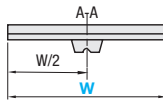
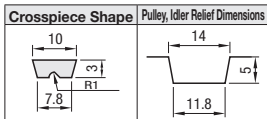


# Flat Belts - With Meandering Prevention Crosspiece General Use

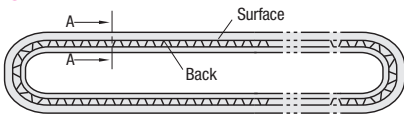
**Features:** Suitable for ensuring the running straightness and strength against lateral forces. Used for transfer of wide range of items right from food to cardboard, metal and plastic. Excels in moist-heat resistance and prevents fray.

General Purpose - With Meandering Prevention Crosspiece	Type	Type No.	Color	Ply count	Surface Shape	Material		Friction Coefficient (Ref. Against Polished Steel)		Thickness mm	Unit Mass kg/m <sup>2</sup>	Allowable Tension N/mm	Min. Pulley Dia. Ømm	Continuous Use Temperature °C
						Surface	Back	Front	Back					
						HBLTDSG	①	Green	1					
HBLTDSW	②	White	1	Flat surface	Polyurethane	Polyester	0.8	0.2	0.8	0.7	4	20	-30~80	
HBLTDS	③	Green	2	Flat surface	Polyurethane	Polyester	0.8	0.2	1.4	1.5	8	25	-30~80	
HBLTGSDSN	④	Green	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.7	1.9	8	50	-30~100	
HBLBDSN	⑤	Sky Blue	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.3	3	20	-30~100	
HBLYGDSN	⑥	Yellow Green	2	Flat surface	Thermoplastic Polyurethane	Polyester Canvas	0.6	0.2	1.4	1.5	8	25(20) *1	-30~100	
HBLTGCDNSN	⑦	Green	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	-10~80	
HBLTWCDNSN	⑧	White	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	1.8	1.9	8	30	-10~80	
HBLGDST	⑨	Green	3	Flat surface	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	-10~80	
HBLWDST	⑩	White	3	Flat surface	PVC	Polyester Canvas	1.0	0.2	4.6	5	18	100	-10~80	
HBTDSN	⑪	Green	2	Flat surface	PVC	Polyester Canvas	1.0	0.2	3.4	3.7	8	75	-10~80	

\*1: Number in ( ) is the value when allowable tension is 5N/mm.



For Belt Tolerance, see **P.1352**



- Flat belts are weld-jointed before shipping.
- I.D. will be the Belt Length.

### Old Specifications

Type	Thickness mm	Unit Mass kg/m <sup>2</sup>	Min. Pulley Dia. Ømm
HBLTGCDNSN	2.1	2.3	50
HBLTWCDNSN	2.1	2.3	50
HBLGDST	5	5.7	120
HBLWDST	5	5.7	120
HBTDSN	3.6	4.1	100

Part Number	Belt Length L (m)	Body Price / m											Belt Jointing Charge (Body Price +)									
		① ②	③	④	⑤	⑥	⑦ ⑧	⑨ ⑩	⑪	① ② ③	④, ⑤, ⑥, ⑦, ⑧, ⑨, ⑩	⑪										
<b>Type</b>	<b>Belt Width W</b>	<b>0.01m Increment</b>	HBLTDSG	HBLTDSW	HBLTDS	HBLTGSDSN	HBLBDSN	HBLYGDSN	HBLTGCDNSN	HBLTWCDNSN	HBLGDST	HBLWDST	HBTDSN	HBLTDSG	HBLTDSW	HBLTDS	HBLTGSDSN, HBLBDSN, HBLYGDSN, HBLTGCDNSN, HBLTWCDNSN, HBLGDST, HBLWDST, HBTDSN	HBLGDST	HBLWDST			
HBLTDSG HBLTDSW HBLTDS HBLTGSDSN HBLBDSN HBLYGDSN HBLTGCDNSN HBLTWCDNSN HBLGDST HBLWDST HBTDSN	50~90 100~190 200~290 300~400 410~500	0.50~20.00 (L≥Wx4)																				

Belts with meandering prevention crosspiece are knife-edged and hence cannot be used.



Ordering Example  
**Part Number** - **Belt Length L (m)**  
**Type** **Belt Width**  
**HBLTDS 350 - 4.23**

Type	Food hygienic properties	Antibacterial and Antifungal Property	Fray Prevention	Water / Moisture Resistance	Thermal Shrinkage Prevention	Surface Cleanability	Prevention of deliquescence due to imprints	Sodium Hypochlorite Resistant	Anti-stick	Oil Resistance
HBLTDSG	○	-	○	○	○	-	-	○	-	○
HBLTDSW	○	-	○	○	○	-	-	○	-	○
HBLTDS	○	-	○	○	○	-	-	○	-	○
HBLTGSDSN	○	-	○	○	○	-	-	○	-	○
HBLBDSN	○	○	○	○	○	-	-	○	-	○
HBLYGDSN	○	-	○	○	○	-	-	○	-	○
HBLTGCDNSN	○ *1	-	○	-	-	-	-	○	-	○
HBLTWCDNSN	○ *1	-	○	-	-	-	-	○	-	○
HBLGDST	○ *1	-	-	-	-	-	-	○	-	○
HBLWDST	○ *1	-	-	-	-	-	-	○	-	○
HBTDSN	○ *1	-	○	-	-	-	-	○	-	○

\*1: Cannot be used for bare transfer of oil and fatty foods.  
 ○: Best suited, ○: Applicable, △: May be applicable, -: Not applicable