1	6.8	9.9	-1.8	6.1	10.6	7.9	8.8
4.80-12	2.5	12.0	8.3	1.0	10.5	9.8	0.1	9.6	10.7	-0.5	9.0	11.3	-1.1	8.4	11.9	-1.8	7.7	12.6	9.5	10.8
20.5x8.0-10	2.5	12.2	8.3	1.0	10.7	9.8	0.1	9.8	10.7	-0.5	9.2	11.3	-1.1	8.6	11.9	-1.8	7.9	12.6	9.7	10.8

ARTICULATION DIMENSIONS

ALLOW 3" BUMP CLEARANCE FROM FULL LOAD.

Positive numbers indicate spindle is below the top of the bracket, negative numbers are above.



* TOP OF BRACKET



SPECIFICATIONS

Suspension: Features an independent suspension cushioned with rubber, providing a smooth, quiet ride with no transfer of road shock from one wheel to the other. (No springs required)

Spindles: Standard BTR 1 1/16", L44649 Inner/Outer Bearings.

Lubrication: • Grease • E-Z Lube

Wheel Assemblies: See Section E

Bolt Pattern Options: • 4 on 4" • 5 on 4.5"

5 Bolt available with:

- 5 1/2" Hub Flange – For 8" - 12" Wheels
- 6 1/2" Hub Flange – For 12" - 15" Wheels

Brake Options:

- 7" x 1 1/4" – Electric
- 7" x 1 3/4" – Hydraulic Uni-Servo

Replacement Parts:

Hubs: See Page B-12 and B-13

Hub/Drums: See Page B-18 and B-20

Brakes: See Page C-9 (Electric), Page C-25 (Hydraulic)

Axle Beams: See Page B-3

#9 Torflex Axle Assemblies

Axle Type	4 on 4"	5 on 4 1/2"
Idler	9TF20-440I	9TF20-545I
Idler w/ E-Z Lube	9TF20-440I-EZ	9TF20-545I-EZ
Electric	9TF20-440E	9TF20-545E
Electric w/ E-Z Lube	9TF20-440E-EZ	9TF20-545E-EZ
Single Servo Hydraulic	9TF20-440H	9TF20-545H
Hydraulic w/ E-Z Lube	9TF20-440H-EZ	9TF20-545H-EZ

#9 Torflex Mounting Kit & Axle Options

Part No.	Ref. No.	Type
XTRA-HF-9TF	046825	EXTRA CHARGE (PER AXLE) FOR AXLES OVER 96" HUB FACE
AP165	046910	WELD ON MOUNTING KIT FOR #9 TORFLEX AXLES

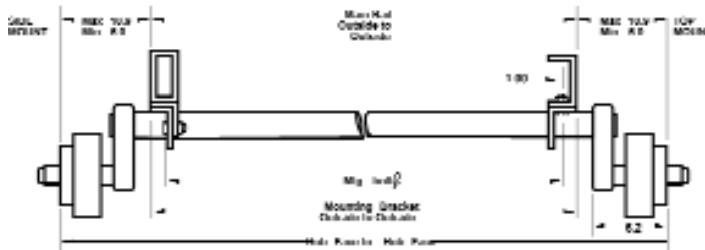
For information on ordering and installing Torflex axles, see pages A-25 thru A-27.
For specific ordering information, please call your nearest Branch.

#9 TORFLEX SPECIFICATIONS

MOUNTING DETAILS



AXLE
ASSEMBLIES



Difference between hub face and outside mounting brackets

Minimum
12.00" (6" per side)

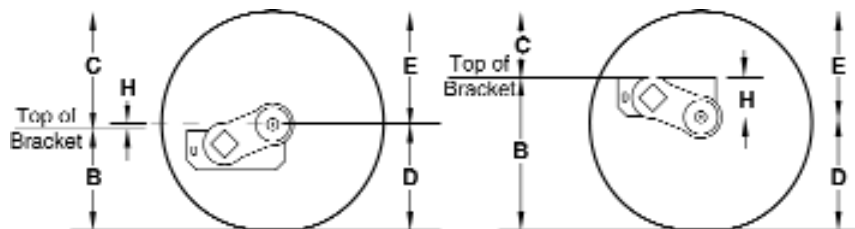
Maximum
21.80" (10.9" per side)

Note: Minimums are based on manufacturing tolerances only. Some tire and wheel combinations may create interference.



Full Load Dimensions

Dimensions are for low profile, top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



10° Dn, 0°, 10° Up, 22.5° Up

22.5° Dn, 45° Dn

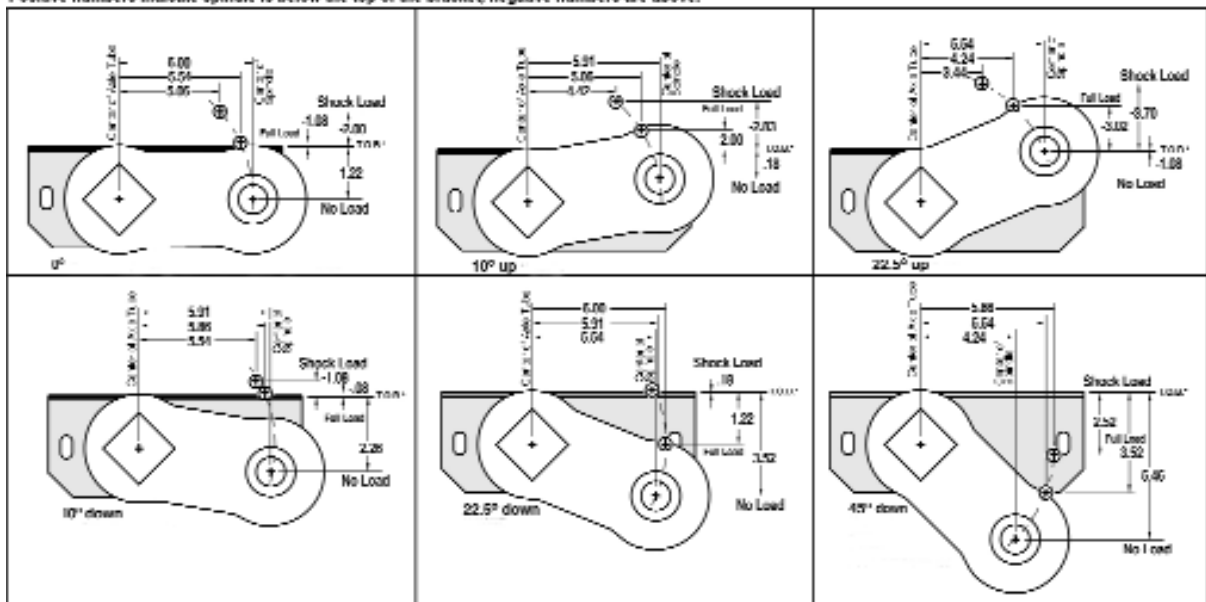
H = Center Line of spindle to top of bracket, **B** = Top of bracket to ground, **C** = Top of bracket to top of tire,
D = Center Line of spindle to ground, **E** = Center Line of spindle to top of tire.

Tire	Start Angle																			
	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	3.5	14.7	8.5	1.2	12.4	10.8	-0.1	11.1	12.1	-1.1	10.1	13.1	-2.0	9.2	14.0	-3.0	8.2	15.0	11.2	12.0
4.80-8	3.5	11.4	5.3	1.2	9.1	7.6	-0.1	7.8	8.9	-1.1	6.8	9.9	-2.0	5.9	10.8	-3.0	4.9	11.8	7.9	8.8
4.80-12	3.5	13.0	7.3	1.2	10.7	9.6	-0.1	9.4	10.9	-1.1	8.4	11.9	-2.0	7.5	12.8	-3.0	6.5	13.8	9.5	10.8
20.5x8.0-10	3.5	13.2	7.3	1.2	10.9	9.6	-0.1	9.6	10.9	-1.1	8.6	11.9	-2.0	7.7	12.8	-3.0	6.7	13.8	9.7	10.8

ARTICULATION DIMENSIONS

ALLOW 3" BUMP CLEARANCE FROM FULL LOAD.

Positive numbers indicate spindle is below the top of the bracket, negative numbers are above.



* TOP OF BRACKET



SPECIFICATIONS

Suspension: Features an independent suspension cushioned with rubber, providing a smooth, quiet ride with no transfer of road shock from one wheel to the other. (No springs required)

Spindles: TTH (#84 Spindle)
L68149 Inner, L44649 Outer Bearings

Lubrication: • Grease • E-Z Lube • Nev-R-Lube

Wheel Assemblies: See Section E

Bolt Pattern Options:

- 5 on 4 1/2" • 5 on 4 3/4" • 5 on 5"
- 5 on 5 1/2" • 6 on 5 1/2"

Brake Options: With or without parking feature.

- 10 x 2 1/4" Electric
- 10 x 2 1/4" Hydraulic (Uni-Servo & Freebacking)
- Hydraulic Disc: 5 on 4 1/2" only

Replacement Parts:

- Hubs:** See Page B-14
- Hub/Drums:** See Page B-21, B-33(Nev-R-Lube)
- Hub/Rotor:** See Page B-35
- Brakes:** See Page C-10 (Electric), Page C-26 (Hydraulic Drum), Page B-35 (Hydraulic Disc)
- Axle Beams:** See Page B-3

10 Torflex Axle Assemblies

Axle Type	5 on 4 1/2"	5 on 4 3/4"	5 on 5"	5 on 5 1/2"	6 on 5 1/2"
Idler	10TF35-545I	10TF35-5475I	10TF35-550I	10TF35-555I	10TF35-655I
Idler w/ E-Z Lube	10TF35-545I-EZ	10TF35-5475I-EZ	10TF35-550I-EZ	10TF35-555I-EZ	10TF35-655I-EZ
Electric	10TF35-545E	10TF35-5475E	10TF35-550E	10TF35-555E	10TF35-655E
Electric w/ E-Z Lube	10TF35-545E-EZ	10TF35-5475E-EZ	10TF35-550E-EZ	10TF35-555E-EZ	10TF35-655E-EZ
Electric w/ Nev-R-Lube	N/A	N/A	N/A	N/A	10TF35-655E-NL
Single Servo Hydraulic	10TF35-545H	10TF35-5475H	10TF35-550H	10TF35-555H	10TF35-655H
Single Servo Hydraulic w/ E-Z Lube	10TF35-545H-EZ	10TF35-5475H-EZ	10TF35-550H-EZ	10TF35-555H-EZ	10TF35-655H-EZ
Single Servo Hydraulic w/ Nev-R-Lube	N/A	N/A	N/A	N/A	10TF35-655H-NL
Hydraulic Freeback	10TF35-545HFB	10TF35-5475HFB	10TF35-550HFB	10TF35-555HFB	10TF35-655HFB
Hydraulic Freeback w/ E-Z Lube	10TF35-545HFB-EZ	10TF35-5475HFB-EZ	10TF35-550HFB-EZ	10TF35-555HFB-EZ	10TF35-655HFB-EZ
Hydraulic Freeback w/ Nev-R-Lube	N/A	N/A	N/A	N/A	10TF35-655HFB-NL
Hydraulic Disc	10TF35-545DS	N/A	N/A	N/A	N/A
Hydraulic Disc w/ E-Z Lube	10TF35-545DS-EZ	N/A	N/A	N/A	N/A

#10 Torflex Mounting Kit & Axle Option

Part No.	Ref. No.	Type
XTRA-HF-10TF	056225	EXTRA CHARGE (PER AXLE) FOR AXLES WITH OVER 96" HUB FACE
10TF-PWC	056230	EXTRA CHARGE FOR #10 TORFLEX ELECTRIC W/ PWC OPTION INSTALLED
AP166	056310	WELD ON MOUNTING BRACKET KIT FOR #10 TORFLEX AXLE

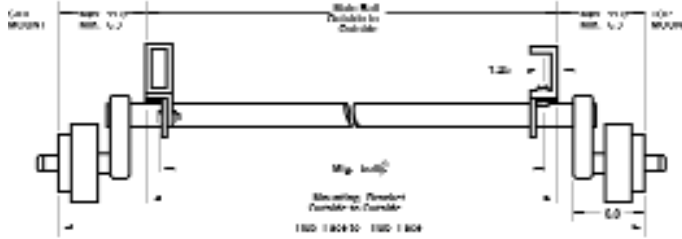
For information on ordering and installing Torflex axles, see pages A-25 thru A-27.
For specific ordering information, please call your nearest Branch.

#10 TORFLEX SPECIFICATIONS



AXLE
ASSEMBLIES

MOUNTING DETAILS



Difference between hubface and outside mounting bracket

Minimum

12.60" (6.3 per side)/Disc=13.00" (6.5" per side)

Maximum

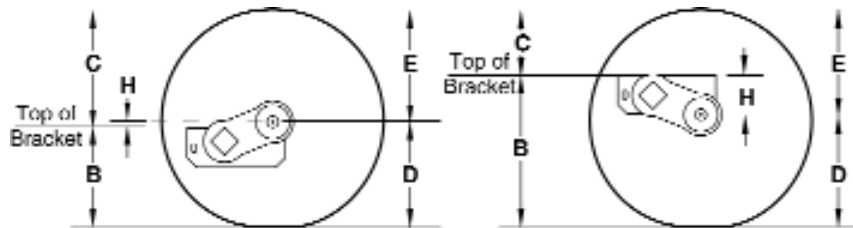
23.60" (11.8 per side)

Note: Minimums are based on manufacturing tolerances only. Some tire and wheel combinations may create interference.



Full Load Dimensions

Dimensions are for low profile, top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



10° Dn, 0°, 10° Up, 22.5° Up

22.5° Dn, 45° Dn

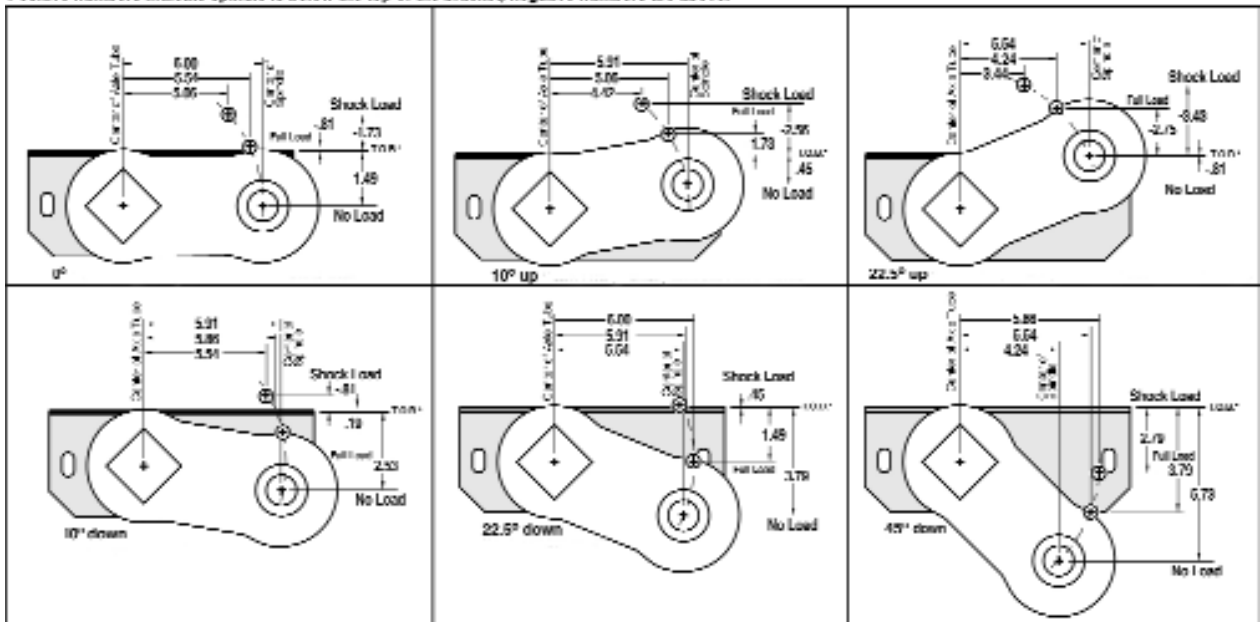
H = Center Line of spindle to top of bracket, B = Top of bracket to ground, C = Top of bracket to top of tire, D = Center Line of spindle to ground, E = Center Line of spindle to top of tire.

Tire	Start Angle																			
	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	3.8	15.0	8.2	1.5	12.7	10.5	0.2	11.4	11.8	-0.8	10.4	12.8	-1.7	9.5	13.7	-2.8	8.4	14.8	11.2	12.0
ST205/75R14	3.8	15.9	9.3	1.5	13.6	11.6	0.2	12.3	12.9	-0.8	11.3	13.9	-1.7	10.4	14.8	-2.8	9.3	15.9	12.1	13.1
ST225/75R15	3.8	16.8	10.6	1.5	14.5	12.9	0.2	13.2	14.2	-0.8	12.2	15.2	-1.7	11.3	16.1	-2.8	10.2	17.2	13.0	14.4

ARTICULATION DIMENSIONS

ALLOW 3" BUMP CLEARANCE FROM FULL LOAD.

Positive numbers indicate spindle is below the top of the bracket, negative numbers are above.



* TOP OF BRACKET