

## Applicable for many different environments























Name	Nickel Plated Chain (N)	Hi-Guard Chain (E)	Double Guard Chain (WG)
Features	<ul style="list-style-type: none"> <li>① Special nickel plated finish.</li> <li>② Where brilliance and cleanliness are required.</li> <li>③ Strong corrosion resistance (highly resistant to salt water spray and acid atmosphere).</li> </ul>	<ul style="list-style-type: none"> <li>① High corrosion resistant film coating.</li> <li>② Where long periods of seasonal inactivity create need for protection against indoor or out.</li> <li>③ Outstanding resistance to rusting or corrosion, particularly in salt water environments.</li> </ul>	<ul style="list-style-type: none"> <li>① Rust protection "twice as tough" as DID Hi-Guard Chain.</li> <li>② Amazing performance in acidic and alkaline atmospheres.</li> <li>③ The tensile strength and working load is the same as ANSI standard chain and makes the downsizing possible where stainless steel chain is used.</li> </ul>
Functions			
Main uses	<div> <div>TEXTILE</div> <div>CONVEYOR<sup>※1</sup></div> <div>FOOD</div> <div>CHEMICALS</div> <div>PRINT</div> </div> <div>PARKING</div>	<div> <div>TEXTILE</div> <div>CONVEYOR</div> <div>PARKING</div> <div>WATER TREATMENT</div> <div>OUTDOOR</div> </div> <div>CONSTRUCTION</div>	<div> <div>TEXTILE</div> <div>CONVEYOR</div> <div>PARKING</div> <div>WATER TREATMENT<sup>※2</sup></div> <div>OUTDOOR<sup>※2</sup></div> </div> <div> <div>CONSTRUCTION<sup>※2</sup></div> <div>FOOD<sup>※2</sup></div> <div>CHEMICALS<sup>※2</sup></div> </div>

## Environment Resistant Series: Chain No. and Codes

Chain No.	Nickel Plated	HI-Guard	Double Guard	Stainless Steel			Low Temperature
				SUS304	SUS600 Series	X-Ring	
DID 25	N	-	-	SS	-	-	-
DID 35	N	E	-	SS	-	-	-
DID 41	N	-	-	-	-	-	-
DID 40	N	E	WG	SS	SSK	SSLT	TK
DID 50	N	E	WG	SS	SSK	SSLT	TK
DID 60	N	E	WG	SS	SSK	SSLT	TK
DID 80	N	E	WG	SS	SSK	SSLT	TK
DID 100	N	E	-	SS	SSK	-	TK
DID 120	N	E	-	SS	SSK	-	TK
DID 140	N	-	-	SS	-	-	TK
DID 160	N	-	-	SS	-	-	TK
DID 180	-	-	-	-	-	-	-
DID 200	-	-	-	SS	-	-	-
DID 240	-	-	-	-	-	-	-

	Stainless Steel Chain			Stainless Steel X-Ring Chain (SSLT)	Low Temperature (TK)	Name
	(SS)	(SSK)	SN Treatment			
	① SUS304 ② Where chains is exposed to chemicals, water and high temperature. ③ The best resistance to corrosion and heat.	① SUS304 (plate) + SUS631 (pin/bushing/roller). ② Where chain is exposed to chemicals, water and high temperature. ③ 1.5 times higher max allowable load than SS type.	① Excellent wear resistance for stainless steel chain. ② Same corrosion resistance as SUS600.	① Up to 10 times greater wear resistance performance compared to standard stainless steel chain. ② Great cost saving can be achieved through longer life and less down time. ③ The patented X-ring design provides great sealing performance at half the friction of standard O-ring.	① Using material suitable for low temperature and specialized grease ② Suitable for circumstances where temperatures drop down to -40 °C. ③ Excellent low temperature strength	Features
						Functions
						Main uses

## Symbols

Functions	 <p><b>Resistant against corrosive gas</b> (by CASS test)</p>	 <p><b>Resistant against rain, moisture or sea water</b></p>	 <p><b>Resistant against alkali liquid</b></p>	 <p><b>Resistant against acid liquid</b></p>
	 <p><b>Suitable for circumstances required hygiene</b></p>	 <p><b>Allowable ambient temperature</b></p>	 <p><b>Allowable tension index</b> (Compared to standard roller chains)</p>	 <p><b>Resistant against contaminated or deteriorated oil</b></p>
	 <p><b>No lubrication or maintenance</b></p>	 <p><b>Resistant against dusty circumstances</b></p>	 <p><b>Running cost and maintenance cost can be saved</b></p>	
Main uses	 <p><b>Feed and drive in packaging machines</b></p>	 <p><b>Feed and drive in textile machines</b></p>	 <p><b>Feed and drive in the conveyors and transfer equipment</b></p>	 <p><b>Feed and drive in food processing machines</b></p>
	 <p><b>Feed and drive in chemicals facilities</b></p>	 <p><b>Feed and drive in printing machines</b></p>	 <p><b>Feed and drive in multilevel parking machines</b></p>	 <p><b>Feed and drive in water treatment equipment</b></p>
	 <p><b>Feed and drive in outdoor equipment</b></p>	 <p><b>Feed and drive in construction machines</b></p>	 <p><b>Feed and drive in medical facilities</b></p>	<p>※1. Consult us when you use chains for hoisting. ※2. Consult us when you use chains for these particular uses.</p>