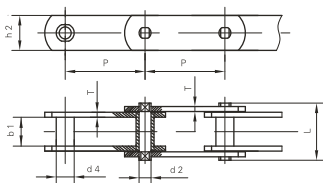


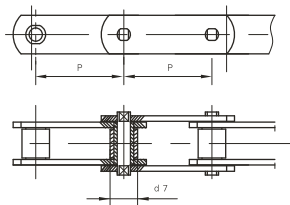


Conveyor chains (M series)

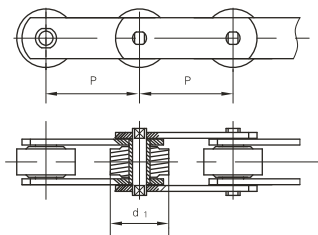
without rollers



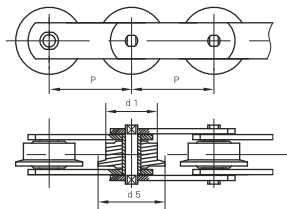
with S small rollers type



with P large rollers type



with F flanged rollers type





Conveyor chains (M series)

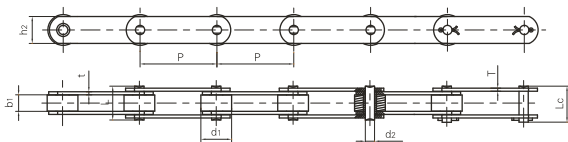
ISO Chain No.	Pitch								Roller diameter			Bush diameter
	P								d1 max	d7 max	d5 max	d4 max
	mm								mm	mm	mm	mm
M20	*40.0	50.0	63.0	80.0	100.0	125.0	160.0		25.0	12.50	32.00	9.0
M28	*50.0	63.0	80.0	100.0	125.0	160.0	200.0		30.0	15.00	36.00	10.0
M40	63.0	80.0	100.0	125.0	160.0	200.0	250.0		36.0	18.00	42.00	12.5
M56	*63.0	80.0	100.0	125.0	160.0	200.0	250.0		42.0	21.00	50.00	15.0
M80	80.0	100.0	125.0	160.0	200.0	250.0	315.0		50.0	25.00	60.00	18.0
M112	*80.0	100.0	125.0	160.0	200.0	250.0	315.0	400.0	60.0	30.00	70.00	21.0
M160	*100.0	125.0	160.0	200.0	250.0	315.0	400.0	500.0	70.0	36.00	85.00	25.0
M224	*125.0	160.0	200.0	250.0	315.0	400.0	500.0	630.0	85.0	42.00	100.00	30.0
M315	*160.0	200.0	250.0	315.0	400.0	500.0	630.0		100.0	50.00	120.00	36.0
M450	200.0	250.0	315.0	400.0	500.0	630.0	800.0		120.0	60.00	140.00	42.0

ISO Chain No.	Width between inner plates	Pin diameter	Pin length	Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength
	b1 min	d2 max	L max	h2 max	T max	Q min	Q0
	mm	mm	mm	mm	mm	kN/LB	kN
M20	16.0	6.0	35.0	19.0	2.5	20.0/4545	25.0
M28	18.0	7.0	40.0	21.0	3.0	28.0/6364	35.0
M40	20.0	8.5	45.0	26.0	3.5	40.0/9091	50.0
M56	24.0	10.0	52.0	31.0	4.0	56.0/12727	70.0
M80	28.0	12.0	62.0	36.0	5.0	80.0/18182	100.0
M112	32.0	15.0	73.0	41.0	6.0	112.0/25454	140.0
M160	37.0	18.0	85.0	51.0	7.0	160.0/36364	200.0
M224	43.0	21.0	98.0	62.0	8.0	224.0/50909	280.0
M315	48.0	25.0	112.0	72.0	10.0	315.0/71591	393.7
M450	56.0	30.0	135.0	82.0	12.0	450.0/102272	562.5

Chain has bush and small roller only



Conveyor chains (M series)

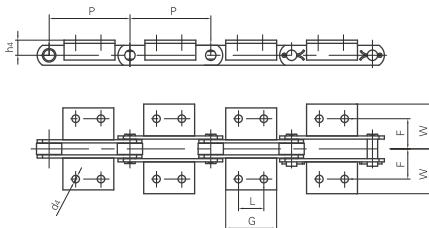


Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
M18F1-P-50	50.00	25.00	11.50	5.72	26.0	28.2	18.0	2.5	18.0/4050	20.0	1.81
M22-P-50	50.00	25.00	11.50	8.00	28.0	30.9	20.0	3.0	22.0/4950	24.2	2.64
M22F1-P-50	50.00	25.00	12.00	10.00	29.4	32.6	20.0	3.0	22.0/4950	24.2	2.30
M35F2-S-35	35.00	14.00	14.00	7.00	31.0	34.0	18.0	3.5/2.5	35.0/7874	39.0	1.82
M35F2-P-35	35.00	22.00	14.00	7.00	31.0	34.0	18.0	3.5/2.5	35.0/7874	39.0	2.47
*M35F3-B-35	35.00	14.00	14.00	6.00	30.2	33.0	18.0	3.0	35.0/7874	39.0	1.73
M35F4-C-69	69.00	25.00	12.00	7.00	27.5	30.0	19.0	2.5	35.0/7874	39.0	1.60
M35F5-P-50.8	50.80	25.00	16.00	7.00	33.0	36.0	20.0	3.0	35.0/7874	39.0	2.48
M40-PF1-100	100.00	36.00	20.00	8.50	40.5	44.5	25.0	3.5	40.0/9000	44.0	3.28
M40F4-P-50	50.00	31.75	15.00	10.00	36.6	39.0	25.0	4.0	40.0/9000	44.0	4.00
M40F5-S-65	65.00	24.00	15.00	10.00	36.6	39.0	30.0	4.0	40.0/9000	44.0	4.86
M40F6-P-80	80.00	36.00	20.00	8.50	41.0	44.2	25.0	4.0	40.0/9000	44.0	3.68
M56F14-S-63	63.00	21.00	24.00	10.00	46.0	49.5	30.0	4.0	56.0/12600	61.6	3.81
M56F14-S-80	80.00	21.00	24.00	10.00	46.0	49.5	30.0	4.0	56.0/12600	61.6	3.27
M56F14-P-100	100.00	42.00	24.00	10.00	46.0	49.5	30.0	4.0	56.0/12600	61.6	5.00
M75-P-75	75.00	40.00	22.00	12.00	44.0	47.0	35.0	4.0	75.0/16870	75.0	5.88
M80F3-P-125	125.00	50.00	28.00	11.00	55.0	58.5	35.0	5.0	80.0/18000	88.0	6.72
M80F4-A-100	100.00	25.00	28.00	12.00	55.0	58.5	35.0	5.0	80.0/18000	88.0	4.63
M80F6-P-75	75.00	35.00	14.00	12.00	40.5	45.0	30.0	5.0	80.0/18000	88.0	4.80
*M80F8-B-100	100.00	18.00	28.00	12.00	55.0	58.5	35.0	5.0	80.0/18000	88.0	4.14
*M80F8-B-80	80.00	18.00	28.00	12.00	55.0	58.5	35.0	5.0	80.0/18000	88.0	4.48
M100-P-80	80.00	47.50	31.40	15.90	71.2	76.0	40.0	8.0	100.0/22727	110.0	12.36
M112F2-P-125	125.00	55.00	50.00	16.00	87.1	91.6	40.0	7.2	112.0/25200	123.2	13.35
M112F8-S-100	100.00	30.0	31.00	15.00	63.5	68.0	40.0	6.0	112.0/25200	123.2	7.14
M160F1-P-100	100.00	36.00	36.00	18.00	76.0	80.0	40.0	7.0	160.0/36364	176.0	9.42
M224F3-P-160	160.00	80.00	30.00	21.00	81.0		60.0	8.0	224.0/50909	246.0	17.34
*M315F6-B-160	160.00	42.00	80.00	25.00	140.0	140.0	80.0	12.0	315.0/70862	346.5	27.30

Bushing chain: d1 in the table indicate the external diameter of the bushing.



Conveyor chain with attachments (M series)

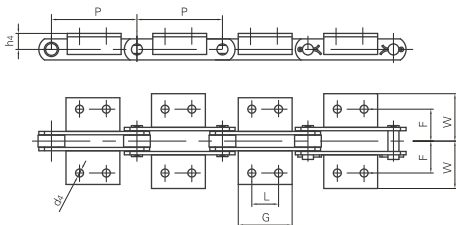


ISO Chain No.	P	L	G	d ₄	F	W	h ₄
	mm	mm	mm	mm	mm	mm	mm
M20	40.0	△	14.0	6.6	27.0	40.0	16.0
	50.0	△	14.0				
	63.0	20.0	35.0				
	80.0	35.0	50.0				
M28	50.0	△	20.0	9.0	32.0	47.0	20.0
	63.0	△	20.0				
	80.0	25.0	45.0				
	100.0	40.0	60.0				
M40	63.0	△	31.0	9.0	35.0	50.0	25.0
	80.0	20.0	45.0				
	100.0	40.0	60.0				
	125.0	65.0	85.0				
M56	63.0	△	22.0	11.0	44.0	61.0	30.0
	80.0	△	30.0				
	100.0	25.0	50.0				
	125.0	50.0	75.0				
M80	160.0	85.0	110.0	11.0	48.0	65.0	35.0
	200.0	125.0	150.0				
	80.0	△	30.0				
	100.0	25.0	50.0				

△ Attachments with 1 hole



Conveyor chain with attachments (M series)

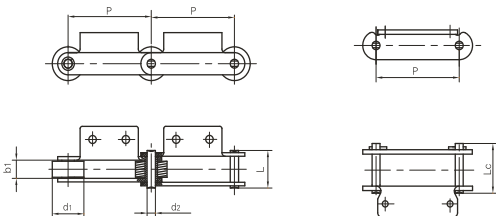


ISO Chain No.	P	L	G	d ₄	F	W	h ₄
	mm	mm	mm	mm	mm	mm	mm
M112	80.0	△	28.0	14.0	55.0	80.0	40.0
	100.0	△	40.0				
	125.0	35.0	65.0				
	160.0	65.0	95.0				
	200.0	100.0	130.0				
M160	100.0	△	30.0	14.0	62.0	85.0	45.0
	125.0	25.0	50.0				
	160.0	50.0	80.0				
	200.0	85.0	115.0				
	250.0	145.0	175.0				
M224	125.0	△	35.0	18.0	70.0	110.0	55.0
	160.0	△	60.0				
	200.0	65.0	100.0				
	250.0	125.0	160.0				
	315.0	190.0	230.0				
M315	160.0	△	35.0	18.0	80.0	115.0	65.0
	200.0	50.0	85.0				
	250.0	100.0	140.0				
	315.0	155.0	190.0				
	400.0	155.0	205.0				

△ Attachments with 1 hole



Conveyor chain with attachments (M series)

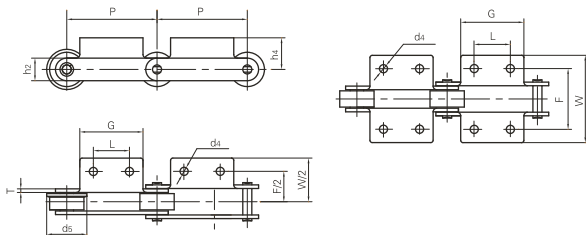


Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter		Pin length		Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	Q min	Q0	q	
	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m	
M18F1A1-P-50	50.00	25.00	11.50	5.72	26.0	28.2	18.0/4050	20.0	2.46	
M18F2A1.02-P-50	50.00	25.00	11.50	5.72	28.0	30.2	18.0/4050	20.0	2.18	
M18F4A1.02-S-50	50.00	15.00	12.00	6.00	24.0	26.5	18.0/4050	20.0	1.20	
M28F1A2-P-80	80.00	29.40	18.00	7.00	35.4	38.7	28.0/6300	31.0	2.60	
M28F3A2-P-63	63.00	30.00	17.00	7.00	37.3	40.3	35.0/7874	39.0	3.48	
M28F3A2-F-100	100.00	30.00	17.00	7.00	37.3	40.3	35.0/7874	39.0	3.46	
M32A1.02-P-50	50.00	31.00	15.00	10.00	33.0	35.5	32.0/7200	35.2	4.09	
M32A1F1-P-50	50.00	31.00	15.00	10.00	33.0	35.5	32.0/7200	35.2	3.96	
M35F4A1.01-C-69	69.00	25.00	12.00	7.00	27.5	30.0	35.0/7874	39.0	2.26	
M40FA1.02-P-50	50.00	31.00	15.00	10.00	36.6	39.0	75.0/16872	82.5	4.52	
M40FK2F1-P-50	50.00	31.00	15.00	10.00	36.6	39.0	40.0/9000	44.0	4.94	
M40F10-F-76.2	76.20	31.50	15.00	14.00	38.0	42.0	40.0/9000	44.0	4.16	
M80K1F1-P-100	100.00	50.00	28.00	12.00	55.0	58.5	80.0/18000	88.0	9.10	
*M80K2F1-B-100	100.00	18.00	28.00	12.00	55.0	58.5	80.0/18000	88.0	5.94	
*M80F5K1-B-100	100.00	18.00	28.00	12.00	55.0	58.5	80.0/18000	88.0	5.45	
M112K2F1-S-125	125.00	30.00	32.00	16.00	64.5	69.0	112.0/25200	123.2	7.35	
M112F3-F-200	200.00	60.00	37.00	16.00	69.0	74.0	112.0/25200	123.2	11.00	
M112F5K2-P-100	100.00	36.00	37.00	16.00	69.0	74.0	112.0/25200	123.2	8.28	
M160F1K2-P-100	100.00	36.00	36.00	18.00	76.0	80.0	160.0/35993	176.0	10.80	
*M160F2-B-100	100.00	25.00	37.00	18.00	73.3	83.0	222.0/49940	244.2	11.36	
M160F3K1F1-P-101.6	101.60	66.70	26.00	26.90	58.0	78.5	156.0/35093	171.6	17.37	
M160F12K2-S-100	100.00	36.00	38.00	14.00	76.0		100.0/22496	110.0	9.33	
M224F6A2-P-160	160.00	85.00	42.00	21.00	87.5	92.5	224.0/51982	246.5	27.56	

Bushing chain: d1 in the table indicate the external diameter of the bushing.

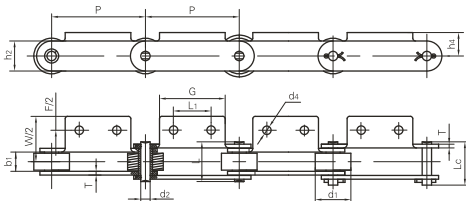


Conveyor chain with attachments (M series)



Vision Chain No.	P	L	G	F	W	h4	h2	d4	T	ds
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
M18F1A1-P-50	50.00	△	46.0	44.0	72.0	24.0	18.0	6.5	2.50	
M18F2A1.02-P-50	50.00	△	41.0	48.0	68.0	25.0	15.0	6.5	3.00	
M18F4A1.02-S-50	50.00	△	30.0	50.0	83.0	20.0	15.0	8.0	2.03	
M28F1A2-P-80	80.00	25.00	45.8	66.0	91.6	11.8	20.5	8.8	3.25	
M28F3A2-P-63	63.00	20.00	50.0	64.0	92.0	20.0	20.0	9.0	4.00	
M28F3A2-F-100	100.00	40.00	76.0	64.0	100.0	20.0	20.0	9.0	4.00	40.0
M32A1.02-P-50	50.00	△	60.0	62.0	97.0	35.0	23.0	10.0	3.00	
M32A1F1-P-50	50.00	△	30.0	62.0	92.0	28.0	23.0	10.0	3.00	
M35F4A1.01-C-69	69.00	△	60.0	50.0	74.0	25.5	19.0	7.0	2.50	
M40FA1.02-P-50	50.00	△	60.0	70.0	98.0	17.5	25.0	10.0	4.00	
M40F.K2F1-P-50	50.00	30.00	60.0	67.5	100.0	17.0	25.0	9.0	4.00	
M40F10-F-76.2	76.20	22.20	38.3	76.2	106.5	19.0	26.0	9.4	4.00	40.0
M80K1F1-P-100	100.00	△	30.0	96.0	138.0	35.0	35.0	11.0	5.00	
M112K2F1-S-125	125.00	80.00	110.0	85.8	115.8	35.0	40.0	13.0	6.00	
M112F3-F-200	200.00	90.00	20.0	102.0	137.5	40.0	45.0	11.0	6.00	75.0
M112F5K2-P-100	100.00	35.00	65.0	98.5	140.0	40.0	40.0	14.0	6.00	
M160F1K2-P-100	100.00	40.00	80.0	124.0	183.0	35.0	40.0	14.0	7.00	
*M160F2-B-100	100.00	△	110.0	125.0	155.0	45.0	50.0	17.0	7.00	
M160F3K1F1-P-101.6	101.60	△	56.0	175.0	204.0	38.0	51.0	11.0	7.10/5.10	
M160F12K2-S-100	100.00	30.00	70.0	100.0	120.0	35.0	40.0	13.0	5.60	

△ Attachments with 1 hole

**Conveyor chain with attachments (M series)**

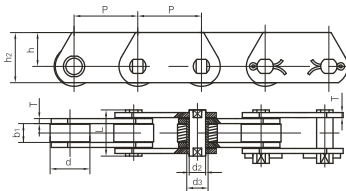
Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	Lc max	Q min	Q ₀	q
	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
M40F1-P-125	125.0	36.0	38.0	14.27	75.6		40.0/9091	44.0	10.18
M56F1-P-100	100.0	38.0	20.5	10.00	42.3	46.1	56.0/12727	61.0	4.63
M56F2-P-100	100.0	42.0	22.5	10.00	44.6	48.5	56.0/12727	61.0	5.67
M56F3-P-100	100.0	38.0	20.5	10.00	42.3	46.1	56.0/12727	61.0	4.72
M56F8-P-100	100.0	38.0	17.0	10.00	38.8	42.6	56.0/12727	61.0	3.79
M56A2-P-125	125.0	42.0	24.0	10.00	46.0	49.5	56.0/12727	61.0	5.24
M75-P100	100.0	38.0	18.9	9.53	40.4	44.7	75.0/17045	83.0	4.85
M75-P100F1	100.0	38.0	18.9	9.53	38.4	42.7	75.0/17045	83.0	4.01
M75-P100F3	100.0	28.5	23.9	11.10	46.3	50.3	75.0/17045	83.0	4.53
M75F4-P-100	100.0	38.0	18.9	9.53	40.4	44.7	75.0/17045	83.0	4.62

Vision Chain No.	P	L ₁	G	F	W	h ₄	h ₂	d ₄	T
	mm	mm	mm	mm	mm	mm	mm	mm	mm
M40F1-P-125	125.0	50.0	90.0	100.0	140.0	36.0	50.0	13.0	6.0
M56F1-P-100	100.0	40.0	70.0	67.5	96.6	35.0	25.0	9.0	4.0
M56F2-P-100	100.0	29.7	50.0	124.0	148.0	21.5	32.0	7.0	4.0
M56F3-P-100	100.0	50.0	70.0	71.0	101.0	35.0	25.0	9.0	4.0
M56F8-P-100	100.0	△	70.0	63.8	95.0	25.0	25.0	8.2	4.0
M56A2-P-125	125.0	50.0	75.0	88.0	128.0	30.0	30.0	11.0	4.0
M75-P100	100.0	40.0	70.0	64.0	112.0	24.9	26.0	9.0	4.0
M75-P100F1	100.0	40.0	70.0	64.0	112.0	24.4	26.0	9.0	3.5
M75-P100F3	100.0	50.0	70.0	75.7	96.7	35.0	26.0	9.7	4.0
M75F4-P-100	100.0	40.0	70.0	90.0	112.4	24.9	26.0	8.5	4.0

△Attachments with 1 hole



Conveyor chains (MT series)



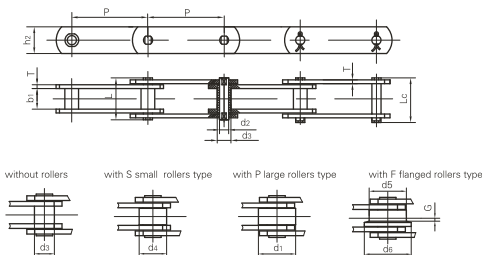
DIN	Pitch					Roller diameter	Pin diameter	Bush diameter	Plate thickness
DIN Chain No.	P					d1 max	d2 max	d3 max	T max
	mm					mm	mm	mm	mm
MT20	40.0	50.0	63.0	80.0	100.0	25.0	6.0	9.0	2.5
MT28	50.0	63.0	80.0	100.0	125.0	30.0	7.0	10.0	3.0
MT40	63.0	80.0	100.0	125.0	160.0	36.0	8.5	12.5	3.5
MT56	63.0	80.0	100.0	125.0	160.0	42.0	10.0	15.0	4.0
MT80	80.0	100.0	125.0	160.0	200.0	50.0	12.0	18.0	5.0
MT112	80.0	100.0	125.0	160.0	200.0	60.0	15.0	21.0	6.0
MT160	100.0	125.0	160.0	200.0	250.0	70.0	18.0	25.0	7.0
MT224	125.0	160.0	200.0	250.0	315.0	85.0	21.0	30.0	8.0
MT315	160.0	200.0	250.0	315.0	400.0	100.0	25.0	36.0	10.0
MT450	200.0	250.0	315.0	400.0	500.0	120.0	30.0	42.0	12.0

DIN	Width between inner plates	Pin length	Plate depth		Ultimate tensile strength	
DIN Chain No.	b1 min mm	L max mm	h2 max mm	h max mm	Q min kN/LB	*Q min kN/LB
MT20	16.0	35.0	25.0	16.0	20.0/4545	32.0/7270
MT28	18.0	40.0	30.0	20.0	28.0/6364	42.0/9545
MT40	20.0	45.0	35.0	22.5	40.0/9091	60.0/13635
MT56	24.0	52.0	45.0	30.0	56.0/12727	85.0/19318
MT80	28.0	62.0	50.0	32.5	80.0/18182	125.0/28408
MT112	32.0	73.0	60.0	40.0	112.0/25454	175.0/39768
MT160	37.0	85.0	70.0	45.0	160.0/36364	260.0/59090
MT224	43.0	98.0	90.0	60.0	224.0/50909	340.0/77272
MT315	48.0	112.0	100.0	65.0	315.0/71591	520.0/118180
MT450	56.0	135.0	120.0	80.0	450.0/102272	700.0/159089

*Q Higher breaking load with hardened plates



Conveyor chains (FV series)



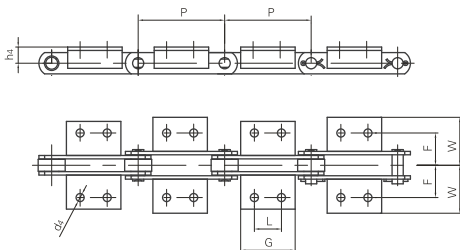
DIN Chain No.	Pitch							Roller dimension					Bush diameter
	P							d1 max	d4 max	d5 max	d6 max	G	d3 max
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
FV40	50.0	63.0	80.0	100.0	125.0			32.0	20.0	40.0	50.0	4.0	15.0
FV63	63.0	80.0	100.0	125.0	160.0			40.0	26.0	50.0	63.0	5.0	18.0
FV90	63.0	80.0	100.0	125.0	160.0	200.0	250.0	48.0	30.0	63.0	78.0	6.5	20.0
FV112	100.0	125.0	160.0	200.0	250.0			55.0	32.0	72.0	90.0	7.5	22.0
FV140	100.0	125.0	160.0	200.0	250.0			60.0	36.0	80.0	100.0	9.0	26.0
FV180	125.0	160.0	200.0	250.0	315.0			70.0	42.0	100.0	125.0	13.0	30.0
FV250	160.0	200.0	250.0	315.0	400.0			80.0	50.0	125.0	155.0	15.0	36.0
FV315	160.0	200.0	250.0	315.0	400.0			90.0	60.0	140.0	175.0	18.0	42.0

DIN Chain No.	Width between inner plates	pin diameter	Pin length		Plate depth	Plate thickness	Ultimate tensile strength	
	b1 min	d2 max	L min	Lc max	h2 max	T max	Q min	*Q min
	mm	mm	mm	mm	mm	mm	kN/LB	kN/LB
FV40	18.0	10.0	36.0	39.0	25.0	3.0	40.0/9091	47.0/10681
FV63	22.0	12.0	45.0	48.5	30.0	4.0	63.0/14317	75.0/17045
FV90	25.0	14.0	53.0	56.5	35.0	5.0	90.0/20453	115.0/26136
FV112	30.0	16.0	62.0	66.0	40.0	6.0	112.0/25452	170.0/38636
FV140	35.0	18.0	67.0	71.5	45.0	6.0	140.0/31815	180.0/40908
FV180	45.0	20.0	86.0	92.0	50.0	8.0	180.0/40908	250.0/56817
FV250	55.0	26.0	97.0	103.5	60.0	8.0	250.0/56817	300.0/68181
FV315	65.0	30.0	113.0	126.5	70.0	10.0	315.0/71591	480.0/109089

*Q Higher breaking load with hardened plates



Conveyor chain with attachments(FV series)

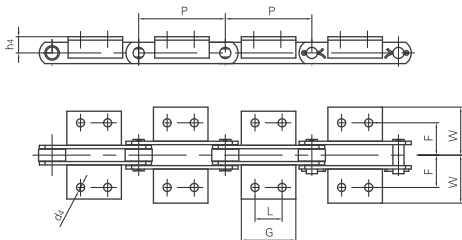


DIN DIN Chain No.	P mm	L mm	G mm	d4 mm	F mm	W mm	h4 mm
FV40	50.0	◇	45.0	6.5	25.0	40.5	20.0
	63.0	◇	31.0				
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	30.0	60.0				
FV63	63.0	◇	40.0	8.4	34.0	50.0	30.0
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	40.0	60.0				
	160.0	50.0	70.0				
FV90	63.0	◇	30.0	8.4	40.0	64.0	35.0
	80.0	25.0	45.0				
	100.0	30.0	50.0				
	125.0	40.0	60.0				
	160.0	50.0	70.0				
	200.0	60.0	80.0				
	250.0	65.0	85.0				
FV112	100.0	30.0	50.0	11.0	50.0	70.0	40.0
	125.0	40.0	65.0				
	160.0	50.0	75.0				
	200.0	65.0	90.0				
	250.0	80.0	105.0				

◇ Attachments with 1 hole



Conveyor chain with attachments(FV series)

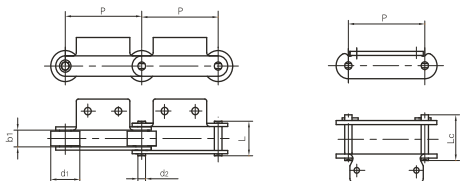


DIN DIN Chain No.	P	L	G	d ₄	F	W	h ₄
	mm	mm	mm	mm	mm	mm	mm
FV140	100.0	30.0	55.0	11.0	50.0	81.0	45.0
	125.0	40.0	65.0				
	160.0	50.0	75.0				
	200.0	65.0	90.0				
	250.0	80.0	105.0				
FV180	125.0	35.0	63.0	13.0	64.0	91.0	45.0
	160.0	50.0	80.0				
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
FV250	160.0	50.0	80.0	14.0	69.0	106.0	55.0
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
	400.0	100.0	130.0				
FV315	160.0	△	50.0	14.0	85.0	130.0	60.0
	200.0	65.0	95.0				
	250.0	80.0	110.0				
	315.0	100.0	130.0				
	400.0	100.0	130.0				

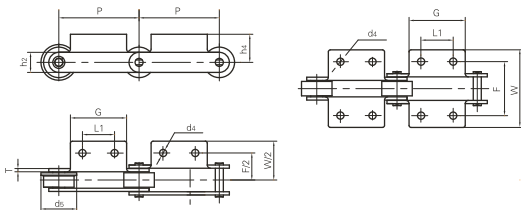
△Attachments with 1 hole



Conveyor chain with attachments(FV series)



Vision Chain No.	Pitch	Roller diameter	Width between inner plates		Pin diameter		Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
FV90A2F1-P-85	85.00	50.00	25.00	14.00	52.0	56.5	90.0/20250	100.0	10.15
FV90A2F1-P-100	100.00	50.00	25.00	14.00	52.0	56.5	90.0/20250	100.0	8.74
FV112F1A1-P-100	100.00	55.00	30.00	16.00	71.0	76.5	180.0/40492	200.0	14.30
FV112F1A1-P-80	80.00	55.00	30.00	16.00	71.0	76.5	180.0/40492	200.0	16.60

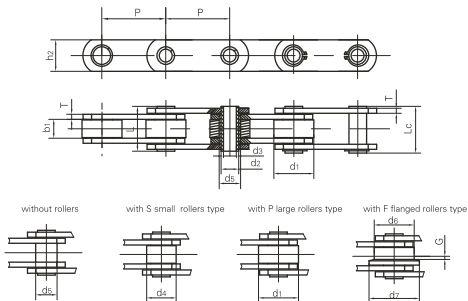


Vision Chain No.	P	L1	G	F	W	h4	h2	d4	T
	mm	mm	mm	mm	mm	mm	mm	mm	mm
FV90A2F1-P-85	85.00	40.00	60.00	80.0	109.2	40.0	35.0	9.5	5.00
FV90A2F1-P-100	100.00	40.00	60.00	80.0	109.2	40.0	35.0	9.5	5.00
FV112F1A1-P-100	100.00	△	50.00	120.0	164.0	50.0	40.0	15.0	8.00
FV112F1A1-P-80	80.00	△	50.00	120.0	164.0	50.0	40.0	15.0	8.00

△Attachments with 1 hole



Hollow pin conveyor chains (FVC series)

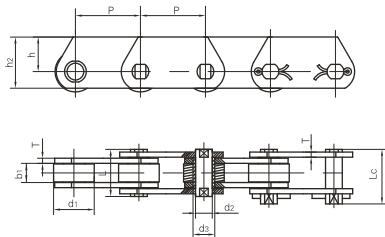


DIN Chain No.	Pitch							Roller dimension				
	P							d1	d4	d5	d7	G
	mm	mm	mm	mm	mm	mm	mm	max mm	max mm	max mm	max mm	mm
FVC63	63.0	80.0	100.0	125.0	160.0			40.0	26.0	50.0	63.0	5.0
FVC90	63.0	80.0	100.0	125.0	160.0	200.0	250.0	48.0	30.0	63.0	78.0	6.5
FVC112	100.0	125.0	160.0	200.0	250.0			55.0	32.0	72.0	90.0	7.5
FVC140	100.0	125.0	160.0	200.0	250.0			60.0	36.0	80.0	100.0	9.0
FVC180	125.0	160.0	200.0	250.0	315.0			70.0	42.0	100.0	125.0	13.0
FVC250	160.0	200.0	250.0	315.0	400.0			80.0	50.0	125.0	155.0	15.0
FVC315	160.0	200.0	250.0	315.0	400.0			90.0	60.0	140.0	175.0	18.0

DIN	Width between inner plates	Pin diameter		Bush diameter	Pin length		Plate thickness	Plate depth	Ultimate tensile strength
DIN Chain No.	b1 min mm	d2 max mm	d3 min mm	d5 max mm	L max mm	Lc max mm	T max mm	h2 max mm	Q min kN/LB
FVC63	22.0	12.0	8.0	18.0	45.0	50.5	4.0	30.0	46.0/10454
FVC90	25.0	14.0	10.0	20.0	53.0	56.5	5.0	35.0	73.0/16590
FVC112	30.0	16.0	11.0	22.0	62.0	63.0	6.0	40.0	90.0/20454
FVC140	35.0	18.0	12.0	26.0	67.0	68.5	6.0	45.0	110.0/25000
FVC180	45.0	20.0	14.0	30.0	86.0	88.0	8.0	50.0	145.0/32954
FVC250	55.0	26.0	18.0	36.0	97.0	103.5	8.0	60.0	215.0/48863
FVC315	65.0	30.0	20.0	42.0	117.0	121.5	10.0	70.0	295.0/67044



Conveyor chains (FVT series)



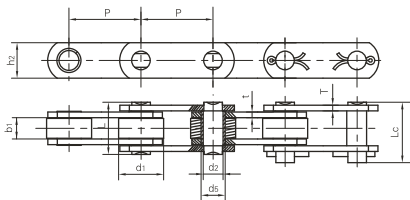
DIN Chain No.	Pitch								Roller diameter	Pin diameter	Bush diameter	Plate thickness
	P								d1	d2	d3	T
	mm								max mm	max mm	max mm	max mm
FVT40	50.0	63.0	80.0	100.0	125.0				32.0	10.0	15.0	3.0
FVT63	63.0	80.0	100.0	125.0	160.0				40.0	12.0	18.0	4.0
FVT90	63.0	80.0	100.0	125.0	160.0	200.0	250.0		48.0	14.0	20.0	5.0
FVT112	100.0	125.0	160.0	200.0	250.0				55.0	16.0	22.0	6.0
FVT140	100.0	125.0	160.0	200.0	250.0				60.0	18.0	25.0	6.0
FVT180	125.0	160.0	200.0	250.0	315.0				70.0	20.0	30.0	8.0
FVT250	160.0	200.0	250.0	315.0					80.0	26.0	36.0	8.0
FVT315	160.0	200.0	250.0	315.0	400.0				90.0	30.0	42.0	10.0

DIN Chain No.	Width between inner plates	Pin length		Plate depth		Ultimate tensile strength	
	b1	L	Lc	h2	h	Q	*Q
	min mm	max mm	max mm	max mm	max mm	min kN/LB	min kN/LB
FVT40	18.0	36.0	39.0	35.0	22.5	40.0/9091	47.0/10681
FVT63	22.0	45.0	48.5	40.0	25.0	63.0/14317	75.0/17045
FVT90	25.0	53.0	56.5	45.0	27.5	90.0/20453	115.0/26136
FVT112	30.0	62.0	66.0	50.0	30.0	112.0/25452	170.0/38636
FVT140	35.0	67.0	71.5	60.0	37.5	140.0/31815	180.0/40908
FVT180	45.0	86.0	92.0	70.0	45.0	180.0/40908	250.0/56817
FVT250	55.0	97.0	103.5	80.0	50.0	250.0/56817	300.0/68181
FVT315	65.0	113.0	126.5	90.0	55.0	315.0/71591	480.0/109089

*Q Higher breaking load with hardened plates



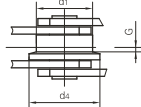
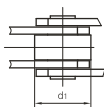
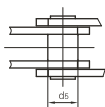
Conveyor chains (Z series)



without rollers

with P large rollers type

with F flanged rollers type



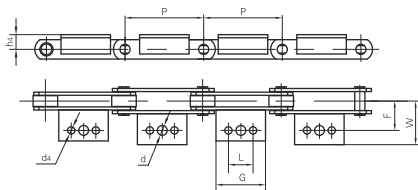
Vision Chain No.	Pitch							Roller dimension			Bush diameter
	P							d1 max	d4 max	G	d5 max
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
Z40	50.8	63.5	76.2	88.9	101.6	127.0	152.4	31.75	40.0	2.5	17.0
Z100	76.2	88.9	101.6	127.0	152.4	177.8	203.2	47.50	60.0	3.5	23.0
Z160	101.6	127.0	152.4	177.8	203.2	228.6	254.0	66.70	82.0	3.5	33.0
Z300	152.4	177.8	203.2	254.0	304.8			88.90	114.0	8.5	38.0

Vision Chain No.	Width between inner plates	Pin diameter	Plate depth	Pin length		Plate thickness	Breaking load	
	b1 min	d2 max	h2 min	L max	Lc max	t/T max	Q min	*Q min
	mm	mm	mm	mm	mm	mm	kN/LB	kN/LB
Z40	15.0	14.0	25.0	37.0	40.5	4.0	40.0/9091	50.0/11362
Z100	19.0	19.0	40.0	45.0	50.5	5.0/4.0	100.0/22725	130.0/29540
Z160	26.0	26.9	50.0	58.0	63.5	7.0/5.0	156.0/35451	200.0/45454
Z300	38.0	32.0	60.0	84.0	94.0	10.0/8.0	300.0/68175	380.0/86362

*Q Higher breaking load with hardened plates



Conveyor chain with attachments (Z series)



Vision Chain No.		P	L	G	d	d ₄	F	W	h ₄
		mm	mm	mm	mm	mm	mm	mm	mm
Z40	△	50.8	—	45.0	10.7	9.3	38.1	64.5	19.0
	△ ☆	63.5	22.2	43.0				56.0	
	△ ☆	76.2		43.0				68.0	
	▲	88.9	31.8	50.0				56.0	
	▲	101.6		64.0				55.0	
	▲	127.0	57.2	84.0				56.0	
	▲	152.4		84.0				56.0	
Z100	△	76.2	—	30.0	14.0	10.5	44.5	65.0	32.0
	△	88.9	31.8	64.0					
	▲	101.6		84.0					
	△ ☆	127.0	57.2	84.0					
	▲	152.4		114.5					
	△ ☆	177.8	80.0	110.0					
	△ ☆	203.2		110.0					
Z160	△	101.6	—	35.0	15.5	12.3	54.0	77.0	38.0
	△ ☆	127.0	31.7	56.0					
	△ ☆	152.4		84.0					
	△ ☆	177.8	57.2	84.0					
	△ ☆	203.2		130.0					
	△ ☆	228.6	100.0	150.0					
	△ ☆	254.0		170.0					
Z300	△	152.4	38.1	70.0	17.0	14.0	73.0	100.0	51.0
	△	177.8		70.0					
	△ ☆	203.2	76.2	100.0					
	△ ☆	254.0		152.4					
	△ ☆	304.8	190.0	225.0					

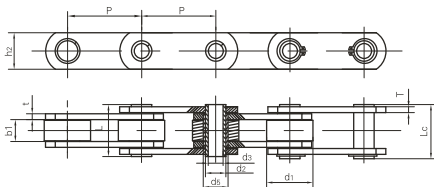
△ attachments with 1 hole

☆ attachments with 2 holes

▲ attachments with 3 holes



Hollow pin conveyor chains (ZC series)



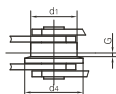
without rollers



With P large rollers type



with F flanged rollers type



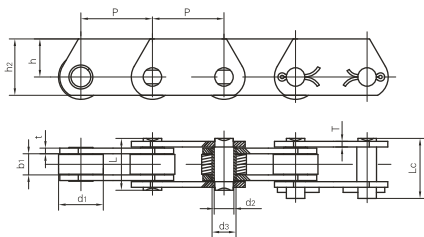
Vision Chain No.	Pitch							Roller dimension			Bush diameter	Plate depth
	P							d1 max	d4 max	G	d5 max	h2 max
	mm							mm	mm	mm	mm	mm
ZC21	38.1	50.8	63.5	76.2				25.40			11.0	18.0
ZC40	50.8	63.5	76.2	88.9	101.6	127.0	152.4	31.75	40.0	2.5	17.0	25.0
ZC60	76.2	88.9	101.6	127.0	152.4	177.8	203.2	47.50	60.0	3.5	23.0	40.0
ZC150	101.6	127.0	152.4	177.8	203.2	228.6	254.0	66.70	82.0	4.0	33.0	50.0
ZC300	152.4	177.8	203.2	254.0	304.8			88.90	114.0	8.5	38.0	60.0

Vision Chain No.	Width between inner plates	Pin diameter		Pin length		Plate thickness	Breaking load	
	b1 min mm	d2 max mm	d3 min mm	L max mm	Lc max mm	t/T max mm	Q min kN/LB	*Q min kN/LB
ZC21	12.7	9.0	6.5	26.0	27.5	2.5	21.0/4772	
ZC40	15.0	14.0	10.2	36.4	37.7	4.0	40.0/9091	50.0/11362
ZC60	19.0	19.0	13.2	45.0	46.0	5.0/4.0	60.0/13636	120.0/27270
ZC150	26.0	26.9	20.2	58.0	60.5	7.0/5.0	150.0/34087	190.0/43177
ZC300	38.0	32.0	22.5	83.0	85.0	10.0/8.0	300.0/68175	380.0/86362

*Q Higher breaking load with hardened plates



Conveyor chains (ZE series)



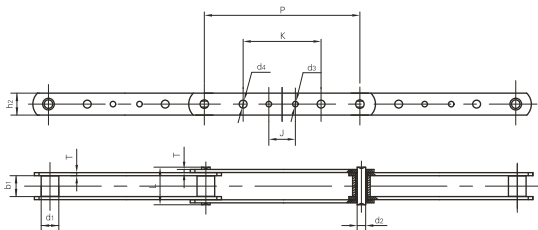
Vision Chain No.	Pitch							Roller diameter	Pin diameter	Bush diameter
	P							d ₁ max	d ₂ max	d ₃ max
	mm							mm	mm	mm
ZE40	50.8	63.5	76.2	88.9	101.6	127.0	152.4	31.75	14.0	17.0
ZE100	76.2	88.9	101.6	127.0	152.4	177.8	203.2	47.50	19.0	23.0
ZE160	101.6	127.0	152.4	177.8	203.2	228.6	254.0	66.70	26.9	33.0
ZE300	152.4	177.8	203.2	254.0	304.8			88.90	32.0	38.0

Vision Chain No.	Width between inner plates	Pin length		Plate depth		Plate thickness	Breaking load	
	b ₁ min	L max	L _c max	h ₂ max	h max	t/T max	Q min	*Q min
	mm	mm	mm	mm	mm	mm	kN/LB	kN/LB
ZE40	15.0	37.0	40.5	40.0	27.0	4.0	40.0/9091	60.0/13636
ZE100	19.0	45.0	50.5	50.0	30.0	5.0/4.0	100.0/22725	160.0/36360
ZE160	26.0	58.0	63.5	70.0	45.0	7.0/5.0	160.0/36360	200.0/45454
ZE300	38.0	84.0	94.0	90.0	60.0	10.0/8.0	300.0/68175	380.0/86362

*Q Higher breaking load with hardened plates



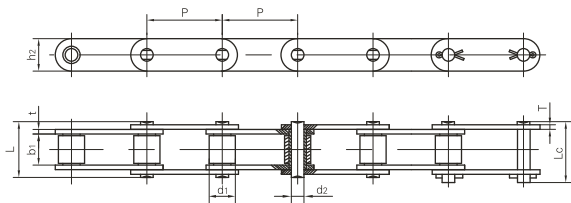
Lumber conveyor chains & attachments



Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin dimension		Plate dimension						Plate thick-ness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	h ₂ max	d ₃ max	d ₄ max	J max	K max	T max	Q min	Q ₀	q	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m	
3939-B4	203.2	23.00	27.00	11.1	49.0	28.58	7.2	7.2	38.1	101.6	4.0	115.58/26268	136.5	2.45	
3939-B21	203.2	23.00	27.00	11.1	49.0	28.58	7.2		38.1		4.0	115.58/26268	136.5	2.45	
3939-B23	203.2	23.00	27.00	11.1	49.0	28.58		10.3		92.1	4.0	115.58/26268	136.5	2.45	
3939-B24	203.2	23.00	27.00	11.1	49.0	28.58		7.2		101.6	4.0	115.58/26268	136.5	2.48	
3939-B40	203.2	23.00	27.00	11.1	49.0	28.58		10.3		101.6	4.0	115.58/26268	136.5	2.45	
3939-B43	203.2	23.00	27.00	11.1	49.0	28.58	7.2	10.3	38.1	92.1	4.0	115.58/26268	136.5	2.42	



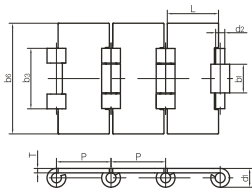
Lumber conveyor chains & attachments



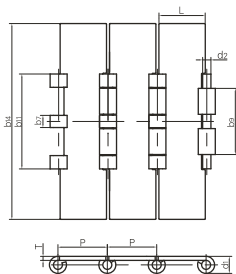
Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d_1 max	b_1 min	d_2 max	L max	Lc max	h_2 max	t/T max	Q min	Q ₀	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
81X	66.27	23.00	27.00	11.10	49.0	53.5	28.50	4.00	106.7/24250	128.9	3.78
81XH	66.27	23.00	27.78	11.10	60.7	65.1	31.35	7.94/5.55	151.9/34523	175.7	5.88
81XHH	66.27	23.00	27.78	11.10	65.6	70.0	31.35	7.94	191.1/43432	212.6	6.70
81XHS	66.27	23.00	27.00	11.10	63.6	68.0	31.80	7.60	152.0/34545	177.2	6.55
500R	50.00	25.40	25.40	14.63	52.0	56.4	40.00	5.00	100.0/22727	114.5	7.13



Flat-top conveyor chains



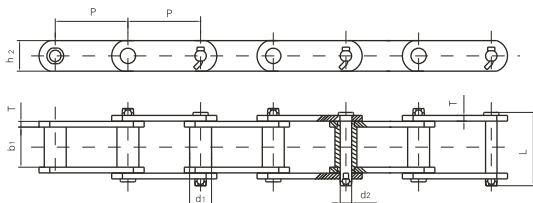
Vision Chain No.	P	b ₆ max	d ₁ max	d ₂ max	T max	L	b ₁ max	b ₃ max	Ultimate tensile strength		Weight per meter
									Material		
									1Cr18Ni9Ti	1Cr13 2Cr13	
	mm	mm	mm	mm	mm	mm	mm	mm	kN min	kN min	kg/m
C12S	38.1	76.2	13.13	6.38	3.35	37.28	20	42.05	8.00	6.25	2.39
C13S		82.6									2.55
C14S		88.9									2.70
C16S		101.6									2.99
C18S		114.3									3.29
C24S		152.4									4.17
C30S		190.5									5.06



Vision Chain No.	P	b14 max	d1 max	d2 max	T max	L	b9 max	b11 max	Ultimate tensile strength		Weight per meter
									Material		
									1Cr18Ni9Ti	1Cr13 2Cr13	
	mm	mm	mm	mm	mm	mm	mm	mm	kN/min	kN/min	kg/m
C30D	38.1	190.5	13.13	6.38	3.35	13.5	53.5	80.5	16.00	12.50	5.87



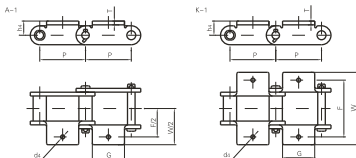
Engineering bush chains



ANSI Chain No.	Vision Chain No.	Pitch	Bush diameter	Width between inner plates	Pin diameter	Pin length	Plate depth	Plate thick-ness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	h2 max	T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN
S102B		101.60	25.40	54.10	15.88	111.3	38.10	9.7	160.0/35993	176.0	10.4
S110		152.40	32.00	54.10	15.88	111.3	38.10	9.7	160.0/35993	176.0	9.8
S111		120.90	36.60	66.80	19.05	131.2	50.80	9.7	214.0/48141	235.4	15.9
S131		78.11	32.00	33.50	15.88	90.5	38.10	9.7	160.0/35993	176.0	11.6
S150		153.67	44.70	84.30	25.40	164.6	63.50	12.7	378.0/85034	416.0	25.7
S188		66.27	22.40	26.90	12.70	68.6	28.40	6.4	102.0/22946	112.2	5.6
S856		152.40	44.40	76.20	25.40	154.9	63.50	12.7	365.0/82110	401.5	25.0
S857		152.40	44.40	76.20	25.40	154.9	82.60	12.7	432.0/97182	475.2	32.0
S859		152.40	60.40	95.30	31.75	188.5	101.60	16.0	690.0/155221	759.0	55.9
S864		177.80	60.40	95.30	31.75	188.5	101.60	16.0	690.0/155221	759.0	51.8
	S102.5	102.36	34.93	57.15	19.05	115.0	44.45	9.5	214.0/48141	235.4	14.09
	S110F1	152.40	31.75	53.48	15.88	111.0	44.45	9.5	160.0/35993	176.0	10.50
	S111F1	120.90	36.51	66.68	19.05	125.0	50.80	9.5	214.0/48141	235.4	15.46

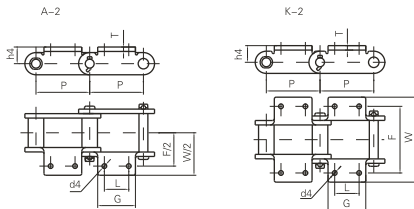


Engineering bush chain with attachments



ANSI Chain No.	P mm	G mm	F mm	W mm	h4 mm	d4 mm	T mm
*S102B	101.60	77.0	121.0	180.8	25.4	10.2	9.7
S131	78.11	73.9	104.6	157.0	25.4	13.5	9.7
S188	66.27	54.6	95.2	131.6	20.6	10.2	6.4

S102B only with A-1 attachments

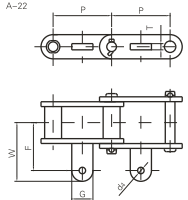


ANSI Chain No.	Vision Chain No.	P mm	L mm	G max mm	F mm	W max mm	h4 mm	d4 min mm	T mm
S102B		101.60	44.50	69.9	134.90	180.80	25.40	10.2	9.7
S110		152.40	44.50	89.6	134.90	180.80	25.40	10.2	9.7
S111		120.90	58.70	92.7	158.80	210.80	38.10	13.5	9.7
S131		78.11	38.10	73.9	104.60	157.00	25.40	13.5	9.7
S150		153.67	69.90	108.7	190.50	249.40	47.80	13.5	12.7
S188		66.27	31.80	54.6	106.40	131.60	20.60	8.6	6.4
S856		152.40	63.50	103.1	184.20	241.30	47.80	16.8	12.7
	S102.5	102.36	44.45	69.0	136.53	163.51	28.58	9.5	9.5
	S110F1	152.40	44.45	88.9	134.94	165.10	27.78	10.3	9.5
	S111F1	120.90	58.70	87.5	158.75	196.85	38.10	13.7	9.5



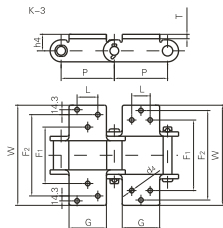
Engineering bush chain with attachments

A-22



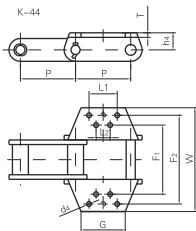
ANSI Chain No.	P	G	F	W	d4	T
S188	66.27	49.2	45.2	61.2	10.2	10.4

K-3



Vision Chain No.	P	G	L	F1	F2	W	h4	d4	T
S150	153.67	109.5	69.9	190.5	292.1	347.5	47.8	13.5	13.5
S856	152.40	152.4	69.9	166.6	277.9	349.3	47.8	13.5	13.5

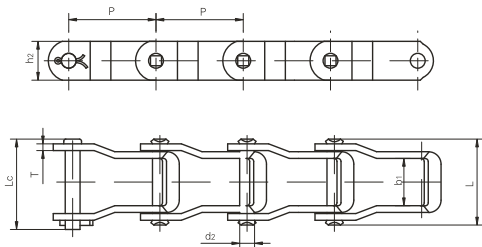
K-44



Vision Chain No.	P	G	L1	L2	F1	F2	W	h4	d4	T
S857	152.40	146.1	88.9	88.9	177.8	304.8	355.6	63.5	13.5	13.5
S859	152.40	146.1	114.3	69.9	228.6	330.2	381.0	76.2	16.8	13.5
S864	177.80	146.1	139.7	95.3	228.6	330.2	381.0	76.2	16.8	13.5



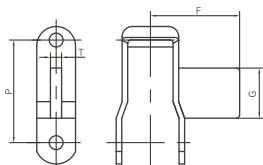
Steel pintle chains



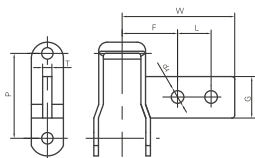
Vision Chain No.	Pitch	Width between inner plates	Pin diameter	Pin length		Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b_1 min	d_2 max	L max	L_c max	h_2 max	T	Q min	Q_0	q
	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
662	42.27	22.9	7.19	41.2	44.2	18.8	3.2	37.80/8591	41.5	1.63
667H	58.75	25.4	7.94	43.7	46.7	22.2	3.2	42.30/9614	46.5	1.87
667X	57.15	26.6	11.10	50.2	55.0	23.8	4.3	66.70/15159	73.3	2.98
667XH	57.15	27.4	11.91	58.0	62.0	27.3	5.7	124.50/28295	136.9	4.34
667K	57.15	27.4	11.10	55.5	60.0	27.3	5.1	89.00/20227	97.9	3.91
667J	57.15	26.6	9.53	50.2	55.0	27.3	4.3	62.28/14155	68.5	2.81
88K	66.27	27.4	11.10	55.5	60.0	27.3	5.1	89.00/20227	97.9	3.73
88C	66.27	31.4	12.70	64.6	69.0	28.9	6.4	133.36/30309	146.6	5.17



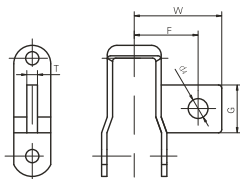
Steel pintle chain with attachments



Vision Chain No.	P	G	F	T
	mm	mm	mm	mm
662	42.27	24.2	47.6	4.3
667H	58.75	29.7	69.0	6.4
667X	57.15	29.7	68.3	7.9
667K	57.15	32.5	68.3	9.5
88K	66.27	32.5	68.3	9.5



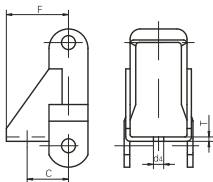
Vision Chain No.	P	G	F	L	W	d ₄	T
	mm	mm	mm	mm	mm	mm	mm
662	42.27	24.2	34.9	15.9	60.3	6.75	4.3
88C	66.27	32.5	54.0	63.5	136.5	9.92	9.5
88K	66.27	32.5	54.0	63.5	136.5	9.92	9.5



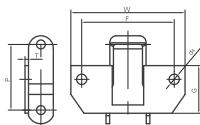
Vision Chain No.	G	F	W	d ₄	T
	mm	mm	mm	mm	mm
662	24.2	35.9	48.4	7.00	4.3
667H	29.7	51.6	66.6	8.50	6.4
667X	29.7	51.6	69.0	8.50	7.9
667K	32.5	51.6	72.2	10.00	9.5
88K	32.5	51.6	72.2	10.00	9.5



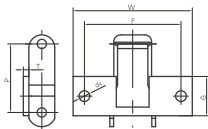
Steel pintle chain with attachments



Vision Chain No.	C	F	d ₄	T
	mm	mm	mm	mm
662	22.9	37.2	7.00	2.8
667H	25.4	38.9	7.00	4.8
667X	29.5	39.7	7.00	4.8



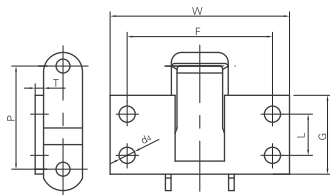
Vision Chain No.	Attachment No.	P	G	F	W	d ₄	T
		mm	mm	mm	mm	mm	mm
662	K1	42.27	34.9	62.7	82.6	6.75	3.2
662	K19	42.27	34.9	50.8	71.4	6.75	3.2
667X	K1	57.15	34.9	62.7	82.6	6.75	3.2
667H	K1	58.75	34.9	62.7	82.6	6.75	3.2



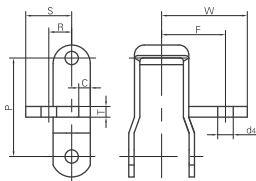
Vision Chain No.	Attachment No.	P	G	F	W	d ₄	T
		mm	mm	mm	mm	mm	mm
88K	K1C	66.27	47.6	95.3	127.0	9.92	4.8
88K	K1M	66.27	47.6	101.6	127.0	9.92	4.8
88K	K1P	66.27	47.6	96.8	127.0	9.92	4.8



Steel pintle chain with attachments



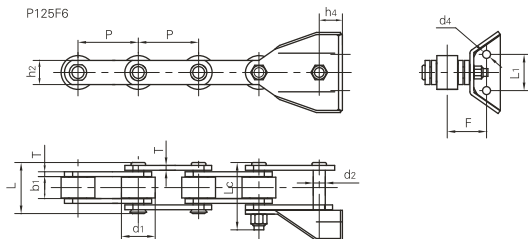
Vision Chain No.	Attachment No.	P	L	G	F	W	d ₄	T
		mm	mm	mm	mm	mm	mm	mm
88K	K2C	66.27	31.8	57.2	106.4	127.0	9.92	4.8
88K	K2M	66.27	31.8	57.2	101.6	127.0	9.92	4.8
88K	K2P	66.27	31.8	57.2	92.0	127.0	9.92	4.8



Vision Chain No.	Attachment No.	P	R	S	F	W	d ₄	T	C
		mm	mm	mm	mm	mm	mm	mm	mm
662	G28	42.27	20.6	33.3	31.8	43.7	6.75	6.4	4.8
662	G30	42.27	19.1	33.3	33.3	48.0	8.33	6.4	4.8
662	G30S	42.27	19.1	33.3	33.3	48.0	8.73	6.4	4.8
667H	G27S	58.75	19.1	31.8	51.6	65.9	9.92	6.4	6.4



Welded conveyor chains

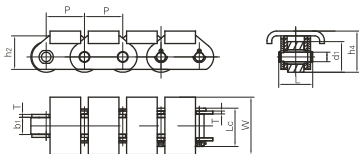


Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth	Plate thickness	Ultimate tensile strength
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB
P125F6	125.0	70.0	45.0	20.0	90.0	122.0	50.0	8.0	250/56818

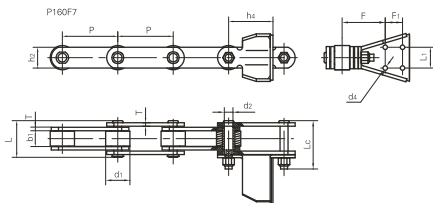
Vision Chain No.	P	L1	F	d4	h4
	mm	mm	mm	mm	mm
P125F6	125.0	75.0	77.5	16.5	44.0



Welded conveyor chains



Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth	Plate thickness	Attachment dimension		Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	W	h4	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kg/m
P40F3	40.0	32.0	18.0	10.0	36.1	40.2	35.0	3.0	60.0	43.0	40.0/9091	7.27
P40F5	40.0	32.0	18.0	10.0	36.1	40.2	35.0	3.0	59.5	42.0	40.0/9091	7.16
P63F6	63.0	48.0	25.0	14.0	52.0	57.0	45.0	5.0	130.0	56.5	63.0	16.22
P63F9	63.0	48.0	25.0	10.0	52.0	57.0	45.0	5.0	80.0	56.5	63.0	13.66

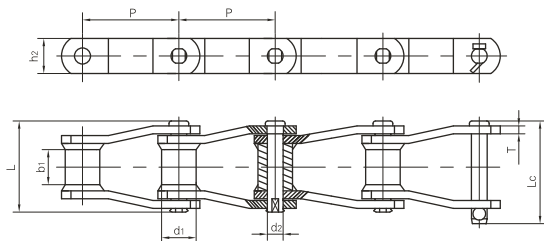


Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Plate depth	Plate thickness	Ultimate tensile strength
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB
P125F6	125.0	70.0	45.0	20.0	90.0	122.0	50.0	8.0	250/56818
P160F7	160.0	70.0	45.0	25.0	99.0	136.0	60.0	10.0	400/90908

Vision Chain No.	P	L1	F	d4	h4	F1
	mm	mm	mm	mm	mm	mm
P125F6	125.0	75.0	77.5	16.5	44.0	
P160F7	160.0	60.0	119.5	13.0	130.0	50.0



Welded steel chains



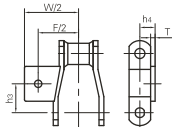
Vision Chain No.	Pitch	Bush diameter	Inside width for sprocket contact	Pin diameter	Pin length		Plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	Lc max	h ₂ max	T	Q _{min}	Q _{av}	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
WR78 WH78	66.27	22.9	28.4	12.78	73.0	79.3	28.4	6.4	93.4/21227 106.8/24273	102.7 117.5	6.20
WR82 WH82	78.10	31.5	31.8	14.35	80.0	86.0	31.8	6.4	100.1/22750 131.2/29818	110.1 144.3	7.98
WR106 WH106	152.40	37.1	41.2	19.13	103.0	111.0	38.1	9.7	169.0/38409 224.6/51045	185.9 247.0	10.56
WR110 WH110	152.40	32.0	46.7	19.13	107.7	115.5	38.1	9.7	169.0/38409 224.6/51045	185.9 247.0	10.40
WR111 WH111	120.90	37.1	57.2	19.13	116.8	124.5	38.1	9.7	169.0/38409 224.6/51045	185.9 247.0	12.72
WR124 WH124	101.60	37.1	41.2	19.13	103.0	110.0	38.1	9.7	169.0/38409 224.6/51045	185.9 247.0	12.38
WR124H WH124H	103.20	41.7	41.2	22.30	131.6	133.0	50.8	12.7	275.8/62682 355.9/80886	303.3 391.4	19.68
WR132 WH132	153.67	44.7	76.2	25.48	151.0	162.2	50.8	12.7	275.8/62682 378.1/85932	303.3 415.9	20.00

Note: WR – Welded steel chain c/w heat treated pins & bushings
WH – Welded steel chain – fully heat treated

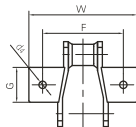


Welded steel chain with attachments

With A1 attachments

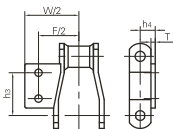


With K1 attachments

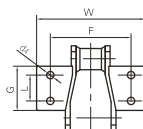


Vision Chain No.	h ₃	G	F	W	h ₄	d ₄	T
	mm	mm	mm	mm	mm	mm	mm
WR78	31.8	36.6	101.6	130.0	22.4	9.7	6.4
WH78							
WR82							
WH82							

With A2 attachments



With K2 attachments

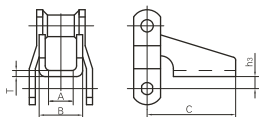


Vision Chain No.	L	G	h ₃	F	W	h ₄	d ₄	T
	mm	mm	mm	mm	mm	mm	mm	mm
WR78	28.4	52.3	38.9	101.6	130.0	22.4	9.7	6.4
WH78								
WR82								
WH82								
WR110	44.4	84.1	98.6	135.1	168.1	30.0	9.7	9.7
WH110	58.7	90.4	89.9	159.0	193.5	30.0	12.7	9.7
WR111								
WH111								
WR124								
WH124	49.3	77.7	71.4	133.6	180.8	30.0	9.7	9.7
WR124H								
WH124H								
WR132								
WH132	69.8	80.8	106.2	190.5	234.7	39.6	12.7	12.7

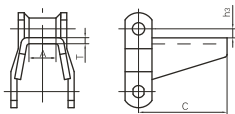


Welded steel chain with attachments

With H1 attachments



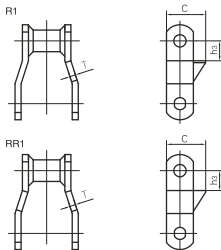
With H2 attachments



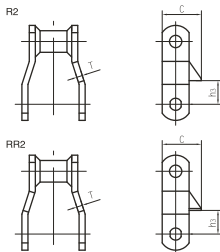
Vision Chain No.	h ₃	A	B	C	T
	mm	mm	mm	mm	mm
WR78 WH78	12.7	22.4	50.8	93.5	6.4
WR82 WH82	15.7	28.4	57.2	93.5	6.4

Vision Chain No.	h ₃	A	C	T
	mm	mm	mm	mm
WR78 WH78	7.9	20.8	93.5	6.4
WR82 WH82	7.9	26.4	96.8	6.4

With R1 & RR1 attachments



With R2 & RR2 attachments



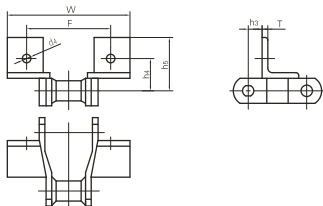
Vision Chain No.	h ₃	C	T
	mm	mm	mm
WR78 WH78	17.3	41.1	6.4
WR82 WH82	22.4	49.3	6.4
WR124 WH124	31.8	49.3	9.7

Vision Chain No.	h ₃	C	T
	mm	mm	mm
WR78 WH78	17.3	41.1	6.4
WR82 WH82	22.4	49.3	6.4
WR124 WH124	31.8	49.3	9.7



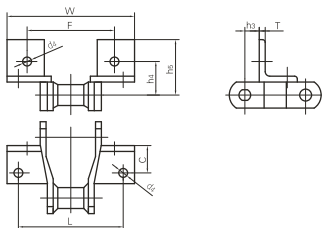
Welded steel chain with attachments

With F2 attachments



Vision Chain No.	h3	h4	h5	F	W	d4	T
	mm	mm	mm	mm	mm	mm	mm
WR78	15.7	36.6	60.5	95.5	138.2	9.7	6.4
WH78							

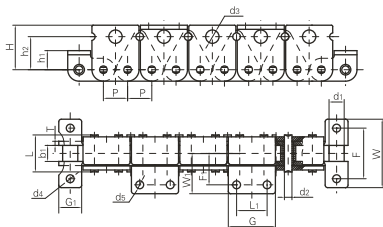
With F4 attachments



Vision Chain No.	h3	h4	h5	L	C	F	W	d4	T
	mm	mm	mm	mm	mm	mm	mm	mm	mm
WR78	17.3	44.4	60.5	114.3	31.8	95.2	141.2	9.7	6.4
WH78									
WR82	20.6	46.2	62.0	127.0	28.4	104.6	150.9	9.7	6.4
WH82									
WR124	22.4	52.3	73.2	133.6	36.6	111.3	157.0	9.7	9.7
WH124									



Support chain

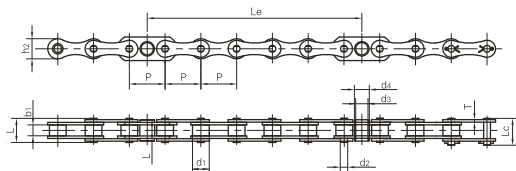


Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Ultimate tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	Q min	q
	mm	mm	mm	mm	mm	KN/LB	kg/m
12AH-TB35	19.05	11.91	12.57	5.94	29.2	31.8/7227	4.35

Vision Chain No.	H	h ₂	d ₃	F	W	G ₁	h ₁	d ₄	T	F ₁	W ₁	L ₁	G	d ₅
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
12AH-TB35	35.0	26.0	10.5	40.0	54.0	18.0	15.0	6.2	3.25	24.8	31.8	24.0	37.0	6.2



Escalator step-chains



Vision Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Bush diameter		Bush length		Plate dimension		Distance between steps	Ultimate tensile strength	Average tensile strength	Weight per step
	P	d1 max	b1 min	d2	L max	Lc max	d3	d4	L1 max	h2 max	T max	Le	Q min	Q ₀	Q ₀	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg
C-13T	68.40	32.0	20.6	14.29	44.9	50.75	23.5	28.5	40.85	39.5	4.8	410.4	127.4/28665	140.0	2.30	
P67-FD	67.73	28.5	27.0	14.29	52.3	57.00	23.0	27.0	36.85	38.0	4.8	406.4	130.0/29250	140.0	2.19	