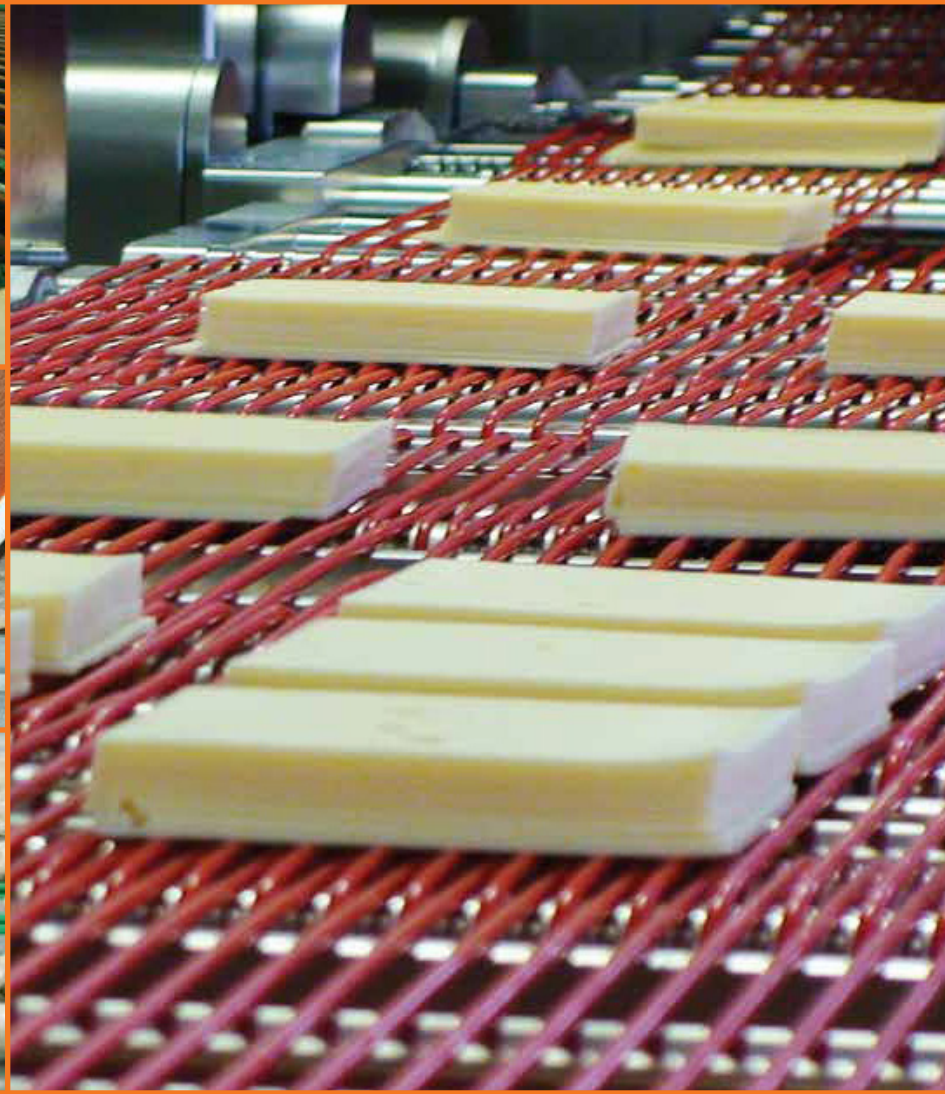


# ELLEGAARD.



**VOLTA**  
'V' & Round Profiles

**FOOD**

V & Round profiles

Round		RTB		RFC		RL		RLC		RLB		RLW		RO		ROS		RPZ		RPZS		RPD-AS**		RPN		RPS				
	Hardness	72A	76A	80A	80A	80A	80A	83A	83A	83A	83A	86A	86A	88A	88A	88A	88A	88A	88A	88A	88A	88A	88A	88A	88A	88A	88A			
	Temp. Range	-40° C to +40° C		-40° C to +50° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-20° C to +50° C		-20° C to +50° C		-30° C to +60° C		-30° C to +80° C		-30° C to +80° C				
	CoF (Steel)	0.85		0.65		0.55		0.55		0.55		0.55		0.55		0.55		0.50		0.50		0.40		0.38		0.40				
	Certifications	Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		No		No		No		No		No				
Diameter		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		
mm		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		
5/64	2					15	0.06	15	0.06					15	0.06							20	0.13	19	0.13					
1/8	3					20	0.14	20	0.14	20	0.14			20	0.14							30	0.31	29	0.31					
5/32	4	20	0.23	20	0.20	30	0.25	30	0.25	30	0.25			30	0.25							40	0.54	38	0.54					
3/16	5	25	0.35	25	0.30	35	0.40	35	0.40	35	0.40			34	0.40			45	0.80			50	0.85	48	0.85	50	11			
15/64	6			30	0.40			38	0.55									54	1.16			60	1.22	57	1.22	60	16			
1/4	6.30	30	0.50			40	0.60	40	0.60	40	0.60			38	0.68	42	4.50													
9/32	7																													
5/16	8	40	0.95	40	0.75	55	1	55	1	55	1			48	1.06	54	5	72	2.05			80	2.18	76	2.18	80	19			
9/32	9																								86	2.75	90	21		
3/8	9.50	45	1.13			65	1.40	65	1.40	65	1.40			57	1.54	64	9.50									67	1.67	70	18	
23/64	10							70	1.55									89	3.20	95	19.50					95	3.40	100	22	
15/32	12																	108	4.56	112	23					114	4.90	120	26	
1/2	12.50	65	1.50			85	2.50	85	2.50	85	2.50	90	18	75	2.72	86	11.40													
9/16	14																													
19/32	15					100	3.50	100	3.50	100	3.50							135	7.25	140	24					143	7.65	150	27	
5/8	16																													
23/32	18					120	5.10	120	5.10					125	27												171	11	180	37
3/4	19																													
25/32	20																													
1	25													150	10.60															

V-Profiles		VFC		VL		VLC		VLB		VLW		VO		VO - GT**		VOS**		VPZ		VPZS		VPY ***			
	Hardness	76A	80A	80A	80A	80A	80A	80A	83A	83A	83A	83A	83A	83A	83A	83A	83A	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D			
	Temp. Range	-40° C to +50° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C			
	CoF (Steel)	0.65		0.55		0.55		0.55		0.55		0.55		0.55		0.55		0.40		0.40		0.40			
	Certifications	No		Yes		Yes		Yes		Yes		Yes		Yes		Yes		No		No		No			
Inch Size		Size (mm)		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg			
Width		Height		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)			
Y	6	4	20	0.28	25	0.30											25	3.10							
M	8	5.20	25	0.49	40	0.70			40	0.70															
3L	9.50	5.50	30	0.64								45	0.90			40	5								
Z	10	6.50			45	1	45	1	45	1															
A	13	8	40	1.23	50	1.60	50	1.60	50	1.60	50	12	50	1.60			53	12	72	3.30	88	26	72	3.30	
B	17	11.50			75	2.90	75	2.90	75	2.90	75	18	75	2.90	75	2.90	72	17	103	6.10	112	39	103	6.10	
-	20	12.50			85	3.90																			
C	22	14.50			100	4.80	100	4.80	100	4.80	100	22	100	4.60	100	4.60	100	22	130	10	142	44	130	10	
-	25	16.50			110	6.30																			
D	32	21.50			145	10.40						145*	24	145	10.40										
E	40	27			180	16.30																			

Ridge-Top		VL-RT		VLC-RT		VLW-RT		VMP-RT		VPZ-RT		VPZS-RT		VPYS-RT		VPN-RT		VPNS-RT		VPF-RT		VPFS-RT		VM-RT			
	Hardness	80A	80A	80A	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D	86A/35D			
	Temp. Range	-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-30° C to +60° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C			
	CoF (Steel)	0.55		0.55		0.55		0.38		0.40		0.40		0.40		0.38		0.38		0.38		0.38		0.45			
	Certifications	Yes		Yes		Yes		No		No		No		No		No		No		No		No		Yes			
Inch Size		Size (mm)		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg		MPD		PF kg	
Width		Height		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)		(mm)		(1%)	
A	13	16	110	2.70	110	2.70	110	16	150	5.60	145	5.30	152	21.60	152	21.60	150	5.60	160	24	150	5.60	160	24	160	11	
B	17	19.50	130	4.30	130	4.30	130	19	185	9.30	175	8.80	195	41.40	195	41.40	185	9.30	205	46	185	9.30	205	46	195	17.80	
C	22	24.50	190*	7.90	190*	7.90	165	38	235	14.30	220	13.60	245	47	245	47	235	14.30	258	52	235	14.30	250	52	285*	32.50	

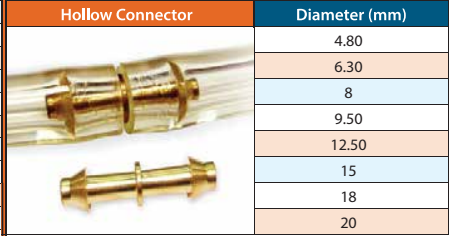
Index: MPD - Minimum Pulley Diameter - Measurements for butt welding. In case of overlap welding please check the MPD with your local distributor.  
 PF - Pull Force (Kg) at minimum pretention (%). CoFCoefficient of Friction for Smooth Surface.

Notes: \* VLW-32 - Height 19mm.

Belt Coating Materials							
Products	GST - 4	MST - 6	FEST	FSTF	FSTF - ST	FSTF - ST Strips	GWG - 4
Illustration							
Description	Super Grip	Multi Grip	High Grip	Foam**	Foam & High Grip Top	Foam & High Grip Strips	Wood Grip
Hardness	65A	65A	65A	65A	65A	65A	65A
Size(mm)	Width*	50	50	1524	140	150	160
	Thickness	4	6	2, 3, 4, 5	14	6-12	4
CoF (Steel)	0.85	0.88	1.10	0.90	0.90	0.90/1.10	0.77
Temp. Range	-40° C to +55° C						

Notes: Width\* - Maximum available width. \*\*Foam - Made from 65A shore material, actual hardness is lower.

RPB		RPBS		RM		RMS		RMDS***		RW		RMW		RMWN		RH		RHN		RCW*		Hollow	RFC - HL		RO - HL		RPN - HL					
88A	88A	90A	90A	90A	90A	95A	95A	95A	95A	95A	95A	95A	95A	100A	100A	100A	100A	100A	100A	63D	76A		83A	88A/37D								
-30° C to +80° C		-30° C to +80° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-20° C to +75° C		-20° C to +75° C		-20° C to +75° C			O.D. I.D.		-40° C to +50° C		-40° C to +55° C		-30° C to +80° C			
0.38		0.40		0.45		0.45		0.36		0.36		0.36		0.36		0.28		0.28		0.27		Yes		0.65		0.55		0.50				
Yes		Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		No		No		No		No				
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
				20	0.26											40	0.60															
29	0.31			30	0.60											60	1.40															
38	0.54			40	1	40	1									80	2.50															
48	0.85			50	1.60					50	1.25					60	2.00															
57	1.22	60	16													75	3.25															
				60	2.60	60	2.60									75	10	75	10	125	6.20			100	13							
76	2.18	80	19	80	4.20	80	4.20									95	5.25	95	17					160	10							
				95	5.90											110	7.37	110	18					190	14	190	14	150	20			
95	3.40	100	22							130*	55																					
114	4.90	120	26																													
				125	10.10					150	60					150	28							250	16	250	16	200	21			
143	7.65	150	27	150	14.60	150	14.60									175	30						300	23	300	23						
				180	21											210	32						360	34	360	34						
				200	25.90																											



Notes: Connectors - Available for all Hollow Round Profiles  
\*RFC-HL & RO-HL -15/18/20 Not standard

VPYS		VPN		VPNS		VPF		VPFS		VMF		VM		VMS		VMW**		VMW-NK****		VH		VHB		
86A/35D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	90A/40D	90A/40D	90A/40D	90A/40D	90A/40D	95A/46D	95A/46D	100A/55D	100A/55D	100A/55D	100A/55D	100A/55D	100A/55D		
-20° C to +50° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-20° C to +75° C		-20° C to +75° C		
0.40		0.38		0.38		0.38		0.38		0.45		0.45		0.45		0.36		0.36		0.28		0.28		
No		No		No		No		No		Yes		Yes		Yes		Yes		Yes		Yes		Yes		
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
										60	3	60	3								125	4.80		
88	26	76	3.50	92	28	76	2.70	92	28	65	4.10	65	4.10	65	4.10			75	12	130	6.60			
112	39	110	6.40	118	43	110	6.40	118	43	80	6.7	80	6.70	80	6.70	75	14	100	16	160	10.70	160	10.70	
										115	12.10	115	12.10	115	12.10						230	19.50	230	19.50
										125	15.90										250	25.50		
142	44	138	10.50	150	49	138	10.50	150	49	145	20	145	20	130	36	200	40	290	32	290	32	290	32	
										155	16.80										210	45	330	41.50
																					270	55		

Y-Top		YMP		YPZ		YPN		YPF		YMF		Double-V		DVL		DVLW		DVO		DVOS		DVM	
86A/35D	86A/35D	86A/35D	86A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	90A/40D	90A/40D	90A/40D	80A	80A	83A	83A	83A	83A	90A/40D	90A/40D	90A/40D	90A/40D	90A/40D	
-30° C to +60° C		-20° C to +50° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-30° C to +60° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-30° C to +60° C	
0.38		0.40		0.38		0.38		0.38		0.45		0.55		0.55		0.55		0.55		0.55		0.45	
Yes		Yes		No		No		No		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
Inch Size	Size (mm)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	Inch Size	Size (mm)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
A	13 15							143	5.30	150	10	Z	24 6.80	45	2			45	2				
B	17 18.50	175	8.30	165	7.90	175	8.30	175	8.30	185	14.10	A	30 8	50	3.20	50	22	50	3.20	53	22	80	13.40
C	22 24.50	235	13.90	220	13.20	235	13.90	235	13.90	250	28.90												

Notes: \*VL -VLC -VM -RT - Height 28.5mm. \*\*VO-GT, VOS - Inch sizes only. \*\*\*VPY - Not standard.  
\*\*VMW - Cogged. \*\*\*\*VMW -NK -Not Cogged. VMW -NK - 32 Height - 20mm.  
Notes: \*RCW - also available with Steel, Stainless Steel & Kevlar (Aramid) reinforcement.  
\*\*\*RMDS - Diameter 10.5mm. \*\*\* RMDS - High UV Resistance \*\* RPD-AS: ESD - ratio 10<sup>9</sup>-10<sup>10</sup> OHMS per square.

Belt Coating Materials for the Food Industry							
Products	GIB	MIB	WIB	FEIB	FEMB/FEMW-SP	FELB-SP	FELB-IST
Illustration							
Description	Super Grip	Multi Grip	Wood Grip	High Grip	Spikes	Spikes	Saw Tooth
Hardness	62A	62A	62A	62A	95A	80A	80A
Size (mm)	Width*	50	50	70	1524	1524	1524
	Thickness	4	6	4	2/ 2.5/ 3/ 4	2/ 2.5/ 3**	2/ 2.5/ 3**
CoF (Steel)	0.98	1.08	1.05	0.95	0.25	0.45	0.45
Temperature Range	-20° C to +40° C				-30° C to +60° C	-40° C to +50° C	-40° C to +50° C

Note: Width\* - Maximum available width. \*\*Height of Spikes above base belt is 2.8 mm. \*\*\* FELB-IST - Total belt thickness.



# ELLEGAARD.

Guides									
Products	CL/CLB/CLC	VL/VLB/VLC	CM	VM	CW/CWB	VW/VWB	CSB/CSC	VS	VSC
Shore Hardness	80A	80A	90A	90A	40D	40D	65A		65A
Color	Brown/ Blue/Clear	Brown/ Blue/Clear	Red	Red	White/Blue	White/Blue	Blue/Clear		Blue/Clear
Cogged	Yes	No	Yes	No	Yes	No	Yes		No
Certifications	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes
Size (mm)		Add To Minimum Pulley Diameter							
Width	Height								
6	4	NR	25	NR	NR	NR	NR	NR	15
8	5.20	30	40	NR	60	NR	NR	NR	25
10	6	35	45	50	65	55	70	22	30
13	8	40	50	60	85	60	80	28	35
17	11.50	60	75	85	115	85	110	40	50
20	12.50	NR	85	NR	125	NR	NR	NR	NR
22	14.50	75	100	110	145	110	150	NR	65

**Note:** Special guides: **CFC, CFB, CLSC, VLSB-LT** for low temperature (LT) belts; **VLB-MD** for metal detectable (MD) belts.

Special Profiles											
Products	SPN - 1000	SPY - 1000	SPF-MP	SM - 1400	TO - 9.5	TO 1/2	TO 9/16	SO 3/4	UO - 9.5		
Illustration											
Hardness	88A	86A	88A	90A	83A	83A	83A	83A	83A	83A	
Size (mm)	Top Width	15.70	15.60	15.70	30	9.50	12.70	14.30	19.20	9.50	
	Height	13.60	14.50	13.60	12	3.80	5.50	6.50	5.50	8	
	Bottom Width					3.10	8.35	9.50	8	7	
MPD (mm)	NR	NR	NR	125	30	38	70	35	50		
Certifications	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Products	SH - 1200	TEMB - 25	SLW 3/4	TLB - 10	TLB - 15	TLW - 30	SLC - 2300	SLC - 2104	TTB - 15		
Illustration											
Hardness	100A	95A	80A	80A	80A	80A	80A	80A	72A		
Size (mm)	Top Width	17	25	19.30	10	15	30	30	11.70	18	15
	Height	11.50	2.2	5.50	3.80	5	17	17	11.70	11.80	5
	Bottom Width		4	8	3.10	6.50	22	22	10.30	6.50	
MPD (mm)	230	60	40	25	30	125	100*	78	80	27	
Certifications	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Products	Illustration	Hardness	Size (W x H)		Minimum Pulley Diameter	Cert.					
SH - 1300		100A/55D	Width	Height	50	No					
SH - 1301			16	1.70							
SH - 1302			18	1.70							
SH - 1305			20	1.70							
SH - 1306			25	1.70							
SH - 1310			14	1.70							
SH - 1311			16	2							
SH - 1311			18	2							
SH - 1312			20	2							
SH - 1313			8	2							
SH - 1314			8	3							
SH - 1320			10	4							
SH - 1325			17	1.50							

**Notes:** \*TLW/30 - Cogged.