



NORWEST

MANUFACTURING

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

SECTION 40 ROLLED EYE FLAILS & FLAIL KNIVES



CENTER HANG FLAILS



STRAIGHT HANG FLAILS



TWISTED FLAILS



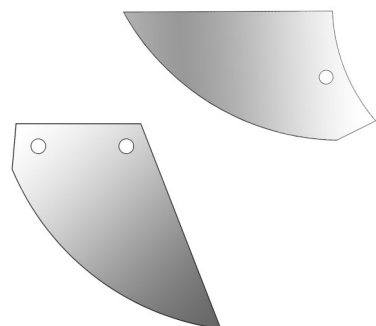
COMPOST FLAILS



ONION KNIVES &
ONION TILLER BLADES



PASTURE GROOVING
BLADES



FEED WAGON
REPLACEMENT BLADES

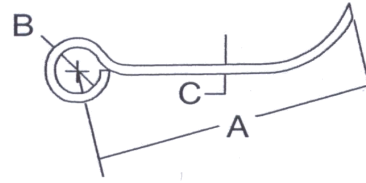


FLAIL & CUP KNIVES



KNIFE MOUNTING
HARDWARE

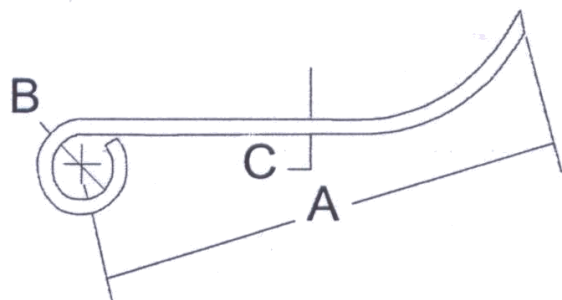
CENTER HANG STEEL FLAIL



PART #	LENGTH (A)	EYE (B)	MATERIAL (C)	WEIGHT (LBS.)	OEM & PART # (REF. ONLY)
195703 (250 Pc. Min)	5-1/2"	1-1/32"	7/16"	2.16	VERMEER #510528682
195755 (250 Pc. Min)	5-1/2"	1.03"	7/16"	2.98	
195755.500 (250 Pc. Min)	5-1/2"	1.03"	1/2"	3.12	
195179 (obsolete)	5-3/4"	1-1/4"	1/4"	1.36	PARMA 990602
195130 (obsolete)	6"	1-1/4"	1/4"	1.45	AGRI FAB
195704 (250 Pc. Min)	6-1/4"	1-5/16"	7/16"	2.50	RENN MILL #2006-002
195194*	6"	1-1/4"	5/16"	1.83	
195135	6"	1-5/16"	5/16"	1.85	LOFTNESS
195394	6-1/2"	1-1/4"	5/16"	1.9	FALCAN
195800 (250 Pc. Min)	6-9/16"	1-1/4"	5/8"	3.64	Tapered Flail # BS2000060A-2
1958001 (250 Pc. Min)	6-9/16"	1-1/4"	5/8"	3.64	# BS200060A
195061 (obsolete)	7"	1-1/4"	1/4"	1.58	ALLOWAY
195207*	7"	1-1/4"	5/16"	2.08	ALLOWAY
195068*	8"	1-1/4"	1/4"	1.7	PARMA 990603 OR HAYBUSTER BEETEC
195070*	8"	1-1/4"	5/16"	2.19	HAYBUSTER 52-09
195075	8"	3/4"	5/16"	2.11	
195100 (obsolete)	8"	1"	5/16"	2.16	
195412*	8"	1-1/4"	7/16"	2.96	HAYBUSTER
195060*	8"	1-5/16"	5/16"	2.24	HESSTON 7751472 or LOFTNESS or AGCO
1958002 (250 Pc. Min)	8"	1-1/4"	5/8"	4.27	
195370 (obsolete)	9"	1-1/4"	5/16"	2.35	HAYBUSTER
195171 (obsolete)	10"	1-1/4"	1/4"	2.02	
195419	10"	1-1/4"	5/16"	2.5	
195161	10"	1-5/16"	5/16"	2.55	LOFTNESS
195181 (obsolete)	11"	1-1/4"	1/4"	2.09	PARMA 990604
195162*	11"	1-1/4"	5/16"	2.73	PARMA
195700	6.563	1-1/4"	5/16"	2.85	TUBELINE
* INDICATES THE FLAILS THAT ARE USUALLY IN STOCK					

Most Flails can be ordered with the following suffixes: **H** = Hard Faced • **D** = Tuff Koat

STRAIGHT HANG STEEL FLAIL



195191

PART #	LENGTH (A)	EYE (B)	MATERIAL (C)	WEIGHT (LBS.)	OEM & PART # (REF. ONLY)
195373*	5"	1"	5/16"	1.55	UNITED PB5430
195702 (250 Pc. Min)	5-1/2"	1.03"	7/16"	2.21	VERMEER #510517232 (Rev. Eye)
195702.500 (250 Pc. Min)	5-1/2"	1.03"	1/2"	3.12	VERMEER #510517232 (Rev. Eye)
195001 (250 Pc. Min)	5-3/4"	1-5/16"	1/2"	3.35	RENN MILL/JIFFY
195063	6"	1-1/4"	5/16"	1.82	
195300	6"	1-5/16"	5/16"	1.85	ACE BT-GSO195300
195765 (250 Pc. Min)	6-1/2"	1-1/32"	7/16"	2.55	VERMEER #E5377H (Rev. Eye)
195048*	6-1/2"	1"	5/16"	1.68	UNITED PB5241
195418 (obsolete)	7"	1-1/4"	1/4"	1.53	ALLOWAY
195393	7"	1-5/16"	1/4"	1.61	
195382 (obsolete)	6"	1"	5/16"	1.75	
195143 (obsolete)	8"	13/16"	1/4"	1.58	UNITED PB1504 or ARTSWAY 392007
195191*	8"	13/16"	5/16"	1.9	ARTSWAY 392028
195371*	8"	1"	5/16"	2.12	UNITED PB2005
195392*	8"	1-1/16"	5/16"	2.13	ARTSWAY 411150
195304	8"	1-1/4"	5/16"	2.25	
195301	8"	1-5/16"	5/16"	2.25	ACE BT-GSO195301
195411 (obsolete)	8-1/2"	1-1/4"	1/4"	1.84	ALLOWAY 50530974
195036*	9-1/2"	1"	5/16"	2.45	UNITED PB5242
195177 (obsolete)	10"	1-1/4"	1/4"	2.1	
195196 (obsolete)	10"	1-5/16"	1/4"	2.04	
195003 (250 Pc. Min)	11"	1"	5/16"	2.76	HILBY/NEWHOUSE
195303 (obsolete)	11"	1-1/4"	5/16"	2.84	ACE BT-GSO195303
195302	11"	1-5/16"	5/16"	2.85	ACE BT-GSO195302
* INDICATES THE FLAILS THAT ARE USUALLY IN STOCK					

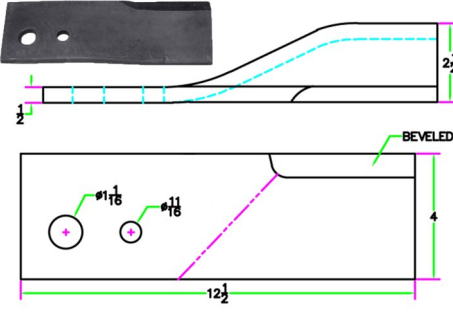
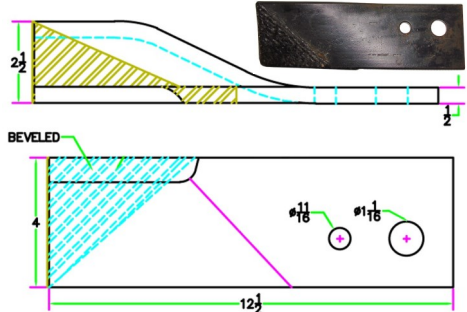
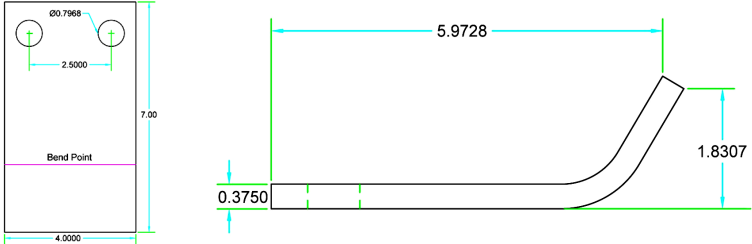
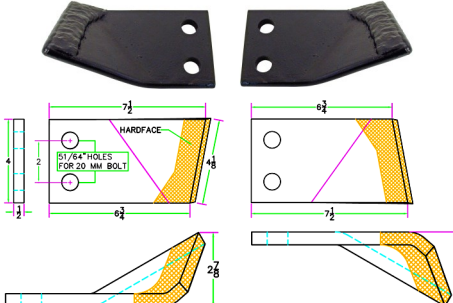
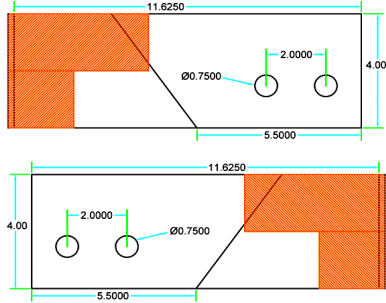
Most Flails can be ordered with the following suffixes: **H** = Hard Faced • **D** = Tuff Koat

TWISTED FLAILS

195200		195406		195409	
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PART #	LENGTH (A)	EYE (B)	MATERIAL (C)	WEIGHT (LBS.)	OEM & PART # (REF. ONLY)
195002 (250 Pc. Min)	5.758"	1-1/4"	1/2"	2.20	
195407 <i>Offset Twisted</i> <i>(obsolete)</i>	6-13/16"	1-5/16"	1/4"	1.51	
195406	7"	1"	1/4"	1.38	DOUBLE L
195200*	10"	1-1/16"	1/4"	2.01	LOCKWOOD
195405	10-1/2"	1"	1/4"	2.15	DOUBLE L
195409 <i>Offset Twisted</i> <i>(obsolete)</i>	8-7/8"	1-1/4"	1/4"	2.47	PARMA

COMPOST FLAILS

195600LP & 195600LH Description: Compost Mixer Blade. Plain/H.F. Length: 12-1/2" Width: 4" Material: 1/4" Hole Size(s): (1) 1-1/16" & (1) 11/16" Weight: P=6.67 Lbs. H=6.98 Lbs. <i>Left Hand</i>	WILDCAT 	195600RP & 195600RH Description: Compost Mixer Blade. Plain/H.F. Length: 12-1/2" Width: 4" Material: 1/4" Hole Size(s): (1) 1-1/16" & (1) 11/16" Weight: P=6.67 Lbs. H=6.98 Lbs. <i>Right Hand</i>	WILDCAT 
195605P		K & W	
Description: Compost Mixer Blade. Plain Length: 7" Width: 4" Material: 3/8" Hole Size(s): (2) 51/64" for 20mm Bolts Weight: 3.10 Lbs. <i>Left & Right Hand</i>			
195605LH & 195605RH Description: Compost Mixer Blade. Hardfaced Length: 7-1/2" Width: 4" Material: 1/2" Hole Size(s): (2) 51/64" for 20mm Bolts Weight: 4.40 Lbs. <i>Left & Right Hand</i>	K & W 	195634LH & 195634RH Description: Compost Mixer Blade. Hardfaced Length: 11-5/8" Width: 4" Material: 3/4" Hole Size(s): (2) 3/4" Bolt Holes Weight: 10.25 Lbs. <i>Left & Right Hand</i>	WILDCAT 

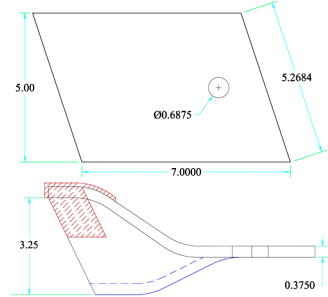
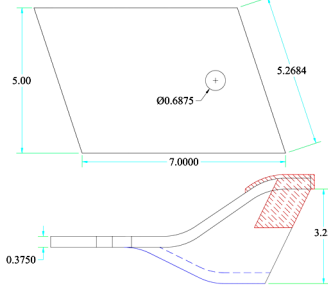
ONION KNIVES

F410550	FALC	F430513	FALC
Description: Straight cut onion knife. Plain Length: 5-7/8" Width: 3-1/2" Material: 5/16"/8mm Hole Size: 23/40" Part # F410550D for Hard Faced		Description: Straight cut onion knife. Plain Length: 3-3/8" Width: 3-1/2" Material: 5/16"/8mm Hole Size: 23/40" Part # F430513D for Hard Faced	
F430786	FALC	F430787	FALC
Description: Slant cut onion knife. Plain Length: 6-19/64" Width: 3-1/2" Material: 5/16"/8mm Hole Size: 23/40" Left Hand Part # F430786D for Hard Faced		Description: Slant cut onion knife. Plain Length: 6" Width: 3-1/2" Material: 5/16"/8mm Hole Size: 23/40" Right Hand Part # F430787D for Hard Faced	

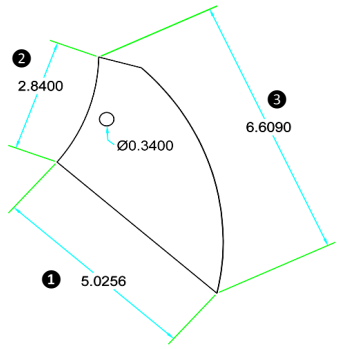
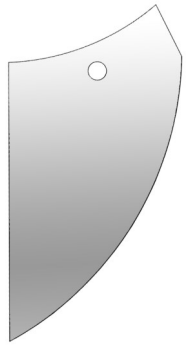
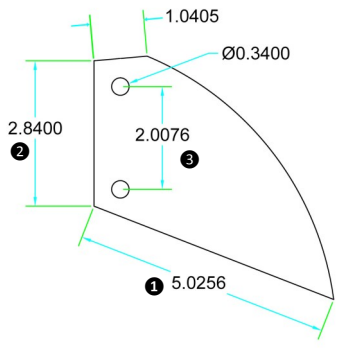
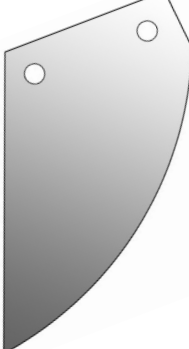
ONION TILLER BLADES

TV-8.5LP	FERGUSON	TV-8.5RP	FERGUSON
Description: Straight cut onion knife. Plain. Length: 8-1/2" Width: 1-1/4" Material: 10mm thick Hole Size: 15/32" Left Hand		Description: Straight cut onion knife. Plain. Length: 8-1/2" Width: 1-1/4" Material: 10mm thick Hole Size: 15/32" Right Hand	
TV-8.5HFL	FERGUSON	TV-8.5HFR	FERGUSON
Description: Straight cut onion knife. Hard Faced. Length: 8-1/2" Width: 1-1/4" Material: 10mm thick Hole Size: 15/32" Left Hand		Description: Straight cut onion knife. Hard Faced. Length: 8-1/2" Width: 1-1/4" Material: 10mm thick Hole Size: 15/32" Right Hand	

PASTURE GROOVING BLADES

XPGLH		XPGLP		XPGLH & XPGLP DIMENSIONS
Description: Pasture Grooving Blade. Hard Faced. Length: 7" Width: 5" Material: 3/8" thick Hole Size: 11/16" <i>Left Hand</i>		Description: Pasture Grooving Blade. Plain. Length: 7" Width: 5" Material: 3/8" thick Hole Size: 11/16" <i>Left Hand</i>		
XPGRH		XPGRP		XPGRH & XPGRP DIMENSIONS
Description: Pasture Grooving Blade. Hard Faced. Length: 7" Width: 5" Material: 3/8" thick Hole Size: 11/16" <i>Right Hand</i>		Description: Pasture Grooving Blade. Plain. Length: 7" Width: 5" Material: 3/8" thick Hole Size: 11/16" <i>Right Hand</i>		

FEED WAGON REPLACEMENT BLADES

XPKIRBY	for KIRBY Feed Wagons	
Description: Replacement Blade. <i>(approximations)</i> 1 Length: 5-1/4" 2 Width: 2-27/32" 3 Height: 6-19/32" Material: 3.5mm Hole Size: 11/32"		
XPWATTS	for WATTS Feed Wagons	
Description: Replacement Blade. <i>(approximations)</i> 1 Length: 5-1/4" 2 Width: 2-27/32" 3 Hole Centers: 2-1/64" Material: 3.5mm Hole Size: 11/32"		

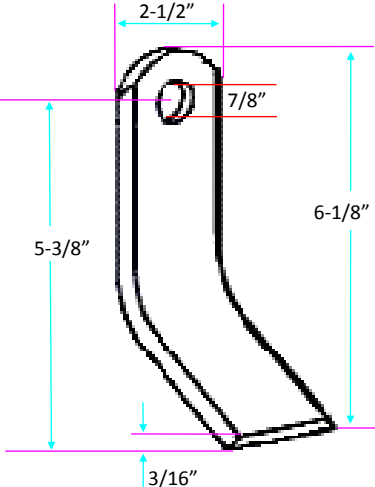
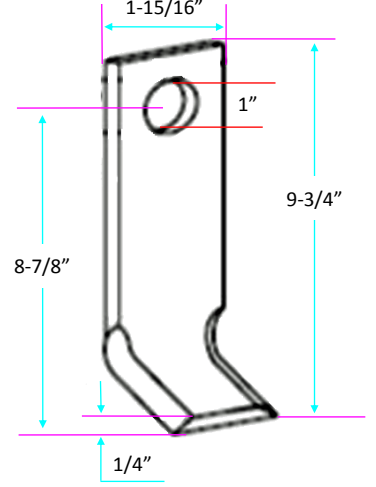
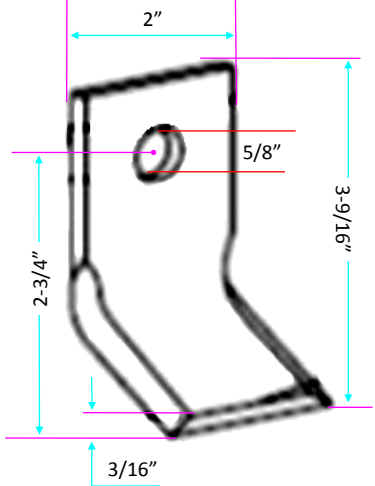
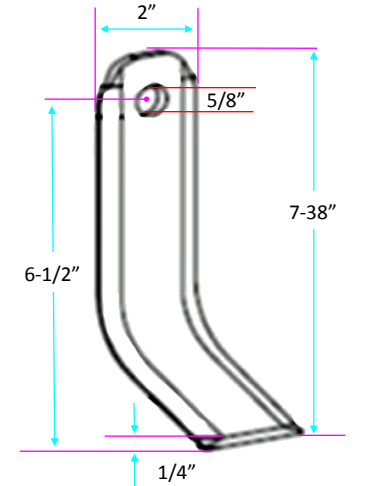
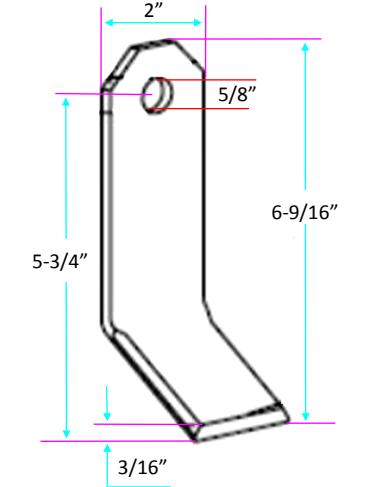
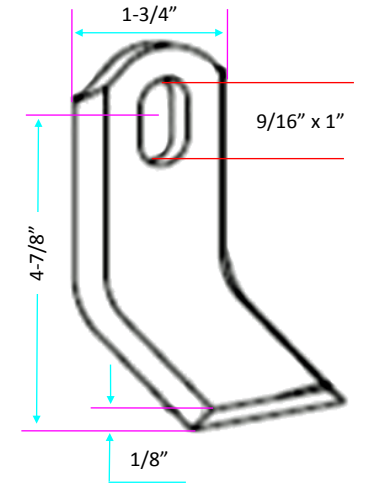
ALL **NORWEST STEEL FLAILS** ARE FULLY HEAT TREATED FOR EXTRA STRENGTH & LONG WEAR. ALL FLAILS ARE MANUFACTURED WITH 2" WIDE MATERIAL.

MINIMUM ORDER is 250 for OBSOLETE and LOW VOLUME parts.

CUSTOM KNIVES CAN BE MADE IF NEEDED. OTHER FLAIL SIZES AVAILABLE UPON REQUEST. PLEASE CALL NORWEST FOR A QUOTE.

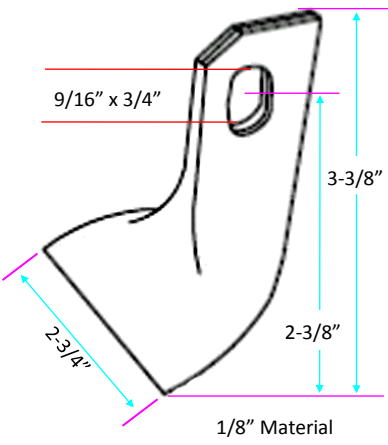
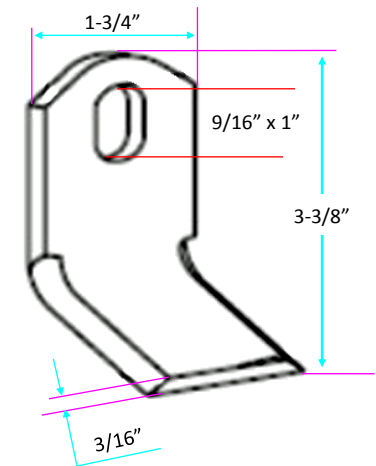
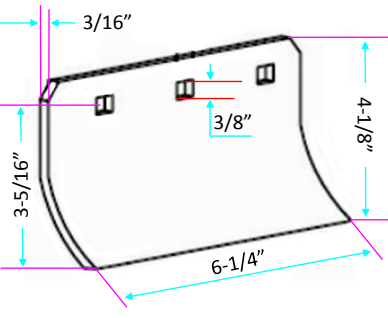
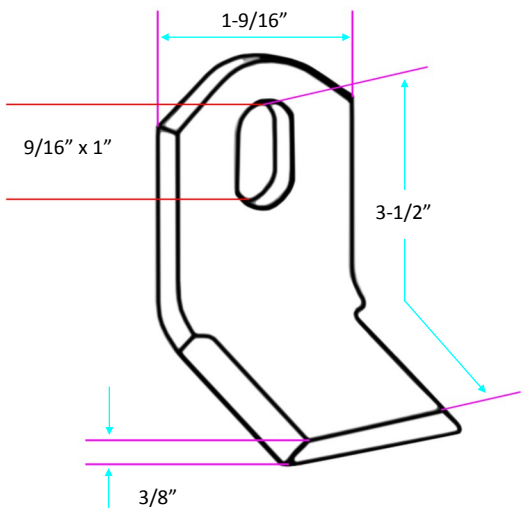
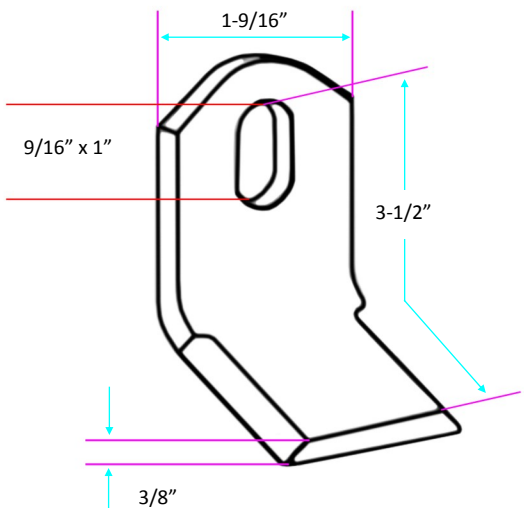
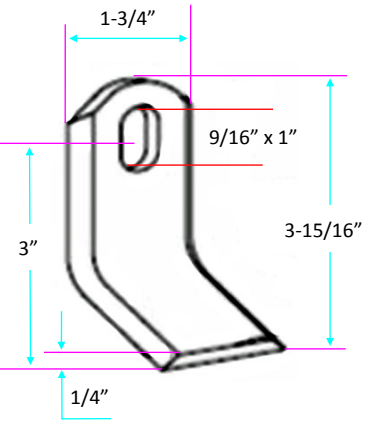
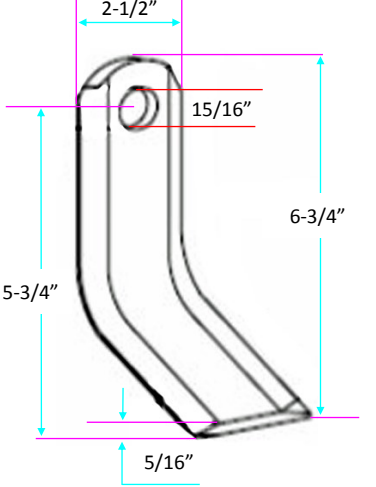
FLAIL KNIVES

*Knives may be ordered with the following suffixes: P = Plain, H = Hard Faced, D = Tuff-Koat

6021-606P	DANDL	6021-899P	IHC
UTILIZED FOR: DANDL (R2560) MOUNTS WITH: 6023-706 (1/2") D-RING DANDL (SA2021) 6023-711 (1-1/4") OVAL RING DANDL (SA2016-1HD) 6024-722 U-BAR DANDL (SA2016-1HD) 6023-707 D-RING (REARS ONLY)		UTILIZED FOR: INTERNATIONAL HARVESTER (491096R1)	
6021-901P	DANDL	6021-636P	ALLOWAY
UTILIZED FOR: DANDL (SA2027) VRISIMO (CD2100) REARS (FL960) MOUNTS WITH: 6023-706 (1/2") D-RING DANDL (S2021) 6023-711 (1-1/4") OVAL RING DANDL (S2047) 6024-742 U-BAR (REARS ONLY) 6023-707 D-RING (REARS ONLY)		UTILIZED FOR: ALLOWAY (505-3-0001) MOUNTS WITH: 6023-708 D-RING 6023-743 U-BAR ALLOWAY (505-3-0014)	
6021-914P	DANDL	6021-936P	FULL CUT TIGER
UTILIZED FOR: DANDL (SA2039) MOUNTS WITH: 6023-706 D-RING DANDL (S2021) 6023-722 U-BAR DANDL (SA2016-HD) VRISIMO (MIGHTY MAX) CD2200		UTILIZED FOR: TIGER (TF1019) MOUNTS WITH: CLEVIS (TF1020) NUT & BOLT (TF10213)	

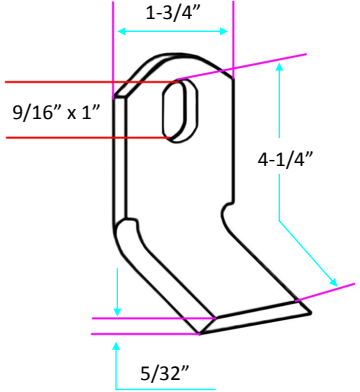
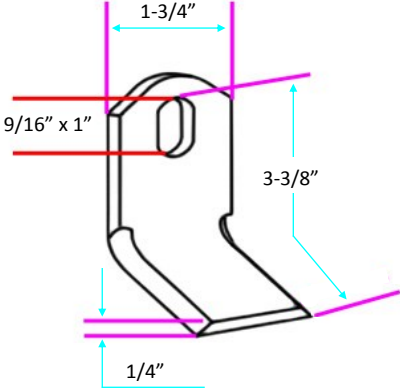
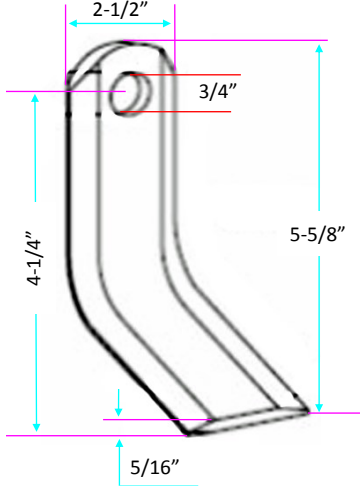
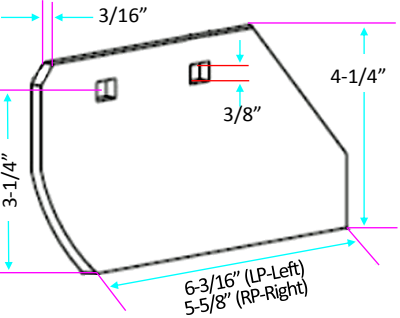
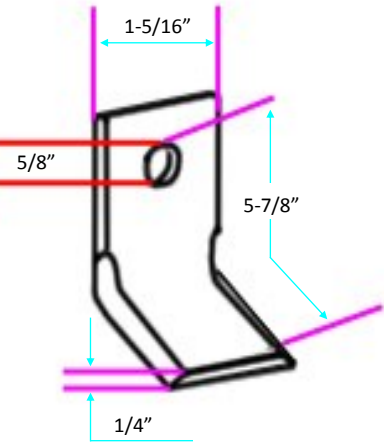
FLAIL KNIVES

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6021-709P	DANDL	6021-996P	STD. MOTT
CUP KNIFE UTILIZED FOR: DANDL (2042) DEERE (E31900) FLORY VRISIMO (CD2135) MIGHTY MAX MOUNTS WITH: 6023-709 (7/16") D-RING Dandl(2017), JD(E31903), Flory(MR6002), Vrisimo(CD2135) 6023-706 (1/2") D-RING Dandl(SA2021) 6023-711 (1-1/4") OVAL RING Dandl(SA2047), Vrisimo(CD2120) 6023-711 (1-1/2") OVAL RING Dandl(SA2111), Flory(MR6001)		UTILIZED FOR: DANDL (IA2016) MOTT (100759) MOUNTS WITH: 6023-717 (SHACKLE & PIN) OR 6023-020 (BOLT & NUT)	
6022-735P	MATHEWS	6021-707P	HEAVY MOTT
UTILIZED FOR: MATHEWS (15208) SERVIS-RHINO MOUNTS WITH: CARRIAGE BOLT & NUT			
6021-007P	FULL CUT EDWARDS	6021-006P	LOFTNESS
UTILIZED FOR: EDWARDS (HMB217-IF)		*FORMERLY 6021-601P UTILIZED FOR: LOFTNESS (8136, 8028 - 90°) LOFTNESS (5986 - OLD STYLE) VRISIMO (CD2185) REARS (FL 8021) LOFTNESS (8020 - NEW STYLE) MOUNTS WITH: 6024-602 SLOTTED BAR VRISIMO (CD 2165) VRISIMO(CD2175) BUSHING	

FLAIL KNIVES

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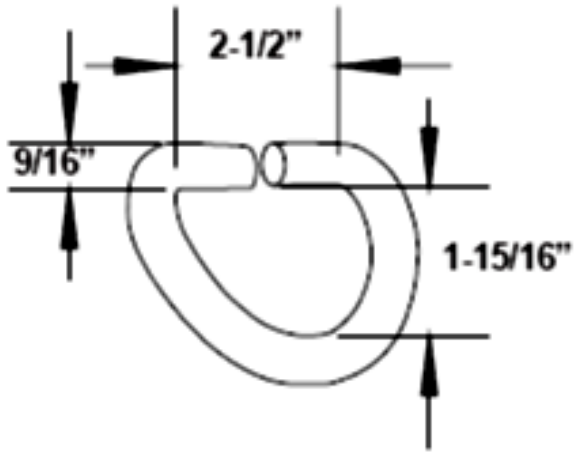
6021-843P	LIGHT DUTY EDWARDS	6021-982P	EDWARDS
UTILIZED FOR: EDWARDS (HMB-217)		UTILIZED FOR: EDWARDS (HMB-217-1)	
6021-876P	DEERE	6022-735LP & RP	MATHEWS
*FORMERLY 6021-875P UTILIZED FOR: DEERE (P60322, P58586, & E48308) BALZAR (24153) BRENT (9001192) LOFTNESS (S330050V) UFT (50800037) MIGHTY MAX MOUNTS WITH: 6023-704 D-RING DEERE (E48307) LOFTNESS (S330070V) 6024-737 U-BAR DEERE (E48305)		UTILIZED FOR: MATHEWS (0015211 L/H) MATHEWS (0015212 R/H) RHINO SERVIS MOUNTS WITH: CARRIAGE BOLT & NUT	
6021-604P	FOX BRADY		
UTILIZED FOR: FOX BRADY (65143) BLAZER (12357) BUFFALO (11040039) SHULTZ-MASSEY (180) OLD CASE, HINIKER (000-65143) MOUNTS WITH: 6023-708 D-RING FOX BRADY (65142), BALZER (12356), Buffalo (18020019) 6024-710 U-BAR FOX BRADY (65141), BALZER (12355), Buffalo (02070278) 6023-699 U-BAR FOX BRADY (1904 Old Style)		 NORWEST MANUFACTURING Phone: (208)436-1770 • Fax: (208)436-1776	

FLAIL KNIFE MOUNTING HARDWARE

D-RINGS, BUSHINGS, & U-BARS

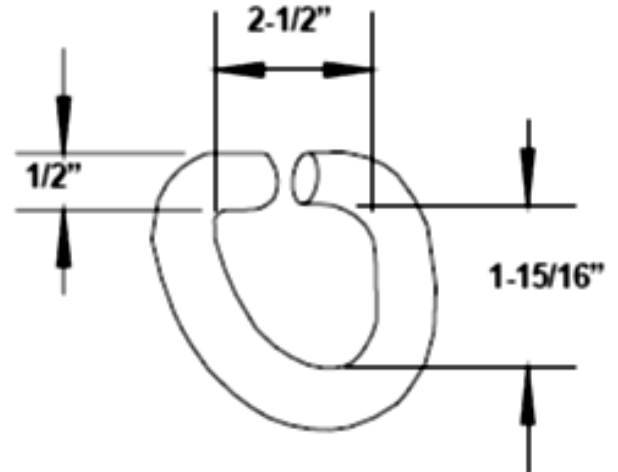
6023-704

D-RING



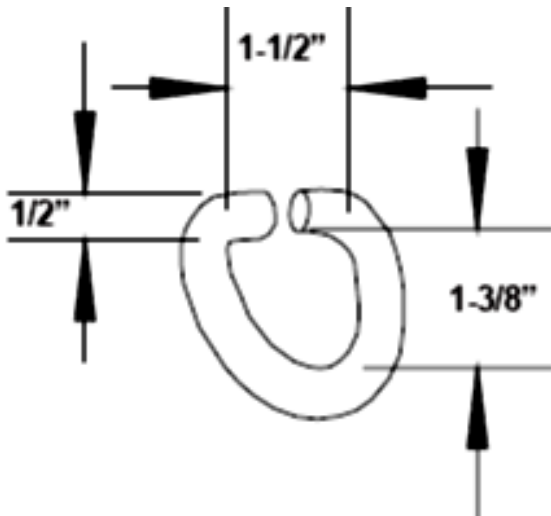
6023-705

D-RING



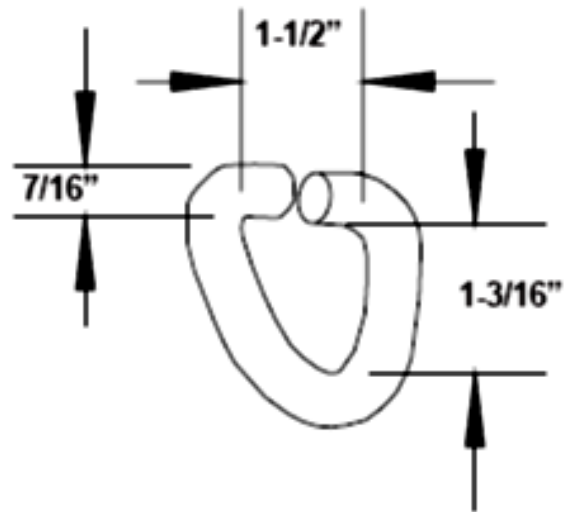
6023-706

D-RING



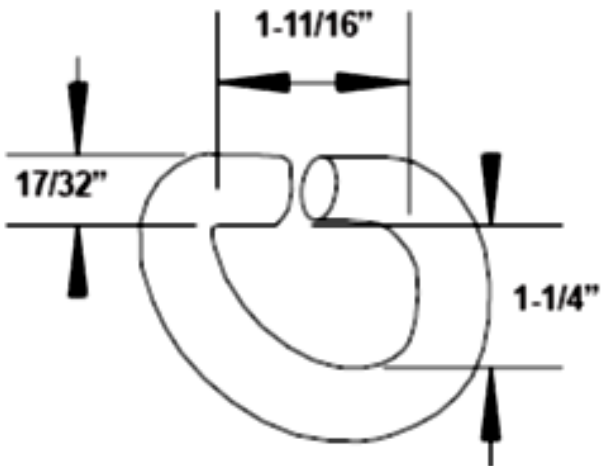
6023-707

D-RING



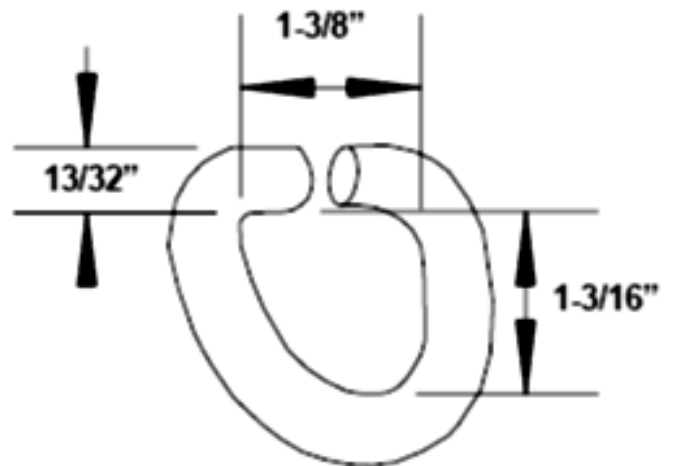
6023-708

D-RING



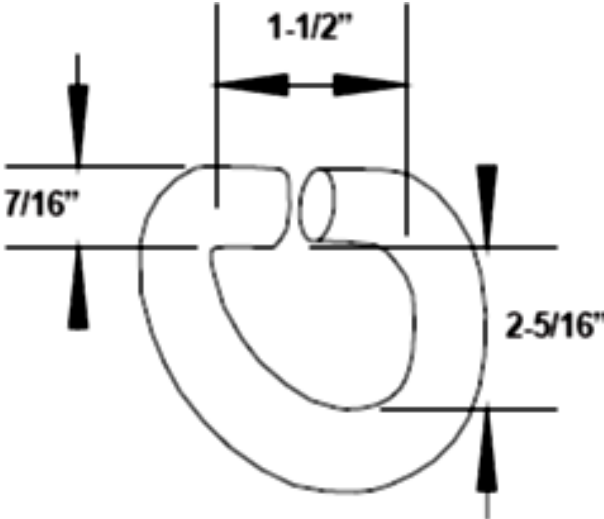
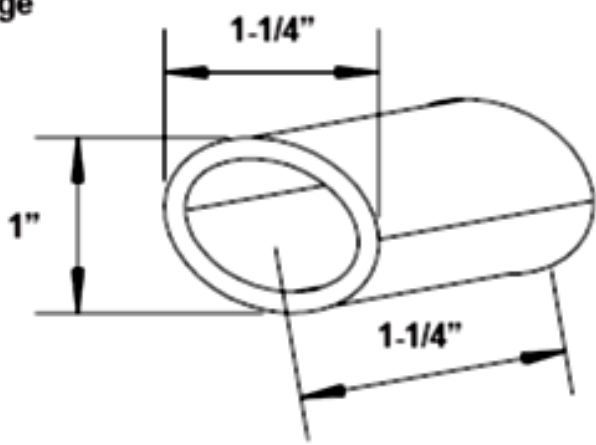
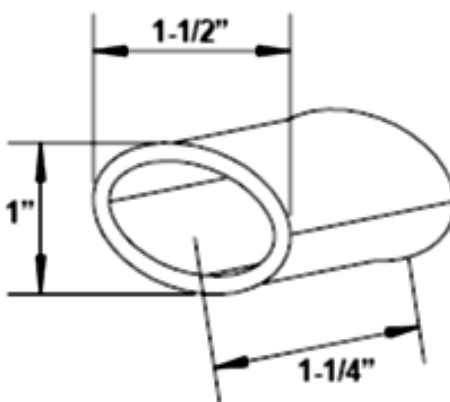
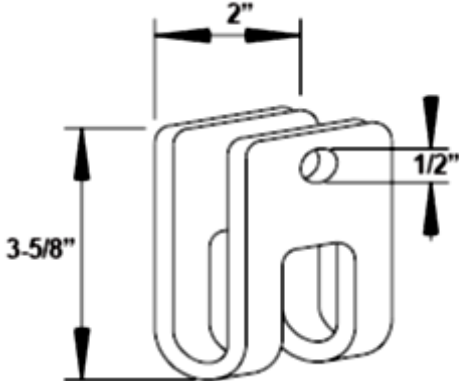
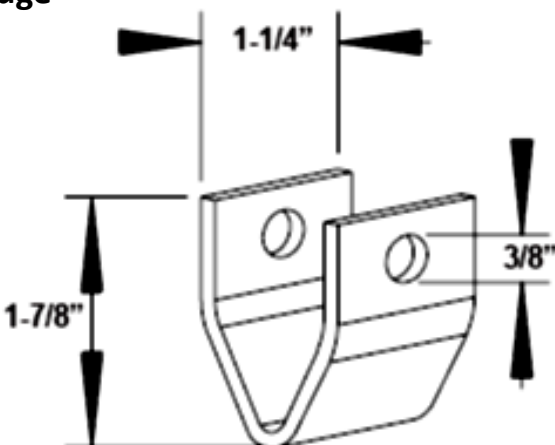
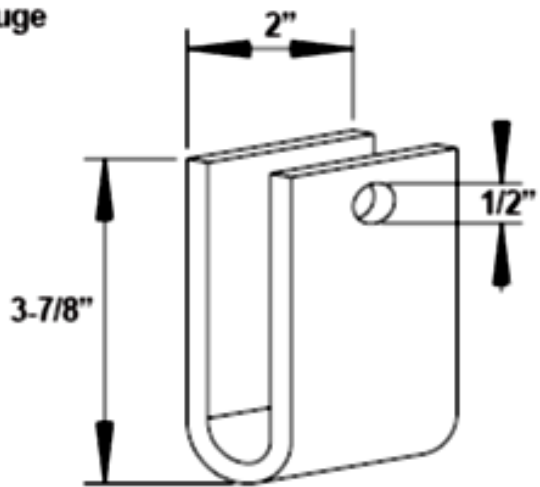
6023-709

D-RING



FLAIL KNIFE MOUNTING HARDWARE

D-RINGS, BUSHINGS, & U-BARS

6023-710	D-RING	6023-711 (1-1/4")	OVAL RING HANGER
			
6023-712 (1-1/2")	OVAL RING HANGER	6024-602	U-BAR
			
6024-628	U-BAR	6024-702	U-BAR
			

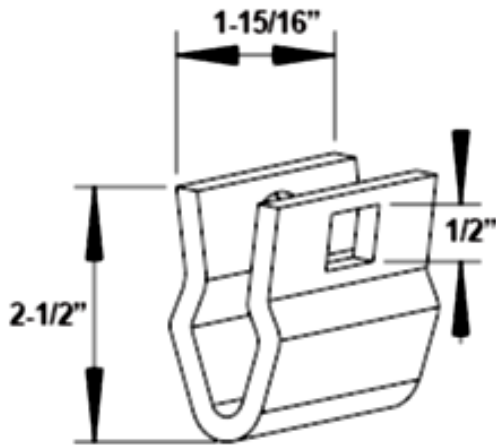
FLAIL KNIFE MOUNTING HARDWARE

D-RINGS, BUSHINGS, & U-BARS

6024-704

U-BAR

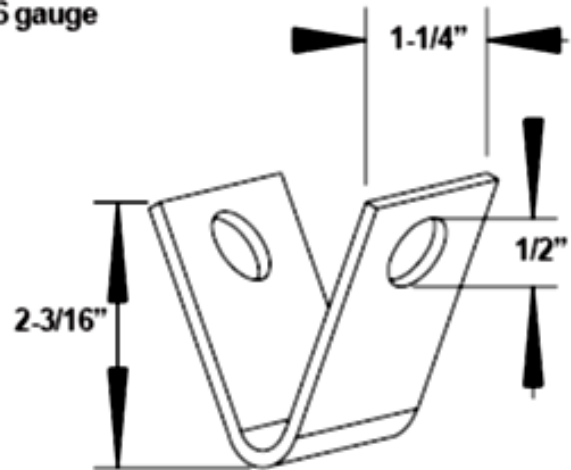
.25 gauge



6024-722

U-BAR

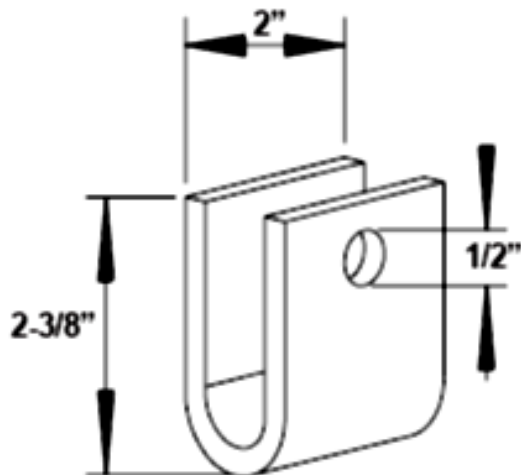
.16 gauge



6024-737

U-BAR

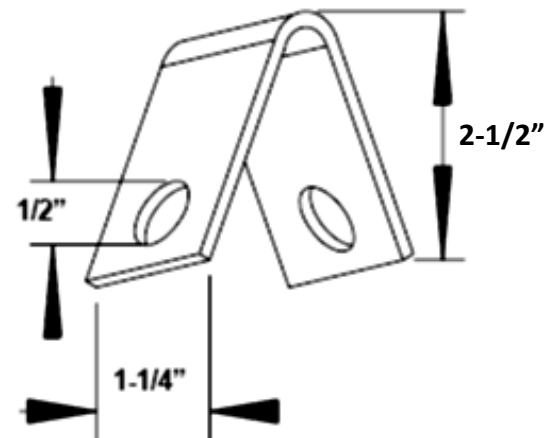
.25 gauge



6024-742

U-BAR

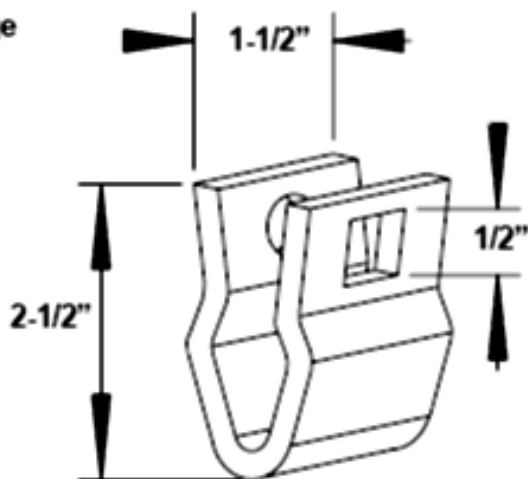
.25 gauge



6024-743

U-BAR

.25 gauge



F.Y.I.

Not all items in stock. Please Call Norwest for Pricing and Availability.

Measurements are Approximate and for Reference purposes.

(208)436-1770