



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

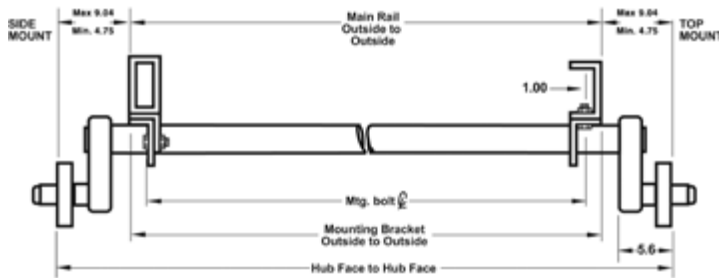
Part No.	Ref No.	Description
XTRA-HF-8TF	044825	EXTRA CHARGE (PER AXLE) FOR AXLES OVER 96" HUB FACE
AP165	046910	WELD ON MOUNTING KIT FOR #8 & #9 TORFLEX AXLES (STEEL)
AP180	046915	WELD ON MOUNTING KIT FOR #8 & #9 TORFLEX AXLES (ALUM)
ADD-8TF-TNG	044805	ADDON (PER STUD) 8TF W/ 1/2" TORQ-N-GO WHL NUTS
ADD-8TF-TNG-CAP	044806	ADDON (PER STUD) 8TF W/ 1/2" TORQ-N-GO CAP NUTS

For information on ordering and installing Torflex axles, see pages A-26 thru A-28.
For specific ordering information, please call your nearest Branch.

#8 TORFLEX SPECIFICATIONS



Mounting Details



Difference between hubface and outside mounting brackets

Minimum

9.50" (4.75" per side)

Maximum

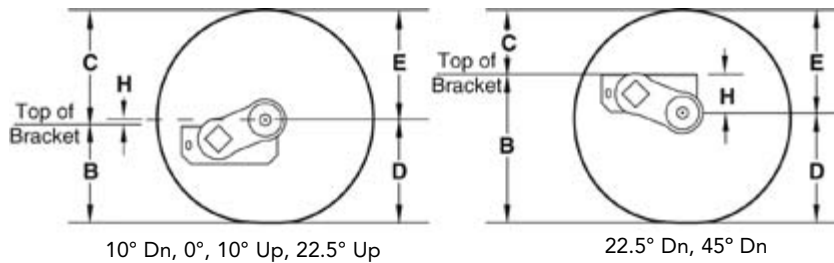
18.08" (9.04" per side)

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



Full Load Dimensions

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

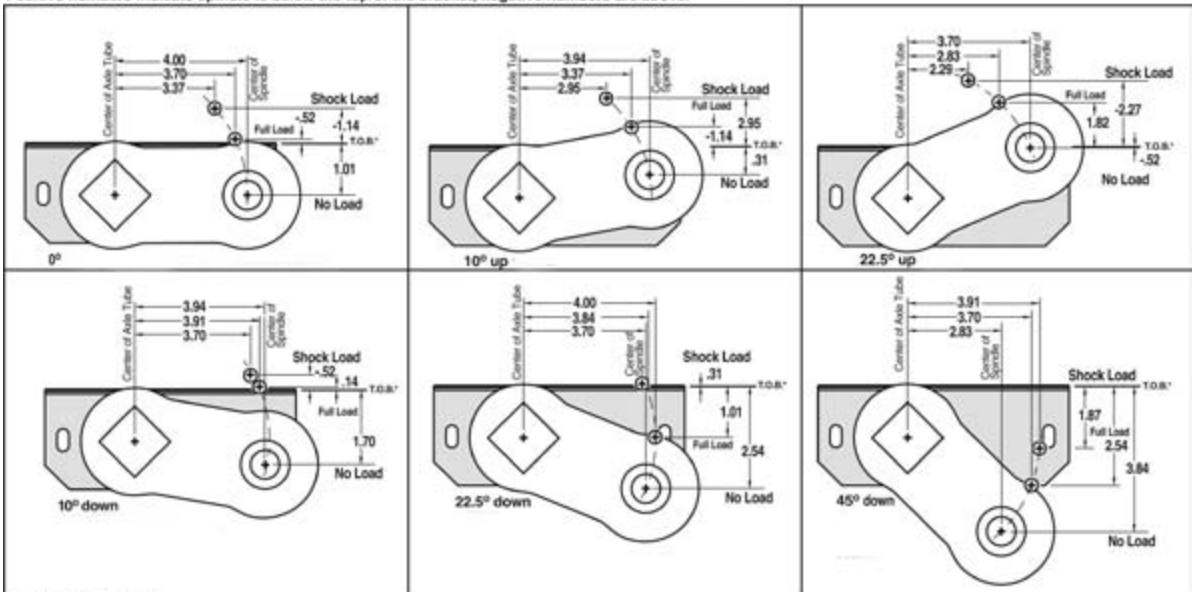


H = Center Line of spindle to top of bracket, **B** = Top of bracket to ground, **C** = Top of bracket to top of tire, **D** = Center Line of spindle to ground, **E** = Center Line of spindle to top of tire.

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	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

1,000 lb. - 2,200 lb.
#9 TORFLEX
 RUBBER TORSION SUSPENSION AXLES



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:

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

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

Lubrication: • Grease • E-Z Lube

Wheel Assemblies: See Section E

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

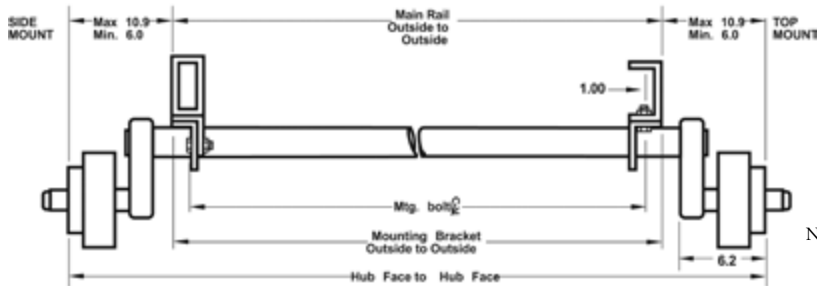
#9 Torflex Mounting Kit & Axle Options		
Part No.	Ref No.	Description
XTRA-HF-9TF	046825	EXTRA CHARGE (PER AXLE) FOR AXLES OVER 96" HUB FACE
AP165	046910	WELD ON MOUNTING KIT FOR #8 & #9 TORFLEX AXLES (STEEL)
AP180	046915	WELD ON MOUNTING KIT FOR #9 TORFLEX AXLES (ALUM)
ADD-9TF-TNG	046815	ADDON (PER STUD) 9TF W/ 1/2" TORQ-N-GO WHL NUTS
ADD-9TF-TNG-CAP	046820	ADDON (PER STUD) 9TF W/ 1/2" TORQ-N-GO CAP NUTS

For information on ordering and installing Torflex axles, see pages A-26 thru A-28.
 For specific ordering information, please call your nearest Branch.

#9 TORFLEX SPECIFICATIONS



MOUNTING DETAILS



Difference between hub face and outside mounting brackets

Minimum
12.00" (6" per side)

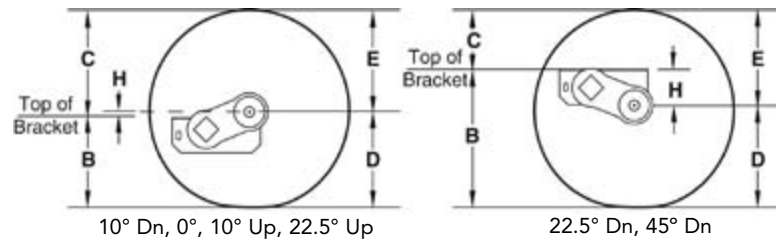
Maximum
21.80" (10.9" per side)

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.



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.

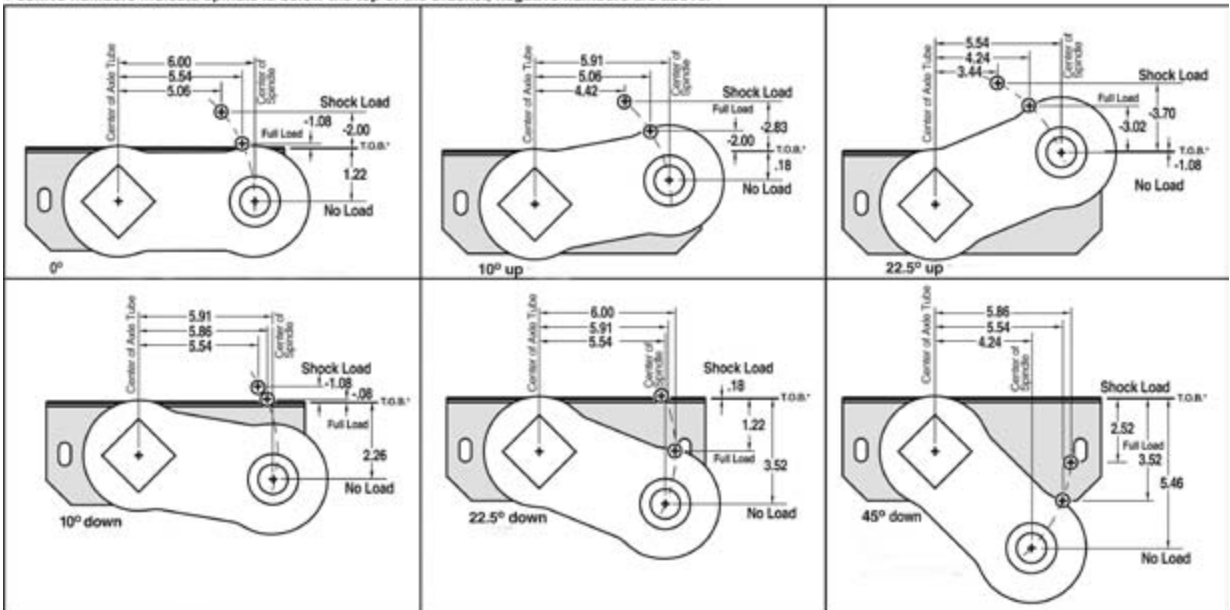
Start Angle

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	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)

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

Spindles: TTH (#84 Spindle)

L68149 Inner, L44649 Outer Bearings

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

Wheel Assemblies: See Section E

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	10TF35545HFB	10TF355475HFB	10TF35550HFB	10TF35555HFB	10TF35655HFB
Hydraulic Freeback w/ E-Z Lube	10TF35545HFBEZ	10TF355475HFBEZ	10TF35550HFBEZ	10TF35555HFBEZ	10TF35655HFBEZ
Hydraulic Freeback w/ Nev-R-Lube	N/A	N/A	N/A	N/A	10TF35655HFBNL
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 Options

Part No.	Ref No.	Description
XTRA-HF-10TF	056225	EXTRA CHARGE (PER AXLE) FOR AXLES OVER 96" HUB FACE
10TF-PWC	056230	EXTRA CHARGE FOR #10 TORFLEX ELECTRIC W/ PWC OPTION INSTALLED
AP166	056310	WELD ON MOUNTING KIT FOR #10 TORFLEX AXLES (STEEL)
AP181	056315	WELD ON MOUNTING KIT FOR #10 TORFLEX AXLES (ALUM)
ADD-10TF-TNG	056226	ADDON (PER STUD) 10TF W/ 1/2" TORQ-N-GO WHL NUTS
ADD-10TF-TNG-CAP	056227	ADDON (PER STUD) 10TF W/ 1/2" TORQ-N-GO CAP NUTS

For information on ordering and installing Torflex axles, see pages A-26 thru A-28.

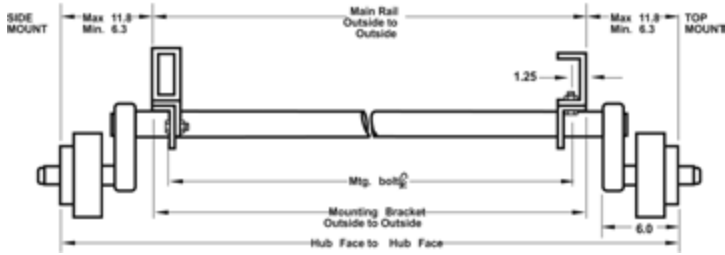
For specific ordering information, please call your nearest Branch.

#10 TORFLEX SPECIFICATIONS



AXLE
ASSEMBLIES

MOUNTING DETAILS



Difference between hubface and outside mounting bracket

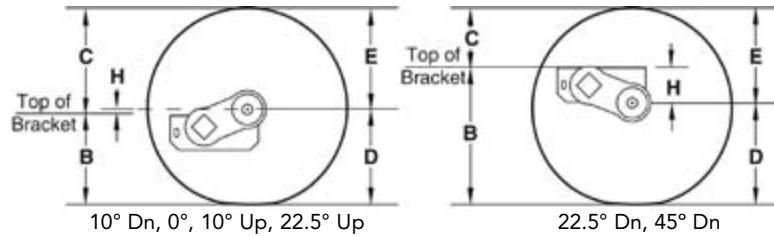
Minimum
12.60" (6.3 per side)/Disc=13.12" (6.56" per side)
Maximum
23.60" (11.8 per side)

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.



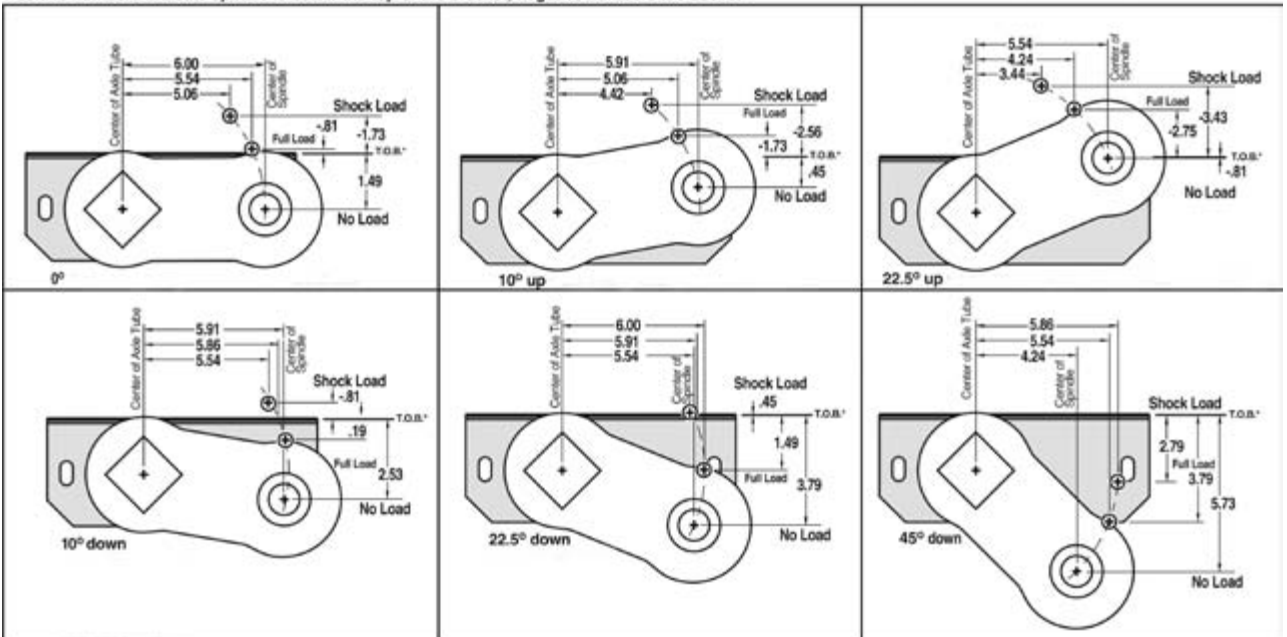
H = Center Line of spindle to top of bracket, **B** = Top of bracket to ground, **C** = Top of bracket to top of tire, **D** = Center Line of spindle to ground, **E** = Center Line of spindle to top of tire.

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