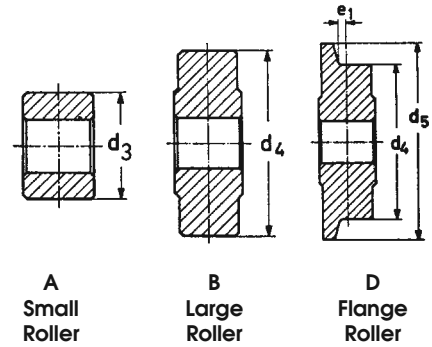
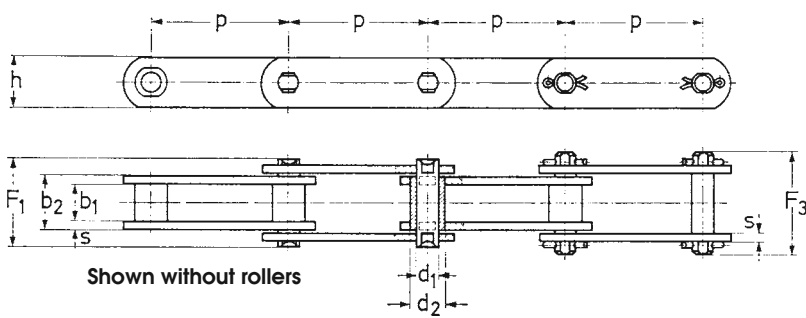


Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitches	b ₁ min.	b ₂ max.	d ₁	d ₂	d ₃ A	d ₄ B	d ₄ /d ₅ D	e ₁	F ₁	F ₃	h	s	f cm ²	F _B N
602	M 20	40•50•63•80 100•125•160	16	22	6	9	12.5	25	25/30	4	31.2	36.2	18	2.5	1.32	20,000
603	M 28	50•63•80•100 125•160•200	18	25	7	10	15	30	30/36	4.5	35.2	40.2	20	3	1.75	28,000
604	M 40	63•80•100•125 160•200•250	20	28	8.5	12.5	18	36	36/42	4.5	40.2	47.2	25	3.5	2.38	40,000
606	M 56	63•80•100•125 160•200•250	24	33	10	15	21	42	42/50	6	47.2	56.2	30	4	3.30	56,000
608	M 80	80•100•125•160 200•250•315	28	39	12	18	25	50	50/60	7	55.2	64.2	35	5	4.68	80,000
611	M 112	80•100•125•160 200•250•315•400	32	45	15	21	30	60	60/70	7.5	64.2	75.2	40	6	6.75	112,000
616	M 160	100•125•160•200 250•315•400•500	37	52	18	25	36	70	70/85	8.5	73.3	88.3	50	7	9.36	160,000
622	M 224	125•160•200•250 315•400•500•630	43	60	21	30	42	85	85/100	10	86.3	99.3	60	8	12.60	224,000
632	M 315	160•200•250 315•400•500•630	48	70	25	36	50	100	100/120	10.5	100.3	120.3	70	10	17.50	315,000
645	M 450	200•250•315 400•500•630•800	56	82	30	42	60	120	120/140	11.5	117.3	141.3	80	12	24.60	450,000
663	M 630	250•315•400 500•630•800•1000	66	96	36	50	70	140	140/170	14.5	136.3	159.3	100	14	34.56	630,000
690	M 900	250•315•400 500•630•800•1000	78	112	44	60	85	170	170/210	17	157.3	179.3	120	16	49.28	900,000

F_B = Breaking Load • f = Bearing Area

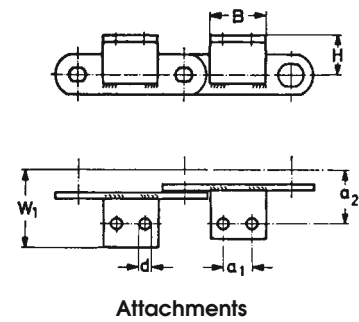
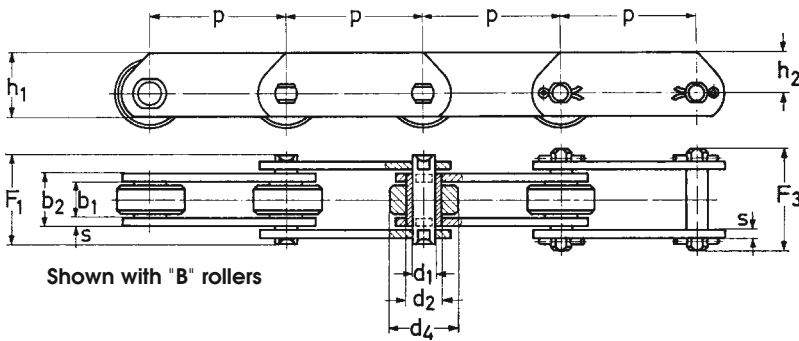
Example Part Numbers:

603-50-30X5M
Chain Number = 603
Pitch = 50mm
Roller Diameter = 30mm
Length = 5M

608-100-50FLX10FT
Chain Number = 608
Pitch = 100mm
Roller Diameter = 50mm Flange Roller
Length = 10 Feet

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Deep Link Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitch	α_1	α_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Weight
												no roller	A	B	D	
602	MT 20	40	0 ¹	27	14	6.6	25	16	16	42	BSP	1.08	1.44	2.61	2.81	0.02
		50	0 ¹		14						BSP	1.01	1.29	2.23	2.39	0.02
		63	20		35						25x20x3	0.99	1.23	2.00	2.13	0.04
		80	35		50							0.90	1.07	1.67	1.77	0.06
		100	50		65							0.86	1.00	1.47	1.55	0.07
		125	50		65							0.82	0.95	1.32	1.38	0.07
		160	50		65							0.80	0.89	1.19	1.24	0.07
603	MT 28	50	0 ¹	32	20	9	30	20	20	50	BSP	1.54	1.82	3.32	3.52	0.02
		63	0 ¹		20						BSP	1.42	1.64	2.84	3.00	0.02
		80	25		45						20x30x3	1.32	1.50	2.44	2.57	0.05
		100	40		60							1.24	1.38	2.13	2.23	0.07
		125	65		85							1.18	1.30	1.90	1.98	0.10
		160	65		85							1.13	1.22	1.69	1.75	0.10
		200	65		85							1.10	1.17	1.54	1.59	0.10
604	MT 40	63	0 ¹	35	20	9	35	22.5	25	56	BSP	2.24	2.57	4.47	4.70	0.03
		80	20		40						30x30x3	1.98	2.25	3.75	3.95	0.06
		100	40		60							1.91	2.12	3.32	3.47	0.08
		125	65		85							1.81	1.98	2.93	3.06	0.15
		160	65		85							1.71	1.85	2.60	2.71	0.15
		200	65		85							1.64	1.75	2.35	2.42	0.15
		250	65		85							1.60	1.68	2.16	2.23	0.15
606	MT 56	63	0 ¹	44	22	11	45	30	30	70	BSP	3.32	3.83	6.93	7.26	0.05
		80	0 ¹		22						BSP	3.01	3.41	5.86	6.20	0.05
		100	25		50						40x40x4	2.79	3.11	5.07	5.34	0.12
		125	50		75							2.60	2.87	4.43	4.65	0.18
		160	85		110							2.44	2.64	3.87	4.04	0.27
		200	85		110							2.34	2.50	3.49	3.63	0.27
		250	85		110							2.25	2.37	3.16	3.27	0.27
608	MT 80	80	0 ¹	48	22	11	50	32.5	35	80	BSP	4.65	5.29	9.35	9.95	0.05
		100	0 ¹		22						BSP	4.27	4.79	8.03	8.50	0.05
		125	50		75						40x40x4	3.97	4.38	6.98	7.35	0.18
		160	85		110							3.70	4.03	6.05	6.35	0.27
		200	125		150							3.51	3.77	5.39	5.63	0.36
		250	125		150							3.37	3.57	4.87	5.06	0.36
		315	125		150							3.24	3.41	4.43	4.58	0.36

0¹ = only one hole

BSP = Bent Side Plate (attachment and side plate stamped from one piece)

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977

Deep Link Solid Bearing Pin Chain

Chain No.	ISO No.	P Pitch	α_1	α_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Weight
												no roller	A	B	D	
611	MT 112	80	0 ¹	55	28	14	60	40	40	92	50x50x6	6.75	7.88	14.6	15.3	0.13
		100	0 ¹		28							6.15	7.06	12.4	13.0	0.13
		125	35		65							5.69	6.42	10.7	11.2	0.30
		160	65		95							5.26	5.83	9.15	9.54	0.44
		200	100		130							4.97	5.43	8.09	8.38	0.59
		250	100		130							4.74	5.10	7.22	7.47	0.59
		315	100		130							4.53	4.82	6.52	6.70	0.59
		400	100		130							4.38	4.61	5.94	6.08	0.59
616	MT 160	100	0 ¹	62	30	14	70	45	45	100	50x50x6	9.70	11.2	19.5	20.4	0.14
		125	0 ¹		30							8.85	10.1	16.7	17.5	0.14
		160	50		80							8.15	9.12	14.3	14.9	0.37
		200	85		115							7.56	8.33	12.5	13.0	0.53
		250	145		175							7.22	7.82	11.1	11.5	0.80
		315	145		175							6.88	7.38	9.95	10.3	0.80
		400	145		175							6.57	6.95	9.00	9.25	0.80
		500	145		175							6.36	6.68	8.35	8.52	0.80
622	MT 224	125	0 ¹	70	35	18	90	60	55	114	60x60x8	13.1	14.9	26.6	27.8	0.25
		160	0 ¹		35							11.9	13.3	22.4	23.4	0.25
		200	65		100							11.1	12.2	19.5	20.3	0.71
		250	125		160							10.3	11.2	17.1	17.7	1.13
		315	190		225							9.78	10.5	15.1	15.7	1.60
		400	190		225							9.30	9.86	13.5	13.9	1.60
		500	190		225							8.97	9.40	12.3	12.6	1.60
		630	190		225							8.67	9.02	11.3	11.6	1.60
632	MT 315	160	0 ¹	80	35	18	100	65	65	125	70x70x9	18.3	20.5	34.4	36.1	0.27
		200	50		85							16.7	18.6	29.6	31.0	0.66
		250	100		135							15.6	17.1	25.9	27.1	1.04
		315	155		190							14.6	15.8	22.9	23.7	1.46
		400	155		190							13.9	14.8	20.3	21.2	1.46
		500	155		190							13.3	14.1	18.5	19.1	1.46
		630	155		190							12.8	13.4	16.9	17.4	1.46
645	MT 450	200	0 ¹	90	40	18	120	80	75	140	70x70x9	24.2	27.5	46.0	47.8	0.37
		250	85		125							22.4	25.0	39.8	41.4	1.17
		315	155		195							20.9	22.9	34.7	36.0	1.82
		400	240		280							19.7	21.3	30.6	31.5	2.62
		500	240		280							18.7	20.1	27.5	28.2	2.62
		630	240		280							18.0	19.0	24.9	25.5	2.62
		800	240		280							17.4	18.2	22.8	23.3	2.62
663	MT 630	250	0 ¹	115	50	24	140	90	90	190		34.8	39.6	62.8	65.7	0.89
		315	100		150							32.2	35.4	54.3	56.5	2.67
		400	190		240							30.3	32.7	47.8	49.5	4.27
		500	300		350							28.4	30.4	42.4	43.8	6.22
		630	300		350							27.1	28.7	38.3	39.3	6.22
		800	300		350							26.0	27.2	34.7	35.6	6.22
		1000	300		350							25.2	26.2	32.2	32.9	6.22
690	MT 900	250	0 ¹	140	60	30	180	120	110	240		51.2	58.0	100	106	1.59
		315	65		125							47.0	52.3	85.7	90.2	3.32
		400	155		215							43.5	47.7	74.0	77.4	5.70
		500	240		300							40.8	44.2	65.3	68.1	7.95
		630	240		300							38.8	41.4	58.1	60.4	7.95
		800	240		300							36.9	39.0	52.2	51.7	7.95
		1000	240		300							35.5	37.2	47.7	49.1	7.95

0¹ = only one hole

Example Part Number:

604-80-36 DLX5M

Chain Number = 604

Pitch = 80mm

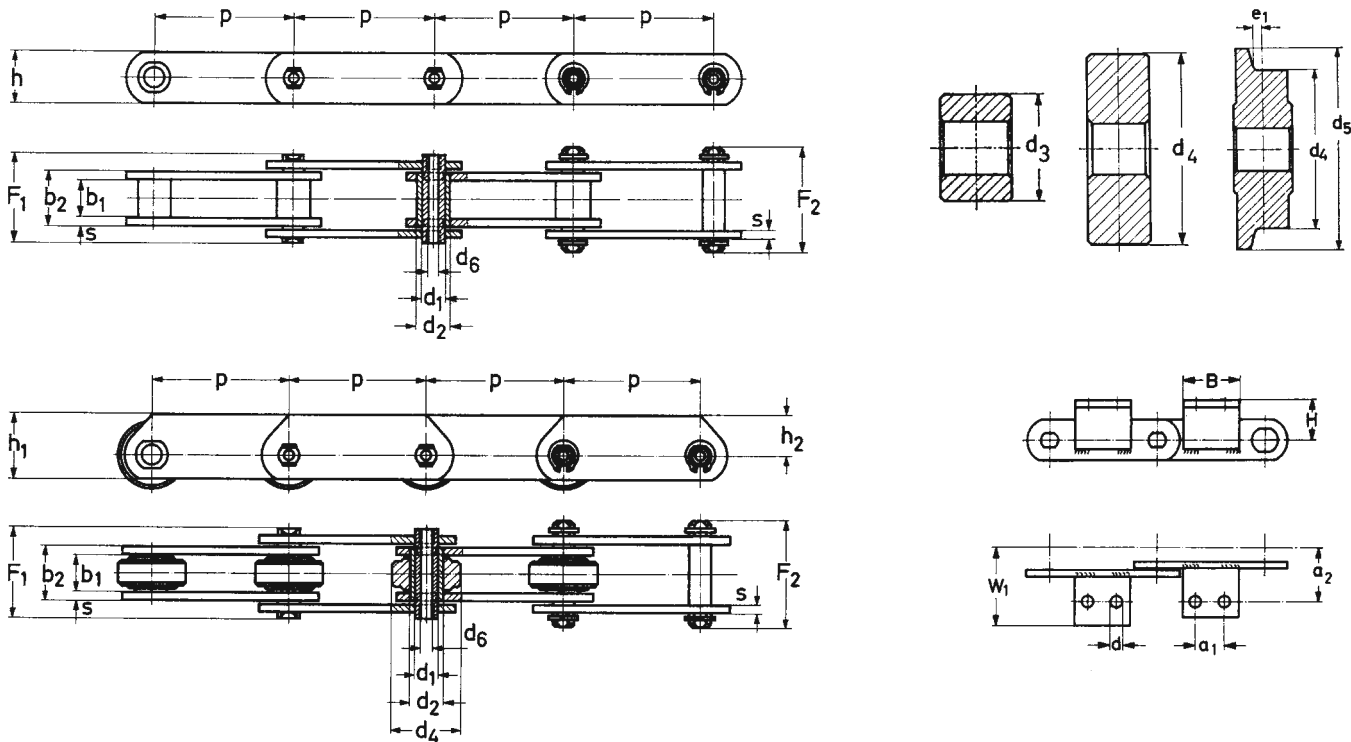
Roller Diameter = 36mm

Deep Link Type = DL

Length = 5M

Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977



Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitches	b ₁ min.	b ₂ max.	d ₁	d ₂	d ₃ A	d ₄ B	d ₄ /d ₅ D	d ₆	e ₁	F ₁	F ₂	h	s	f cm ²	F _B N
803	MC 28	63•80 100•125•160	20	28	13	17.5	25	36	36/42	8.2	4.5	40.6	40.6	25	3.5	3.64	28,000
806	MC 56	80•100•125 160•200•250	24	33	15.5	21	30	50	50/60	10.2	6.0	46.6	46.6	35	4	5.11	56,000
811	MC 112	100•125•160 200•250•315	32	45	22	29	42	70	70/85	14.3	7.5	63.8	63.8	50	6	9.9	112,000
822	MC224	160•200•250 315•400•500	43	60	31	41	60	100	100/120	20.3	10	82.9	82.9	70	8	18.6	224,000

Example Part Number: 806-100-30

Deep Link Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a ₁	a ₂	B max.	d max.	h ₁	h ₂	H	W ₁	Angle Profile	Weight kg/m (as per roller type)				Attach. Weight
												no roller	A	B	D	
803	MC 28	63	0'	35	20	9	35	22.5	25	56	BSP	2.6	3.8	5.0	5.2	0.03
		80	20		40						30x30x3	2.4	3.3	4.3	4.4	0.06
		100	40		60							2.2	2.9	3.7	3.8	0.09
		125	65		85							2.0	2.6	3.2	3.3	0.12
		160	65		85							1.9	2.3	2.8	2.9	0.12
806	MC 56	80	0'	44	25	11	50	32.5	35	76	BSP	3.5	4.9	5.7	6.0	0.06
		100	0'		25						BSP	3.3	4.4	5.0	5.2	0.06
		125	50		75						40x40x4	3.1	4.0	4.5	4.6	0.18
		160	85		110							2.9	3.6	4.0	4.1	0.27
		200	125		150							2.7	3.3	3.6	3.7	0.36
		250	125		150							2.6	3.1	3.3	3.4	0.36

0' = only one hole

BSP = Bent Side Plate (attachment and side plate stamped from one piece)

Example Part Number: 806-100-30M



American Metric® Corporation

Group: 005

1-005 - 070718

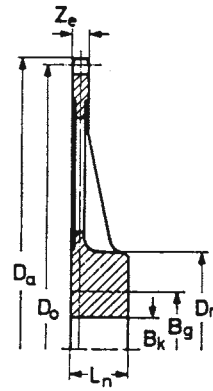
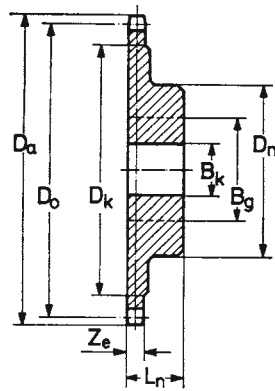
Metric Conveyor Chain

DIN 8167(solid roller) & DIN 8168(hollow roller) - ISO 1977

Deep Link Hollow Bearing Pin Chain

Chain No.	ISO No.	P Pitch	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Weight
												no roller	A	B	D	
811	MC 112	100	0 ¹	55	30	14	70	45	45	96	50x50x6	8.5	9.9	12.9	13.5	0.13
		125	0 ¹		30							7.6	8.9	11.3	11.7	0.13
		160	50		80							6.9	8.0	9.9	10.2	0.36
		200	85		115							6.5	7.3	8.8	9.1	0.51
		250	145		175							6.1	6.8	8.0	8.2	0.78
		315	145		175							5.3	5.8	6.8	6.9	0.78
822	MC 224	160	0 ¹	70	35	18	100	65	65	110	60x60x8	13.6	16.4	27	28.7	0.25
		200	50		85							12.6	13.5	22.0	23.4	0.60
		250	100		135							11.9	12.5	19.4	20.5	0.96
		315	155		190							11.2	11.8	17.4	18.0	1.35
		400	155		190											
		500	155		190											

0¹ = only one hole



Chain Wheels

ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth	ISO No.	P Pitch	Teeth
M20	40	10	M40	80	8	M56	63	16	M112	160	10	M224	160	8	M315	160	12
		16			10			24			12			10			8
		24			16			40			8			12			10
		40			24			8			10			8			12
	50	10		100	8		80	10		200	10		200	10		200	10
		16			10			16			12			12			8
		24			12			24			8			8			8
		40			8			8			16			10			12
	63	10		125	10		100	10		80	10		250	10		125	10
		16			12			12			24			12			8
		24			8			8			8			8			12
		40			10			16			10			10			8
M28	80	8		63	10		125	10		100	10		160	10		200	10
		10			16			8			12			12			8
		16			24			10			8			8			12
		24			40			12			10			10			8
	100	8		80	8		160	10		125	10		250	10		250	10
		10			16			12			12			10			8
		16			24			8			8			8			12
		24			8			10			10			10			8
	M28	50		100	8		80	10		200	10		160	10		200	10
		16			12			16			12			12			8
		24			16			8			8			8			12
		40			8			10			10			10			8
M315	63	10		125	10		100	12		100	10		200	10		200	10
		16			12			16			12			10			8
		24			8			8			8			8			12
		40			10			10			10			10			8
	M28	50		160	8		125	10		125	10		200	10		200	10
		16			10			12			10			10			8
		24			12			8			8			8			12
		40			8			10			8			8			8