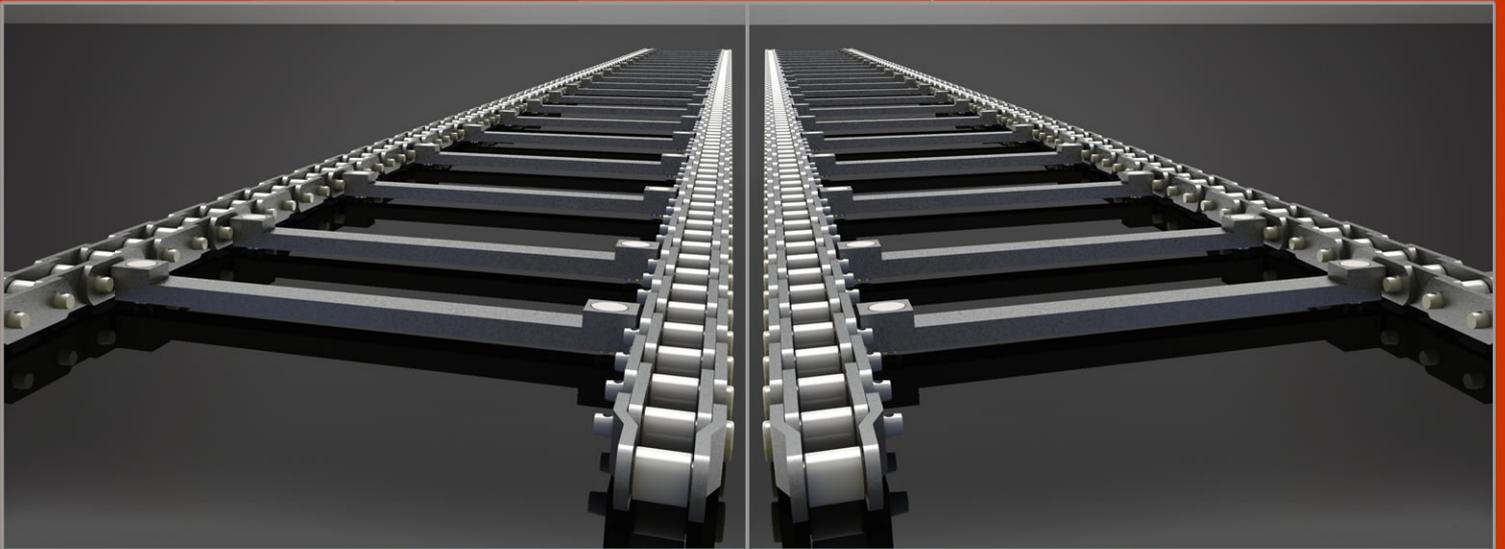


EWART CHAIN LTD  
GLOBAL SUPPLIER



# Asphalt Industry Chains

EWART CHAIN Ltd est 1880

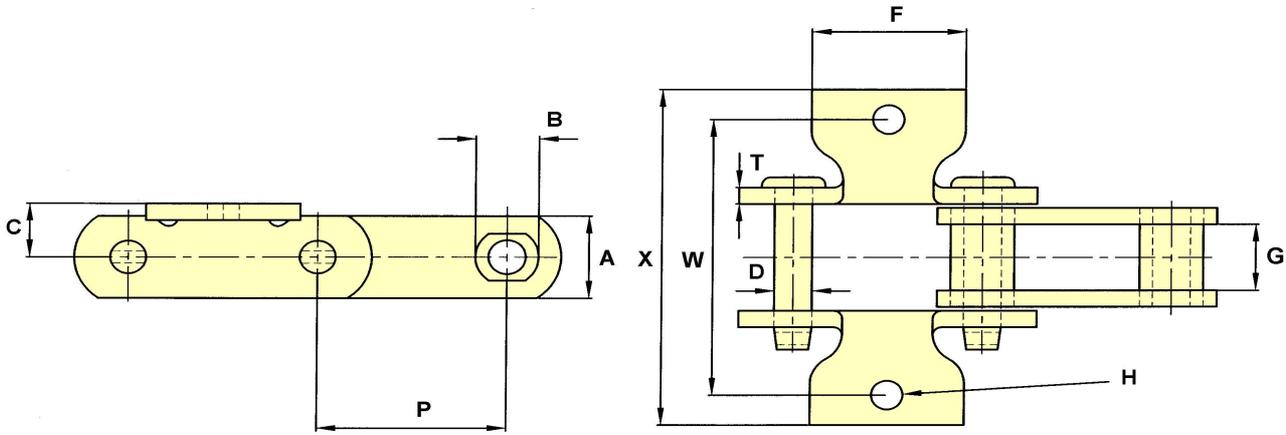


**Ewart Chain Ltd**

THE BEST KNOWN CHAIN BRAND IN THE WORLD



## STEEL BUSHED CHAINS



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	F	H	T	W	X
SS188	2.609	2,800	25,000	0.50	1.25	1.06	0.87	0.81	2.13	0.38	0.25	3.75	2.61

H = BOLT DIAMETER

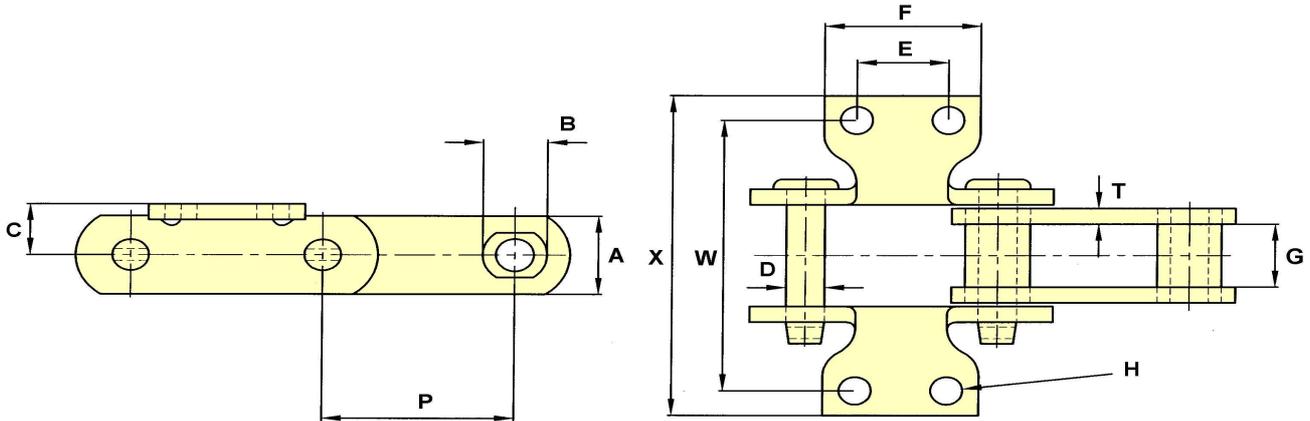
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	F	H	T	W	X
EX600	6.040	6,500	66,000	0.71	1.97	1.96	1.13	1.06	1.97	0.71	0.39	5.98	7.95
EX603	3.000	4,000	44,000	0.55	1.57	1.49	0.88	0.79	1.49	0.47	0.31	4.37	5.63



## STEEL BUSHED CHAINS

### K2 ATTACHMENTS

#### STRAIGHT SIDED



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	E	F	H	T	W	X
SS188	2.609	2,800	25,000	0.50	1.25	1.06	0.88	0.81	1.25	2.13	0.38	0.25	4.19	5.13
SS131	3.075	4,500	40,000	0.62	1.50	1.31	1.25	1.00	1.50	2.63	0.50	0.38	4.13	5.13
SS102B	4.000	6,300	40,000	0.62	1.50	2.13	1.00	1.00	1.75	2.69	0.38	0.38	5.31	6.66
SS111	4.760	8,850	75,000	0.75	2.00	2.63	1.44	1.50	2.31	3.63	0.38	0.38	6.25	8.06
SS110	6.000	6,300	40,000	0.62	1.50	2.13	1.25	1.00	1.75	2.88	0.38	0.38	5.31	6.66
B5239	6.000	8,860	75,000	0.75	2.00	2.62	1.44	1.50	2.31	4.50	0.50	0.38	6.25	8.38

H = BOLT DIAMETER

SS102B CAN BE SUPPLIED WITH 1.1/2" DIA. ROLLERS IF REQUIRED

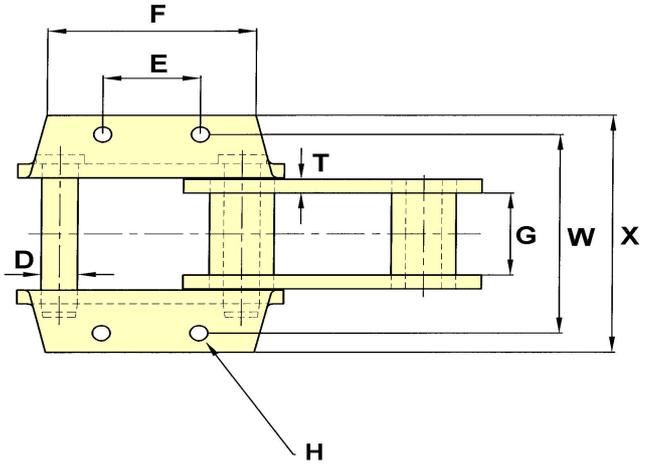
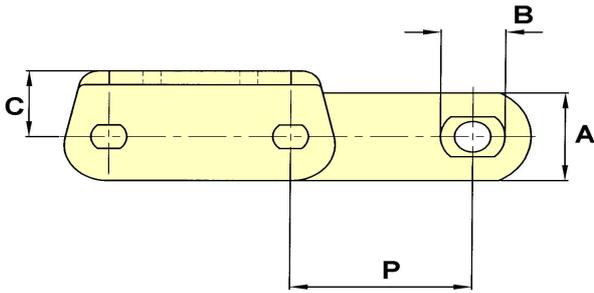
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	E	F	H	T	W	X
EX503	3.000	4,000	44,000	0.55	1.57	1.49	1.09	1.10	1.81	2.75	0.38	0.31	5.37	6.31
EX603	3.000	4,000	44,000	0.55	1.57	1.49	0.88	1.10	1.75	2.75	0.47	0.31	5.37	6.95
EX604	4.000	6,000	60,000	0.63	1.97	2.24	0.98	1.38	1.50	2.75	0.50	0.39	5.81	7.06



## STEEL BUSHED CHAINS

### K24 ATTACHMENTS

DRAWING NO. 159



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	E	F	H	T	W	X
S856	6.000	14,000	100,000	1.00	2.50	3.00	1.75	1.87	2.50	6.87	0.50	0.50	7.25	9.50

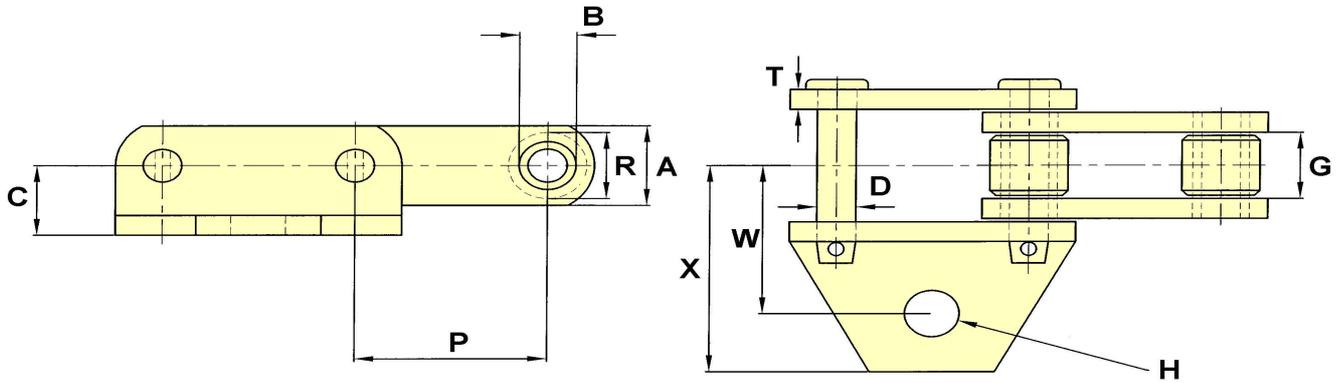
H = BOLT DIAMETER



## PAVER CHAINS

### "A" ATTACHMENT

DRAWING NO. 181



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
B5045	3.075	4,375	60,000	0.62	1.25	1.50	1.25	0.91	1.31	0.88	0.38	2.75	3.84

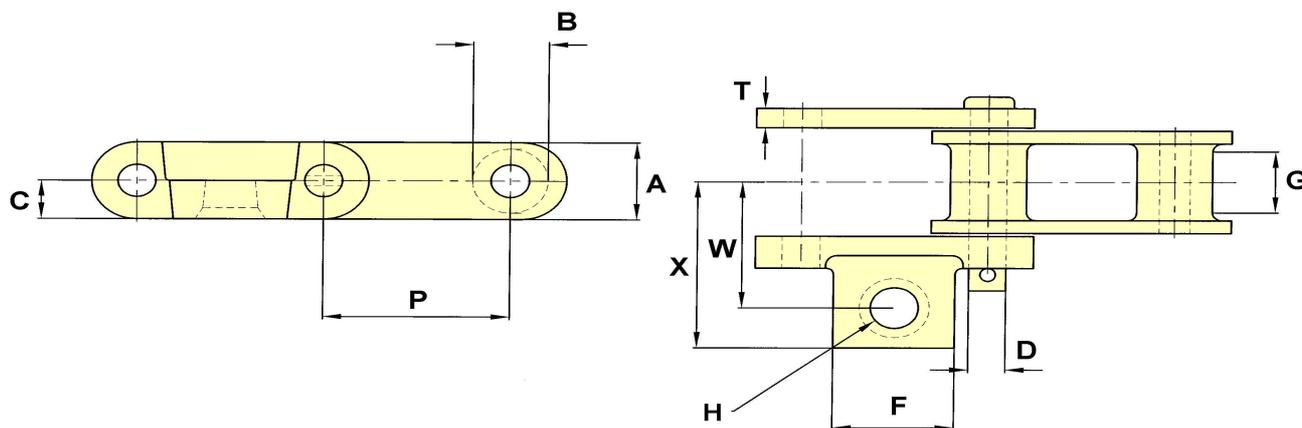
H = BOLT DIAMETER



## PAVER CHAINS

### A 1.1/2 ATTACHMENTS

DRAWING NO. 141



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX GEARING G	BARREL DIA. B	C	F	H	T	W	X
C131	3.075	3,220	27,500	0.62	1.50	1.13	1.25	0.75	2.00	0.75	0.38	2.44	3.22

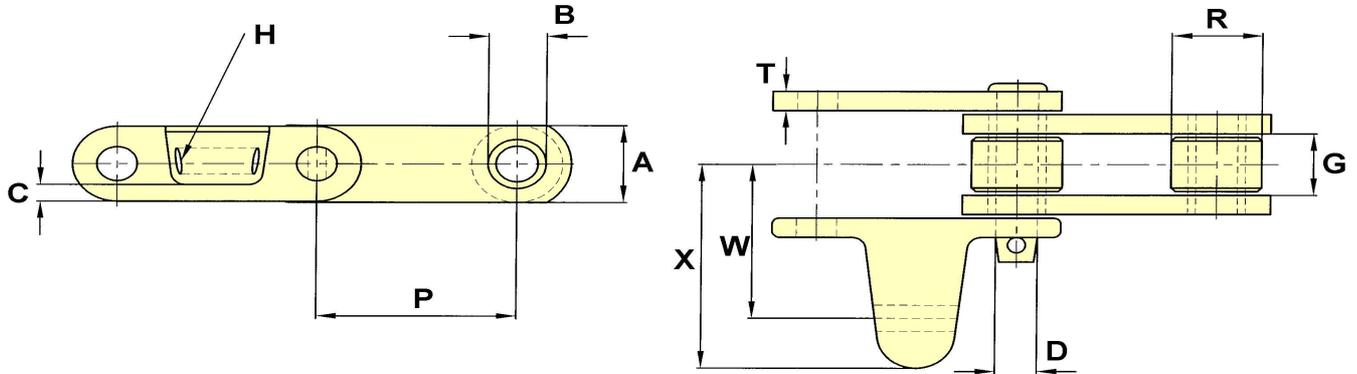
NORMALLY SUPPLIED WITH ROUND BARREL DESIGN

H = BOLT DIAMETER



## G19 ATTACHMENTS

DRAWING NO. 174

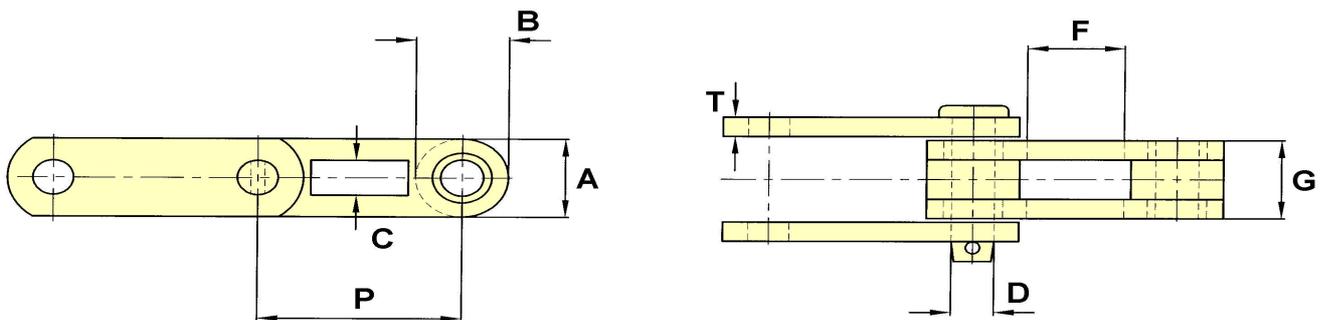


CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
1594	2.75	3,150	30,000	0.56	1.25	1.25	1	0.8	0.25	0.42	0.31	2.47	3.28

H = HOLE DIAMETER - SUITABLE FOR ROLL PIN CONNECTION

## SLOTTED CENTRE

DRAWING NO. 176



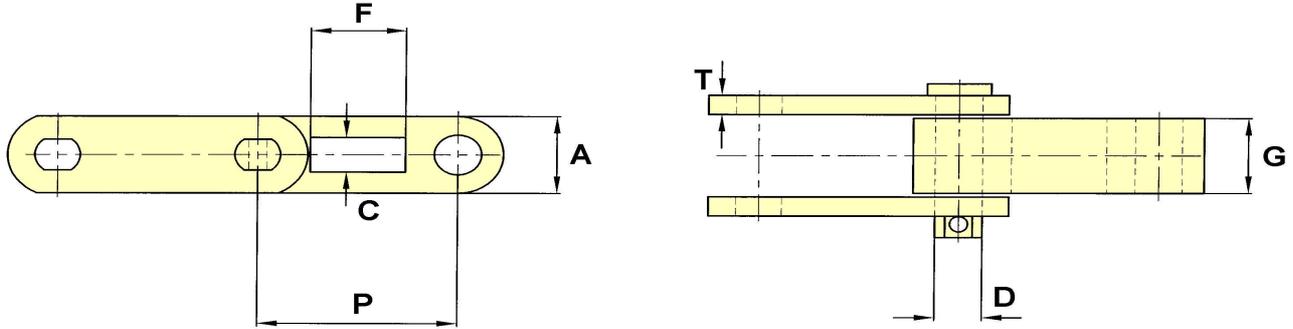
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	F	T
1598	2.750	2,450	31,500	0.56	1.25	1.25	1.25	0.56	1.31	0.31



## G19 ATTACHMENTS

### SLOTTED CENTRE

DRAWING NO. 182



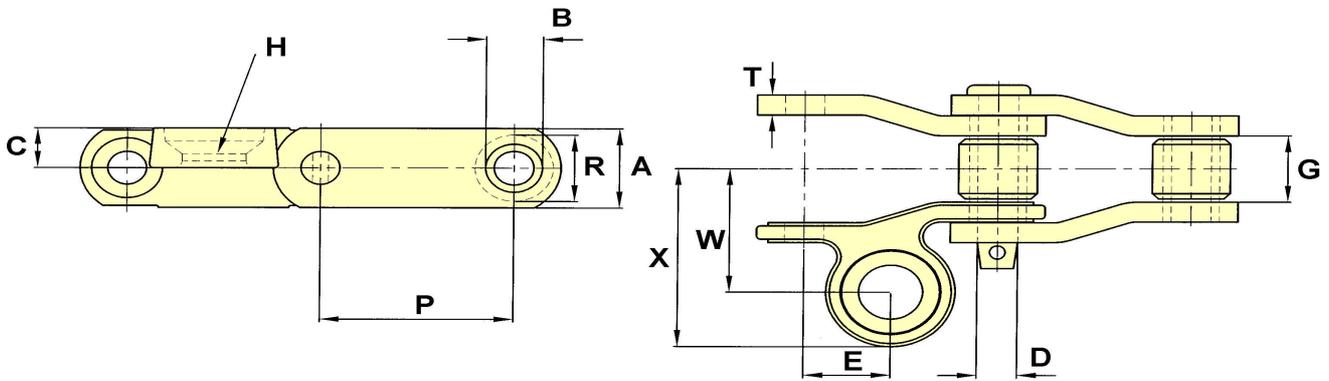
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX. GEARING G	C	F	T
C275	2.750	1,900	20,000	0.62	1.25	1.22	0.56	1.31	0.31



## LUGS

### FORGED LUG

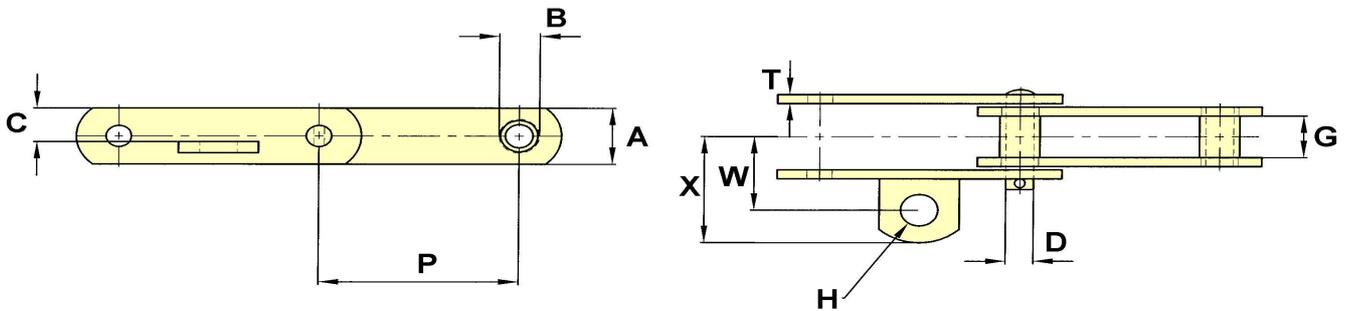
DRAWING NO. 178



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	E	H	T	W
B5043	3.075	4,375	60,000	0.62	1.25	1.50	1.25	0.91	0.75	1.38	0.75	0.38	2.33

### WELDED LUG

DRAWING NO. 177



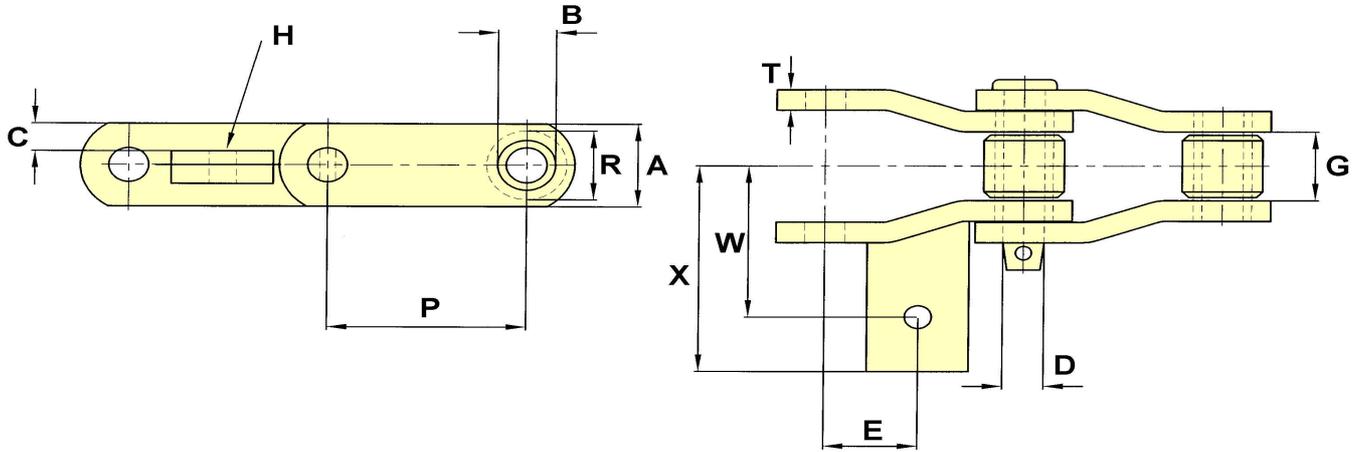
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
B5028	75MM	1,440	20,000	10	25	18.5	15	15	13.80	4	32	46.50
B5039	80MM	2,600	40,000	14	35	25	20	20	19.80	5	43	59

H = NORMAL SWIVEL PIN DIAMETER



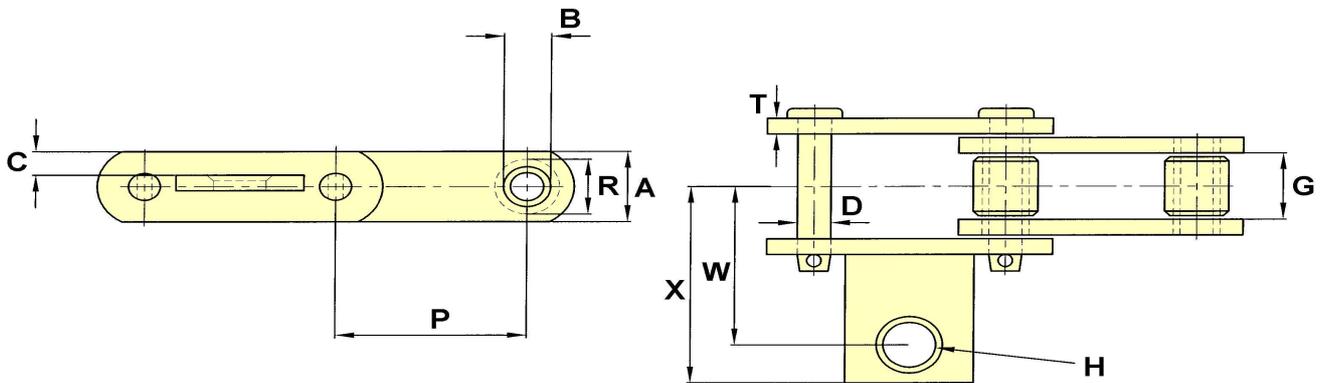
## WELDED LUG

DRAWING NO. 179 H = BOLT DIAMETER



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	E	H	T	W	X
B5043	3.075	4,375	60,000	0.62	1.25	1.5	1.25	0.91	0.50	1.45	0.38	0.38	2.75	3.75

DRAWING NO. 183 H = SWIVEL PIN DIAMETER



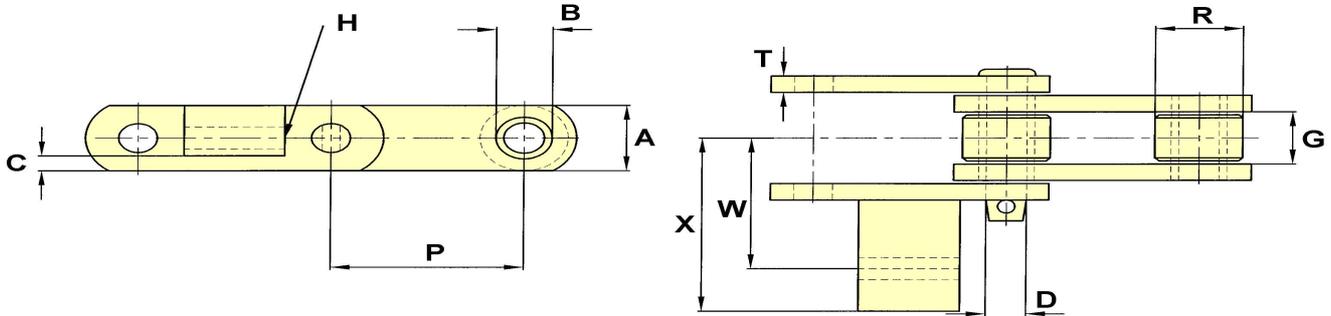
CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
B5020	2.609	2,380	23,000	0.43	0.88	1.13	1.06	0.64	0.38	0.69	0.25	2.50	3.11



## WELDED BLOCK ATTACHMENTS

DRAWING NO. 175

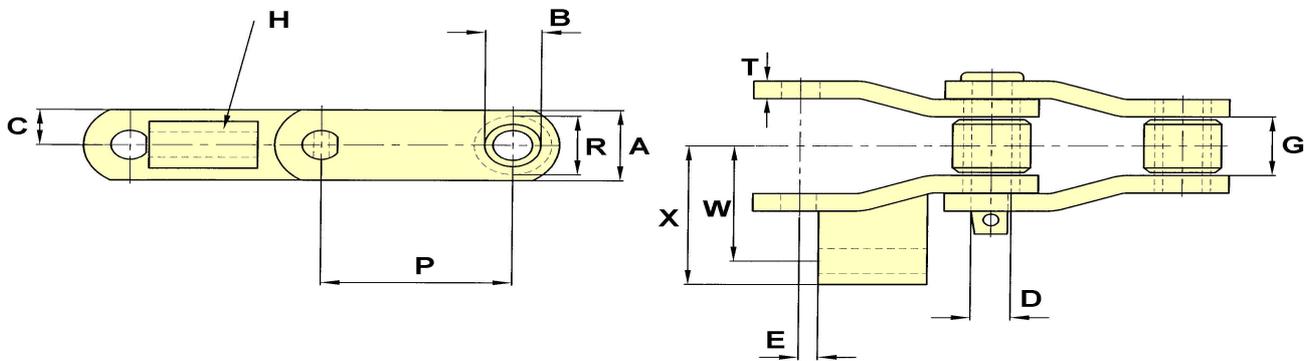
H = BOLT DIAMETER



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
1594	2.75	3,150	30,000	0.56	1.25	1.25	1.00	0.80	0.26	0.38	0.31	2.47	3.13

DRAWING NO. 180

H = BOLT DIAMETER

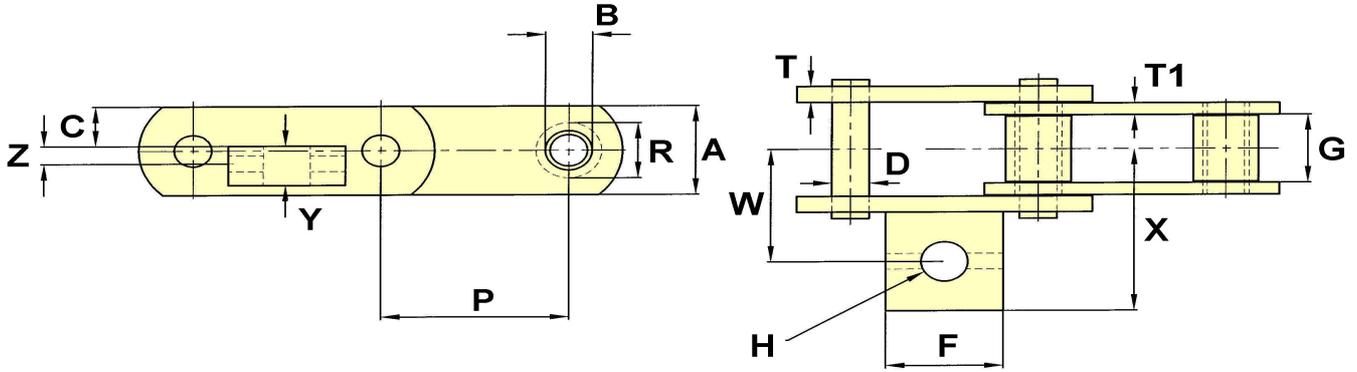


CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	W	X
B5046	3.075	4,950	60,000	0.62	1.25	1.5	1.5	0.91	0.75	0.50	0.31	2.47	2.97



## WELDED BLOCK ATTACHMENTS

DRAWING NO. 227



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	F	H	T	T1	W	X	Y	Z
C80 3403	80	4,000	33,000	16	28	45	34.5	20	20	50	20	8	6	57	82	20	9

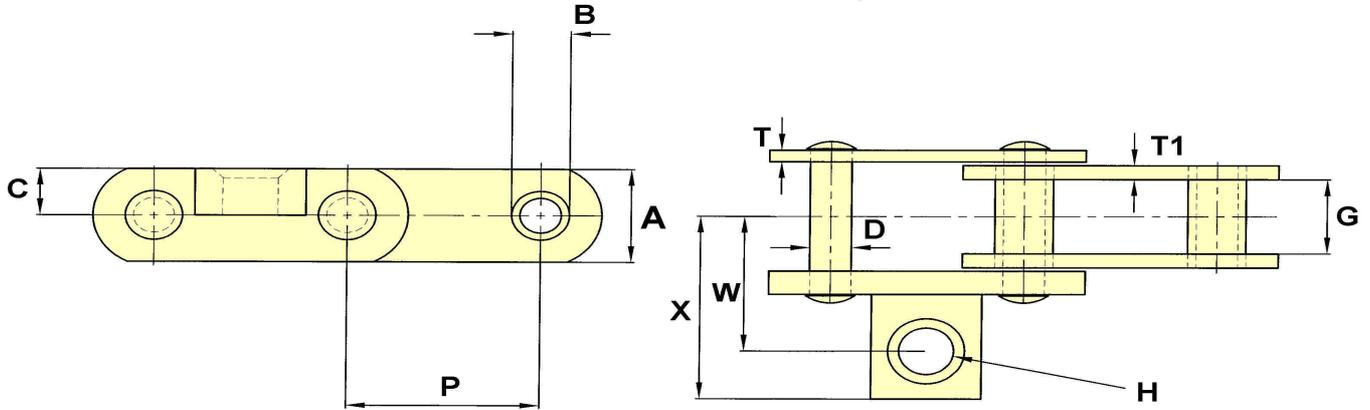
H = HOLE DIAMETER



## WELDED BLOCK ATTACHMENTS

DRAWING NO. 184

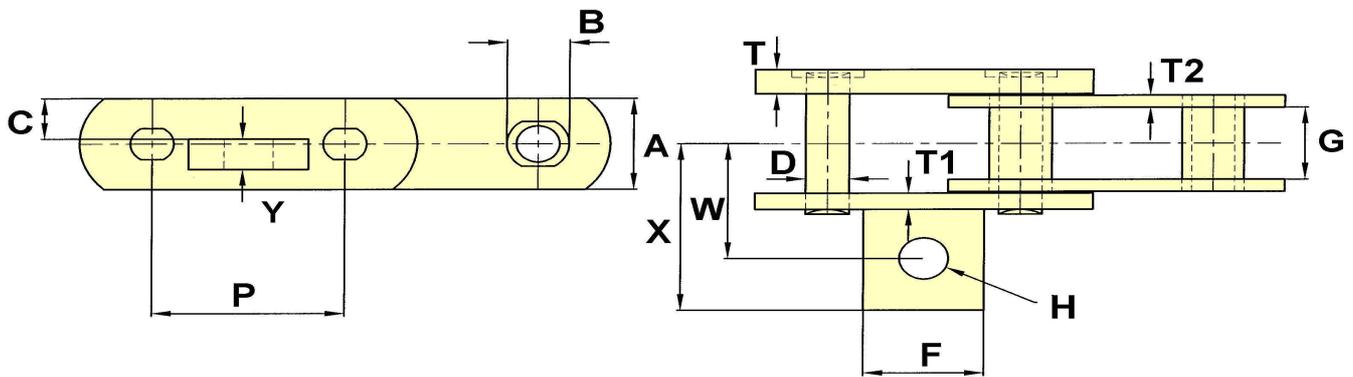
H = HOLE DIAMETER



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	H	T	T1	W	X
C70MM	70	3,600	31,000	15	40	32	21	15	20	5	6	60.50	78

DRAWING NO. 259

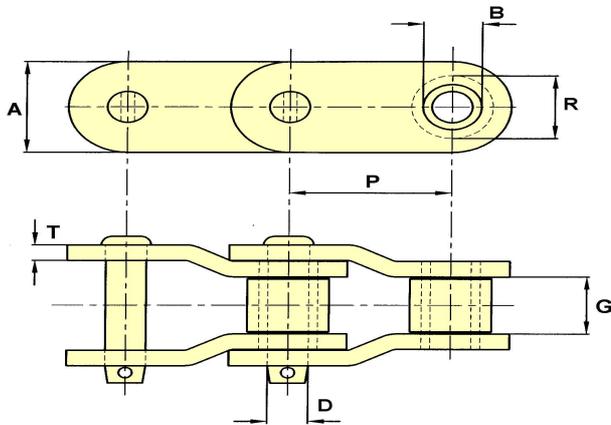
H = HOLE DIAMETER



CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	SIDEBAR DEPTH A	MAX. GEARING G	BUSH DIA. B	C	F	H	T	T1	T2	W	X	Y
C80A	3.15	4,600	33,000	18	45	35	26	20	50	20.40	8	12	6	2.23	3.23	15



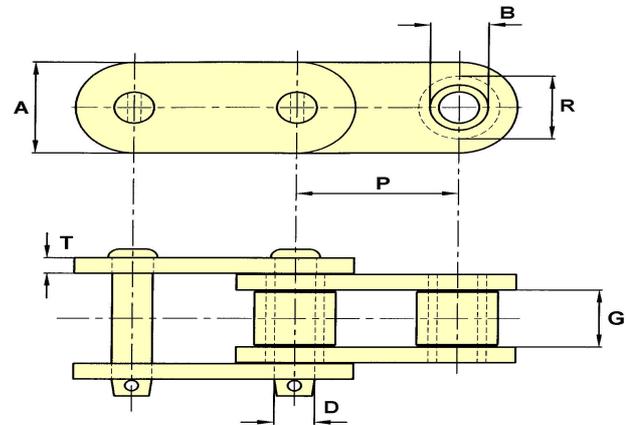
## ROTARY DRIVE CHAINS



DIRECTION OF TRAVEL



STYLE 2 - CRANKED SIDEBAR



DIRECTION OF TRAVEL



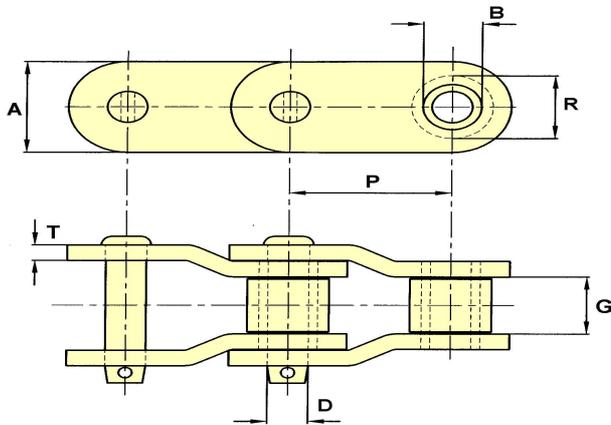
STYLE 1 - STRAIGHT SIDEBAR

CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	SIDEBAR THICKNESS T	MAX. GEARING G	BUSH DIA. B	CHAIN WEIGHT lb/ft	CHAIN STYLE
EXS2065	2.000	3,890	65,000	0.59	1.13	1.63	0.31	1.25	0.87	7.6	2
2500X	2.500	5,190	68,000	0.62	1.25	1.63	0.31	1.50	0.91	8.8	2
64S	2.500	7,500	115,000	0.88	1.56	2.38	0.38	1.53	1.21	12.8	1
EXS882	2.609	2,500	28,000	0.44	0.87	1.13	0.25	1.13	0.64	3.6	2
EXS402	3.075	4,650	48,000	0.62	1.25	1.50	0.31	1.50	0.88	7.4	2
API3P	3.075	5,100	75,000	0.65	1.25	1.56	0.38	1.50	0.91	8.6	2
1190EXX	3.075	5,100	100,000	0.65	1.25	1.75	0.38	1.50	0.91	8.3	2
3012	3.067	6,000	110,000	0.75	1.63	2.25	0.38	1.56	1.13	13.9	2
3067X	3.067	6,000	110,000	0.75	1.63	2.00	0.38	1.58	1.13	12.0	2
2512*	3.067	6,410	115,000	0.75	-	2.13	0.38	1.50	1.25	11.0	2
B7811	3.075	5,100	100,000	0.65	1.25	1.75	0.38	1.50	0.91	8.3	2
E3114	3.090	7,650	140,000	0.88	1.75	2.25	0.50	1.50	1.25	17.5	2
E238R	3.500	7,650	150,000	0.88	1.75	2.25	0.50	1.50	1.25	16.0	2
3514	3.500	7,650	150,000	0.88	1.75	2.25	0.50	1.50	1.25	16.7	2
1664A	4.000	14,700	250,000	1.19	2.25	3.25	0.56	2.19	1.63	28.6	2
API4P	4.063	9,000	150,000	0.88	1.75	2.25	0.50	2.00	1.25	15.7	2
4014	4.063	9,000	150,000	0.88	1.75	2.25	0.50	2.00	1.25	15.7	2

\* = CHAIN NO. 2512 IS A NON-ROLLER CHAIN, AND THEREFORE, THE DIRECTION OF TRAVEL IS OPPOSITE TO ROLLER CHAINS



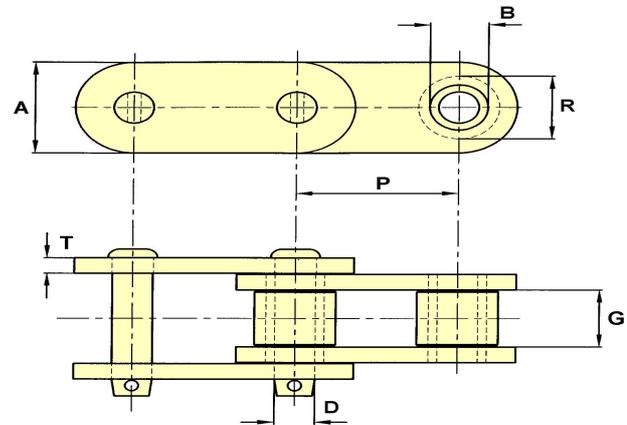
## ROTARY DRIVE CHAINS



DIRECTION OF TRAVEL



STYLE 2 - CRANKED SIDEBAR



DIRECTION OF TRAVEL



STYLE 1 - STRAIGHT SIDEBAR

CHAIN NO.	PITCH P	ALLOW. LOAD	U.T.S.	PIN DIA. D	ROLLER DIA. R	SIDEBAR DEPTH A	SIDEBAR THICKNESS T	MAX. GEARING G	BUSH DIA. B	CHAIN WEIGHT lb/ft	CHAIN STYLE
RX1245	4.073	10,050	170,000	0.94	1.78	2.38	0.56	1.94	1.31	18.7	2
4015A	4.073	10,050	170,000	0.94	1.78	2.38	0.56	1.94	1.31	18.7	2
E4073	4.073	11,500	170,000	1.00	1.78	2.38	0.56	1.94	1.31	18.7	2
4016	4.090	11,500	170,000	1.00	1.87	2.75	0.56	1.94	1.31	22.6	2
4016LR	4.090	11,500	170,000	1.00	2.00	2.75	0.56	1.94	1.31	23.3	2
4500A	4.500	12,200	208,000	1.09	2.25	3.00	0.56	2.06	1.63	24.5	2
EXS5026	5.000	16,130	260,000	1.25	2.50	3.25	0.56	2.56	1.88	31.1	2
5020	5.000	17,500	260,000	1.25	2.50	3.50	0.63	2.75	1.88	35.1	2
EXS5027	5.000	17,500	260,000	1.25	2.50	3.5	0.63	2.75	1.88	35.1	2
1605AAA	5.000	21,000	330,000	1.38	2.50	3.50	0.75	2.56	1.88	39.8	2
5022	5.000	21,000	330,000	1.38	2.50	3.50	0.75	2.56	1.88	39.8	2
E1605	5.000	22,200	330,000	1.38	2.50	3.50	0.75	2.75	1.88	40.3	2
EXS5042	5.000	23,700	420,000	1.50	3.00	4.00	0.75	3.00	2.25	51.6	1
5500A	5.500	23,625	400,000	1.50	3.00	4.00	0.75	3.00	2.25	49.8	2
5524	5.500	23,700	420,000	1.50	3.00	4.00	0.75	3.00	2.25	49.8	2
6024	6.000	23,700	420,000	1.50	3.00	4.00	0.75	3.00	2.25	46.4	2
EXS6042	6.000	23,700	420,000	1.50	3.00	4.00	0.75	3.00	2.25	46.4	2

# Ewart Chain

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