

Torsion Trip Edge

For questions or to place an order, contact HAWKEYE TRUCK EQUIPMENT at 515-289-1755 or 1-800-622-8223.



C-Style (6) Non-Adjustable 3/4" Square Torsion Spring Assemblies for a Bolt-On Trip Edge Assembly

Moldboard Thickness:	10 Gauge
No. of 1/2" Vertical Ribs:	6
Moldboard Reinforcing:	1 piece, 1/2" Flame Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	0°, 5° & 10°
Semi-Circle:	3 1/2" x 3 1/2" x 1/2" A36 Hot Rolled Angle
Bottom Moldboard Angle:	3/4" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (left & right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1 1/4" Stopped
Cylinder Pins:	1 1/4"
Lift System:	Built-In Level Lift

Q) I have a lot of manhole covers and curbing in my city. Would the C-Style Torsion Trip Edge Plow be good choice?

A) This plow is typically used in metropolitan areas on paved roads. This sectional trip allows you to pass over an immovable object without losing the snow load. Only the section hitting the immovable object will trip which would make it ideal in a city application. On the downside, if all sections trip at the same time the plow will jump when it resets to the plow position.

Plow Model No.	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)
MP39R10-TT	10'	39"	1900
MP39R10-ISTT	10'	39"	1950
MP44R10-TT	10'	44"	2020
MP44R10-ISTT	10'	44"	2080
MP39R11-TT	11'	39"	2000
MP39R11-ISTT	11'	39"	2080
MP44R11-TT	11'	44"	2100
MP44R11-ISTT	11'	44"	2160
MP51R11-TT	11'	51"	2195
MP51R11-ISTT	11'	51"	2255
MP39R12-TT	12'	39"	2060
MP39R12-ISTT	12'	39"	2110
MP44R12-TT	12'	44"	2180
MP44R12-ISTT	12'	44"	2240
MP51R12-TT	12'	51"	2310
MP51R12-ISTT	12'	51"	2400

J-Style Torsion Trip Edge

Moldboard Thickness:	3/8" Polymer
No. of 1/2" Vertical Ribs:	10
Moldboard Reinforcing:	1 piece, 1/2" Flame Cut Ribs
Moldboard Top Angle:	2" x 3" x 3/8"
Adjustable Moldboard Pitch Settings:	0°, 5°, 10° & 15°
Semi-Circle:	3 1/2" x 3 1/2" x 1/2" A36 Hot Rolled Angle
Bottom Moldboard Angle:	3/4" x 4" x 4"
Reversing Cylinders:	(2) 3" x 10" Double Acting
Reversing Limits (left & right):	35°
Plow to Table Hinge Points:	4
Cutting Edge:	5/8" x 8" Top Punched
Pivot Pin:	1 1/4" Stopped
Cylinder Pins:	1 1/4"
Lift System:	Built-In Level Lift



J-Style (6) Adjustable 3/4" Square Torsion Trip Spring Assemblies for a 1 Section Trip, 1-Piece Cutting Edge also features 4" x 4" x 3/8" Cross-Tube Support

Plow Model No.	Overall Length	Height w/ 5/8" x 8" Cutting Edge	Approx. Weight (lbs)	Moldboard
MPPJ39R10-ISTT	10'	39"	1860	Poly
MPJ39R10-ISTT	10'	39"	2460	Steel
MPPJ45R10-ISTT	10'	45"	1880	Poly
MPJ45R10-ISTT	10'	45"	2700	Steel
MPPJ39R11-ISTT	11'	39"	1925	Poly
MPJ39R11-ISTT	11'	39"	2550	Steel
MPPJ45R11-ISTT	11'	45"	1940	Poly
MPJ45R11-ISTT	11'	45"	2790	Steel
MPPJ39R12-ISTT	12'	39"	2140	Poly
MPJ39R12-ISTT	12'	39"	2640	Steel
MPPJ45R12-ISTT	12'	45"	1940	Poly
MPJ45R12-ISTT	12'	45"	2880	Steel

Q) How does the J-Style torsion trip edge plow compare to the C-Style torsion trip edge plow?

A) This plow is also typically used in metropolitan areas on paved roads. However, because the snow is discharged rapidly to the ground rather than casting it away, it helps prevent damage from thrown snow and avoids covering sidewalks and driveways. The bottom edge trips when hitting an immovable object and may tend to jump when it resets to the plowing position. Shoes are recommended. Spring tension is adjustable on the J-style plow whereas it is not adjustable on the C-style torsion trip edge.

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