

ITEM	RUSTLESS CHAIN (N)	HI-GUARD CHAIN (E)	DOUBLE GUARD CHAIN (WE)	STAINLESS STEEL CHAIN		STAINLESS STEEL X-RING CHAIN (SSLT)	TK CHAIN (TK)
				#SS	#SSK		
ITEM							
FEATURE	<ol style="list-style-type: none"> Special nickel plated finish. Where brilliance and cleanliness are required. Strong corrosion resistance (highly resistant to salt water spray and acid atmosphere). 	<ol style="list-style-type: none"> High corrosion resistant film coating. Where long periods of seasonal inactivity create need for protection against indoor or out. Outstanding resistant to rusting or corrosion, particularly in salt water environments. 	<ol style="list-style-type: none"> Rust protection "twice as tough" as D.I.D Hi-Guard Chain. Amazing performance in acidic and alkaline atmospheres. The tensile strength and working load is the same as ANSI standard chain and makes the downsizing possible where stainless steel 	<ol style="list-style-type: none"> SUS304 Where chain is exposed to chemicals, water and high temperature. The best resistance to corrosion and heat. 	<ol style="list-style-type: none"> SUS304 (plate)+SUS631 (pin, bushing, and roller). Where chain is exposed to chemicals, water and high temperature. 1.5 times greater allowable, load than SS type. 	<ol style="list-style-type: none"> Up to 10 times greater wear resistance performance compared to standard stainless steel chain. Great cost savings can be achieved through longer life and less down time. The patented X-ring design provides great sealing performance at half 	<ol style="list-style-type: none"> Chain is made of special alloy steel lubricated with a special grease, both ideally suited for cold temperature operation. Where temperature reaches to-40 degree C. (-40 degree F.) Excellent strength and operation at low temperatures.
FUNCTION							
MAJOR USAGE							

Table of Environment Resistant Chain Series

Chain No.	Rustless	Hi-Guard	Double Guard	Stainless Steel			TK	Chain No.	Rustless	Hi-Guard	Double Guard	Stainless Steel			TK
				Non O-Ring	X-Ring							Non O-Ring	X-Ring		
DID 25	N	—	—	SS	—	—	—	DID C2040	N	E	WE	SS	SSK	SSLT	—
DID 35	N	E	—	SS	—	—	—	DID C2042	N	E	WE	SS	SSK	SSLT	—
DID 41	N	—	—	—	—	—	—	DID C2050	N	E	WE	SS	SSK	SSLT	—
DID 40	N	E	WE	SS	SSK	SSLT	TK	DID C2052	N	E	WE	SS	SSK	SSLT	—
DID 50	N	E	WE	SS	SSK	SSLT	TK	DID C2060H	N	E	WE	SS	SSK	SSLT	—
DID 60	N	E	WE	SS	SSK	SSLT	TK	DID C2062H	N	E	WE	SS	SSK	SSLT	—
DID 80	N	E	WE	SS	SSK	SSLT	TK	DID C2080H	N	E	WE	—	—	SSLT	—
DID 100	N	E	—	SS	SSK	—	TK	DID C2082H	N	E	WE	—	—	SSLT	—
DID 120	N	E	—	SS	SSK	—	TK	DID C2100H	N	E	—	—	—	—	—
DID 140	N	(E)	—	SS	—	—	TK	DID C2102H	N	E	—	—	—	—	—
DID 160	N	(E)	—	SS	—	—	TK	DID C2120H	N	E	—	—	—	—	—
DID 180	—	(E)	—	—	—	—	—	DID C2122H	N	E	—	—	—	—	—
DID 200	—	(E)	—	SS	—	—	—	DID C2160H	—	(E)	—	—	—	—	—
DID 240	—	(E)	—	—	—	—	—	DID C2162H	—	(E)	—	—	—	—	—

Explanation of Symbols

Function	Corrosive atmosphere (by CAS test) Atmosphere where cleanliness is required. Temperature range use. Index of tensile strength (Standard chain is the base line.) Great cost savings can be achieved through longer life and less down time.	Atmosphere where exposure to rain, moisture, and sea water is present. Temperature range use. Dirty or contaminated lubricants or deterioration of lubrication.	Atmosphere where liquid is present. Allowable temperature range of surface kiln. Sandy or dusty atmosphere.	Atmosphere where acid liquid is present. Index of allowable load. (Standard roller chain is the base.) Where lubrication is infrequent or prohibited.
Major Usage	As conveyor chain in vending machine. As conveyor and drive chain in conveyance machine. As drive chain in construction machine. As conveyor and drive chain in medical or pharmaceutical equipment.	As conveyor and drive chain in food processing machine. As conveyor and drive chain in outdoor equipment.	As conveyor and drive chain in packing machine. As conveyor and drive chain in chemical processing equipment. As conveyor and drive chain in outdoor equipment.	As conveyor and drive chain in textile machine. As conveyor and drive chain in printing machine. As drive chain in construction machine.

1 When the chain is used for hoisting, please consult us.
2 Please consult us when the chain is used under specific chemical circumstances.

	"V" GREASE / SOLID BUSHING CHAIN (T),(D)	DH-Q CHAIN (DHA)	X-RING/ O-RING CHAIN (LX)/(LD,BL)	SINTERED BUSHING ROLLER CHAIN (UR),(URN)
ITEM				
FEATURE	<ul style="list-style-type: none"> ① Incorporating high precision solid bushing. ② Ideally suited when increased wear resistance is required. ③ 1.2 to 4 times longer wear life than standard chain. 	<ul style="list-style-type: none"> ① Forming extremely hardened carbide layer on pin surface. ② Suitable for bad atmosphere such as deterioration of lubrication and invasion of contaminant particles between pin and bushing. ③ 1.2 to 7 times longer wear life than standard chain 	<ul style="list-style-type: none"> ① DID X-Ring chain is the best value of maintenance-free chain available. ② The patented X-Ring design has half the friction of normal O-Ring chain and provides great sealing performance. It keeps the dirt out and the grease in much better than any other O-Rings. ③ Up to 2 times longer wear resistance performance compared to normal O-Ring chains. ④ Great cost savings can be achieved through longer life and less down time. 	<ul style="list-style-type: none"> ① Sintered bushing is incorporated. ② Ultimate Life Chain for low speed and light load applications. ③ 5 times longer wear life than standard chain.
FUNCTION				
MAJOR USAGE				

Table of Ultimate Life Chain Series

Chain No.	Solid Bushing	DH-a	X-Ring O-Ring	Sintered Bushing	Chain No.	Solid Bushing	DH-a	X-Ring O-Ring	Sintered Bushing
DID 25	T	DHA	---	---	DID C2040	D	DHA	LX	---
DID 35	T	DHA	LD	---	DID C2042	D	DHA	LX	---
DID 41	---	DHA	---	---	DID C2050	D	DHA	LX	---
DID 40	D	DHA	LX	UR,URN	DID C2052	D	DHA	LX	---
DID 50	D	DHA	LX	UR,URN	DID C2060H	D	DHA	LX	---
DID 60	D	DHA	LX	UR,URN	DID C2062H	D	DHA	LX	---
DID 80	D	---	LD	UR,URN	DID C2080H	D	---	---	---
DID 100	D	---	LD	---	DID C2082H	D	---	---	---
DID 120	---	---	LD	---	DID C2100H	D	---	---	---
DID 140	---	---	LD	---	DID C2102H	D	---	---	---
DID 160	---	---	LD	---	DID C2120H	D	---	---	---
DID 180	---	---	LD	---	DID C2122H	D	---	---	---
DID 200	---	---	LD	---	DID C2160H	D	---	---	---
DID 240	---	---	LD	---	DID C2162H	D	---	---	---

Explanation of Symbols

Function	Dirty or contaminated lubricants or deterioration of lubrication. Where lubrication is infrequent or prohibited. Temperature range use. Sandy or dusty atmosphere.
Major Usage	Index of tensile strength (Standard chain is the base line). Great cost savings can be achieved through longer life and less down time. As conveyer and drive chain in food processing machine. As conveyer and drive chain in book binding machine. As conveyer and drive chain in textile machine. As conveyer and drive chain in printing machine. As conveyer and drive chain in printing machine. As conveyer, painting, and drying chain in can production machine. As drive chain in construction machine. As conveyer and drive chain in home electric appliance. As drive chain in agricultural machine.