



NORWEST

MANUFACTURING

71 SOUTH 215 WEST-RUPERT, ID- PHONE: (208) 436-1770 - FAX: (208) 436-1776

SECTION 30 BLANKET & BAR HARROWS



BAR HARROWS



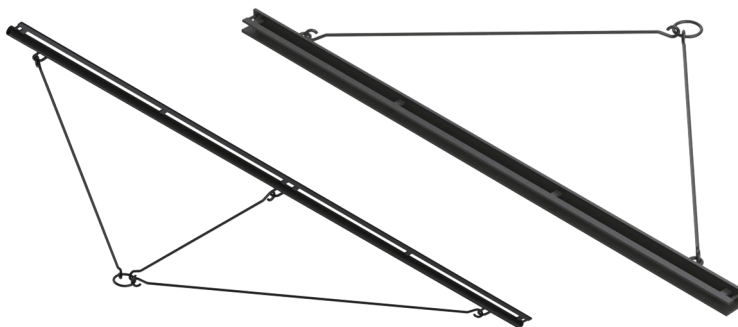
HEAVY DUTY DRAW BARS FOR
BAR HARROWS



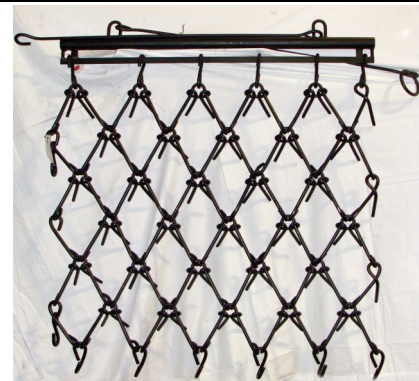
HARROW SPIKES



ATTACHMENTS &
REPLACEMENT PARTS

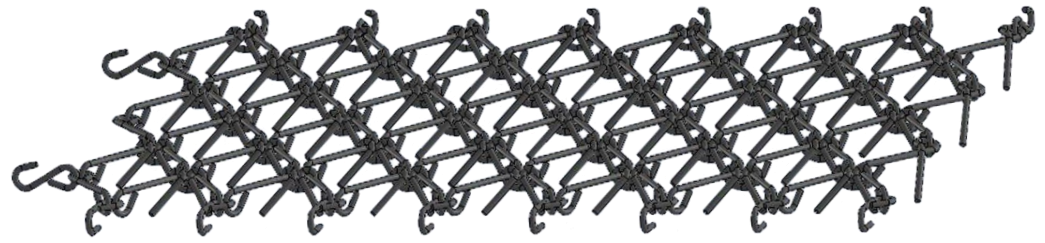


STANDARD & HEAVY DUTY DRAW BARS FOR
BLANKET HARROWS



BLANKET HARROWS

Blanket Harrows

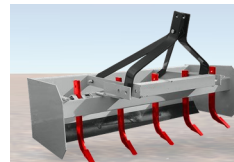


Blanket Harrow Applications: Pasture Renovation, Seed Bed Preparation, Landscape Preparation, Chemical Incorporation, Ball Park Maintenance, Snow Grooming for Ski Slopes, Race Track Maintenance & Dairy Lot Softening.

NORWEST PART NUMBER	DESCRIPTION	WEIGHT (LBS.)
1/2" HARROW TEETH		
153000	6' W x 4' D	97 Lbs.
153051	6' W x 5' D	127 Lbs.
153052	6' W x 6' D	157 Lbs.
153053	8' W x 4' D	137 Lbs.
153054	7' W x 4' D	146 Lbs.
153055	8' W x 5' D	145 Lbs.
153068	5' W x 4' D	85 Lbs.
153084	4' W x 4' D	75 Lbs.
5/8" HARROW TEETH		
<i>Compared to 1/2" Blanket Harrows, the 5/8" Harrows are over 42% Heavier. Our 5/8" Harrows boast longer tooth and hinge joint life and can be pulled up to 6 MPH without skipping or jumping.</i>		
153074	7' W x 4' D	162 Lbs.
153080	5' W x 7' D	N/A
153085	4' W x 4' D	82 Lbs.
153090	4' W x 8' D	150 Lbs.
153091	5' W x 6' D	138 Lbs.
153092	12' W x 4' D	272 Lbs.
153093	6' W x 5' D	181 Lbs.
153094	6' W x 4' D	138 Lbs.
153095	5' W x 4' D	121 Lbs.
153096	6' W x 6' D	224 Lbs.
153097	8' W x 4' D	195 Lbs.
153098	6' W x 8' D	194 Lbs.
153100	8' W x 8' D	N/A
153110	10' W x 6' D	N/A
153194	8' W x 6' D	276 Lbs.
153195	12' W x 8' D	500 Lbs.
153196	12' W x 6' D	447 Lbs.
153197	10' W x 4' D	241 Lbs.
153198	7' W x 8' D	N/A
153199	10' W x 8' D	485 Lbs.

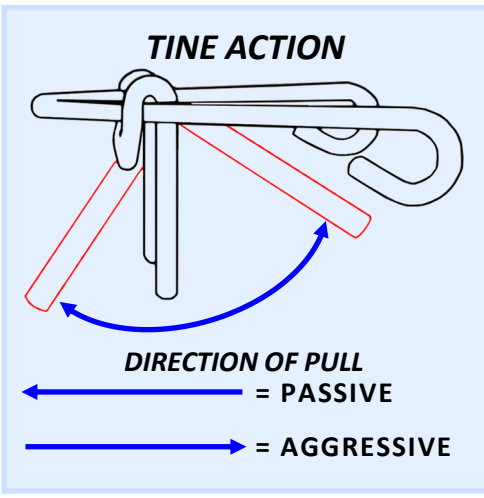
**DOUBLE TEETH ARE 1/2" or 5/8" HIGH CARBON STEEL.
CONNECTORS ARE 1/2" MATERIAL.**

BLANKET HARROW PARTS		
NORWEST PART	NORWEST PART NUMBER	DESCRIPTION
Double Teeth - 1/2" or 5/8"		
	Y-153003	Heat treated double end tooth for 1/2" Blanket Harrows
	Y-153003H	Heat treated double end tooth for 5/8" Blanket Harrows
Connectors - 1/2"		
	Y-153004	Side Hook for All Norwest Blanket Harrows
	Y-153005	Single Tooth for All Norwest Blanket Harrows
	Y-153007	Front Hook for All Norwest Blanket Harrows
	Y-153012	Rear Hook / Side for All Norwest Blanket Harrows
	Y-153078	Formed Yoke for All Norwest Blanket Harrows



Doing Arena Maintenance?

See: **Ripper Points - 600-15** for Box Scraper Shanks and Points!



Variable Action

For EVERY Application!

Aggressive: Tines are pointed straight down for maximum penetration. Breaks up the big clods and brings them to the surface.



← Direction of Pull

Light Action: Tines are angled backward to break up clods on the surface.

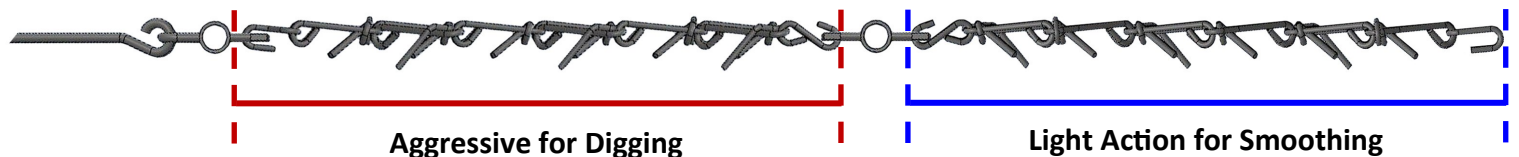


← Direction of Pull

Smoothing: Tines are pointed upward for use as a drag mat.



← Direction of Pull



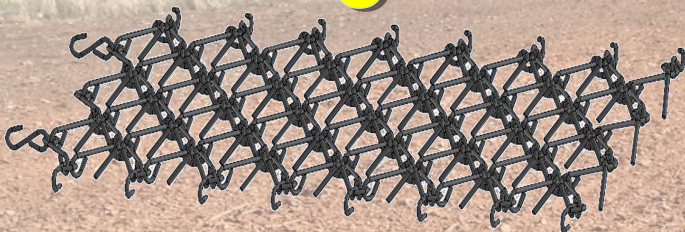
← Direction of Pull

↑ Ganged Harrows ↑

Requires (2) harrow sections to combine modes

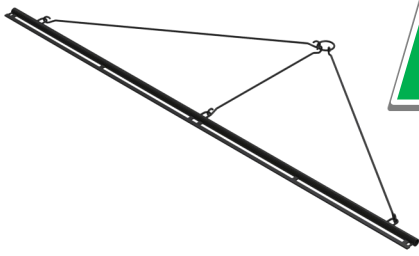
The **First** (closest to the towing vehicle) harrow is pulled in the “**Aggressive**” mode with tines pointing straight down.
 The **Second** harrow is pulled in the “**Light Action**” mode with tines pointing backward for combined digging and smoothing in a single pass.

Looking for Something Custom?



Call Today to Discuss Custom Options!

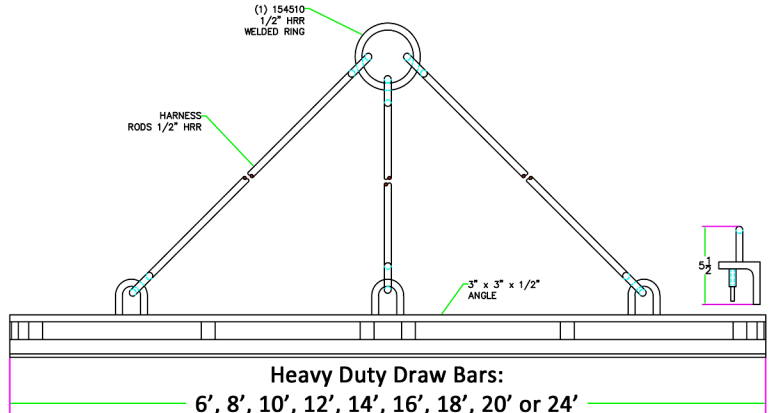
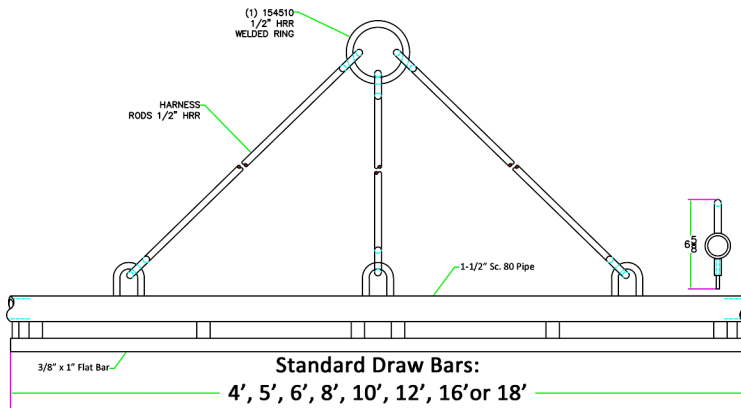
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Draw Bars for Blanket Harrows

NORWEST PART NUMBER	DESCRIPTION	WEIGHT (LBS.)
STANDARD DRAW BARS		
<i>Standard draw bars are fabricated from 1-1/2" Extra heavy pipe. Eyelets provide ease in harrow attachment. Draw bars keep harrows evenly spread and flat for best field results. Harrows can be towed in any mode with our Standard Draw Bar.</i>		
153099	4'	26 Lbs.
153070	5'	31 Lbs.
153062	6'	36 Lbs.
153058	8'	50 Lbs.
153075	10'	60 Lbs.
153015	12'	70 Lbs.
153048	16'	94 Lbs.
153030	18'	107 Lbs.
HEAVY DUTY DRAW BARS		
<i>Heavy Duty draw bars are fabricated from tough 3" x 3" x 1/2" angle iron. New Design allows for quick and easy harrow attachment. Our Heavy Duty draw bars are 65% heavier than the standard draw bar for better leveling action and longer life.</i>		
153206	6' HD	62 Lbs.
153208	8' HD	81 Lbs.
153210	10' HD	99 Lbs.
153212	12' HD	118 Lbs.
153214	14' HD	137 Lbs.
153216	16' HD	156 Lbs.
153218	18' HD	175 Lbs.
153220	20' HD	219 Lbs.
153224	24' HD	250 Lbs.

DRAW BAR PARTS & ATTACHMENTS		
NORWEST PART	NORWEST PART NUMBER	DESCRIPTION
	154510	1/2" Welded Ring for Norwest Draw Bars
	153041	Norwest Adaptor to make 24' draw bar (Standard Draw Bars Only)
	153042	Bar connector used for 24' draw bar adaptor (Standard Draw Bars Only)



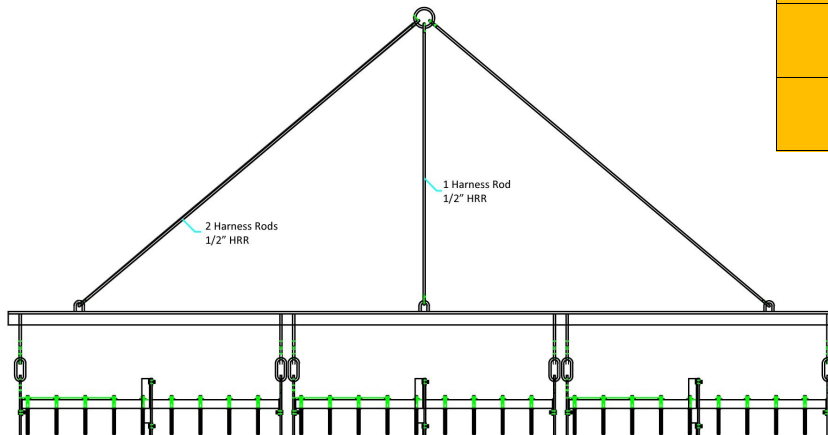
— 5 BAR — SPIKE HARROWS



NORWEST PART NUMBER	DESCRIPTION	WEIGHT (LBS.)
5 Bar Spike Harrow Sections		
153095SH	5' W x 54-3/4" L	156 Lbs.
153096SH	6' W x 54-3/4" L	178 Lbs.
153097SH	7' W x 54-3/4" L	200 Lbs.

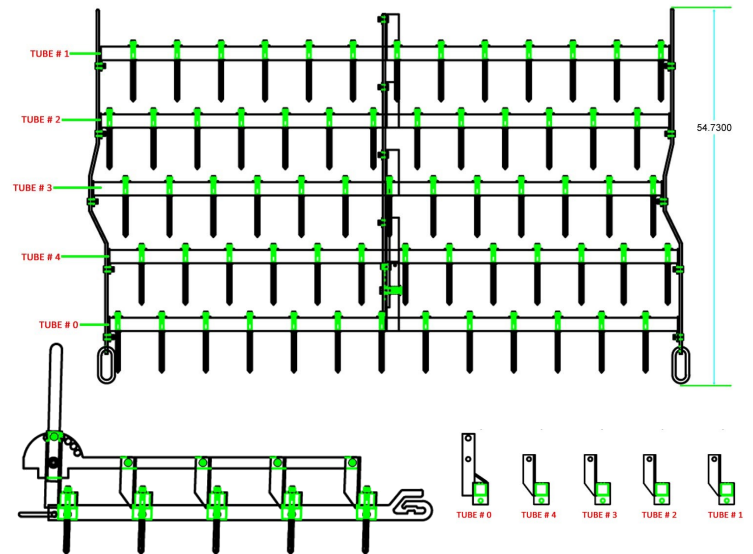
SPIKE HARROW PARTS

NORWEST PART	NORWEST PART NUMBER	DESCRIPTION
For All Norwest Spike Harrows		
	Y-153095AB	Middle Adjusting Rail
	Y-153095HANDLE	Adjusting Handle
	Y-153095LSR	Left Side Rail
	Y-153095RSR	Right Side Rail
	153-PIN	Clevis Pin for Square Harrow Bars
	153-SPRING	Spring for Harrow Adjustment Handle
	RP25-1.125	1/4" x 1-1/8" Roll Pin
	PHT5878-NOR	5/8" x 7/8" x 9" Harrow Spike
	Y-153SHRR	Connector bolt for Multiple Harrow Assembly's

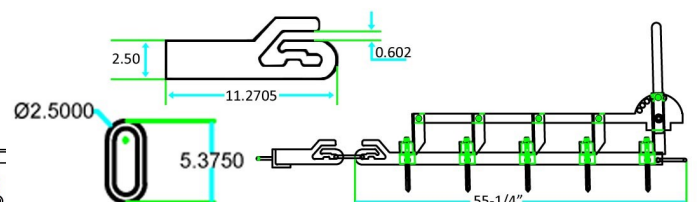


SPIKE HARROW TUBES

HARROW BAR PART NUMBER	5' HARROWS	6' HARROWS	7' HARROWS
Tube # 1	Y-153095/1/	Y-153096/1/	Y-153097/1/
Tube # 2	Y-153095/2/	Y-153096/2/	Y-153097/2/
Tube # 3	Y-153095/3/	Y-153096/3/	Y-153097/3/
Tube # 4	Y-153095/4/	Y-153096/4/	Y-153097/4/
Tube # 0	Y-153095/0/	Y-153096/0/	Y-153097/0/



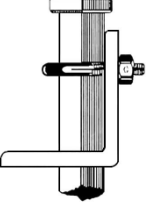
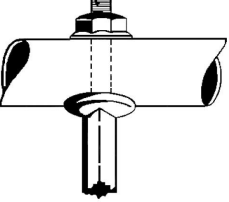
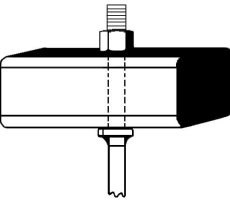
NORWEST PART NUMBER	DESCRIPTION	WEIGHT (LBS.)
Heavy Duty Draw Bar Assembly's		
153210SH	10'	95 Lbs.
153215SH	15'	143 Lbs
153220SH	20'	191 Lbs.



HARROW SPIKES



Fig. 1

 CLAMP ATTACHMENT		 PIPE ATTACHMENT		 SQUARE BAR ATTACHMENT	
PART STYLE	PART NUMBER	DESCRIPTION (A)	LENGTH (B)	THREAD SIZE (C) STUD LENGTH (D)	ATTACHMENT METHOD
①	PHT5878-1	5/8" x 7/8" DIAMOND with THREAD	8"	7/16" x 2-3/8"	PIPE 1-1/4" DIAMETER
①	PHT5878-11	5/8" x 7/8" DIAMOND with THREAD	8-1/2"	7/16" x 2-3/8"	PIPE 1-1/4" DIAMETER
①	PHT5878-21	5/8" x 7/8" DIAMOND with THREAD	8-1/2"	1/2" x 2-3/8"	PIPE 1-1/4" DIAMETER
①	PHT5878-NOR	5/8" x 7/8" DIAMOND with THREAD	9"	1/2" x 3"	SQUARE BAR for NORWEST SPIKE HARROWS
②	PH5878-8	5/8" x 7/8" DIAMOND with HEAD	8"	NONE	CLAMPED/WELDED
③	PH5878-8N	5/8" x 7/8" DIAMOND NO HEAD	8"	NONE	CLAMPED/WELDED
④	PH3411	3/4" SQUARE with HEAD	11"	NONE	CLAMPED
④	PH3412	3/4" SQUARE with HEAD	12"	NONE	CLAMPED
④	PH3414	3/4" SQUARE with HEAD	14"	NONE	CLAMPED
④	PH5810	5/8" SQUARE with HEAD	10"	NONE	CLAMPED
④	PH5812	5/8" SQUARE with HEAD	12"	NONE	CLAMPED
④	PH5814	5/8" SQUARE with HEAD	14"	NONE	CLAMPED
⑥	PHT1212-8	1/2" x 1/2" SQUARE with THREAD	8"	1/2" x 2-1/2"	SQUARE BAR
⑥	PHT1212-9	1/2" x 1/2" SQUARE with THREAD	9"	1/2" x 3-3/8"	SQUARE BAR

Use Fig. 1 (above) to determine harrow spike style.

Use Fig. 2 (Page 30-7: Top Left) to determine correct dimensions of the spike.

Some items not stocked. Call Norwest for pricing and availability.

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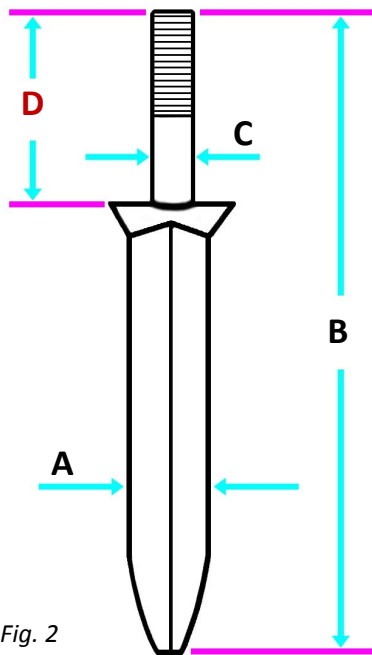


Fig. 2

V-BOLT FASTENER FOR HARROW SPIKES		
PART	NORWEST PART NUMBER	DESCRIPTION
	VB01000	V-BOLT FOR HARROW SPIKES <i>LESS NUTS</i> (A) 1-1/2" Bolt Centers (B) 2" Height (<i>Inside Meas.</i>) (C) 3/8" Bolt Size
	FHN38	3/8" HEX NUT <i>(not included w/ V-Bolt. Sold Separately)</i>

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