


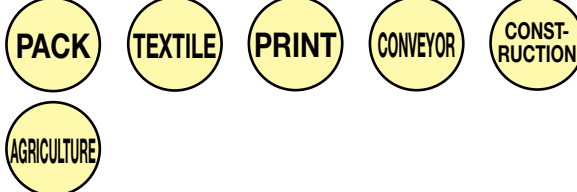


## Dependable in severe conditions




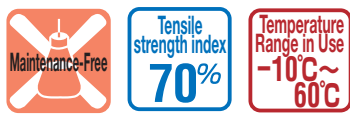
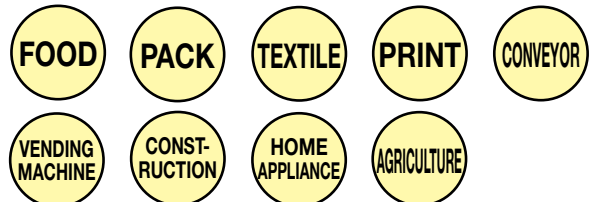
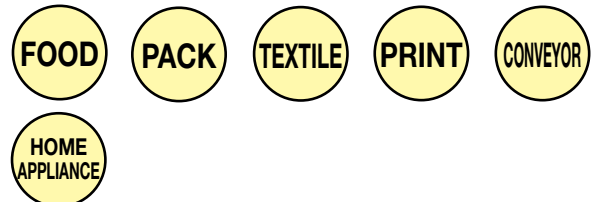
Name	Solid Bushing Chain (HT/ T), (D)	DH- $\alpha$ Chain (DHA)
Features	<ul style="list-style-type: none"> <li>① Incorporating high precision solid bushing.</li> <li>② Ideally suited when increased wear resistance is required.</li> <li>③ Up to <math>\zeta</math>S times longer wear life than standard chain.</li> </ul>	<ul style="list-style-type: none"> <li>① Forming extremely hardened carbide layer on pin surface.</li> <li>② Suitable for bad atmosphere such as deterioration of lubrication and invasion of contaminant particles between pin and bushing.</li> <li>③ Up to <math>\zeta</math>V times longer wear life than standard chain.</li> </ul>
Functions		
Main uses		

■ Table of Ultimate Life Chain Series

Chain No.	Long Life	DH- $\alpha$	O-Ring	Sintered Bushing
<b>DID 25</b>	<b>HT</b>	<b>DHA</b>	-	-
<b>DID 35</b>	<b>T</b>	<b>DHA</b>	<b>LD</b>	-
<b>DID 41</b>	-	<b>DHA</b>	-	-
<b>DID 40</b>	<b>D</b>	<b>DHA</b>	<b>LX</b>	<b>UR, URN</b>
<b>DID 50</b>	<b>D</b>	<b>DHA</b>	<b>LX</b>	<b>UR, URN</b>
<b>DID 60</b>	<b>D</b>	<b>DHA</b>	<b>LX</b>	<b>UR, URN</b>
<b>DID 80</b>	<b>D</b>	-	<b>LD</b>	<b>UR, URN</b>
<b>DID 100</b>	<b>D</b>	-	<b>LD</b>	-
<b>DID 120</b>	-	-	<b>LD</b>	-
<b>DID 140</b>	-	-	<b>LD</b>	-
<b>DID 160</b>	-	-	<b>LD</b>	-
<b>DID 200</b>	-	-	<b>LD</b>	-
<b>DID 240</b>	-	-	<b>LD</b>	-















■ Chain dimensions

Dimensions for Roller Chains for Transmission are shown on the pages of their descriptions and dimensions for Small Chains for Conveyor System are on P148-P155.

	O-Ring Chain/X-Ring Chain (LD/ LX)	Sintered Bushing Roller Chain (UR), (URN)	Name
			
	<p>① DID X-Ring chain is the best value of maintenance-free chain available.</p> <p>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.</p> <p>③ Up to 2 times longer wear resistance performance compared to normal O-Ring chains.</p> <p>④ Great cost savings can be achieved through longer life and less down time.</p>	<p>① Sintered bushing is incorporated.</p> <p>② Ultimate Life Chain for low speed and light load applications.</p> <p>③ Up to 3 times longer wear life than standard chain.</p>	Features
			Functions
			Main uses

※ LX: Temp. -10°C~120°C, LD: Temp. -10°C~80°C

## Symbols

Functions	 Resistant against contaminated or deteriorated oil   Resistant against dusty circumstances	 No lubrication or maintenance   Tension strength index 100% (Compared to standard roller chains)	 Allowable ambient temperature
Main uses	 Feed and drive in food processing machines   Feed and drive in printing machines   Feed and drive in construction machines	 Feed and drive in packaging machines   Feed and drive in the conveyors and transfer equipment   Feed and drive of home appliances	 Feed and drive in textile machines   Feed and drive in can conveyors and for painting and drying cans   Drive of agricultural machines