

DIAMOND[®]
DIAMOND CHAIN COMPANY

MOTORCYCLE AND ATV GUIDE

MOTORCYCLE CHAIN APPLICATION

HARLEY-DAVIDSON (PRIMARY CHAIN)			HONDA (CONTINUED)			HONDA (CONTINUED)		
Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length
Big Twin 4 Speed, Rigid Mount (36-06)	428-2	82	CB750A Automatic (1976)	530	104	CR125M Elsinore (73-75)	428	118
Dyna Glyde (91-05)	428-2	82	CB750A Automatic (77-78)	630	88	CR125M Elsinore (76-78))	428	122
FLT (80-06)	428-2	76	CB850C Custom (80-81)	530	106	CR125R (79-81)	520	110
FLHT (80-06)	428-2	76	CB750C Custom (1982)	530	106	CR125R (82-84)	520	112
FXR (80-06)	428-2	76	CB850F Supersport (75-76)	530	102	CR125R (85-96)	520	114
FXRS (80-06)	428-2	76	CB750F Supersport (77-78)	630	88	CR125R (1997)	520	112
FXRT (80-06)	428-2	76	CB750F Supersport (1979)	630	90	CR125R (98-04)	520	114
Softail 4 & 5 Speed (84-06)	428-2	82	CB750F Supersport (80-81)	530	108	CT125R (02-06)	520	116
XL (57-03)	35-3	94	CB750F Supersport (1982)	530	108	CR250 Elsinore (78-80)	520	110
HARLEY-DAVIDSON (REAR CHAIN)			CB750K Four (69-70)	530	100	CR250M Elsinore (73-76)	520	104
Model Style (Year)	Rear Chain Size	Pitch Length	CB750K Four (71-76)	530	100	CR250R Elsinore (1981)	520	114
All Big Twins (30-54)	530	102	CB750K (77-78)	630	88	CR250R (82-87)	520	114
FL, FLH (55-79)	530	100	CB750K (1979)	630	90	CR250R (88-91)	520	116
All FLH, FLT (80-84)	530	102	CB750K (80-81)	530	108	CR250R (92-93)	520	112
FX, FXE, FXWG (71-Later)	530	102	CB750K (1982)	530	108	CR250R (94-06)	520	114
All FXR models (82-83)	530	110	CB750L Limited (1979)	630	90	CR150R Elsinore (81-82)	520	116
All FXR, FXST models (84-85)	530	112	CB750SC Nighthawk (82-83)	530	106	CR500R (84-94)	520	116
XLH (58-66), XLCH (58-69)	530	104	CB900F Supersport (1981)	530	106	CR500R (95-01)	520	118
All Sportster (70-86) except 833 Hugger	530	106	CB900F Supersport (1982)	530	106	CRF100F (85-06)	428	118
XLH 833 Hugger (86-87)	530	110	CB900F2 919 (02-05)	530	108	CRF150 (2003)	428	.....
45ci 2 Wheeler	530	92	CB919F (2002)	530	108	CRF150F (03-06)	520	.....
45ci Servi-Car	530	102	CBR1000F Hurricane (87-88)	530	114	CRF230F (03-06)	520	.....
HONDA			CBR1000F (90-91, 93-96)	530	114, 120	CRF230R (2003)	520	.....
Model Style (Year)	Chain Size	Pitch Length	CBR1000RR (04-05)	530	.....	CRF250R (03-06)	520	114
CB100Supersport (70-73)	428	104	CBR1100XX Blackbird (97-03)	530	110	CRF250X (03-06)	520	114
CB1000 (94-95)	530	120	CBR600F Hurricane (87-90)	530	110	CRF450R (02-05)	520	114
CB1100F Supersport (1983)	530	104	CBR600F F2, F3 (91-99)	530	108	CRF450X (2005)	520	114
CB125S (73-75)	428	102	CBR900RR (93-99)	530	108	CT110 Trail 110 (80-81)	428	104
CB125S (76-81)	428	100	CBR929RR (00-01)	530	108	CT110 Trail 110 (82-86)	428	104
CB125S (1982)	428	100	CBR954RR (02-03)	530	108	CT125 Trail 125 (1977)	428	102
CB125S (84-85)	428	110	CBX (1979)	630	86	CT90 Trail 90 (70-79)	428	104
CB175 (69-73)	428	112	CBX (1980)	530	102	EZ90 Cub (1991)	428	100
CB250 Nighthawk (91-05)	520	106	CBX (1981)	530	108	EZ90 Cub (92-93)	428	100
CB350/G Supersport (68-73)	530	94	CBX (1982)	530	108	FT500 Ascot (82-83)	530	100
CB350F Four (72-74)	530	96	CJ360 (76-77)	530	98	MR175 (75-76)	428	118
CB360 (74-76)	530	94	CL 100 Supersport (70-73)	428	104	MR175 (1977)	428	118
CB400A Automatic (1978)	530	100	CL125 Scrambler (73-74)	428	103	MR250 Elsinore (1976)	520	104
CB400F Four (75-77)	530	96	CL175 (68-72)	428	116	MT125 (74-76)	428	118
CB 400T Hawk I (78-80)	530	100	CL350 Scrambler (68-73)	530	96	MT250 Elsinore (74-76)	520	104
CB 400T Hawk II (1981)	530	100	CL360 (74-76)	530	94	NX125 (88-90)	428	130
CB 450 Scrambler (67-74)	530	92	CL450 Scrambler (67-74)	530	92	NX250(88-90)	520	120
CB450SC Nighthawk (1982)	530	106	CM185T Twinstar (78-79)	428	112	NX650 (88-89)	520	108
CB500K Four (71-74)	530	98	CM200T Twinstar (80-81)	428	112	RVT1000R RCS1 (00-05)	530	.....
CB500T Twin (75-76)	530	98	CM200T Twinstar (1982)	428	112	SL100 Motosport (70-73)	428	110
CB550F Supersport (74-78)	530	100	CM250C Custom (1982)	520	104	SL125 (71-73)	428	110
CB550K Supersport (74-78)	530	100	CM250C Custom (1983)	520	104	SL175 Motosport (70-73)	428	112
CB650 (1979)	530	102	CM400A Automatic (79-81)	530	102	SL350 Motosport (69-73)	520	100
CB650 (80-81)	530	104	CM400C Custom (1981)	530	102	ST90 TrailSport (73-75)	428	94
CB650 (1982)	530	102	CM400E/T (79-81)	530	102	TL125 (1976)	428	120
CB650C Custom (80-81)	530	104	CM450A/C/E (1982)	530	102	TLR200 Reflex (86-87)	520	96
CB650SC Nighthawk (1982)	530	104	CM450A/E (1983)	530	102	TR200 Fat Cat (1986)	520	100
			CMX250 Rebel (85-05)	520	108	TR200 Fat Cat (1987)	520	100

HONDA (CONTINUED)			HONDA (CONTINUED)			KAWASAKI (CONTINUED)		
Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length
VF1000F Interceptor (1984)	530	110	XR250R (96-02)	520	108	KE175 (82-83)	428	116
VF1000R Interceptor (85-86)	530	110	XR400R (96-04)	520	108	KE250 (77-79)	520	98
VF400C Magna (84-85)	530	108	XR500 (79-80)	520	100	KH500 (1976)	530	106
VF500F Interceptor (84-85)	530	108	XR500R (1981)	520	104	KL250 (78-79)	520	96
VF500F Interceptor (1986)	530	108	XR500R (1982)	520	104	KL250 (80-84)	520	96
VF700F Interceptor (84-85)	530	110	XR500R (83-84)	520	104	KL250D (98-03)	520	104
VF750C Magna (94-01)	530	120	XR600R (85-57)	520	110	KL250D1 Super Sherpa (00-03)	520	102
VF750CD Magna DLX (95-97)	530	120	XR600R (88-90)	520	112	KL650 Tengai (90-91)	520	106
VF750F Interceptor (83-84)	530	110	XR600R (1991)	520	110	KL650 (95-03)	520	106
VFR700 Interceptor (86-87)	530	110	XR600R (92-01)	520	112	KLR250 (85-97)	520	104
VFR750F (90-97)	530	112	XR650L (93-95)	520	110	KLR600 (1984)	520	90
VFR750FZ Interceptor (1986)	530	110	XR650L (96-03)	520	110	KLR600 (85-86)	520	104
VFR750R RC30 (1990)	530	120	XR650R(00-03)	520	110	KLR650 (87-91)	520	106
VFR800F I.E. Interceptor (98-01)	530	120	KAWASAKI			KLR650 (92-99)	520	106
VFR800F I.E. Interceptor (02-03)	530	120	Model Style (Year)	Primary Chain Size	Pitch Length	KLT110 (1986)	428	100
VTR1000F Superhawk (97-05)	530	102	500 H1 (69-72)	530	102	KLX250R (94-96)	520	110
VTR250 Interceptor (88-89)	520	104	500 H1 (73-75)	530	106	KLX300 (97-02)	520	110
VTR250 Interceptor (1990)	428	128	750 H2 (72-73)	530	110	KLX400R (2003)	520	112
XL100 (74-76)	428	112	750 H2 (74-75)	530	120	KLX400SR (2003)	520	112
XL100 (77-78)	428	112	BN123 Eliminator (01-02)	428	132	KLX650C (93-96)	520	112
XL100S (79-80)	428	118	EL250 Eliminator (88-89)	520	114	KLX650R (93-96)	520	110
XL100S (1981)	428	108	EL250 (91-92)	520	114	KX125 (1979)	428	130
XL100S (82-85)	428	108	EN500 Vulcan LTD (97-04)	520	110	KX125 (80-81)	520	118
XL125S (74-78)	428	118	EX250 Ninja (86-87)	520	104	KX125 (1982)	520	114
XL125S (79-81)	428	124	EX250 Ninja (88-90)	520	106	KX125 (83-84)	520	114
XL125S (82-85)	428	124	EX250 Ninja (92-95)	520	106	KX125 (1985)	520	110
XL175 (73-78)	428	116	EX250 Ninja (96-03)	520	106	KX125 (1986)	520	110
XL185S (79-81)	428	120	EX500 (87-93)	520	104	KX125 (1987)	520	110
XL185S (82-83)	428	120	EX500 Ninja (94-03)	520	104	KX125 (1988)	520	112
XL200R (83-84)	520	104	KD125 (76-79)	428	118	KX125 (1989)	520	112
XL250 Motosport (72-77)	520	102	KD80 (80-87)	428	98	KX125 (90-91)	520	112
XL250R (82-83)	520	102	KD80M (82-87)	428	98	KX125 (92-93)	520	112
XL250R (84-87)	520	102	KDX175 (1980)	520	118	KX125 (94-95)	520	110
XL250S (78-81)	520	102	KDX175 (81-82)	520	118	KX125 (96-98)	520	112
XL350 (74-78)	530	100	KDX200 (83-85)	520	112	KX125 (1999)	520	110
XL350R (83-85)	520	106	KDX200 (86-87)	520	110	KX125 (00-02)	520	110
XL500R (1982)	520	96	KDX200 (88-90)	520	110	KX125 (2003)	520	110
XL500S (79-81)	520	96	KDX200 (91-94)	520	110	KX250 (1978)	520	110
XL600R (83-87)	520	104	KDX200 (95-02)	520	110	KX250 (1979)	520	116
XR100 (1981)	428	112	KDX200 (2003)	520	108	KX250 (80-81)	520	114
XR100 (82-84)	428	112	KDX220 (97-01)	520	110	KX250 (1982)	520	114
XR100R (85-06)	428	118	KDX220 (02-03)	520	108	KX250 (83-84)	520	114
XR100R (90-02)	428	118	KDX250 (1980)	520	110	KX250 (1985)	520	114
XR185 (1979)	428	126	KDX250 (1981)	520	116	KX250 (1986)	520	114
XR200 (80-81)	520	102	KDX250 (1982)	520	118	KX250 (87-88)	520	114
XR200 (82-84)	520	102	KDX250 (83-84)	520	118	KX250 (89-91)	520	114
XR200R (81-83)	520	106	KDX250 (91-94)	520	112	KX250 (92-93)	520	114
XR200R (84-03)	520	108	KDX400 (79-80)	520	112	KX250 (1994)	520	112
XR250 (79-80)	520	102	KDX420 (1981)	520	120	KX250 (94-96)	520	112
XR250L (91-97)	520	104	KDX450 (1982)	520	120	KX250 (1997)	520	114
XR250R (81-82)	520	106	KE100 (76-71)	428	110	KX250 (98-03)	520	114
XR350R (83-84)	520	104	KE100 (82-02)	428	112	KX420 (80-81)	520	118
XR350R (1985)	520	106	KE125 (76-79)	428	118	KX450 (1974)	520	102
XR250R (86-95)	520	108	KE125 (80-83)	428	118	KX500 (1983)	520	112
XR250R (96-04)	520	106	KE175 (80-81)	428	118	KX500 (1984)	520	112

KAWASAKI (CONTINUED)			KAWASAKI (CONTINUED)			SUZUKI (CONTINUED)		
Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length
KX500 (1984)	520	112	ZX1100 Ninja (94-01)	530	110	KDR650SE (96-02)	520	110
KX500 (1985)	520	112	ZX1100 GPZ (95-98)	530	112	DRZ125 (2003)	428	134
KX500 (1986)	520	114	ZX-12R (00-04)	530	116	DRZ250 (01-03)	520	112
KX500 (1987)	520	114	ZX1200 Ninja (00-03)	530	116	DRZ400 (00-02)	520	112
KX500 (1988)	520	114	ZX1200R (01-03)	530	110	DRZ400E (00-03)	520	112
KX500 (1989)	520	114	ZX550A1 GPZ (1984)	520	104	DRZ400S (00-03)	520	112
KX500 (90-03)	520	114	ZX550A2 (84-85)	520	104	DS100 (78-81)	428	114
KZ1000 (77-80)	630	92	ZX600 (00-02)	520	108	DS125 (79-81)	428	114
KZ1000 LTD (77-80)	630	92	ZX600 ZX6 (02-03)	520	112	DS185 (1978)	520	102
KZ1000 LTD (81-82)	630	96	ZX600B1 Ninja (85-87)	530	102	DS185 (79-80)	520	102
KZ1000 CSR (81-82)	630	96	ZX600C Ninja (88-97)	530	102	DS80 (78-79)	428	98
KZ1000 (1983)	630	98	ZX600D ZX6 (90-93)	530	110	DS80 (80-82)	428	88
KZ1000J (81-83)	630	96	ZX600E ZX6-Ninja (93-01)	530	112	DS80 (83-00)	428	96
KZ1000P (82-83)	630	96	ZX7 (89-90)	530	110	GN125 (82-83)	428	114
KZ1000P Police (89-01)	630	98	ZX7 (91-95)	530	110	GN125 (95-96)	428	114
KZ1000P Police (02-03)	530	114	ZX750 (1985)	630	94	GN125E (91-94)	428	124
KZ1000R1 ELR (82-83)	630	90	ZX750 Ninja (89-90)	530	110	GN250 (82-85)	520	100
KZ1100GPZ (1981)	630	98	ZX750 Turbo (84-85)	630	98	GN250 (1988)	520	100
KZ1100GPZ (1982)	630	98	ZX750GPZ (83-84)	630	94	GN400 (80-81)	520	98
KZ200 (78-79)	520	98	ZX750N (00-01)	530	108	GN400 (1982)	520	98
KZ250 (80-81)	520	102	ZX750P (00-03)	530	108	GR650 Tempter (1983)	530	104
KZ305CSR CSR (81-82)	530	98	ZX7R (91-92)	530	108	GS1000 (78-79)	630	96
KZ400 (74-79)	530	100	ZX7R (93-95)	530	110	GS1000E (78-80)	630	96
KZ400 LTD (1979)	530	104	ZX900 (00-01)	530	112	GS1000L (1979)	630	96
KZ440 (80-81)	530	100	ZX900A1/A2 Ninja (84-86)	530	114	GS1000S (79-80)	630	96
KZ440 LTD (80-83)	530	104	ZX9R (94-96)	530	112	GS1000S Katana (1982)	630	96
KZ550 STD (80-83)	530	100	ZX9R (97-99)	530	110	GS1100E/ES (80-83)	630	96
KZ550 GPZ (1981)	530	100	ZX-9R Ninja (00-03)	530	110	GS1100L (1980)	630	96
KZ550 GPZ (82-83)	530	104	ZZR600 (03-04)	530	114	GS1100S Katana (1983)	630	96
KZ550 LTD (80-84)	530	100	ZZR1100 (00-01)	530	110	GS1150E/ES (84-86)	630	102
KZ650 SR/LTD (78-80)	530	102	ZZR1200 (02-04)	530	112	GS250T (80-81)	520	106
KZ650 CSR (81-83)	630	84	SUZUKI			GS300L (82-85)	520	108
KZ650B/C (77-79)	530	102	Model Style (Year)	Primary Chain Size	Pitch Length	GS400 (77-78)	530	104
KZ650F1 (1980)	530	102	DR100 (83-90)	428	112	GS425 (1979)	530	104
KZ700A1/A2 LTD (84-85)	630	88	DR125 (82-84)	428	122	GS450E (1983)	530	110
KZ750/2 LTD (1980)	530	106	DR125 (86-87)	428	134	GS450E/S (80-82)	530	104
KZ750/2 CSR (1982)	530	106	DR125 (1988)	428	134	GS450L (80-82)	530	102
KZ750/4 LTD (80-82)	630	84	DR125SE (94-96)	428	134	GS450L (1983)	530	102
KZ750/4 GPZ (1982)	630	88	DR200 (86-87)	520	112	GS450L (85-88)	530	108
KZ750/4 (1983)	630	88	DR200 (1988)	520	112	GS450T/TX (81-82)	530	104
KZ750/4E (80-82)	630	84	DR200SE (96-02)	520	112	GS450TX (1983)	530	108
KZ900 LTD (1976)	630	92	DR250 (82-85)	520	104	GS500E (88-02)	520	110
S2 350 (72-73)	530	102	DR250 (90-93)	520	112	GS550 (77-78)	530	108
VN800 DRIFTER (99-04)	530	112	DR250S (90-92)	520	112	GS550 (1979)	530	110
VN800A (95-03)	530	114	DR250S (93-95)	520	108	GS550E (78-79)	530	110
VN800B Vulcan Classic (96-04)	530	112	DR350 (90-93)	520	110	GS550E/ES (83-86)	530	112
Z1/KZ900 (73-75)	630	92	DR350 (94-96)	520	110	GS550L (1979)	530	110
Z1R (78-80)	630	92	DR350S (90-93)	520	108	GS550L (1980)	530	110
ZR1100 (92-95)	530	116	DR350S (94-96)	520	108	GS550L (81-82)	530	108
ZR1100 (99-00)	530	110	DR350SE (97-99)	520	108	GS550L (83-86)	530	112
ZR550 Zephyr (90-92)	520	108	DR370 (78-79)	520	100	GS550M (1982)	530	112
ZRX100 (2000)	530	116	DR400 (1980)	520	108	GS550T (1981)	530	110
ZRX1100R (99-00)	530	110	DR500 (81-83)	520	106	GS650E (81-82)	530	106
ZRX 1200 R (01-03)	530	110	DR650S (90-91)	520	114	GS700E/ES (1985)	530	114
ZX11 (00-01)	530	110	DR650S (92-93)	520	114	GS750/E (77-79)	630	96
ZX1100 GPZ (83-84)	630	100	DR650S (94-95)	520	114	GS750 (80-82)	630	96
ZX1100 Ninja (90-93)	530	110				GS750E/ES (1983)	530	112

SUZUKI (CONTINUED)			SUZUKI (CONTINUED)			SUZUKI (CONTINUED)		
Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length
GS750L (1979)	630	96	RM100 (1981)	428	132	KSP250 (82-85)	520	102
GS750L (80-81)	630	96	RM125 (1975)	428	126	SP370 (78-79)	520	100
GS750 Katana (1983)	630	96	RM125 (1976)	428	130	SP400 (1980)	520	100
GS750T (82-83)	630	96	RM125 (77-78)	428	132	SP500 (81-83)	520	106
GSF1200 Bandit (97-03)	530	114	RM125 (1979)	428	132	SP600 (1985)	520	108
GSF600 Bandit (96-03)	530	112	RM125 (1980)	520	108	SV1000S (2004)	530	108
GSF600S Bandit (00-03)	530	110	RM125 (81-82)	520	112	TS00 (70-75)	530	112
GSX1100 Katana (88-90)	532	118	RM125 (83-84)	520	114	TC100 (73-77)	428	124
GSX1300R Hayabusa (99-04)	530	112	RM125 (1985)	520	116	TC125 (71-77)	520	92
GSX600F Katana (88-91)	530	112	RM125 (1986)	520	114	TC185 (74-77)	520	94
GSX600F Katana (92-95)	520	112	RM125 (1987)	520	114	TL1000R (98-03)	530	108
GSX600F Katana (96-99)	520	112	RM125 (88-89)	520	114	TL1000S (97-01)	530	104
GSX600F Katana (00-03)	520	112	RM125 (90-91)	520	114	TM100 (74-75)	428	126
GSX750F Katana (89-03)	530	116	RM125 (92-95)	520	112	TM125 (73-74)	428	124
GSXR1000 (2004)	530	.....	RM125 (96-03)	520	114	TM125 (1975)	428	124
GSXR1100 (86-87)	532	114	RM250 (1976)	520	108	TS100 (73-77)	428	124
GSXR1100 (1988)	532	118	RM250 (77-78)	520	108	TS100 (1978)	428	114
GSXR1100 (1989)	532	122	RM250 (79-80)	520	108	TS100 (1979)	428	114
GSXR1100 (1990)	532	118	RM250 (1981)	520	114	TS100 (80-81)	428	116
GSXR1100 (91-92)	532	118	RM250 (1982)	520	114	TS125 (71-72)	428	118
GSXR1100 (93-94)	632	114	RM250 (83-85)	520	116	TS125 (1973)	428	118
GSXR1100 (95-98)	532	116	RM250 (86-87)	520	116	TS125 (1974)	428	118
GSXR600W (92-93)	530	108	RM250 (88-89)	520	116	TS125 (75-77)	428	124
GSXR750 (86-87)	530	110	RM250 (90-91)	520	114	TS125 (78-79)	428	114
GSXR750 (88-89)	530	108	RM250 (1992)	520	114	TS125 (80-81)	428	116
GSXR750 (1990)	530	108	RM250 (93-95)	520	116	TS185 (71-73)	520	102
GSXR750 (91-92)	530	108	RM250 (96-03)	520	112	TS185 (74-76)	520	102
GSXR750 (96-01)	530	110	RM370 (76-77)	520	108	TS185 (77-79)	520	102
GSXR740 F.I. (2001)	530	.....	RM400 (1978)	520	110	TS185 (80-81)	520	102
GSXR750W (1993)	530	108	RM400 (1979)	520	108	VL1500 Intruder 1500 LC (2004)	530	.....
GSXR750W (94-95)	530	108	RM400 (1980)	520	110	VS1400GLP Intruder 1400 (2004)	530	.....
GT185 (73-77)	520	102	RM465 (1982)	520	112	VZ800 Marauder (97-03)	530	116
GT380 (1972)	530	104	RM500 (1983)	520	116	VZ1600 Marauder 1600 (2004)	530	.....
GT380 (1973)	530	104	RM500 (1984)	520	112	XN85 Turbo (1983)	530	114
GT380 (74-77)	530	104	RM80 (1977)	428	130	YAMAHA		
GT500 (76-77)	530	110	RM80 (1978)	428	104	Model Style (Year)	Primary Chain Size	Pitch Length
GT550 (72-77)	530	108	RM80 (1979)	428	110	AT1/1M (70-71)	428	112
GT750 (72-74)	530	108	RM80 (80-81)	428	112	AT2/2M (1972)	428	112
GT750 (75-76)	530	106	RM80 (1982)	428	116	AT3/3MX (1973)	428	112
GT750 (1977)	530	104	RM80 (1983)	428	118	BW200 Big Wheel (85-88)	520	74
GZ250 (99-02)	520	110	RM80 (84-85)	428	114	BW350 Big Wheel (87-88)	520	76
JR50 (92-03)	428	78	RM80 (86-88)	428	120	CT175 (69-73)	428	112
PE175 (1978)	520	106	RM80 (89-90)	428	118	DT1/1B/1C (68-70)	520	102
PE175 (79-81)	520	106	RM80 (89-01)	428	118	DT1/1S/1CMX (68-70)	520	102
PE175 (82-84)	520	110	RM85 (02-03)	428	118	DT100 (74-75)	428	112
PE250 (77-78)	520	110	RMX250 (89-96)	520	114	DT100 (1976)	428	112
PE250 (79-80)	520	110	RS175 (80-82)	520	106	DT125 (74-75)	428	112
PE250 (1981)	520	110	RS250 (80-81)	520	110	DT125 (1976)	428	114
PE400 (80-81)	520	108	RV125 (73-74)	428	124	DT125 (1978)	428	118
RF600R (94-96)	530	108	RV125 (75-77)	520	102	DT125 (79-81)	428	118
RM100 (1976)	428	128	RV90 (73-77)	428	124	DT175 (74-75)	428	112
RM100 (1977)	428	132	SP100 (1983)	428	118	DT175 (1976)	428	112
RM100 (1978)	428	132	SP125 (82-83)	428	122	DT175 (78-79)	428	118
RM100 (1979)	428	132	SP125 (1986)	428	134	DT175 (80-81)	428	118
RM100 (1980)	428	132	SP125 (1988)	428	134	DT1E (1971)	520	100
			SP200 (86-88)	520	110	DT1E/MX (1971)	520	100

YAMAHA (CONTINUED)			YAMAHA (CONTINUED)			YAMAHA (CONTINUED)		
Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length	Model Style (Year)	Primary Chain Size	Pitch Length
DT2 (1972)	520	102	RD400 (1979)	530	96	KWR500 (92-93)	520	118
DT250 (74-75)	520	104	RS100 (75-76)	428	102	XJ550 Maxim (81-83)	530	104
DT250 (76-79)	520	104	RT1 (70-71)	520	102	XJ550R Seca (1981)	530	104
DT3 (1973)	520	102	RT180 (90-98)	428	112	XJ550R Seca (82-83)	530	104
DT360 (1974)	520	104	RT1MX (70-71)	520	110	XJ600 (00-01)	520	110
DT400 (75-76)	520	104	RT2 (1972)	520	102	XJ600S Seca II (92-98)	520	110
DT400 (1977)	520	102	RT3 (1973)	520	102	XJR1300 (00-01)	530	110
DT400 (1978)	520	102	RZ350 (84-85)	520	106	XS1/2 (70-72)	530	98
FJ1100 (84-85)	530	110	SC500 (73-74)	520	104	XS360 (76-77)	530	100
FJ1200 (86-87)	530	110	SR125 (00-01)	428	120	XS400 (1977)	530	96
FJ1200 (89-91)	530	110	SR185 (81-82)	428	118	XS400 (78-79)	530	102
FJ1200 (92-93)	530	110	SR250/T (80-82)	520	102	XS400 Maxim (82-83)	530	100
FJ600 (84-85)	530	106	SR500 (78-79)	530	104	XS400/S (80-81)	530	102
FZ1N Fazer (01-04)	530	116	SR500 (80-81)	530	104	XS4002E (1978)	530	96
FZ600 (86-88)	530	104	SR500 (2000)	520	104	XS4002F (1979)	530	102
FZ700 (1987)	530	112	SRX250 (1987)	520	103	XS400R Seca (82-83)	530	102
FZ750 (85-88)	530	110	SRX600 (1986)	520	104	XS500 (1975)	530	108
FZR400 (88-90)	428	130	TDR125 (00-01)	428	136	XS500 (76-78)	530	106
FZR600 (88-90)	530	106	TT225 (86-87)	428	124	XS650 (1975)	530	104
FZR600R (1991)	530	106	TT250 (1980)	520	102	XS650 (76-80)	530	104
FZR600R (92-99)	530	106	TT250 (81-82)	520	100	XS650 (1981)	530	104
FZR750R (87-88)	530	108	TT350 (86-87)	520	108	XS650-2 (1979)	530	104
FZS600 Fazer/SP Fazer (00-01)	530	110	TT500 (1976)	520	104	XS650S Heritage (78-83)	530	104
FZX700 Fazer (86-87)	530	108	TT500 (77-81)	520	104	XT125 (82-83)	428	120
IT125 (80-81)	520	100	TT600 (83-84)	520	112	XT200 (82-83)	428	118
IT175 (77-79)	520	96	TT600 (1985)	520	112	XT225 Serow (92-02)	428	120
IT175 (80-81)	520	100	TT600 (1986)	520	112	XT250 (80-83)	520	98
IT175 (1982)	520	100	TTR125 (00-03)	428	.....	XT250 (1984)	520	106
IT175 (1983)	520	104	TTR125E (2003)	428	.....	XT350 (85-01)	428	130
IT200 (84-85)	520	106	TTR125L (00-03)	428	122	XT500 (76-79)	520	100
IT200 (1986)	520	106	TTR125LE (2003)	428	.....	XT500 (80-81)	520	100
IT250 (1977)	520	104	TTR225 (99-03)	428	.....	XT550 (82-83)	520	98
IT250 (1978)	520	104	TTR250 (99-03)	520	110	XT600 (84-89)	520	104
IT250 (1979)	520	102	TW125 (00-01)	428	122	XT600 (90-95)	520	106
IT250 (1980)	520	102	TW200 Trailway (87-89)	428	122	XV125 Virago (00-01)	520	114
IT250 (81-82)	520	108	TW200 (90-91)	428	126	XV250 Route 66 (88-90; 95-96)	520	114
IT250 (1983)	520	110	TW200 (92-03)	428	126	XV250 Virago (99-03)	520	114
IT400 (1976)	520	104	TX500 (73-74)	530	108	XV920 Seca (81-82)	630	90
IT400 (77-78)	520	106	TX650 (73-75)	530	108	XVS125 Drag Star (00-01)	428	146
IT400 (1979)	520	102	TX750 (73-74)	530	106	YX600 Radian (86-90)	530	104
IT425 (1980)	520	102	TY175 (1975)	428	114	YZ100 (76-77)	520	90
IT465 (81-82)	520	108	TY175 (76-79)	428	114	YZ100 (78-79)	520	98
IT490 (83-84)	520	110	TY250 (74-78)	520	98	YZ100 (80-81)	520	100
MX100 (74-75)	428	110	TY350 (1985)	520	96	YZ100 (82-83)	520	106
MX175 (74-81)	428	118	TY350 (1986)	520	92	YZ125 (74-75)	428	112
MX250 (73-75)	520	106	TZR125RR (2000)	428	.....	YZ125 (1976)	520	98
MX360 (73-74)	520	110	WR200 (91-93)	520	106	YZ125 (77-79)	520	104
MX400 (1974)	520	106	WR250 (91-97)	520	116	YZ125 (1980)	520	102
RD125 (1975)	428	110	WR250 (1989)	520	116	YZ125 (1981)	520	104
RD125 (1976)	428	110	WR250 (1990)	520	116	YZ125 (1982)	520	104
RD200 (74-75)	428	108	WR250F (01-02)	520	116	YZ125 (1983)	520	106
RD200 (1976)	428	108	WR250F (2003)	520	.....	YZ125 (1984)	520	106
RD250 (73-75)	530	92	WR400F (98-00)	520	114	YZ125 (1985)	520	114
RD350 (73-75)	530	92	WR426F (01-02)	520	114	YZ125 (86-88)	520	112
RD400 (76-78)	530	96	WR450F (2003)	520	114	YZ125 (1989)	520	112

YAMAHA (CONTINUED)

Model Style (Year)	Primary Chain Size	Pitch Length
YZ125 (90-92)	520	116
YZ125 (93-01)	520	114
YZ125 (02-03)	520	112
YZ175 (1976)	520	96
YZ250 (1974)	520	106
YZ250 (1975)	520	106
YZ250 (1976)	520	106
YZ250 (1977)	520	108
YZ250 (78-79)	520	108
YZ250 (1980)	520	106
YZ250 (1981)	520	110
YZ250 (1982)	520	110
YZ250 (1983)	520	112
YZ250 (1984)	520	112
YZ250 (1985)	520	114
YZ250 (1986)	520	114
YZ250 (1987)	520	114
YZ250 (1988)	520	114
YZ250 (89-90)	520	116
YZ250 (1991)	520	116
YZ250 (1992)	520	116
YZ250 (1993)	520	116
YZ250 (94-97)	520	114
YZ250 (98-03)	520	116
YZ360 (74-75)	520	104
YZ400 (77-78)	520	106
YZ400 (1979)	520	108
YZ400F (98-00)	520	114
YZ426F (01-02)	520	114
YZ450F (2003)	520	114
YZ465 (1980)	520	102
YZ465 (1981)	520	108
YZ490 (1982)	520	110
YZ490 (83-85)	520	112
YZ490 (86-90)	520	112
YZ80 (1978)	428	106
YZ80 (1979)	428	108
YZ80 (1980)	428	108
YZ80 (1981)	428	108
YZ80 (1982)	428	108
YZ80 (1983)	428	110
YZ80 (84-85)	428	114
YZ80 (86-92)	428	112
YZ80 (93-01)	428	118
YZ80 (02-03)	428	118
YZF1000R (1997)	530	.....
YZF1000R R1 (98-01)	530	114
YZF1000R I.E. R1 (00-03)	520	110
YZF250F (01-03)	530	116
YZF600R (94-99)	530	108
YZF600R (99-03)	530	108
YZF-R1 (00-03)	530	114
YZF-R1 (2004)	530	116
YZF-R6 (2003)	530	116
YZF-R7 (00-01)	530	118

ATV CHAIN APPLICATION

BOMBARDIER

Model Style (Year)	Primary Chain Size	Pitch Length
DS650 (00-02)	530	108

HONDA

Model Style (Year)	Primary Chain Size	Pitch Length
ATC185 (80)	520	90
ATC185S (81-83)	520	82
ATC200/E (81-82)	520	90
ATC200S (84-86)	520	84
ATC200X (83-85)	520	88
ATC200X (86-87)	520	86
ATC250R (81-82)	520	84
ATC250R (83-84)	520	90
ATC250R (85-86)	520	96
ATC350X (85)	520	96
ATC350X (86)	520	88
TRX200 (90-91)	520	88
TRX200D (91-97)	520	88
TRX200X (86-88)	520	90
TRX250X (87-92)	520	86
TRX250R (86-89)	520	96
TRX300EX (93-06)	520	86
TRX400EX (99-02)	520	92
TRX400EX (03-05)	520	94
TRX450R (04-05)	520	94

KAWASAKI

Model Style (Year)	Primary Chain Size	Pitch Length
KEF300A/B Lakota (95-03)	520	100
KSF80 KFX (03-06)	520	36
KSF250 Mojave (87-04)	520	90
KXF400 A KFX (03-06)	520	112
KXF250 Tecate (87-88)	520	96
KXT250 (83-85)	520	98
KXT250 (86-87)	520	94

POLARIS

Model Style (Year)	Primary Chain Size	Pitch Length
250 TRAIL BLAZER (99)	520	88
250 TRAIL BLAZER (00)	520	76
250 TRAIL BLAZER (01-04)	520	78
250 TRAIL BLAZER (05)	520	76
250 TRAIL BOSS (95-99)	520	88
250 XPLODER 4x4 (00-02)	520	80
300 XPLODER 4x4 (97-99)	520	86
300 XPRESS (96-99)	520	86
325 TRAIL BOSS 2x4 (00)	520	80
325 TRAIL BOSS 2x4 (01-03)	520	78
330 TRAIL BOSS 2x4 (03-05)	520	78
400 TRAIL BLAZER (03)	520	76
400 SCRAMBLER 2x4 (00-01)	520	78
400 SCRAMBLER 2x4 (02)	520	76
400 SCRAMBLER 4x4 (99-02)	520	76
400 XPLODER 4x4 (99-02)	520	78
500 SCRAMBLER 2x4 (01-02)	520	76
500 SCRAMBLER 4x4 (98-06)	520	76
500 SPORTSMAN 6x6 (00-04)	520	116

SUZUKI

Model Style (Year)	Primary Chain Size	Pitch Length
LT80 Quad Sport (89-06)	520	36
LT-F160 Quad Runner (91-01)	520	84
LT-Z400 Quad Sport Z (03-06)	520	112

YAMAHA

Model Style (Year)	Primary Chain Size	Pitch Length
YFA125 Breeze (89-04)	520	112
YFS200 Blaster (88-06)	520	92
YFZ350 Banshee (89-06 all)	520	104
YFM350 Wolverine (00-04)	520	98
YFM350X Warrior (89-04)	520	98
YFZ450 (04-05 all)	520	114
YFM660R Raptor (01-05 all)	520	98
660R Raptor (01-02)	520	92

Catalog Contents: We believe the contents and specifications provided in this catalog are correct but assume no liability for any errors in listing, specifications, part numbers, or model applications.

POWERSPORTS CHAIN

CHAIN DESCRIPTIONS AND DIMENSIONS

Diamond's Powersports chains are designed to meet the individual needs of the powersports enthusiast for ATVs, go-karts, motorcycles and snowmobiles. Multi-Service chains, Duralube® chains and RING LEADER® O-ring chains each offer specific functional advantages for your street, farm, track or trail applications.

MULTI-SERVICE chains – though referred to as standard chain – are anything but. Multi-Service chains offer Diamond's superior manufacturing parts processing technology which includes material selection, precise component fabrication, exacting heat treatment, and assembly techniques.

DURALUBE® chains eliminate "hit or miss" lubrication. This chain is constructed using a one-piece powdered metal bushing/roller combination which has lubricant drawn in under vacuum. In service, this lubricant is released and provides supplemental lubrication to the pin/bushing joint between regularly scheduled maintenance.

RING LEADER® O-ring chains are top of the line chains offering allowable working loads that provide extra load carrying capability and up to four times the service life of regular chains. O-ring lubrication system seals in lubricant and seals out foreign contaminants. Appearance options on some models include:

Powersports chains are also available with a bronze or nickel plating.

Dimensions in Inches

Diamond Number	Plating	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	Weight Per Foot	Average Tensile Strength
35MS	....	3/8	3/16	.200*	.141	.050	.56	.50	....	.210	2000
35MS BR	Brass	3/8	3/16	.200*	.141	.050	.56	.50	....	.210	2000
35-2MS	....	3/8	3/16	.200*	.141	.050	.96	.90	0.399	.450	4200
35-3**	....	3/8	3/16	.200*	.141	.050	1.36	1.31	0.399	.770	6300
41MS	....	1/2	1/4	.306	.141	.050	.65	.57	....	.260	2400
40DL	....	1/2	5/16	.312	.156	.060	.72	.67	....	.400	3300
40MS	....	1/2	5/16	.312	.156	.060	.72	.67	....	.410	4000
428MS	....	1/2	5/16	.335	.174	.060	.72	.67	....	.430	4200
428-2	....	1/2	5/16	.335	.174	.060	1.29	1.24	0.566	.880	8400
520MS	....	5/8	1/4	.400	.200	.080	.77	.71	....	.590	6600
520H	Brass	5/8	1/4	.400	.214	.094	.80	.74	....	.820	9300
520XLO	....	5/8	1/4	.400	.214	.094	.89	.83	....	.850	9300
520XLO NI	Nickel	5/8	1/4	.400	.214	.094	.89	.83	....	.860	9300
520XLO BP	Brass	5/8	1/4	.400	.214	.094	.89	.83	....	.860	9300
530MS	....	5/8	3/8	.400	.200	.080	.89	.83	....	.680	6600
530ENP	Nickel	5/8	3/8	.400	.200	.080	.89	.83	....	.690	6600
530BP	Brass	5/8	3/8	.400	.200	.080	.89	.83	....	.680	6600
530DL	....	5/8	3/8	.400	.200	.086	.89	.83	....	.650	6600
530XLO	....	5/8	3/8	.400	.214	.094	1.02	.96	....	.930	9300
530XLO BP	Brass	5/8	3/8	.400	.214	.094	1.02	.96	....	.930	9300
630MS	....	3/4	3/8	.469	.234	.094	.98	.91	....	.910	8500
630BP	Brass	3/4	3/8	.469	.234	.094	.98	.91	....	.910	8500

* These chains are rollerless – dimension shown is bushing diameter.

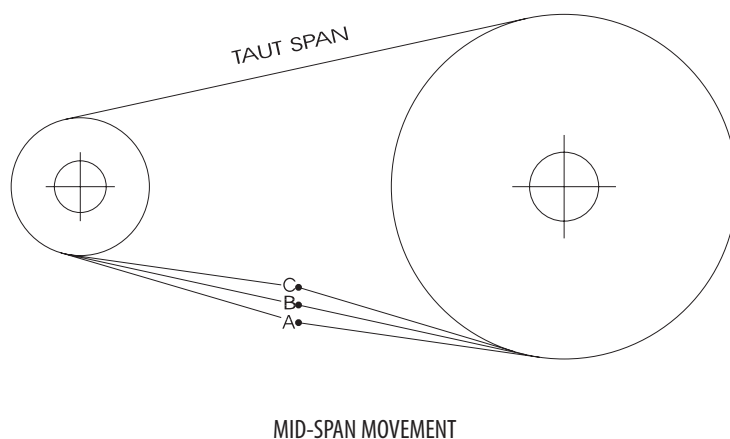
**Chain uses oval contour side plates and is supplied riveted endless.

Maintenance and Lubrication

Diamond exercises rigid controls and surveillance throughout production to ensure uniformity of all component parts. Of course, no matter how superior a roller chain, its full potential will not be realized if it is not properly installed and maintained.

Tensioning

If the chain is too tight or too loose, service life will suffer. A chain that is too tight creates unnecessary wear. A chain that is too slack can easily top the sprocket teeth and quickly cause a failure. Consult powersports equipment manufacturer's manual for proper tensioning and mid-span movement.



Cleaning and Re-lubrication

Perhaps the largest contributor to shortened chain life is inadequate lubrication. All working parts of a chain should be lubricated uniformly. The use of the highest viscosity oil that allows for flow between the link plates and coats pin-bushing areas will normally provide the greatest wear resistance. Clean and lubricate chain periodically as riding situations warrant.

Lubrication

Roller chain consists of a series of connecting traveling metallic bearings, which must be properly lubricated to obtain the maximum service life of the chain. Although many slow speed drives operate successfully with little or no lubrication beyond the initial factory lubrication, proper lubrication will greatly extend the useful life of every chain drive. The chain drive requires lubrication for six purposes:

1. To resist wear of the pin-bushing joint.
2. To cushion impact loads.
3. To dissipate any heat generated.
4. To flush away foreign materials.
5. To lubricate chain-sprocket contact surfaces.
6. To retard rust or corrosion.

A good grade of clean petroleum oil without additives, free flowing at the prevailing temperatures, should be used. Some additives leave a varnish or gum deposit which prevents the oil from entering chain joints. Heavy oils and greases are generally too stiff to enter the chain joints and should not be used.

With proper lubrication, a separating wedge of lubrication is formed between the pins and bushings in the chain joints much like that formed in journal bearings. The viscosity of the lubricant greatly affects its film strength, and its ability to separate moving parts. The highest viscosity oil which will flow between the chain linkplates and fill the pin-bushing areas will provide the best wear life. This is essential to minimize metal to metal contact and, if supplied in sufficient volume, the lubricant also provides effective cooling and impact dampening at higher speeds.

NOTES

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