

Saw Chain Selection and Identification

Identifying STIHL Saw Chain

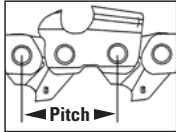
STIHL uses a Marketing Number System in addition to the part number. This allows easy identification of any chain. For example, chain with a Marketing Number of 33RS3:

Pitch	Gauge	Type	Shape	Special
3	3	R	S	3
3/8"	.050"	STIHL RAPID™	Super	Single-Humped Drive Link

Pitch

Distance between three rivets divided by two as shown.

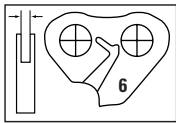
- 1 = 1/4"
- 2 = .325"
- 3 = 3/8"
- 4 = .404"
- 6 = STIHL PICCO™ (3/8" Extended)
- 7 = STIHL PICCO™ (1/4" Extended)



Gauge

(on drive link)

- 1 = .043" (1.1 mm)
- 3 = .050" (1.3 mm)
- 5 = .058" (1.5 mm)
- 6 = .063" (1.6 mm)
- 0 = .080" (2.0 mm) (0 = Harvester Chain Only)



Cutter Type

- P** = STIHL PICCO™
- R** = STIHL RAPID™

Cutter Shape

- D** = Duro (Carbide Tip)
- DS** = Duro Special (Carbide Tip)
- M** = Micro™
- R** = Rescue (RDR chain, especially designed for MS 461 R STIHL MAGNUM® Rescue)
- S** = Super (Chisel)

Special

- 1** = Triple-Humped Tie Strap on PM chain
- 2** = Triple-Humped Tie Strap on RM chain
- 3** = Single-Humped Drive Link
- F** = Full Skip
- H** = Semi Skip (Half-Skip) or Harvester (i.e. on .404" RMH)
- K** = Classic Cutter design
- L** = Square Ground
- M** = Mini
- MM** = Micro Mini
- N** = Narrow (PMN)
- S** = Special

Number of Drive Links in Reels

Type	100' Reel
1/4"	2400
3/8" STIHL PICCO™	1640
.325"	1840
3/8"	1640
.404"	1480

WARNINGS:

* Recommended STIHL green-labeled, reduced-kickback bars are not available in the lengths marked with an * in the chart. For such guide bars, STIHL yellow-labeled bars are listed. Please read and follow the yellow warning information that is included on the guide bar package.

** Recommended STIHL green-labeled, low-kickback chains are not available in .404" pitch. For .404" chain, STIHL yellow-labeled chains are listed which have reduced-kickback characteristics as compared to other STIHL yellow-labeled chains. Read and follow the yellow warning information included with these chains. STIHL recommends the use of 3/8" sprockets in combination with STIHL green-labeled, low-kickback saw chain and STIHL green-labeled, reduced-kickback guide bars whenever possible.

*** Read and follow the yellow warning information included with the STIHL guide bar and STIHL saw chain types that fit onto the 088/MS 880 powerhead.

STIHL Models	Pitch	Gauge	Guide Bar Length(s)	Drive Link Count	Rec. Chain Loop Marketing #	Rec. Guide Bar Part #	Guide Bar Type*	Sprocket Nose Teeth		
MS 170, MS 171, MS 180, MS 180 C-BE, MS 181 C-BE, MS 192 C-E, MS 192 T C-E	3/8" STIHL PICCO™	.043"	12"	44	61 PMM3 44	3005 000 3905	R	7		
			14"	50	61 PMM3 50	3005 000 3909	R	7		
			16"	55	61 PMM3 55	3005 008 3913	R	7		
MS 150 C-E, MS 150 T C-E, MS 192 C-E, MS 192 T C-E, MS 201 T, MS 201 C-E, MS 211, MS 211 C-BE, MSE 170 C-BQ, MSE 210 C-BQ	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 4805	R	9		
			14"	50	63 PM3 50	3005 000 4809	R	9		
			16"	55	63 PM3 55	3005 008 4813	R	9		
			14"	50	63 PM3 50	3005 000 7409	LW	9		
MS 192 C-E, MS 192 T, MS 193 C-E, MS 193 T, MS 201 C-EM, MS 201 T C-M	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 7405	LW	9		
			14"	50	63 PM3 50	3005 000 7409	LW	9		
			16"	55	63 PM3 55	3005 000 7413	LW	9		
MS 241 C-M, MS 250, MS 251, MS 251 C-BE	3/8" STIHL PICCO™	.050"	12"	44	63 PM3 44	3005 000 4805	R	9		
			14"	50	63 PM3 50	3005 000 4809	R	9		
			16"	55	63 PM3 55	3005 000 4813	R	9		
			18"	61	63 PM3 61	3005 000 4817	R	9		
			16"	62	26 RM3 62	3005 000 4713	R	11		
			18"	68	26 RM3 68	3005 008 4717	R	11		
MS 271	.325"	.063"	16"	67	26 RM3 67	3003 810 7113	R	11		
			18"	74	26 RM3 74	3003 810 7117	R	11		
			20"	81	26 RM3 81	3003 810 7121	R	11		
MS 261 MS 261 C-M MS 261 C-MQ	.325"	.063"	16"	67	26 RM3 67	3003 008 6813	R	11		
			18"	74	26 RM3 74	3003 008 6817	R	11		
			20"	81	26 RM3 81	3003 008 6821	R	11		
MS 291 MS 291 C-BEQ	.325"	.063"	16"	67	26 RM3 67	3003 812 7013	R	11		
			18"	74	26 RM3 74	3003 812 7017	R	11		
			20"	81	26 RM3 81	3003 812 7021	R	11		
MS 311 MS 391 MSE 250 C B-Q	3/8"	.050"	16"	60	33 RS3 60	3003 008 8913	R	10		
			18"	66	33 RS3 66	3003 008 8917	R	10		
			20"	72	33 RS3 72	3003 008 8921	R	10		
MS 362, MS 362 RC-M, MS 362 C-M, MS 362 C-MQ, MS 441 RC-M, MS 441 C-M, MS 441 C-MQ, MS 461 R, MS 461	3/8"	.050"	18"	66	33 RS3 66	3003 008 8917	R	10		
			20"	72	33 RS3 72	3003 008 8921	R	10		
			25"	84	33 RS3 84	3003 000 4030	RS	10		
			28"	91	33 RS3 91	3003 000 8838*	RS	11		
			25**	84	33 RS3 84	3003 000 9630*	RS	13		
			28**	91	33 RS3 91	3003 000 9638*	RS	13		
			3/8"	.063"	18"	66	36 RS3 66	3003 008 6117	R	10
					20"	72	36 RS3 72	3003 008 6121	R	10
					22"	76	36 RS3 76	3003 000 9425*	RS	11
					25**	84	36 RS3 84	3003 000 9831*	RS	13
					28"	91	36 RS3 91	3003 000 6038*	RS	11
					32"	105	33 RS3 105	3003 000 8838*	RS	11
MS 661 C-M, MS 661 R C-M	3/8"	.050"	36"	114	33 RS3 114	3003 000 8846*	RS	11		
			36"	114	33 RS3 114	3003 000 8853*	RS	11		
			25**	84	33 RS3 84	3003 000 9630*	RS	13		
			28**	92	33 RS3 92	3003 000 9638*	RS	13		
			32**	105	33 RS3 105	3003 000 9646*	RS	13		
			36**	114	33 RS3 114	3003 000 9653*	RS	13		
			.063"	20"	72	36 RS3 72	3003 008 6121	R	10	
				22"	76	36 RS3 76	3003 000 9425*	RS	11	
				25"	84	36 RS3 84	3003 000 5231*	RS	11	
				25"	84	36 RS3 84	3003 000 6038*	RS	11	
				28"	91	36 RS3 91	3003 000 6041*	RS	11	
				32"	105	36 RS3 105	3003 000 6046*	RS	11	
.404"	.063"	36"	114	36 RS3 114	3003 000 6053*	RS	11			
		25**	84	36 RS3 84	3003 000 9831*	RS	13			
		30**	97	36 RS3 97	3003 000 9842*	RS	13			
		36**	115	36 RS3 115	3003 000 9853*	RS	13			
		32"	95	46 RS 95**	3003 000 7346*	RS	10			
		36"	104	46 RS 104**	3003 000 7353*	RS	10			
MS 880***	3/8"	.063"	21"	75	36 RS3 75	3002 000 9123	RS	10		
			MS 880 R	.404"	.063"	25"	80	46 RS 80**	3002 000 9731*	RS
30"	91	46 RS 91**				3002 000 9741*	RS	12		
36"	108	46 RS 108**				3002 000 9753*	RS	12		
41"	123	46 RS 123**				3002 000 9757*	RS	12		
49"	173	46 RS 173***				3002 000 9576	RS	12		
36"	104	46 RS 104**				3002 001 8052*	D	12		
41"	123	46 RS 123	3002 000 8058*	D	12					
47"	138	46 RS 138**	3002 000 8064*	D	12					

R = Laminated RS = Exchangeable Sprocket Nose D = STIHL DUROMATIC® LW = Lightweight

Note: The actual listed guide-bar length can vary from the effective cutting length based on which chain saw it is installed on.

Note: Specifications are as of October 1, 2017. For most recent updates, visit STIHLusa.com.

ANSI B175.1 Chain Saw Kickback Standard

STIHL's green and yellow color code system serves to identify STIHL bars and chains with different kickback reduction characteristics. Green (go) marks those products which are designed to reduce the risk of kickback injury and comply with the ANSI B175.1 kickback standard. STIHL's low-kickback chain features a green tie strap that identifies each loop as "low-kickback" chain that meets the ANSI standard. Recommended for both the experienced and inexperienced chain saw user. Yellow (caution) marks products with increased risk of kickback injury. They are for use only by persons with extraordinary cutting needs and experience and specialized training in dealing with kickback conditions.