



FRAM

Tire Chains®



TRUCK



TRACTOR



EQUIPMENT



Contents & Introduction

STUDED TRUCK	1
V - BAR SINGLE	2
V - BAR TRIPLE	3
SQUARE ICE	4
SQUARE EASYON	5
FFT, TRACTOR STUDED	6
FLG, LOADER GRADER	7
FLP, LOADER PLAIN	7
FLS, LOADER SKIDDER	8
FMS, MAT SKIDDER	8
FRS, RING SKIDDER	9
FRS+, RING SKIDDER	9

THE HISTORY OF “FRAM” TIRE CHAINS

FRAM® tire chains were first produced in Oslo Norway back in 1909 by a company named Kjættingfabriken. In 2001 Nøstet Kjetting purchased Kjættingfabriken and modernized the factory with primary focus on production of lifting chains, master links and specialized rigging equipment for sub sea operations and off shore oil platforms.

FRAM® Tire Chains are produced entirely in Utena, Lithuania at Nøstet Mechanica. The factory uses only European steel suited especially for durability and wear ability. Nøstet Mechanica is equipped with modern chain making machines, computerized hardening furnaces and sophisticated quality control testing equipment. A skilled and reliable work force ensures consistency in all aspects of the production and assembly processes. FRAM® Tire Chains provide Quality at the Right Price.

WARRANTY

FRAM® chains are warranted from defects in material and workmanship for a period of 90 days from the date of purchase by the user.

Disclaimer in warranty: No other warranty expressed or implied, including the implied warranty of merchantability, fitness for a particular purpose or wear ability is given, and no affirmation of seller by words or action shall constitute a warranty.

THE HISTORY OF THE “FRAM” BRAND NAME

“FRAM” was 39 meters from stem to stern, a steam and sail powered vessel built in Norway in 1891 for the sole purpose of taking Fridtjof Nansen and 12 men on a five year voyage to discover the north pole. FRAM was the strongest vessel of its time, she was outfitted with anchor chains and rigging supplied by “Kjættingfabriken” (the chain factory) which proved to be instrumental in her success. Many other ships broke loose from their moorings and were crushed by the ice flows, but FRAM held strong. When Nansen returned safely from the voyage he granted license to Kjætting Fabriken to use the “FRAM®” name and “Polar Bear” insignia on their chains as testament to their strength and reliability.

TRADE MARKS & SUBSIDIARIES

- FRAM® Tire Chains is a registered trade mark of Nøstet Kjetting AS.
- TRYGG® is a registered trade mark of Nøstet Kjetting AS.
- Nøstet Mechanika is a wholly owned and operated subsidiary of Nøstet Kjetting AS.

2018



Studded 7 mm

STUDED 7 mm

- 7.7 mm boron alloy studs deep hardened and tempered
- 6 mm side chain hardened and tempered
- 8 mm hooks hardened and tempered
- 30% less weight than standard 8 mm chains with no reduction in strength and durability
- Link dimensions and assembly are same as TRYGG® S2000
- Clean natural finish



FRAM® STUDED TRUCK CHAIN SINGLE, 7 mm

Tire size	Gauge x links	Stock # no cams	Stock # w/ cams	Kg
10,00-20 11R22.5	7 mm x 11	F490374	F491374	22
10,00-22 11R24.5	7 mm x 11	F490375	F491375	23
10,00-22* 11R24.5	7 mm x 12	F490375-12	F491375-12	25

FRAM® STUDED TRUCK CHAIN DUAL TRIPLE, 7 mm

Tire size	Gauge x links	Stock # no cams	Stock # w/ cams	Kg
10,00-20 11R22.5	7 mm x 11	F494374	F495374	41
10,00-22 11R24.5	7 mm x 11	F494375	F495375	43
10,00-22* 11R24.5	7 mm x 12	F494375-12	F495375-12	46

* "Wide" also fits deep lug tires



Studded 8 mm

Tall aggressive oversized studs

STUDED 8 mm

- 8.8 mm boron alloy studs deep hardened and tempered
- 8 mm grade 80 side chain
- 10 mm mechanically hardened hooks
- Link dimensions and assembly same as our TRYGG® 8 mm Studded truck chains
- Clean natural finish



FRAM® STUDED TRUCK CHAIN SINGLE 8 mm

Tire size	Gauge x links	Stock # no cams	Stock # w/ cams	Kg
10,00-20 11R22.5	8 mm x 10	F460200	F460201	34
10,00-22 11R24.5	8 mm x 10	F460220	F460221	36
10,00-22* 11R24.5	8 mm x 11	F460220-11	F460221-11	40

FRAM® STUDED TRUCK CHAIN TRIPLE 8 mm

Tire size	Gauge	Stock # no cams	Stock # w/ cams	Kg
10,00-20 11R22.5	8 mm	F464200	F464201	62
10,00-22 11R24.5	8 mm	F464220	F464221	66
10,00-22* 11R24.5	8 mm x 11	F464220-11	F464221-11	73

* "Wide" also fits deep lug tires

V - Bar Singles 7 mm

V-Bar's are less aggressive, but still effective



V - BAR SINGLES 7 mm

- Canadian specification and assembly
- Component quality is same as Fram studded 8 mm
- V-Bar cost less than studded
- V-Bar provide less traction than studded
- V-Bar do less damage to roads than studded

FRAM® V-BAR SINGLES 7 mm					
Tire size	Code	No cams	With cams	Kg	
33x12.5R15 285/75R16LT 33x12.50R16.5 285/75R17LT 285/65R18LT P265/60R20	V295	F485295	F486295	22	315/70R15LT 305/70R16LT P285/70R17 P275/55R20
35x12.50R15 P315/70R16 315/70R17 295/75R16LT 315/75R16LT	V296	F485296	F486296	25	295/70R17LT 325/70R17LT 35x12.50R16.5 35x12.50R17
P235/75R15 225/75R16LT 8.75-16.5 7.00R15LT P265/70R15 265/75R15LT 31x10.50R15 215/85R16LT P235/70R16 P255/65R16 9.50R16.5 235/80R17LT	V312	F485312	F486312	15	235/75R15LT 8.00R16.5 7.00R15LT 7.50R15LT 30x9.50R16.5 7.50R16LT 225/75R16LT 245/75R16LT 8.75R16.5 7-8R17.5 P265/65R17 P215/75R17.5
8.25x15LT 33x9.50R15 P285/75R15 P255/70R16 P275/70R16 7.50R17LT P245/70R17 P265/70R17 7.00x18 225/70R19.5LT	V320	F485320	F486320	20	32x11.50R15 33x10.50R15 235/85R16LT 265/75R16LT 10R16.5 P235/80R17 P255/75R17 P275/60R17 8R19.5 7.50-16
245/85R16LT 275/70R17 245/70R19.5 8R22.5	V322	F485322	F486322	21	255/85R16LT 10R17.5 7.50R20

Tire size	Code	No cams	With cams	Kg
9.00x16 265/70R19.5 9R22.5 245/75R22.5 255/80R22.5	V332	F485332	F486332	25
37/12.50R16.5 9.00R20 265/75R22.5	V342	F485342	F486342	26
10.00R20 275/80R22.5 295/75R22.5	V343	F485343	F486343	28
10.00R22 11R24.5 285/75R24.5	V343HD 8mm	F485343HD11	F486343HD11	30
10.00R22 11R24.5 285/75R24.5	V344	F485344	F486344	31
38/15.50x18 15x39.5x20 12.75R22.5	V344HD 8mm	F485344HD11	F486344HD11	32
15x19.5 13/80R20 11.00R22 12R24.5	V355	F485355	F486355	30
15x19.5 13/80R20 11.00R22 12R24.5	V356	F485356	F486356	33
12.00R24	V372	F485372	F486372	38

FRAM® V-BAR PARTS		
Item	Stock #	Kg
7 x 9 link w/ 9 mm HK	F307382	0.27
7x11 link w/ 9 mm HK	F307384	0.36
7x12 link w/ 9 mm HK	F307385	0.40
7x13 link w/ 9 mm HK	F307386	0.45
8x11 link w/ 10 mm HK	F307394	0.5
8x12 link w/ 10 mm HK	F307395	0.58
Hooks 8 mm	F320271	0.08
Hooks 9 mm	F320290	0.11
Hooks 10 mm	F320100	0.14
Side chain 8 mm	F310085	1.09 mtr

"Test fit prior to use" this ensures correct fit to the tire and makes installation quick and easy when "chains are required"



V - Bar Dual Triples 7 & 8 mm

V - BAR DUAL TRIPLES 7 & 8 mm



FRAM® V-BAR DUAL TRIPLES 7 & 8 mm					
Tire size		Code	No cams	With cams	Kg
7.50R16	235/85R16	V720	F487320	F488320	35
7.00R17/18	7.50R17				
8R19.5	225/70R19.5				
7.00R20	7R22.5	V722	F787322	F488322	39
10R17.5	245/70R19.5				
7.50R20		V732	F487332	F488332	44
8.25R20	9R22.5				
235/80R22.5	245/75R22.5				
255/70R22.5		V742	F487342	F488342	48
9.00R20	10R22.5				
10.00R20	11R22.5	V743	F487343	F488343	51
275/80R22.5	285/75R22.5	V743 HD-11	F487343HD11	F488343HD11	54
295/75R22.5	285/75R24.5	V743 HD-10			
10.00R22	11R24.5	V744	F487344	F488344	55
		V744 HD-11	F487344HD11	F488344HD11	58
		V744 HD-10			
11.00R20	12R22.5	V755	F487355	F488355	58
12.00R20	11.00R22	V756	F487356	F488356	60
12R24.52					



Square profile V's are very efficient on snow packed paved roads



Cams are set to "open" position for initial installation allowing for easy attachment of the end fasteners



A cam wrench tool is supplied to "close" the cams and cinch the chains snug to the tire.



Square Ice 7 mm

SQUARE ICE 7 mm

- Traction at the right price for highway truckers
- 7 mm square profile cross chains, deep hardened and tempered
- 6 mm grade 80 side chain provides:
 - same strength as standard 8 mm side chain
 - 15% weight reduction, easier handling
 - no reduction in number of cross chains, same traction
- Can be run in both directions and inside out to extend service life
- Clean natural finish



Square edges cut into ice and hard pack



Durable bag with handles at both ends



FRAM® SQUARE ICE SINGLE 7 mm				
Tire size	Gauge	No cams	Square w/ cam	Kg
		Stock #	Stock #	
10,00-20_11R22,5	7 mm	F475100	F475101	22
10,00-22_315/80-22,5_11R24,5	7 mm	F475110	F475111	23
445/50-22,5	7 mm	F475125	F475126	28

FRAM® SQUARE ICE TRIPLE 7 mm				
Tire size	Gauge	No cams	Square w/ cam	Kg
		Stock #	Stock #	
10,00-20_11R22,5	7 mm	F469100	F469101	40
10,00-22_315/80-22,5_11R24,5	7 mm	F469110	F469111	41

Standard boomer used on all FRAM® truck chains





Square Easyon 5.5 mm

SQUARE EASYON 5.5 mm

- Light weight, quick and easy to install
- Square profile links bite into ice and snow covered roads
- Vertical cross links provide stability around curves
- Cam tighteners keep chains snug and smooth running



Safety for winter travelers

FRAM® SQUARE EASYON 5.5 mm				
Tire size		Code	Stock #	Kg
33x12.5R15	315/70R15LT	E295	F480182	13
285/75R16LT	305/70R16LT			
33x12.50R16.5	P285/70R17			
285/75R17LT	P275/55R20			
285/65R18LT				
P265/60R20				
35x12.50R15	295/70R17LT	E296	F480220	14
P315/70R16	325/70R17LT			
315/70R17	35x12.50R16.5			
295/75R16LT	35x12.50R17			
315/75R16LT				
P235/75R15	235/75R15LT	E312	F480070	12
225/75R16LT	8.00R16.5			
8.75-16.5	7.00R15LT			
7.00R15LT	7.50R15LT	E315	F480080	12
P265/70R15	30x9.50R16.5			
265/75R15LT	7.50R16LT			
31x10.50R15	225/75R16LT			
215/85R16LT	245/75R16LT			
P235/70R16	8.75R16.5			
P255/65R16	7-8R17.5			
9.50R16.5	P265/65R17			
235/80R17LT	P215/75R17.5			
8.25x15LT	32x11.50R15			
33x9.50R15	33x10.50R15			
P285/75R15	235/85R16LT			
P255/70R16	265/75R16LT			
P275/70R16	10R16.5			
7.50R17LT	P235/80R17			
P245/70R17	P255/75R17			
P265/70R17	P275/60R17			
7.00x18	8R19.5			
225/70R19.5LT	7.50-16			

Tire size		Code	Stock #	Kg
245/85R16LT	255/85R16LT	E322	F480083	13
275/70R17	10R17.5			
245/70R19.5	7.50R20			
8R22.5		E332	F480089	14
9.00x16	10.5x18			
265/70R19.5	8.25R20			
9R22.5	235/80R22.5			
245/75R22.5	255/70R22.5			
255/80R22.5		E342	F480090	15
37/12.50R16.5	37/13.50R17			
9.00R20	285/70R19.5			
265/75R22.5	10R22.5	E343	F480100	16
10.00R20	38/13.50R20			
275/80R22.5	11R22.5			
295/75R22.5	285/75R22.5	E344	F480112	17
10.00R22	315/80R22.5			
11R24.5	275/80R24.5			
285/75R24.5	295/75R24.5	E355	F480110	16
38/15.50x18	11.00R20			
15x39.5x20	12R22.5			
12.75R22.5				
15x19.5	12.00R20	E356	F480120	18
13/80R20	14.80R20			
11.00R22	315/80R22.5			
12R24.5				
12.00R24		E372	F480124	20

FRAM® REPLACEMENT CROSS SECTIONS - NO HOOKS		
Fits chain	Stock #	Kg
F480182	481215	0.45
F480220	481237	0.5
F480070	481157	0.35
F480080	481195	0.41
F480081	481195	0.41
F480083	481217	0.47
F480089	481195	0.41
F480090	481197	0.44
F480100	481237	0.5
F480112	481237	0.5
F480110	481237	0.5
F480120	481277	0.57
F480124	481315	0.63

FRAM® HOOKS FOR CROSS SECTIONS		
Fits all	Stock #	Kg
6 mm	F320060	0.038

"Test fit prior to use" this ensures correct fit to the tire and makes installation quick and easy when "chains are required"



FFT FRAM TRACTOR 7 mm

FFT 7 mm

Continuous traction in all directions



- FRAM[®] tractor is a multifit chain that is quickly tailored to fit perfectly on all makes of tires, new or used
- The design is light weight so the chain can be easily installed and removed
- The 9/32" (7 mm) alloyed cross chain carries oversized studs 5/16" (8 mm) that are deep cased and through hardened to provide long and reliable service
- This chain is well suited for yard work, light forestry and domestic snow clearing
- Performance and quality at the right price

"Slant" gap links adjust side chain length



Tractor and equipment chains are packed in solid wood boxes, (IPPC certified)



FRAM [®] TRACTOR CHAIN		
Tire size	Stock #	Kg
20,8-42_540/80-38_520/85-42_580/70-38_580/70-42 7 mm 600/55-38_600/65-38_600/65-38_620/70-42_620/75-30_650/60-34_650/60-38_650/65-38_650/65-42_520/70-38_23,5-25_23,1-30_650/75-38	F580010	108
16,9-38_18,4-30_18,4-34 7 mm 18,4-38_420/85-38_460/85-34_480/70-30_480/70-34_480/70-38_480/80-30_480/80-38_520/70-30_520/70-34_540/65-30_540/65-34_540/65-38_540/70-30_540/70-34	F580015	91
14,9-28_14,9-30_15,5-38 7 mm 16,9-26_16,9-28_16,9-30_16,9-34_18,4-26_380/85-28_380/85-30_385/95-25_420/70-30_420/70-34_420/85-28_420/85-30_420/85-34_440/80-28_440/80-30_440/80-34_480/65-28_480/70-28	F580020	85
18,4-26_480/65-24 7 mm 480/65-28_480/70-24_480/70-28_495/70-25_500/60-26_500/65-26,5_500/65-28_520/60-28_520/65-24_520/65-28_525/65-20,5_540/65-28	F580025	77
14,9-20_14,9-24 7 mm 340/85-28_360/70-24_360/70-28_360/80-24_365/80-20_365/85-20_375/75-20_380/70-20_380/70-24_380/70-28_380/85-24_395/80-20_400/80-24_405/70-18_405/70-20_405/70-24_420/65-20_420/70-24	F580030	66
11,2-28_12,4-20_12,4-24_12,4-28_13,6-24_13,6-28 7 mm 280/85-28_300/70-24_320/70-24_320/70-28_320/85-24_320/85-28_340/80-24_340/85-24_360/70-20_11,2-24	F580035	63



FLP LOADER PLAIN 16 mm

FLP 16 mm

- Premium alloy steel, deep case hardened
- 16 mm full double diamond pattern without studs
- 19 mm connecting rings resist stress and wear
- Good tire protection and moderate traction
- Tightening rail keeps chains straight on the tire



*“Plain”
non studded*

FRAM® FLP 16-DD (plain)

Tire size	Stock #	Kg
23,5-25	F610367	415
26,5-25L5	F610369	475
29.5-25	F610381	495



FLG LOADER GRADER 11 & 13 mm

FRAM FLG

- Premium quality steel, deep case hardened and tempered
- Produced in 11 mm and 13 mm link dimensions
- The pattern keeps the studs up on top of the lugs providing traction and grip in all directions
- Oversized studs resist wear and extend service life



*Studs
are 10%
larger than
link diameter*

FRAM® FLG 11mm / Studs 12.1mm

Tire size	Stock #	Kg
17,5-25_14,00-24	F605762	147
16,00-24/25	F605781	155
20,5-25	F605764	161

FRAM® FLG 13mm / Studs 14mm

Tire size	Stoock #	Kg
20,5-25	F606764	190
23,5-25	F606766	218



FLS LOADER SKIDDER 16 & 19 mm

Wide spread Stud for stability



Tall Stud height for grip



FLS 16 & 19 mm

- Premium quality steel, deep case hardened
- Produced in 16 mm and 19 mm link dimensions
- Full double diamond pattern protects and extends tire life
- Tall and wide spread U studs give aggressive grip in all weather and terrain conditions
- Oversized connecting rings resist stress and wear

FRAM® FLS 16-DD		
Tire size	Stock #	Kg
23,5-25L5	F611368	543
26,5-25_24,5-32_28L26	F611373	565
29,5-25	F611381	585

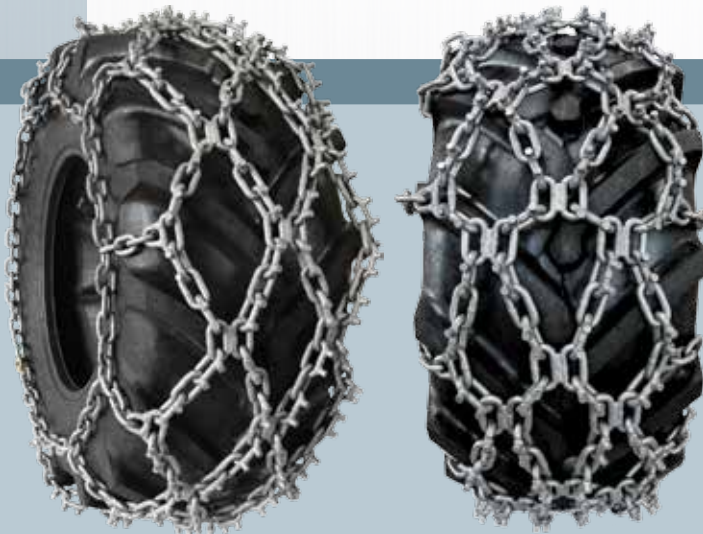
FRAM® FLS 19-DD		
Tire size	Stock #	Kg
30,5-32_26,5-25_29,5-25 combo*	F611471	617
35,5-32_35/65-33**	F611482	735

* May require shortening to fit 26.5

** This is a square top tire and when new requires an extra section (sold in pairs) to close the gap. #611499 / 170 kg.



FMS MAT SKIDDER 19 mm



FMS Mat Skidder 19 mm

- Welded connections produce a stiff mat that reduces stud roll over and slows down interlink wear
- European alloy steel deep case hardened
- 19 mm links, double 19 mm studs on vertical links
- Tails on the center mesh ends make for easy installation and adjustment
- Adjusting points on side chains provide shortening to fit worn tires without cutting down the center mesh

FRAM® FMS DOUBLE DIAMOND REGULAR 3-3		
Tire size	Stock #	Kg
30,5-32 - DD 3-3	F627471	617
35,5-32 - DD 3-3	F627482	735
73-44-32 - DD 3-3	F627485	760

FRAM® FMS TRIPLE DIAMOND TIGHT 3-1		
Tire size	Stock #	Kg
35,5-32 - TD 3-1	F627483	867
73-44-32 - TD 3-1	F627489	890



FRS RING SKIDDER 22 mm

FRS 22 mm



*Extra large cleats
22 x 76 x 63 mm
on 35 mm ring*



- “Close” ring spacing ensures numerous cleats are always in contact with the terrain
- Premium quality steel, deep case hardened
- 22 mm tag links and sub rings, 25 mm half links
- All purpose skidder chain, durable and economically priced

FRAM® FRS 22 mm

Tire size	Stock #	Kg
30,5-32	F631380	657
35,5-32	F631385	741



FRS+ RING SKIDDER 25 mm

FRS+ 25 mm

*18 x 60 x 60 mm cleats
on 25 mm Sub Rings
increase grip
on steep terrain*



*Extra large
22 x 76 x 63 mm
cleats on
35 mm Big Rings*



- Premium quality steel, deep case hardened
- 25 mm tag links, half links and connecting rings
- Large components extend service life
- Maximum traction in the steepest most difficult terrain
- 35 mm big ring with 22 x 76 x 63 cleats

FRAM® FRS+ 25 mm

Tire size	Stock #	Kg
30,5-32	F633480LS	720
35,5-32	F633485LS	810

FEAR NOTHING



BE UNSTOPPABLE



Nosted Kjetting as
Mandal, Norway
Phone:
011-47-38272550
Homepage:
www.trygg.no

DEALER: