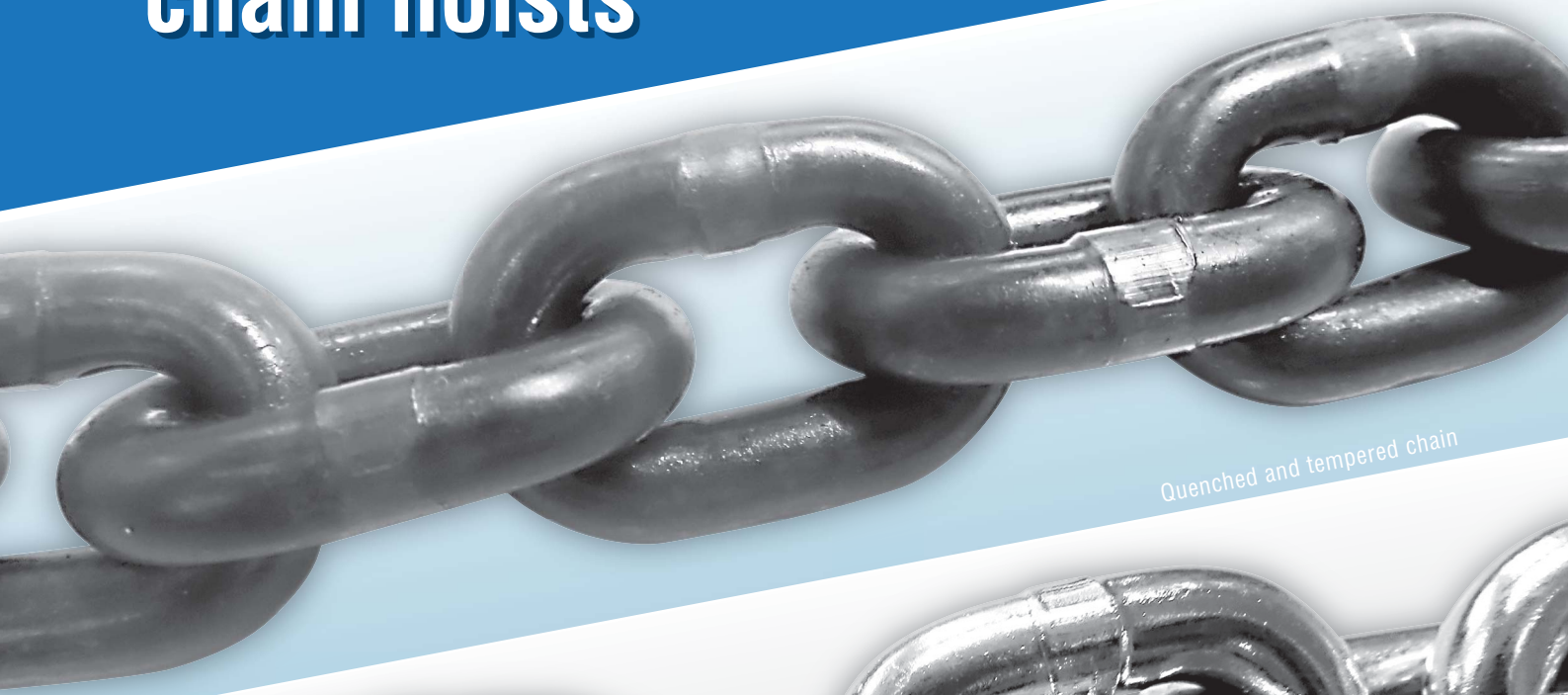
INDUSTRIAL CHAINS

HOIST CHAINS for lever, manual and electric chain hoists



Quenched and tempered chain

Quenched and tempered chain with electro galvanized

Surface hardend chain

http://www.fecchain.co.jp

FEC quality is recognized worldwide, and meets a wide range of needs.

FEC was started in 1957, when automobiles started to become commonplace in Japan, as the first tire chain factory in Japan to be equipped with modern equipment. We have actively expanded our business overseas by producing NACM standard chains and DIN standard chains, with the aim of entering industrial fields including road chains. Today, we have established ourselves as the top manufacturer in Japan in both the tire chain and road chain fields, and the FEC brand has earned high acclaim and strong trust overseas.

Global Level Quality Reliability

FEC industrial chains have earned high acclaim and tremendous trust from customers because of our superior quality and flexible response. Our GB standard and EN standard product lines, produced through our strict quality control system, are widely used in industrial fields abroad.

ISO9001 Certification

ISO14001 Certification

GB Standard Certification


EN Standard Certification

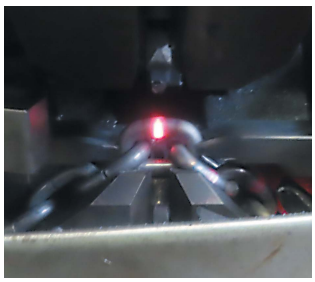
Manufacturing process

Bending

We use our excellent array of production equipment and advanced processing technology to meet strict demands of customers for pitch, width, shape, etc.

Welding

We guarantee the world's best welds with state of the art equipment and thorough management.



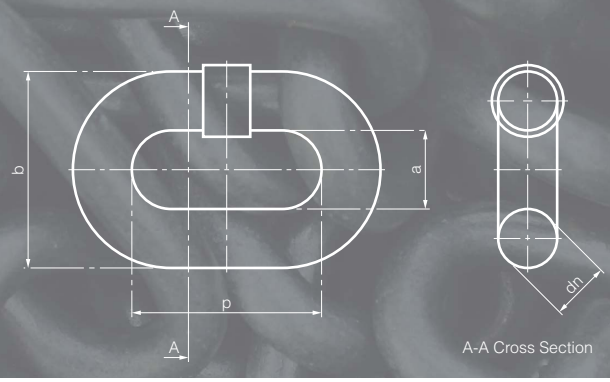
Heat Treatment

We realize the optimal hardness and durability for your applications and needs, with tempering, carburizing, quenching, etc.

Proof Loading

Weld strength for every link is guaranteed with this process.

Please contact us for Non-standard dimensions, various surface treatments, JIS,EN and other standards.



FEC SPEC.CHAIN

Quenched and tempered chain

Non-quenched and tempered chain

Type-V series (GRADE 100) for lever hoist

Material: Alloy steel Elongation: 17% min.

Item number	Nominal size (dn) mm	Pitch (p) mm	Inside link width (a) mm	Outside link width (b) mm	Weight per meter kg/m	Working load limit t	Breaking force kN
4012	4	12	5	14	0.35	0.63	25
5015	5	15	6.2	17.5	0.53	1	40
5617	5.6	17	7.2	19	0.67	1.25	50
6319	6.3	19	8	21	0.86	1.6	63
7121	7.1	21	9.2	23.8	1.09	2	80
8024	8	24	10	28	1.33	2.5	100
9027	9	27	11.3	29.9	1.79	3.2	128
10030	10	30	12.5	33.2	2.16	4	160

*Thorough-hardened chain **Marking : V**

Type-T series (GRADE 80) for manual hoist

Material: Alloy steel Elongation: 15% min.

Item number	Nominal size (dn) mm	Pitch (p) mm	Inside link width (a) mm	Outside link width (b) mm	Weight per meter kg/m	Working load limit t	Breaking force kN
4012	4	12	5	14	0.35	0.5	20
5015	5	15	6.2	17.5	0.53	0.8	31.5
5617	5.6	17	7.2	19	0.67	1	40
6319	6.3	19	8	21	0.86	1.25	50
7121	7.1	21	9.2	23.8	1.09	1.6	63
8024	8	24	10	28	1.33	2	80
9027	9	27	11.3	29.9	1.79	2.5	100
10030	10	30	12.5	33.2	2.16	3.2	128
11234	11.2	34	14.7	37.5	2.68	4	160
12538	12.5	38	15.7	41.6	3.34	5	200

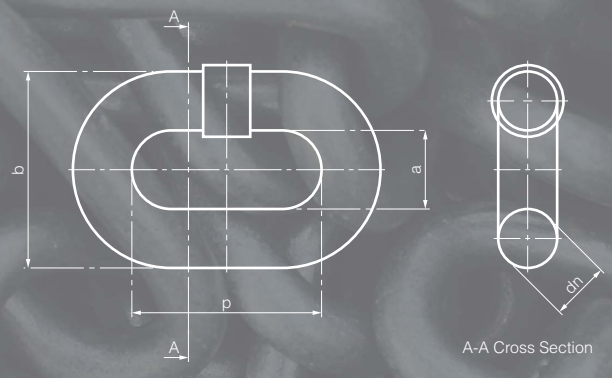
*Thorough-hardened chain **Marking : T**

Type-M series (GRADE 50) for general purpose chain

Material: Alloy steel Elongation: 17% min.

Item number	Nominal size (dn) mm	Pitch (p) mm	Inside link width (a) mm	Outside link width (b) mm	Weight per meter kg/m	Working load limit t	Breaking force kN
4012	4	12	-	-	0.35	0.33	13
5015	5	15	-	-	0.53	0.5	20
5617	5.6	17	-	-	0.67	0.6	25
6319	6.3	19	-	-	0.86	0.78	31
7121	7.1	21	-	-	1.09	1.0	40
8024	8	24	-	-	1.33	1	50
9027	9	27	-	-	1.79	1.60	64
10030	10	30	-	-	2.16	2.0	79
11234	11.2	34	-	-	2.68	2	99
12538	12.5	38	-	-	3.34	3	123

Please contact us for Non-standard dimensions, various surface treatments, JIS,EN and other standards.



FEC SPEC.CHAIN

Surface hardend chain for electric chain hoist

Type-DT series (GRADE 80)

Material: Alloy steel Elongation: 6% min. Hardness: HV550 min.

Item number	Nominal size (dn) mm	Pitch (p) mm	Inside link width (a) mm	Outside link width (b) mm	Weight per meter kg/m	Working load limit t	Breaking force kN
4012	4	12	5	14	0.35	0.4	20
5015	5	15	6.2	17.5	0.53	0.63	31.5
5617	5.6	17	7.2	19	0.67	0.8	40
6319	6.3	19	8	21	0.86	1	50
7121	7.1	21	9.2	23.8	1.09	1.25	63
8024	8	24	10	28	1.33	1.6	80
9027	9	27	11.3	29.9	1.79	2	100
10030	10	30	12.5	33.2	2.16	2.5	128
11234*1	11.2	34	14.7	37.5	2.68	3.2	160

*1: HV500 min.

*Case-hardened chain **Marking : DT**

Type-DAT series (GRADE 80)

Material: Alloy steel Elongation: 10% min. Hardness: HV500 min.

Item number	Nominal size (dn) mm	Pitch (p) mm	Inside link width (a) mm	Outside link width (b) mm	Weight per meter kg/m	Working load limit t	Breaking force kN
4012	4	12	5	14	0.35	0.4	20
5015	5	15	6.2	17.5	0.53	0.63	31.5
5617	5.6	17	7.2	19	0.67	0.8	40
6319	6.3	19	8	21	0.86	1	50
7121	7.1	21	9.2	23.8	1.09	1.25	63
8024	8	24	10	28	1.33	1.6	80
9027	9	27	11.3	29.9	1.79	2	100
10030	10	30	12.5	33.2	2.16	2.5	128
11234*2	11.2	34	14.7	37.5	2.68	3.2	160

*2: HV450 min.

*Case-hardened chain **Marking : DAT**

Marking (example)