



WE ARE MORE THAN CONVEYOR CHAIN

Conveyor Chain

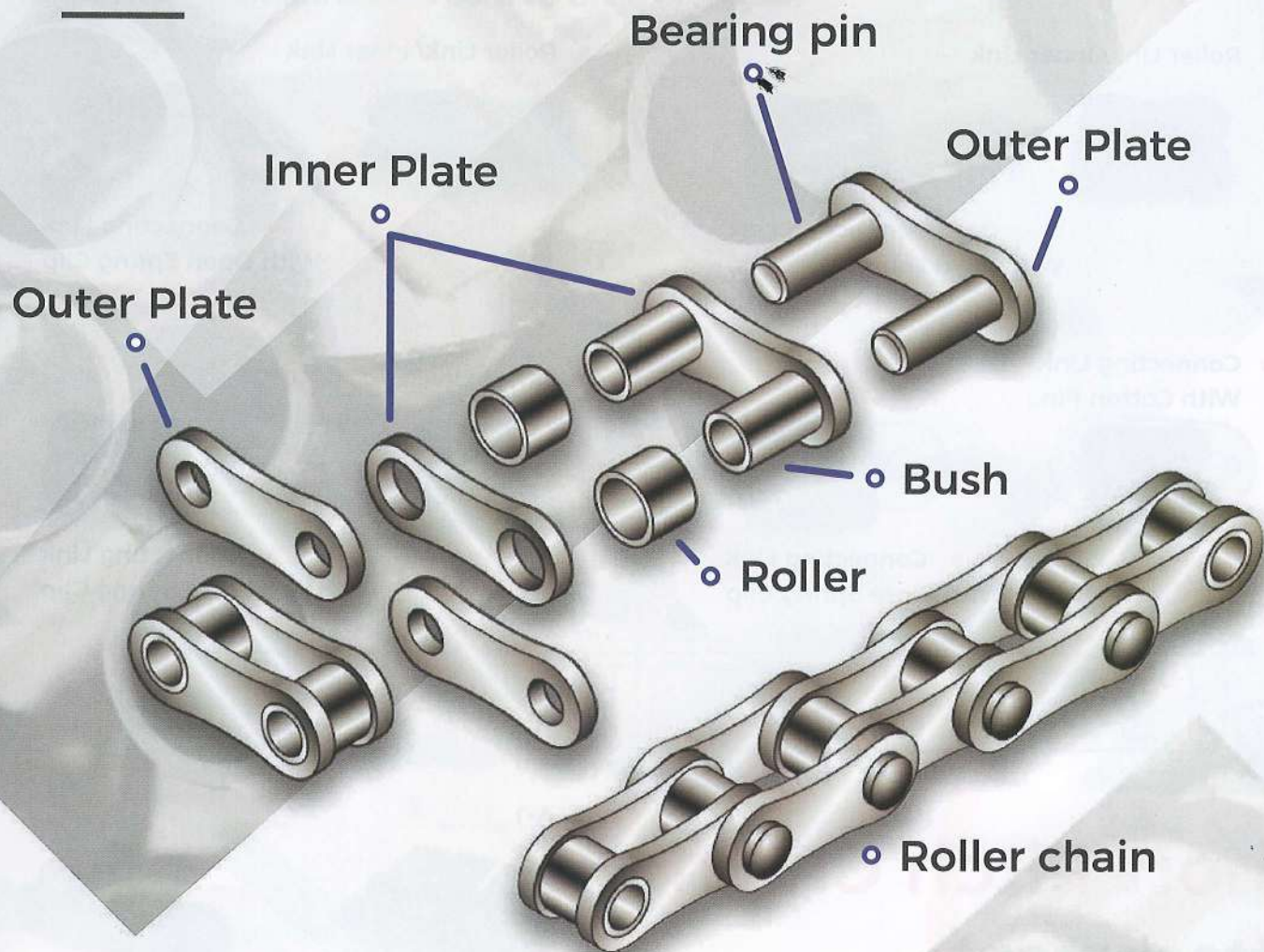
We Provide The Best Quality Products

XPower offers an extensive portfolio of
Engineering Chain Specialty Products.



Roller Chain

Component Part

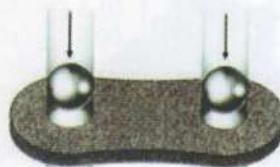


- ▶ Common link plate contours



- ◀ Wide-waist link plate contours

- Design of link plate waist
Increase in width of waist for combating fatigue.



- Ball drift
The plate holes are finally ball burnished to assure maximum resistance to fatigue failure.



- Shot peened parts
Link plates and rollers are shot peened for greater fatigue strength.

Connecting / Offset Link

• Roller Link/ Inner Link



• Connecting Link
With Solid Long Cotton Pin



• Roller Link/ Inner Link



• Connecting Link
With Open Spring Clip



• Connecting Link
With Cotton Pin



• Connecting Link
With Close Spring Clip



• Offset Link



• Connecting Link
With Half-Close Spring Clip



Short Pitch Chain Attachment

• A-1



• WA-1 / WA-2

• WA-1 / WA-2



• WSK-1 / WSK-2



• K-1



• WSA-1 / WSA-2



• SA-1 / M1 (BOTH SIDES)



• SA-1 / M1 (ONE SIDES)



• D-1



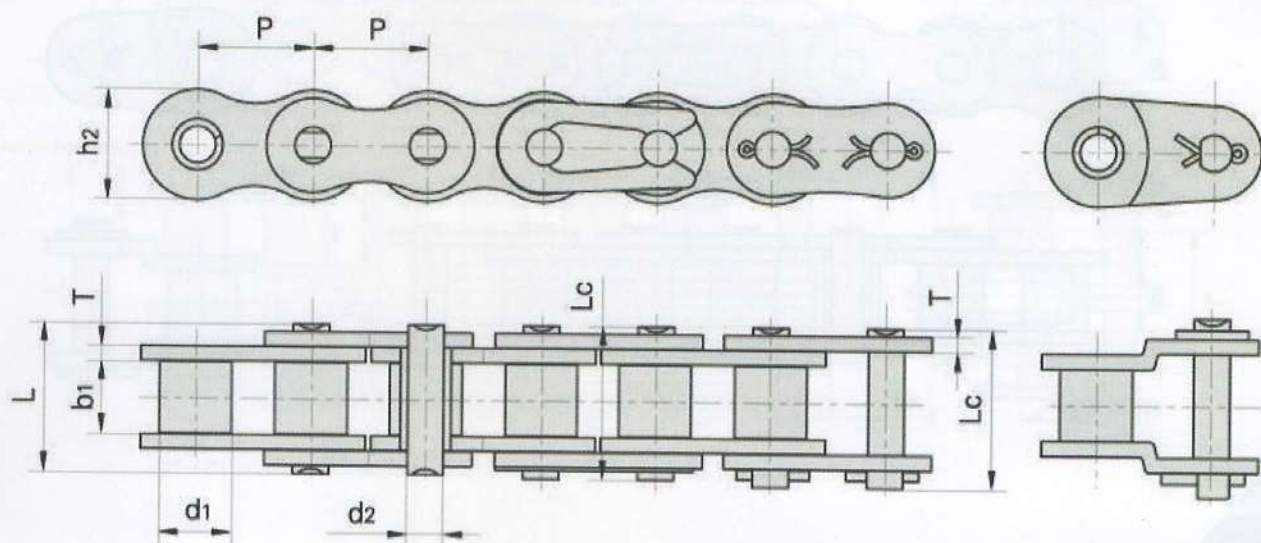
• D-3



SHORT PITCH PRECISION ROLLER CHAINS (A SERIES)

ISO 606, DIN 8188 and ANSI B29.1

SIMPLEX ROLLER CHAINS / BUSHING CHAINS 4



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
DIN/ISO	ANSI	P		d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Qmin	Qo	q
		mm	inch	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*03C	*15-1	4.7625		2.48	2.38	1.62	6.10	6.90	4.30	0.60	1.8	2.0	0.08
*04C-1	*25-1	6.350	1/4	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.5	4.6	0.15
*06C-1	*35-1	9.525	3/8	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.9	10.8	0.33
085-1	41-1	12.700	1/2	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.7	12.6	0.41
08A-1	40-1	12.700	1/2	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.1	17.5	0.62
10A-1	50-1	15.875	5/8	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.2	29.4	1.02
12A-1	60-1	19.050	3/4	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.8	41.5	1.50
16A-1	80-1	25.400	1	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.7	69.4	2.60
20A-1	100-1	31.750	1 1/4	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.5	109.2	3.91
24A-1	120-1	38.100	1 1/2	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.0	156.3	5.62
28A-1	140-1	44.450	1 3/4	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.4	212.0	7.50
32A-1	160-1	50.800	2	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.8	278.9	10.10
36A-1	180-1	57.150	2 1/4	35.71	35.48	17.46	72.80	78.60	53.60	7.20	280.2	341.8	13.45
40A-1	200-1	63.500	2 1/2	39.68	37.85	19.85	80.30	87.20	60.00	8.00	353.8	431.6	16.15
48A-1	240-1	76.200	3	47.63	47.35	23.81	95.50	103.00	72.39	9.50	510.3	622.5	23.20

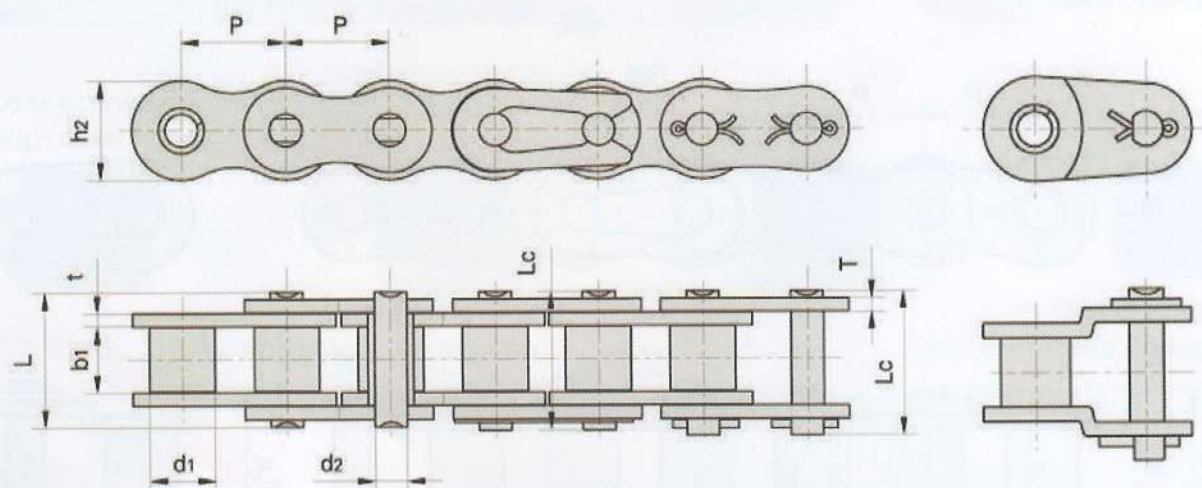
*Bushing chain : d1 in the table indicates the external diameter of the bushing.

Available for stainless steel 304, dacromet plated, nickel plated and zinc plated

SHORT PITCH PRECISION ROLLER CHAINS (B SERIES)

ISO 606, DIN 8187 and BS2228

SIMPLEX ROLLER CHAINS 9



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
DIN/ISO	ANSI	P		d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Qmin	Qo	q
		mm	inch	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*03C	*15-1	4.7625		2.48	2.38	1.62	6.10	6.90	4.30	0.60	1.8	2.0	0.08
*04C-1	*25-1	6.350	1/4	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.5	4.6	0.15
*06C-1	*35-1	9.525	3/8	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.9	10.8	0.33
085-1	41-1	12.700	1/2	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.7	12.6	0.41
08A-1	40-1	12.700	1/2	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.1	17.5	0.62
10A-1	50-1	15.875	5/8	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.2	29.4	1.02
12A-1	60-1	19.050	3/4	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.8	41.5	1.50
16A-1	80-1	25.400	1	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.7	69.4	2.60
20A-1	100-1	31.750	1 1/4	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.5	109.2	3.91
24A-1	120-1	38.100	1 1/2	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.0	156.3	5.62
28A-1	140-1	44.450	1 3/4	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.4	212.0	7.50
32A-1	160-1	50.800	2	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.8	278.9	10.10
36A-1	180-1	57.150	2 1/4	35.71	35.48	17.46	72.80	78.60	53.60	7.20	280.2	341.8	13.45
40A-1	200-1	63.500	2 1/2	39.68	37.85	19.85	80.30	87.20	60.00	8.00	353.8	431.6	16.15
48A-1	240-1	76.200	3	47.63	47.35	23.81	95.50	103.00	72.39	9.50	510.3	622.5	23.20

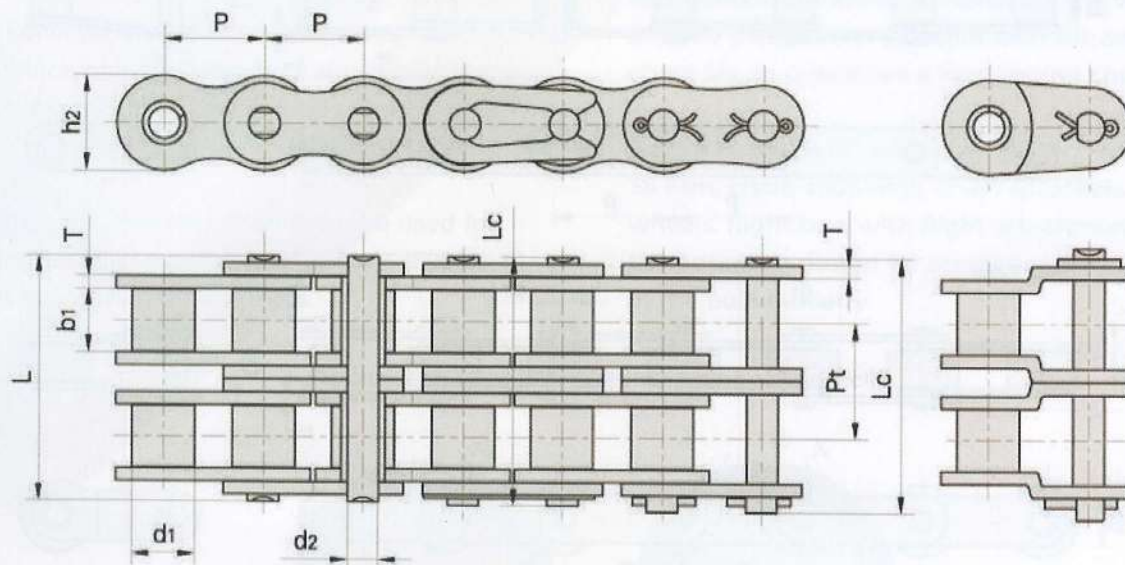
*Bushing chain : d1 in the table indicates the external diameter of the bushing.

Available for stainless steel 304, dacromet plated, nickel plated and zinc plated

SHORT PITCH PRECISION ROLLER CHAINS (B SERIES)

ISO 606, DIN 8187 and BS228

DUPLEX ROLLER CHAINS 10



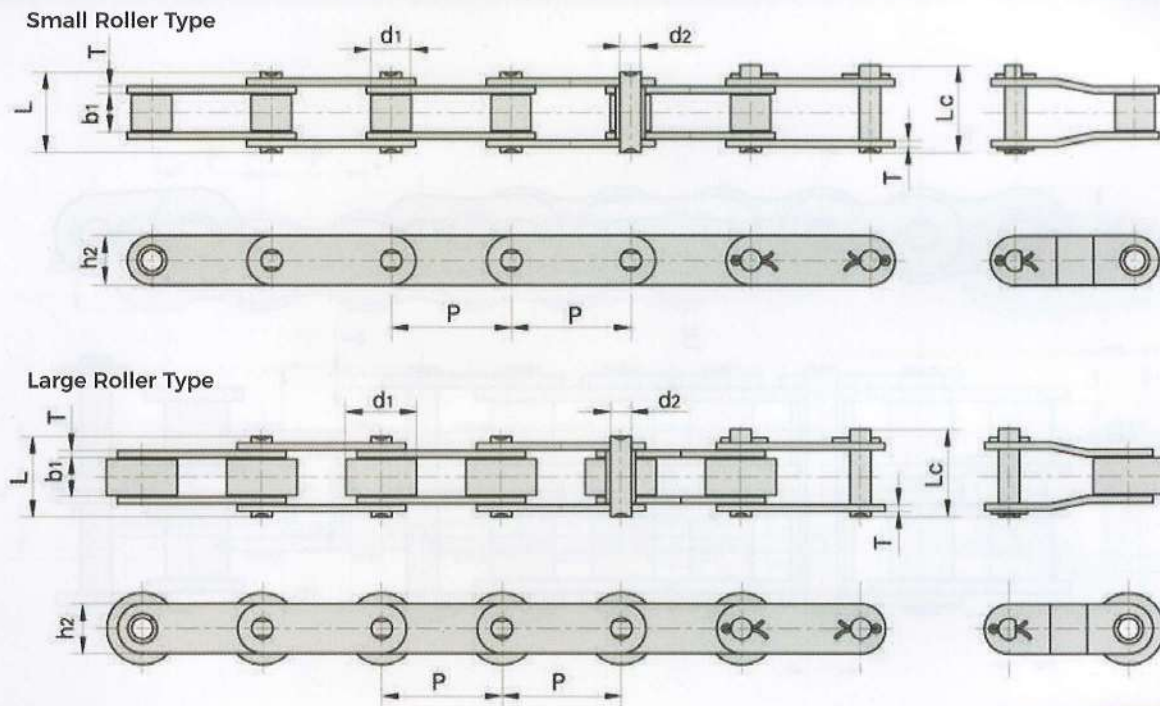
Chain No.	Pitch		Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN/ISO	P		d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Qmin	Qo	q
	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
05B-2	8.000		5.00	3.00	2.31	13.90	14.50	7.10	0.80	5.64	7.8	10.2	0.33
*06B-2	9.525	3/8	6.35	5.72	3.28	23.40	24.40	8.20	1.30	10.24	16.9	18.7	0.77
08B-2	12.700	1/2	8.51	7.75	4.45	31.00	32.20	11.80	1.60	13.92	32.0	38.7	1.34
10B-2	15.875	5/8	10.16	9.65	5.08	36.10	37.50	14.70	1.70	16.59	44.5	56.2	1.84
12B-2	19.050	3/4	12.07	11.68	5.72	42.00	43.60	16.00	1.85	19.46	57.8	66.1	2.31
16B-2	25.400	1	15.88	17.02	8.28	68.00	69.30	21.00	4.15/3.1	31.88	106.0	133.0	5.42
20B-2	31.750	1 1/4	19.05	19.56	10.19	77.80	81.50	26.40	4.5/3.5	36.45	170.0	211.2	7.20
24B-2	38.100	1 1/2	25.40	25.40	14.63	101.70	106.20	33.20	6.0/4.8	48.36	280.0	319.2	13.40
28B-2	44.450	1 3/4	27.94	30.99	15.90	124.60	129.10	36.70	7.5/6.0	59.56	360.0	406.8	16.60
32B-2	50.800	2	29.21	30.99	17.81	124.60	129.60	42.00	7.0/6.0	58.55	450.0	508.5	21.00
40B-2	63.500	2 1/2	39.37	38.10	22.89	154.50	161.50	52.96	8.5/8.0	72.29	630.0	711.9	32.00
48B-2	76.200	3	48.26	45.72	29.24	190.40	198.20	63.80	12.0/10.0	91.21	1000.0	1130.0	50.00
56B-2	88.900	3 1/2	53.98	53.34	34.32	221.20	229.60	77.80	13.5/12.0	106.60	1600.0	1760.0	71.48
64B-2	101.600	4	63.50	60.96	39.40	249.90	258.40	90.17	15.0/13.0	119.89	2000.0	2200.0	91.00
72B-2	114.300	4 1/2	72.39	68.58	44.48	283.70	292.70	103.60	17.0/15.0	136.27	2500.0	2750.0	120.40

*Straight side plates

Available for stainless steel 304, dacromet plated, nickel plated and zinc plated

Double Pitch Conveyor Chains

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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
DIN/ISO	ANSI	P		d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Qmin	Qo	q
		mm	inch	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
C216A	C2080	50.80	2	15.88	15.75	7.92	32.7	36.5	24.0	3.25	56.7	65.7	2.08

pewag Conveyor Chains

- pewag - high quality Conveyor Chains

pewag conveyor chains are made from fine-grained, non-ageing special CrNi-, CrNiMo-, MnCr-alloyed steel. By ensuring optimum heat treatment pewag maintain high quality standards.

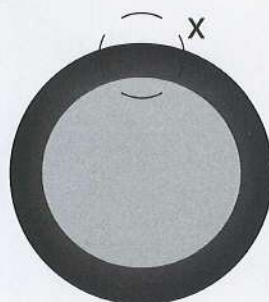
pewag conveyor chains have consistently high core quality which gives resistance to shock loadings and ensures maximum breaking loads and excellent fatigue strength can be achieved.

Case hardened conveyor chains can be used for operating temperatures of up to 200 °C (392°F) without loss of surface hardness.

The chains are manufactured with very close production tolerances to ensure a smooth, parallel run over the sprockets. All round steel chains and components are matched regarding to strength and uniform hardness, to minimize the wear and provide the greatest possible wear life and maximum chain life, to guarantee a long lasting chain system.

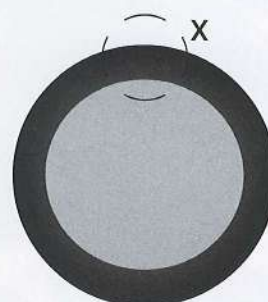
Extensive range of pewag conveyor chains up to 38 mm, chain couplings, chain sprockets, guide wheels, flight bars with flight attachments provide the optimum design for scraper conveyors in the bulk industry

Cross section at the interlink point of contact



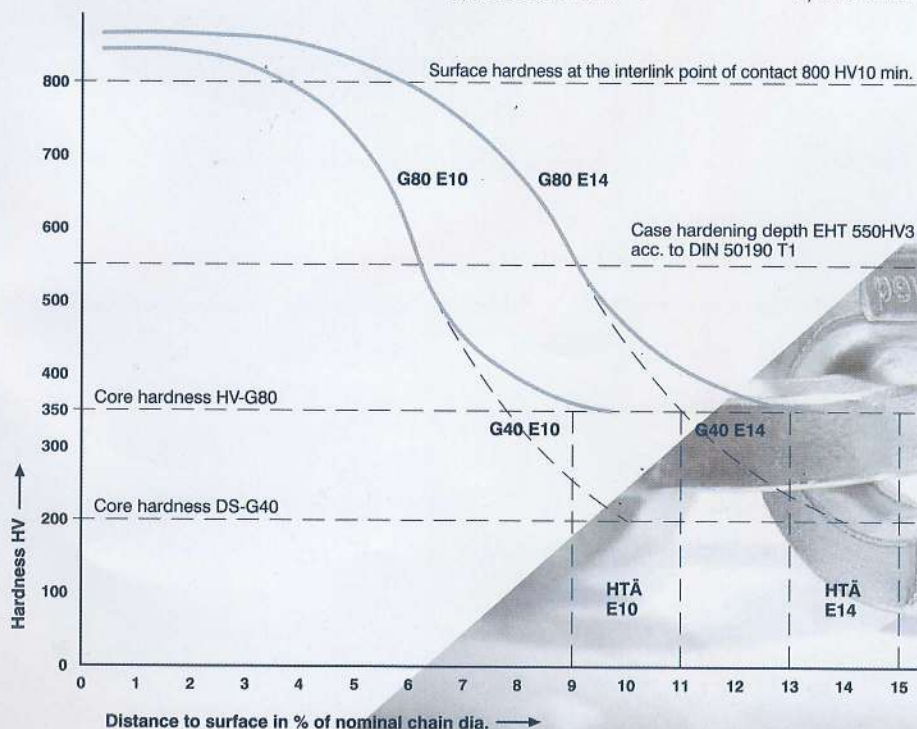
E 10

Quality grade G80E10
Carburizing depth E10
= 0,10 x chain dia.

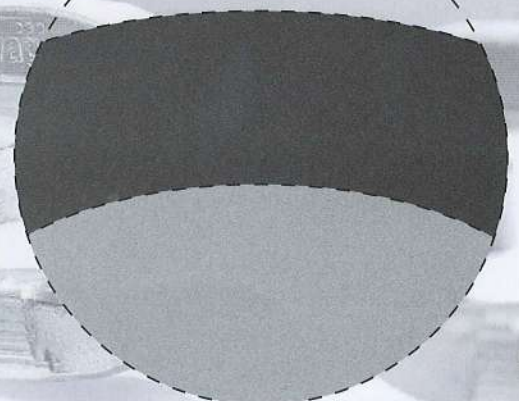


E 14

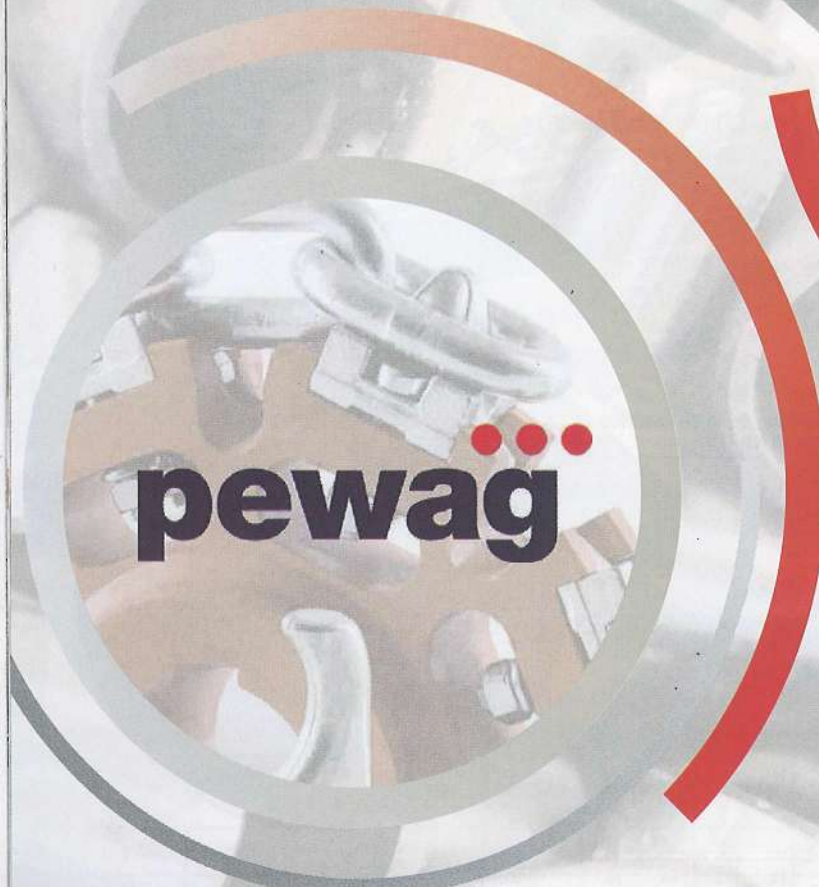
Quality grade G80E14
Carburizing depth E14
= 0,14 x chain dia.



Detail X



Authorization







POWER
WE ARE MORE THAN CONCEPTS