

All you need to know about chains

X-CUT™

X-PRECISION

2024



Cutting Speed

How efficiently the chain cuts through the wood. Higher cutting speed enables higher productivity, making it essential for professional harvest forestry. Pixel (P) chains have a narrow cut, and chisel (C) chains cut the wood fibres more efficiently. Both contribute to higher cutting speed.



Easy Use

The wear resistance of the cutter's edge and how complicated sharpening and using the chain is. Beneficial when working in urban, dusty, or dry environments and for less experienced users. Semi chisel (S) chains hold the edge longer and are easier to sharpen. Guarded (G) chains are less prone to kickback and, therefore, easier to handle.



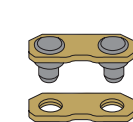
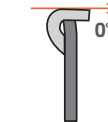
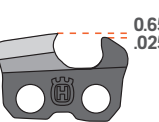
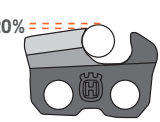
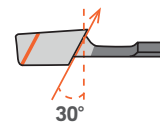
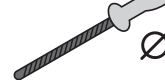
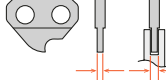
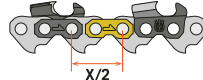
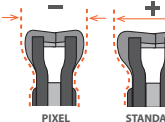
Strength

Expected lifetime and resistance against careless usage or mistakes, e.g. pinching, bending, or twisting. Chain strength is key for full-time professional use. Standard (not pixel) chains have thicker and more robust chassis contributing to increased strength.



Pruning Properties

How smooth-cutting and accurate the chain is, combined with the result on the cut surface. The pruning properties are essential for users who want to avoid damaging the tree, e.g. when pruning fruit trees. A small and narrow chain design is a key factor. X-Precision chains have superior pruning properties.



CHAIN CHARACTERISTICS	CHAIN PNC - XX*	CROSS REFERENCE**	FITS TO CHAINSAW***	FITS TO GUIDE BAR - XX*	CUTTER PROFILE	CHAIN TYPE	PITCH	GAUGE	GUARDED DRIVE LINK	FILING GUIDE	FILE DIAMETER	TOP PLATE ANGLE	FILE HEIGHT	DEPTH GAUGE SETTING	DOWN ANGLE	GRINDER HEAD TILT ANGLE	SPARE TIE STRAP SET
X-PRECISION SP11G			529 34 06-XX 5 / 13cm – 32 10 / 25cm – 60 12 / 30cm – 68	STIHL 71PM3 OREGON Not available	535i, T525, T535i, T540i, Aspire™ P5-P4A, Aspire™ PE5-P4A	X-PRECISION HSM, 10"-12" 529 34 07-XX LAMINATED HMM, 5" 536 91 18-32	Pixel	1/4"mini	1.1mm .043"	P11 FILE HOLDER 529 93 71-01	3.5 mm 9/64" 3-pack: 597 35 48-03			0.4mm .016"			Not available
X-PRECISION SP21G			593 91 41-XX 10 / 25cm – 46 12 / 30cm – 51 14 / 35cm – 59 16 / 40cm – 64	OREGON 801XL STIHL Not available	540, 535i, 540i, T535i, T540, T540i	X-PRECISION HSM, 10"-16" 593 91 43-XX	PIXEL	.325"mini		P21 COMBI GAUGE 595 00 47-01 FILING KIT 595 00 46-01							Not available
H-CHAIN H00			501 84 40-XX 100ft -01 (2398 dl) 8 / 20 cm – 52 10 / 25cm Pole saw – 58 10 / 25cm – 60 12 / 30cm – 68 14 / 35cm – 72 16 / 40cm – 78 18 / 45cm – 84	OREGON 25AP STIHL 13RM	115IPT4, 120i TK4-P, 525PT5S, 530iP4, 530IPT5, 530iPX, 535i, T525, T535i	CARVING HSM, 10"-12" 587 39 44-XX LAMINATED HSM, 10"-12" 579 55 90-XX LAMINATED POLE SAW A318, 10"-12" 575 84 22-XX	Semi-Chisel	1/4"		COMBI GAUGE 580 68 74-01 FILING KIT 580 68 75-01	4.0 mm 5/32" 3-pack: 597 35 48-01 12-pack: 597 35 48-02						TIE-STRAP 25 PCS 587 78 93-01 PRE-RIVETED TIE STRAP 25 PCS 587 78 93-02
X-CUT™ S93G			585 40 42-XX 100ft -01 (1641 dl) 10 / 25cm – 40 12 / 30cm – 45 14 / 35cm – 52 16 / 40cm – 56	H-CHAIN H37 (H35) OREGON 91PX, 91VXL STIHL 63PM3	120, 130, 135, 240i, 330i, 340i, 418EL, 525P4S, 525P5, 420EL, 530iP4, 530IPT5, 530iPX, 535i, 540, 540i, T525, T535i, T540, T540i	X-FORCE HSM, 12"-16" 582 20 76-XX LAMINATED HSM, 10"-16" 501 95 92-XX		3/8"mini	1.3mm .050"	93 COMBI GAUGE 587 80 90-01 FILING KIT 587 80 67-01							TIE-STRAP SET 38 PCS 587 37 26-03
X-CUT™ SP33G			581 64 31-XX 100ft -01 (1852 dl) 13 / 33cm -56 15 / 38cm -64 16 / 40cm -66 18 / 45cm -72 20 / 50cm -80	H-CHAIN H30 (H22) OREGON 95VPX, 95TXL STIHL 23RM3 PRO	346, 350, 353, 435, 440, 445, 450, 543, 545, 550	X-FORCE HSM, 13"-20" 582 07 53-XX LAMINATED HSM, 13"-18" 578 40 01-XX	Pixel			P33 COMBI GAUGE 586 93 84-01 FILING KIT 586 93 34-01							TIE-STRAP SET 30 PCS 587 37 26-01
X-CUT™ S35G			585 63 95-XX 100ft -01 (1852 dl) 13 / 33cm -56 15 / 38cm -64 16 / 40cm -66 18 / 45cm -72 20 / 50cm -80	H-CHAIN H25 OREGON 21BPX STIHL 25RM3, 25RM		X-FORCE HSM, 13"-20" 582 08 69-XX LAMINATED HSM, 15"-18" 538 92 07-XX X-TOUGH RSN HSM, 18" 596 68 57-XX			1.5mm .058"		4.8 mm 3/16" 3-pack: 597 35 58-01 12-pack: 597 35 58-02	30°	20%	0.65mm .025"	0°	55°	TIE-STRAP SET 30 PCS 587 37 26-06
X-CUT™ C35			581 69 97 - XX 100ft -01 (1852 dl) 13 / 33 cm - 56 15 / 38 cm - 64 16 / 40 cm - 66 18 / 45 cm - 72 20 / 50 cm - 80	H-CHAIN H21 OREGON 21LPX STHIL 25RS	55, 346, 350, 353, 353, 357, 359, 450, 543, 545, 550, 555, 560	X-Force HSM, 13"-20" 582 07 53 - XX LAMINATED HSM, 13"-18" 578 40 01 - XX	Chisel		1.3mm .050"		35 COMBI GAUGE 587 80 91-01 FILING KIT 587 80 68-01						
X-CUT™ C33			585 64 11 - XX 100ft -01 (1852 dl) 13 / 33 cm - 56 15 / 38 cm - 64 16 / 40 cm - 66 18 / 45 cm - 72 20 / 50 cm - 80	H-CHAIN H23 OREGON 20LPX STHIL 23RS		X-Force HSM, 13"-20" 582 07 53 - XX LAMINATED HSM, 13"-18" 578 40 01 - XX			1.3mm .050"								
X-CUT™ S85			585 54 91-XX 100ft -01 (1641 dl) 15 / 38cm - 56 16 / 40cm - 60 18 / 45cm - 68 20 / 50cm - 72 24 / 60cm - 84 28 / 70cm - 92	H-CHAIN H49 (H54) OREGON 73DX, 73DPX STIHL 35RM	61, 272, 281, 288, 353, 365, 372, 390, 395, 455, 460, 555, 560, 562, 565, 572, 585, 592	X-FORCE HLM, 15"-20" 585 95 08-XX X-FORCE HSM, 15"-20" 585 94 34-XX LAMINATED HLM, 18"-20" 538 92 08-XX X-TOUGH RSN HLM, 16"-28" 596 69 11-XX X-TOUGH RSN HSM, 18"-20" 596 69 15-XX X-TOUGH HARD NOSE HLM, 18"-30" 596 69 08-XX X-TOUGH LIGHT HLM, 20"-36" 599 65 66-XX	Semi-Chisel	3/8"	1.5mm .058"	83/85 COMBI GAUGE 586 93 86-01 FILING KIT 586 93 85-01	5.5 mm 7/32" 3-pack: 597 35 61-01 12-pack: 597 35 61-02					TIE-STRAP SET 26 PCS 587 37 26-02	
X-CUT™ C85			581 62 66-XX 100ft -01 (1641 dl) 15 / 38cm - 56 16 / 40cm - 60 18 / 45cm - 68 20 / 50cm - 72 24 / 60cm - 84 28 / 70cm - 92 30 / 75cm - 02 32 / 80cm - 05 36 / 90cm - 15	H-CHAIN H48 (H42) OREGON 73LGX, 73LPX STIHL 35RS			Chisel										
H-CHAIN H64			25ft: 503 30 64-25 100ft : 503 30 64-01 (1484 dl) 501 84 31-XX 24 / 60cm - 76 28 / 70cm - 84 30 / 75cm - 92 36 / 90cm - 04 42 / 105 cm - 24	OREGON 27AX STIHL 46RM	395, 3120	X-TOUGH HARD NOSE HLM, 24"-42" 596 69 10-XX	Semi-Chisel	.404"	1.6mm .063"	FILING GAUGE 505 69 81-15 DEPTH GAUGE TOOL 505 69 81-02							TIE-STRAP 25 PCS 501 84 79-02 PRE-RIVETED TIE STRAP 25 PCS: 501 84 82-02