

DIAMOND[®]

DIAMOND CHAIN COMPANY



American
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Institute

7F-0003

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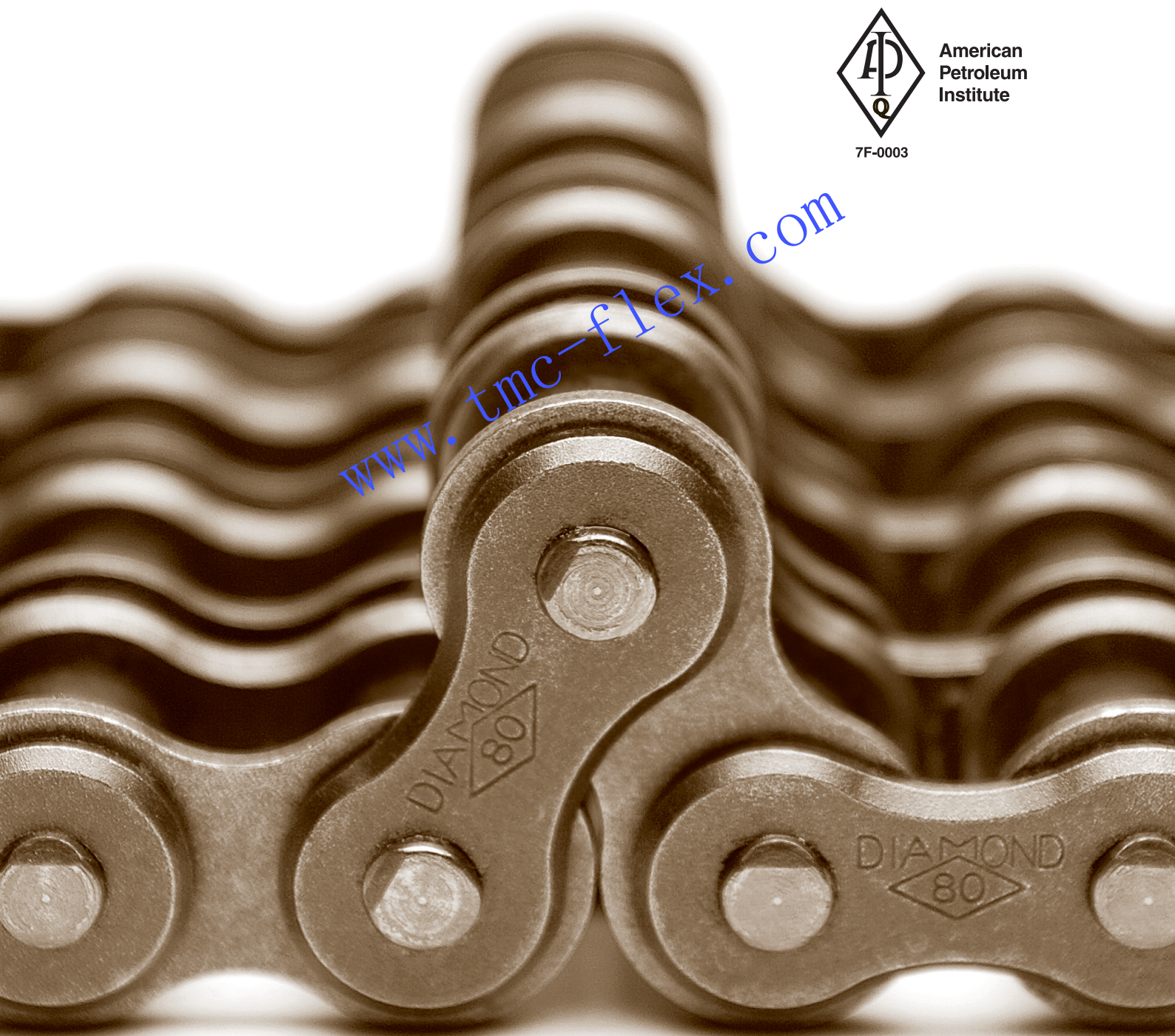




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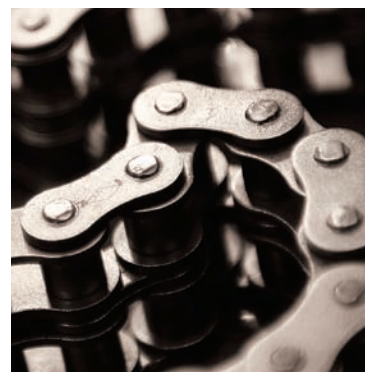
Every Calling is Great, When Greatly Pursued.

OLIVER WENDELL HOLMES

当努力追求时，每一个使命都是伟大的。

At the Diamond Chain Company, the calling to design and manufacture the world's highest-performing roller chain is greatly pursued every day by teams of passionate technical experts who have made your success their life's work. It's that intensity of focus that some of the world's greatest inventors trusted to provide the drive chains they needed to transform the world. From the Wright Brothers, to Henry Ford, to the global leaders of our time, Diamond® chain is the roller chain most trusted to perform, when performance matters most.

在美国钻石链条公司，设计和制造世界最优秀性能的滚子链条是我们技术专家们每天的致力追求。他们充满激情，将您的成功作为他们一生的工作目标！正是凭借对这份专注的信任，许多世界上最伟大的发明家都挑选了我们的产品作为他们改变世界所需的驱动链。从莱特兄弟到亨利福特，再到我们这个时代的全球工业领袖们 Diamond链条都是最值得他们信赖的滚子链条。



OIL AND GAS CHAIN SOLUTIONS

石油和天然气链条方案

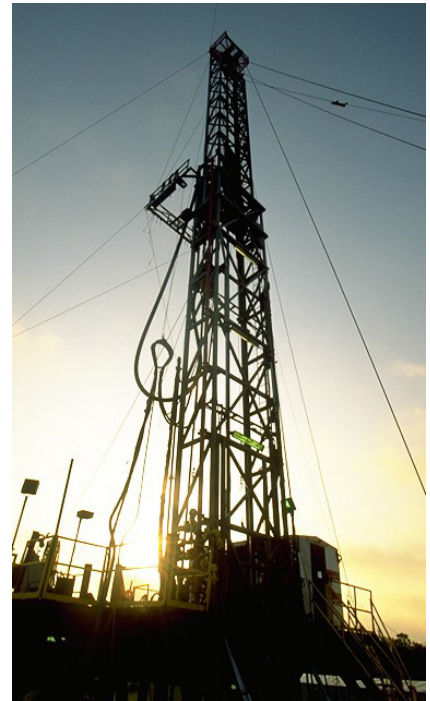
THE DIAMOND CHAIN COMPANY 钻石链条公司

Founded on December 24, 1890, the Diamond Chain Company is one of the most experienced roller chain manufacturers in the world. Driven by the principles of unrivaled experience, unsurpassed quality, and unparalleled performance, the diamond was adopted as the company's trade mark as it symbolized perfection and acts as a constant reminder of the company's core values.

Diamond链条公司于1890年12月24日成立，是世界上最优秀的滚子链条生产商之一。本着万锤千炼的经验、独一无二的质量、无与伦比的性能的生产准则，公司以“钻石”为商标，以此不断提醒钻石人兑现公司核心价值的承诺。

Today, the Diamond Chain Company sets the standard for high performance roller chain with industry leading wear life, warranty, and product selection.

今天，Diamond链条公司凭其业内领先的磨损寿命，品质保证和广泛的产品范围成为高性能滚子链的标准。



WHY CHOOSE DIAMOND CHAIN? 为何选择钻石链条？

Building industry-leading roller chain is a matter of demanding precision and discipline—first to establish unsurpassed standards for material selection, fabrication, and final assembly, and second, to ensure those standards are continuously achieved.

生产行业领先的滚子链条是个精益求精的过程—首先从原材料的选择到最终装配要制定一系列无法超越的标准，其次确保生产过程坚持遵守这些标准。

The challenge when selecting roller chain is that the difference between industry leading chain and all others isn't readily visible, and only really becomes apparent after use. At the Diamond Chain Company, roller chain is our passion, our focus, and our calling. Diamond Chain has mastered the design and manufacturing processes necessary to create consistently high quality, and high performance, roller chain and we know that our processes and products are second to none. In fact, we're so confident that "Nothing Outlasts a Diamond," that we back our products with industry leading warranties against defects in material and workmanship.

选择滚子链条时的挑战是从外观上看不出显著的差异，只有使用后才有明显的对比。在钻石链条公司，滚子链条是我们的热情，专注和追求。Diamond链条设计和生产过程中严格的工序持续打造出高质量高性能的滚子链，我们知道，我们的工序和产品是无企及的。事实上，我们非常有自信，“唯有钻石最恒远”，我们为我们的产品材料和工艺方面提供业内最领先的保证。

From industry launch to industry leader, Diamond chain is the most trusted roller chain when performance matters most.

从行业创始人到行业领导者，Diamond链条在性能方面是最值得信赖的滚子链条。

OIL AND GAS CHAIN SOLUTIONS

石油和天然气链条方案

OIL FIELD ROLLER CHAIN 石油滚子链条

Manufactured up to twelve strands wide, Diamond Chain's multi strand products are available in two types of construction – with center plates slip-fit on the pins or with center plates press-fit on the pins.

钻石公司的标准多排链条最大可做到十二个排，有两种型号结构，即中心链片与销轴之间为滑动配合型或者压入配合型。

DIAMOND ACE® ACE 表面防腐技术

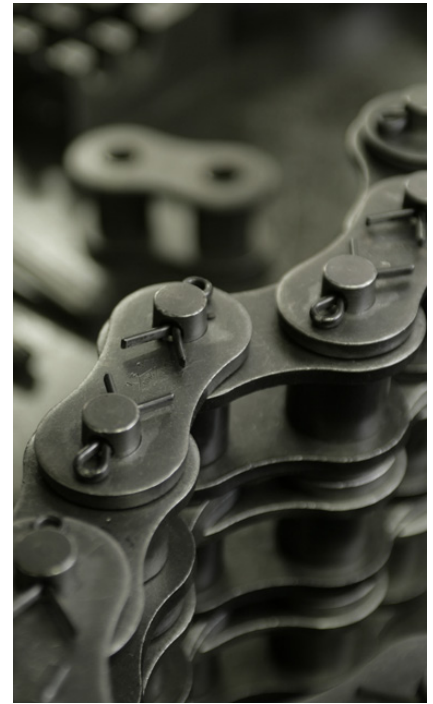
Diamond ACE® (anti-corrosive exterior) roller chains incorporate an electro-chemically bonded, protective exterior coating that is applied to each component part prior to assembly. The protective coating, a specially formulated zinc-nickel alloy with a hex free chromate coating, serves as a physical barrier that provides superior water-resistance, physical, and structural integrity for carbon steel base chain. Diamond ACE® provides the optimum balance between corrosion protection and driver performance.

钻石的ACE（表面防腐）链条，包含有电化学连接，装配前对各个组成构件进行表面保护涂层。保护涂层是一种经过特殊配制的带有铬酸盐转化膜的锌镍合金，作为一种保护屏障，比其他防水链条更能保持碳钢材料链条的物理完整性和结构完整性。钻石公司的ACE链条完美地平衡了链条的防腐性与传动性能。

COILED TUBING INJECTOR CHAIN 连续油管喷射器链条

Diamond series coiled tubing injector chains feature specially manufactured pins for increased tensile strength and improved impact and pin fatigue resistance. Special interference fit coverplates are manufactured to exacting tolerances to minimize pin turning and assure equal distribution of chain working load. Diamond's coil tubing injector chain is available in nickel and ACE® plating for improved water and stress corrosion cracking caused by use in wet environments. Diamond Chain products continually prove themselves to be the most reliable roller chain able to stand up to the strenuous conditions of the oil and gas industry which means longer chain life and increased up-time and production.

Diamond系列连续油管喷射器链条的销轴经过特质而成，抗拉伸强度、抗冲击性和抗疲劳性更高。特殊干涉配合的盖板公差精密，最大化地减少了销轴转动并保证平均分配链条工作载荷。钻石链条公司的连续油管喷射链可镀镍或防腐蚀外部ACE电镀以应对潮湿环境所引起的应力腐蚀破裂。Diamond产品可承受石油和天然气行业的苛刻不利条件 有更长的使用寿命 可为您带来更多的产量。



CHAIN COMPONENTS 链条组成构件

ROLLER LINKS 滚子链节

Standard for all sizes of roller chains, they are furnished as complete roller link assemblies. The two bushings are press-fit in each of the link plates.



普遍用于各个尺寸的滚子链上，提供完整的滚子链节装配。两个套筒通过压入配合与链片连接。这种滚子连接方式适用于单排和多排链条。

SLIP-FIT CENTER PLATES 滑动配合型链片

Slip-fit center plate roller chains are intended for drive applications of moderate severity. They are designed to be easily disassembled, shortened, or elongated with minimal effort.

滑动配合链片型滚子链条最适合于中等强度的驱动器。这些链条在设计上便于整个链条的拆卸和长度上的调整。

PRESS-FIT CENTER PLATES 四节距压入配合偏置链节

Press-fit center plate roller chains are intended for extreme service applications such as power shovels, diesel engines, and oil drilling and pumping units. Roller chains with press-fit construction have significantly greater fatigue strength over slip-fit roller chains due to the rigid support of the pins at each tension point.

压入配合型滚子链条最适用在动力铲、柴油机、石油钻探和水泵机组等重型设备上。压入配合型的滚子链条由于销轴在每一个张力点的坚固的支撑，比滑动配合型的链条具有显著的耐磨性。

FOUR-PITCH PRESS-FIT OFFSET LINK ASSEMBLY

压入配合型滚子链条最适用在动力铲、柴油机、石油钻探和水泵机组等重型设备上。压入配合型的滚子链条由于销轴在每一个张力点的坚固的支撑，比滑动配合型的链条具有显著的耐磨性。

Pins are press-fit in offset link pitch holes. Four-pitch length permits the use of BCL connecting links on either end, giving maximum capacity of chain assembly.



销轴通过压入配合与偏置链节的销轴孔连接，四节距的长度允许在两端使用BCL连接链节，使得链条装配容量最大。

BCL (BUSHED CENTER PLATE LINKS) CONNECTING LINK BUSHED CENTER PLATE LINK

BCL (加衬套中心板接头) 连接链节

The BCL connecting link is constructed using center plate assemblies consisting of two center plates securely held together with two press-fit bushings. These bushings, hardened to resist wear, have inside diameters that are precision ground after assembly in the center plates. The grinding tolerances are extremely close with respect to both the pitch dimension and the hole size to assure a close sliding-fit on the chain pins.

BCL连接接头用中心链片装配件将两个中心链片和两个压入配合型衬套紧固连接在一起。这些衬套经过硬化耐磨处理，与中心链片装配后有经精密研磨的内径。研磨公差与节距尺寸和孔的大小密切相关，确保在链条销轴上能够紧密滑动配合。



These features reduce the possibility of any relative motion between pins and bushings assuring equal distribution of chain load across pins. Diamond BCL connecting links are available for 5/8" through 2 1/2" pitch standard series multi strand roller chain.

这些特征减少了销轴和套筒之间任何相对移动的可能性，确保了链条载荷在销轴上的均匀分布。钻石BCL连接接头可用于5/8英寸至2-1/2英寸节距的标准系列压入配合型中心链片多排链条。

OIL FIELD ROLLER CHAIN 油田滚子链条

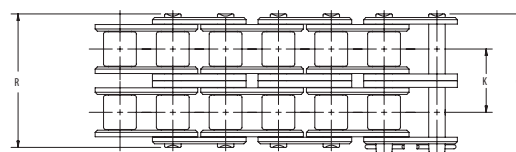
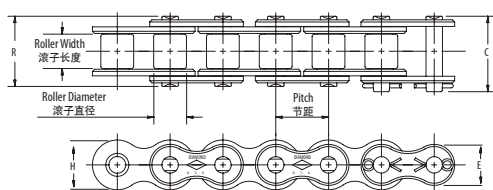
CHAIN DESCRIPTIONS AND DIMENSIONS 链条描述和尺寸

Roller chains used in the oil and gas industry are subjected to some of the greatest operating loads and harshest environments. Diamond Chain produces its oil and gas roller chain to meet or exceed the standards set by the American Petroleum Institute's (API) Specification 7F*. It is highly recommended that multi strand chains used in oil field operations be constructed with press-fit center plates.

用在石油和天然气行业的滚子链条要经受最大的负载和最恶劣的环境。这些条件比起工业中常见的应用环境要恶劣很多倍。这些石油链条可以是单排或多排链条，既有铆钉式结构也有销子式结构。



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Dimensions in mm 单位：英寸

ANSI NUMBER 链号	PITCH 节距 mm	ROLLER WIDTH 滚子长度 mm	ROLLER DIAMETER 滚子直径 mm	PIN DIAMETER 销轴直径 mm	LINK PLATE THICKNESS 链片厚度 mm	C	R	K 排距 mm	KILOGRAMS PER METER 每米重量	AVERAGE TENSILE STRENGTH 平均拉伸载荷 N	E* 外链片高度 mm	H* 内链片高度 mm
60	19.05	12.70	11.91	5.94	2.39	28.19	26.42	...	0.011	37810	15.62	18.11
60-2	19.05	12.70	11.91	5.94	2.39	51.05	49.28	22.78	0.022	75620	15.62	18.11
60-3	19.05	12.70	11.91	5.94	2.39	73.91	72.14	22.78	0.033	113430	15.62	18.11
60-4	19.05	12.70	11.91	5.94	2.39	96.77	95.00	22.78	0.045	151240	15.62	18.11
60-5	19.05	12.70	11.91	5.94	2.39	119.63	117.86	22.78	0.057	189049	15.62	18.11
60-6	19.05	12.70	11.91	5.94	2.39	142.24	140.46	22.78	0.069	226859	15.62	18.11
60-8	19.05	12.70	11.91	5.94	2.39	187.96	186.18	22.78	0.091	302479	15.62	18.11
60-10	19.05	12.70	11.91	5.94	2.39	233.43	231.65	22.78	0.114	378099	15.62	18.11
60H	19.05	12.70	11.91	5.94	3.18	31.50	29.72	...	0.014	37810	15.62	18.11
60H-2	19.05	12.70	11.91	5.94	3.18	57.66	55.88	26.11	0.027	75620	15.62	18.11
60H-3	19.05	12.70	11.91	5.94	3.18	84.07	82.30	26.11	0.040	113430	15.62	18.11
60H-4	19.05	12.70	11.91	5.94	3.18	110.24	108.20	26.11	0.053	151240	15.62	18.11
80	25.40	15.88	15.88	7.92	3.18	36.58	33.53	...	0.020	64499	20.83	24.13
80-2	25.40	15.88	15.88	7.92	3.18	65.79	62.74	29.29	0.039	128998	20.83	24.13
80-3	25.40	15.88	15.88	7.92	3.18	95.00	91.95	29.29	0.058	193498	20.83	24.13
80-4	25.40	15.88	15.88	7.92	3.18	124.46	121.67	29.29	0.078	257997	20.83	24.13
80-5	25.40	15.88	15.88	7.92	3.18	153.92	150.88	29.29	0.097	322496	20.83	24.13
80-6	25.40	15.88	15.88	7.92	3.18	183.39	180.34	29.29	0.116	386995	20.83	24.13
80-8	25.40	15.88	15.88	7.92	3.18	242.06	238.76	29.29	0.154	515994	20.83	24.13
80H	25.40	15.88	15.88	7.92	3.96	39.88	36.83	...	0.023	64499	20.83	24.13
80H-2	25.40	15.88	15.88	7.92	3.96	72.14	69.09	32.59	0.045	128998	20.83	24.13
80H-3	25.40	15.88	15.88	7.92	3.96	105.16	102.11	32.59	0.068	193498	20.83	24.13
80H-4	25.40	15.88	15.88	7.92	3.96	137.67	134.62	32.59	0.091	257997	20.83	24.13

ANSI 60 and larger chains are available as cottered or riveted type design.
Multiple strand chains are available with slip-fit (standard) or press-fit center plates.

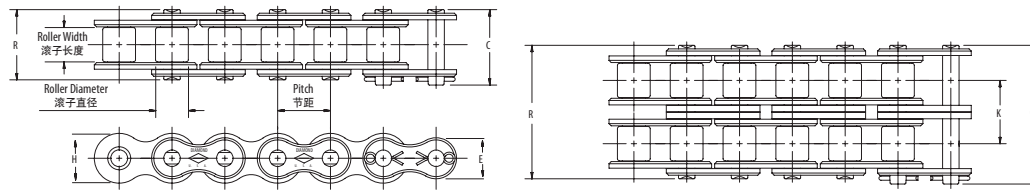
ANSI 60及以上的链条还有销子或铆接连接的方式供货。
多排链条可选滑动配合(标准)或压入配合型中心链片。

Chart continues on next page.
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* Maximum values are shown.

*显示的为最大值

OIL FIELD ROLLER CHAIN 油田滚子链条



Dimensions in mm 单位: 英寸

ANSI NUMBER 链号	PITCH 节距 mm	ROLLER WIDTH 滚子长度 mm	ROLLER DIAMETER 滚子直径 mm	PIN DIAMETER 销轴直径 mm	LINK PLATE THICKNESS 链片厚度 mm	C	R	K 排距 mm	KILOGRAMS PER METER 每米重量	AVERAGE TENSILE STRENGTH 平均拉伸载荷 N	E* 外链片高度 mm	H* 内链片高度 mm
100	31.75	19.05	19.05	9.53	3.96	43.94	40.89	....	0.029	106757	26.04	30.18
100-2	31.75	19.05	19.05	9.53	3.96	79.76	76.71	35.76	0.057	213515	26.04	30.18
100-3	31.75	19.05	19.05	9.53	3.96	115.82	112.52	35.76	0.085	320272	26.04	30.18
100-4	31.75	19.05	19.05	9.53	3.96	151.64	148.34	35.76	0.113	427029	26.04	30.18
100-5	31.75	19.05	19.05	9.53	3.96	187.45	184.15	35.76	0.141	533787	26.04	30.18
100-6	31.75	19.05	19.05	9.53	3.96	223.01	219.96	35.76	0.168	640544	26.04	30.18
100-8	31.75	19.05	19.05	9.53	3.96	294.64	291.59	35.76	0.224	854059	26.04	30.18
100H	31.75	19.05	19.05	9.53	4.75	47.24	44.20	....	0.032	106757	26.04	30.18
100H-2	31.75	19.05	19.05	9.53	4.75	86.61	83.31	39.09	0.064	213515	26.04	30.18
100H-3	31.75	19.05	19.05	9.53	4.75	125.73	122.43	39.09	0.096	320272	26.04	30.18
100H-4	31.75	19.05	19.05	9.53	4.75	164.85	160.02	39.09	0.127	427029	26.04	30.18
120	38.10	25.40	22.23	11.10	4.75	54.36	50.80	....	0.043	151240	31.24	36.20
120-2	38.10	25.40	22.23	11.10	4.75	99.82	96.27	35.76	0.085	302479	31.24	36.20
120-3	38.10	25.40	22.23	11.10	4.75	145.29	141.73	35.76	0.128	453719	31.24	36.20
120-4	38.10	25.40	22.23	11.10	4.75	191.01	187.45	35.76	0.169	604958	31.24	36.20
120-5	38.10	25.40	22.23	11.10	4.75	236.47	232.92	35.76	0.212	756198	31.24	36.20
120-6	38.10	25.40	22.23	11.10	4.75	281.94	278.38	35.76	0.255	907437	31.24	36.20
120-8	38.10	25.40	22.23	11.10	4.75	372.87	369.32	35.76	0.340	1209916	31.24	36.20
120-10	38.10	25.40	22.23	11.10	4.75	463.80	460.25	35.76	0.424	1512395	31.24	36.20
120H	38.10	25.40	22.23	11.10	5.56	57.66	54.10	....	0.047	151240	31.24	36.20
120H-2	38.10	25.40	22.23	11.10	5.56	106.68	116.84	48.87	0.093	302479	31.24	36.20
120H-3	38.10	25.40	22.23	11.10	5.56	155.70	152.15	48.87	0.138	453719	31.24	36.20
120H-4	38.10	25.40	22.23	11.10	5.56	204.72	201.17	48.87	0.184	604958	31.24	36.20
120H-6	38.10	25.40	22.23	11.10	5.56	302.51	298.96	48.87	0.275	907437	31.24	36.20
140	44.45	25.40	25.40	12.70	5.56	58.67	54.36	....	0.058	204618	36.45	42.24
140-2	44.45	25.40	25.40	12.70	5.56	107.70	103.38	48.87	0.111	409236	36.45	42.24
140-3	44.45	25.40	25.40	12.70	5.56	156.46	152.40	48.87	0.165	613855	36.45	42.24
140-4	44.45	25.40	25.40	12.70	5.56	205.49	201.42	48.87	0.218	818473	36.45	42.24
140-6	44.45	25.40	25.40	12.70	5.56	303.28	299.21	48.87	0.325	1227709	36.45	42.24
140H	44.45	25.40	25.40	12.70	6.35	61.98	57.91	....	0.062	204618	36.45	42.24
140H-2	44.45	25.40	25.40	12.70	6.35	114.30	110.24	52.20	0.123	409236	36.45	42.24
140H-3	44.45	25.40	25.40	12.70	6.35	166.62	162.31	52.20	0.183	613855	36.45	42.24
140H-4	44.45	25.40	25.40	12.70	6.35	218.95	214.63	52.20	0.243	818473	36.45	42.24
160	50.80	31.75	28.58	14.27	6.35	69.34	64.52	....	0.075	257997	41.66	48.26
160-2	50.80	31.75	28.58	14.27	6.35	128.02	123.19	58.55	0.148	515994	41.66	48.26
160-3	50.80	31.75	28.58	14.27	6.35	186.69	181.86	58.55	0.219	773991	41.66	48.26
160-4	50.80	31.75	28.58	14.27	6.35	245.36	240.54	58.55	0.295	1031987	41.66	48.26
160-6	50.80	31.75	28.58	14.27	6.35	362.46	357.89	58.55	0.435	1547981	41.66	48.26
160H	50.80	31.75	28.58	14.27	7.14	72.64	68.07	....	0.081	257997	41.66	48.26
160H-2	50.80	31.75	28.58	14.27	7.14	134.62	130.05	61.87	0.160	515994	41.66	48.26
160H-3	50.80	31.75	28.58	14.27	7.14	196.85	192.02	61.87	0.238	773991	41.66	48.26
160H-4	50.80	31.75	28.58	14.27	7.14	258.32	254.00	61.87	0.318	1031987	41.66	48.26

ANSI 60 and larger chains are available as cottered or riveted type design.
Multiple strand chains are available with slip-fit (standard) or press-fit center plates.

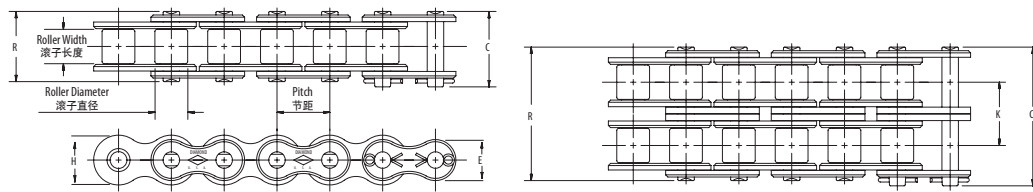
ANSI 60 及以上的链条还有销子或铆接连接的方式供货。
多排链条可选滑动配合(标准)或压入配合型中心链片。

* Maximum values are shown.

* 显示的为最大值

OIL FIELD ROLLER CHAIN 油田滚子链条

CHAIN DESCRIPTIONS AND DIMENSIONS 链条描述和尺寸



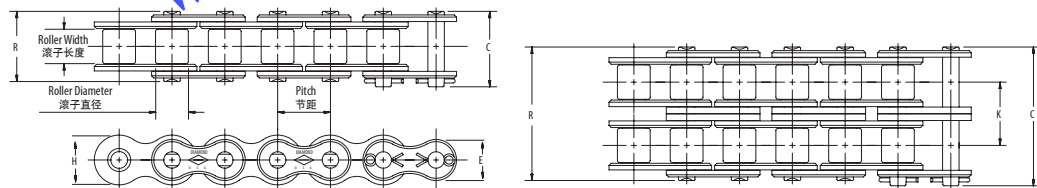
Dimensions in mm 单位: 英寸

ANSI NUMBER 链号	PITCH 节距 mm	ROLLER WIDTH 滚子长度 mm	ROLLER DIAMETER 滚子直径 mm	PIN DIAMETER 销轴直径 mm	LINK PLATE THICKNESS 链片厚度 mm	C	R	K 排距 mm	KILOGRAMS PER METER 每米重量	AVERAGE TENSILE STRENGTH 平均拉伸载荷 N	E* 外链片高度 mm	H* 内链片高度 mm
180	35.72	35.71	17.45	7.14	80.01	73.15	....	....	0.104	338065	46.86	54.31
180-2	35.72	35.71	17.45	7.14	146.05	139.19	65.84	2.592	0.204	676130	46.86	54.31
180-3	35.72	35.71	17.45	7.14	211.84	204.98	65.84	2.592	0.302	1014195	46.86	54.31
180H	35.72	35.71	17.45	7.92	83.31	76.45	....	....	0.110	338065	46.86	54.31
180H-2	35.72	35.71	17.45	7.92	152.40	145.54	69.16	2.723	0.217	676130	46.86	54.31
180H-3	35.72	35.71	17.45	7.92	221.74	214.88	69.16	2.723	0.324	1014195	46.86	54.31
200	38.10	39.67	19.84	7.92	87.38	79.25	....	....	0.123	422581	52.07	60.33
200-2	38.10	39.67	19.84	7.92	159.00	150.88	71.55	2.817	0.248	845162	52.07	60.33
200-3	38.10	39.67	19.84	7.92	230.63	222.50	71.55	2.817	0.372	1267743	52.07	60.33
200-4	38.10	39.67	19.84	7.92	302.26	294.13	71.55	2.817	0.494	1690324	52.07	60.33
200-6	38.10	39.67	19.84	7.92	445.01	437.13	71.55	2.817	0.743	2535486	52.07	60.33
200H	38.10	39.67	19.84	9.53	94.23	86.11	....	....	0.154	489304	52.07	60.33
200H-2	38.10	39.67	19.84	9.53	172.47	164.59	78.31	3.083	0.304	978609	52.07	60.33
200H-3	38.10	39.67	19.84	9.53	250.95	242.82	78.31	3.083	0.477	1467913	52.07	60.33
240	47.63	47.63	23.80	9.53	109.73	97.28	....	....	0.156	701040	61.52	71.27
240-2	47.63	47.63	23.80	9.53	197.36	184.66	87.83	3.418	0.385	1402079	61.52	71.27
240-3	47.63	47.63	23.80	9.53	285.24	272.54	87.83	3.458	0.573	2103119	61.52	71.27
240H	47.63	47.63	23.80	12.70	123.19	110.49	....	....	0.243	701040	61.52	71.27

ANSI 60 and larger chains are available as cottered or riveted type design.
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ANSI 60 及以上的链条还有销子或铆接连接的方式供选。
多排链条可选滑动配合 (标准) 或压入配合型中心链片。

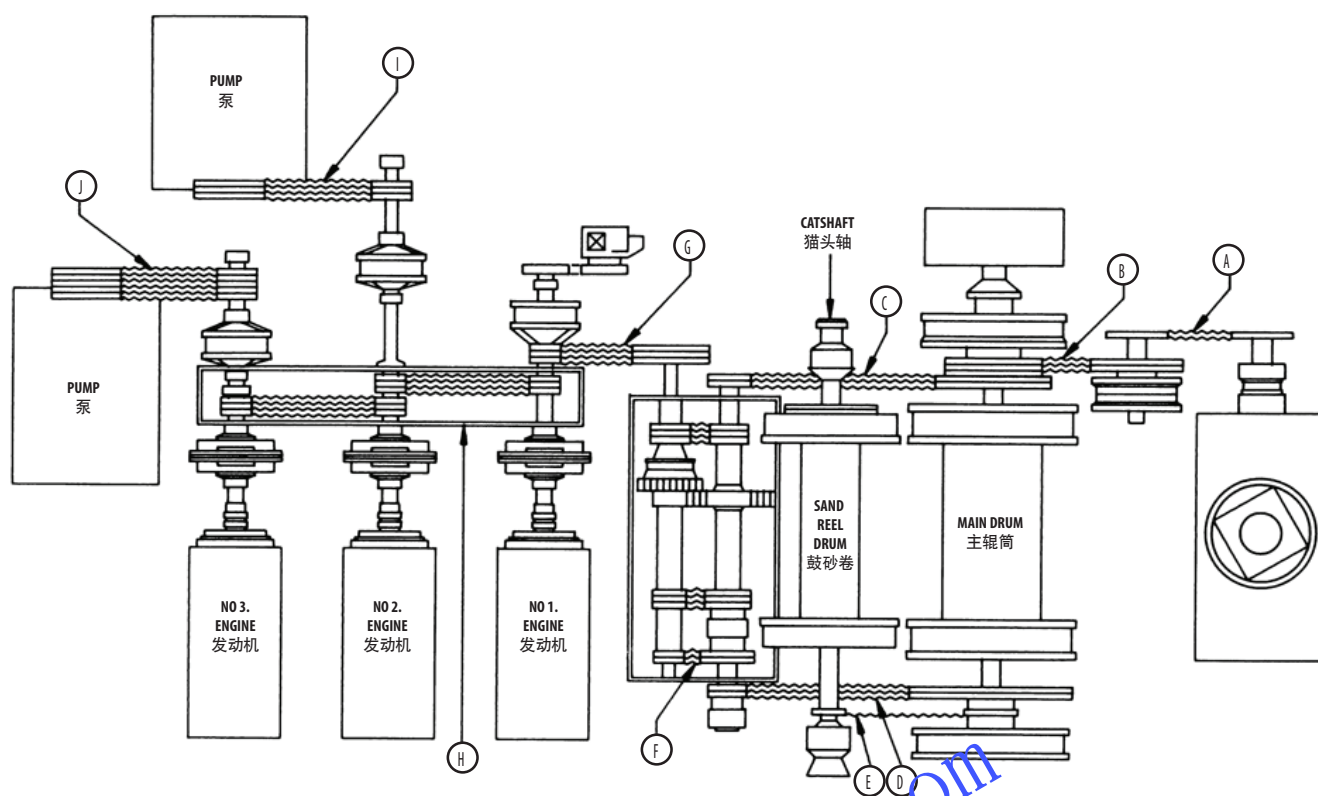
In addition to the core line of oil and gas roller chain, the Diamond Chain Company produces several specialty roller chains for oil and gas applications. 除以上核心滚子链条外, 钻石链条公司还生产其它应用在石化行业的特殊滚子链条。



Dimensions in mm 单位: 英寸

ANSI NUMBER 链号	PITCH 节距 mm	ROLLER WIDTH 滚子长度 mm	ROLLER DIAMETER 滚子直径 mm	PIN DIAMETER 销轴直径 mm	LINK PLATE THICKNESS 链片厚度 mm	C	R	K 排距 mm	KILOGRAMS PER METER 每米重量	AVERAGE TENSILE STRENGTH 平均拉伸载荷 N
72	38.10	12.70	22.23	11.10	4.75	47.24	43.69	...	0.04	151240
427-2	38.10	19.05	22.23	11.10	4.75	87.63	83.82	39.27	0.08	302479
472-3	38.10	19.05	22.23	11.10	4.75	127.00	123.19	39.27	0.12	453719
472-4	38.10	19.05	22.23	11.10	4.75	166.37	162.81	39.27	0.15	604958
264	63.50	38.10	39.67	22.23	9.53	94.23	86.11	...	0.16	660561
264-3	63.50	38.10	39.67	22.23	9.53	250.95	242.82	78.31	0.47	660561

OIL FIELD ROLLER CHAIN 油田滚子链条



CHAIN DRIVE 链条传动	RIC HORSEPOWER 钻探设备功率						
	4000	3000	2000	1500	1000	750	500
A. ROTARY TABLE 回转工作台	160-2	160-2 200H-1	160-2	160-2 140-2	140-2 160-1	140-2 160-1	140-1 120-1
B. ROTARY COUNTERSHAFT 旋转副轴	160-2	160-2 200H-1	160-2	160-2 140-2	140-2 160-1	140-2 160-1	140-1 120-1
C. HIGH DRUM 高辊筒	240-3	200H-3	160-4	160-3	140-3 160-2	160-2 140-2	120-3 140-2
D. LOW DRUM 低辊筒	240-3	200H-3	160-4	160-3	140-3 160-2	160-2 140-3	120-3 140-2
E. CATSHAFT 猫头轴	160-2	160-2 200H-1	160-2	160-1 140-2	160-1 140-2	160-1 140-2	140-1 120-1
F. TRANSMISSION 变速箱	140-8	160-4 200H-3	160-4 160-3	160-3	160-2 140-3	140-2	120-2 100-3
G. DRAWWORKS INPUT 绞车输入	140-8	120-8	120-6	120-4	120-3 120-4	100-4	100-3 100-4
H. COMPOUND 复式发动机	140-8	120-8	120-6	120-4	120-3 120-4	100-4	100-3
I. & J. MUD PUMP DRIVES 泥浆泵传动	140-8	120-8	120-8 120-6	120-6 120-4	120-4 120-3	100-6 100-4	100-4 100-3