



Selection PVC or PU fastener

Belt thickness in mm (1)	Fastener thickness (*)	min. pulley Ø	Connecting pin	PVC fastener											
				STANDARD						THICKIER					
				Lower side PVC	Lower side textile	Belt tension with pins in polyacetal	Belt tension with pins in stainless steel	Maximum belt tension with pins in polyacetal	Maximum belt tension with pins in stainless steel	Lower side PVC	Lower side textile	Belt tension with pins in polyacetal	Belt tension with pins in stainless steel	Maximum belt tension with pins in polyacetal	Maximum belt tension with pins in stainless steel
1.4 to 1.7	1.7	50	0.9 x 4.7 mm	PC4 - 15	PC4 - 15 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm						
1.8 to 2.2	2.2	50	0.9 x 4.7 mm	PC4 - 20	PC4 - 20 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm	on demand	on demand				
2.3 to 2.7	2.7	50	1.4 x 4.7 mm	PC4 - 25	PC4 - 25 T	5 N/mm	7 N/mm	10 N/mm	16 N/mm	PC5 - 25	PC5 - 25 T	6 N/mm	8 N/mm	12 N/mm	20 N/mm
2.8 to 3.2	3.2	60	1.4 x 4.7 mm	PC4 - 30	PC4 - 30 T	5 N/mm	7 N/mm	10 N/mm	16 N/mm	PC5 - 30	PC5 - 30 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
3.3 to 3.7	3.7	100	1.4 x 4.7 mm							PC5 - 35	PC5 - 35 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
3.8 to 4.2	4.2	100	1.4 x 4.7 mm							PC5 - 40	PC5 - 40 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
4.3 to 4.7	4.7	120	1.4 x 4.7 mm							PC5 - 45	PC5 - 45 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
4.8 to 5.2	5.2	120	1.4 x 4.7 mm							PC5 - 50	PC5 - 50 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
5.3 to 5.7	5.7	120	1.4 x 4.7 mm							PC5 - 55	PC5 - 55 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
3.5 to 4.2	4.3	250	1.4 x 4.7 mm							PC6 - 40	PC6 - 40 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm
4.3 to 4.7	4.8	250	1.4 x 4.7 mm							PC6 - 45	PC6 - 45 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm
4.8 to 5.2	5.3	250	1.4 x 4.7 mm							PC6 - 50	PC6 - 50 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm
5.3 to 5.7	5.8	250	1.4 x 4.7 mm							PC6 - 55	PC6 - 55 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm
5.8 to 6.2	6.3	250	1.4 x 4.7 mm							PC6 - 60	PC6 - 60 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm
5.8 to 6.7	6.8	250	1.4 x 4.7 mm							PC6 - 65	PC6 - 65 T	8 N/mm	12 N/mm	14 N/mm	25 N/mm

(*) Fastener thickness approx. +0.2 mm with lower side textile

Belt thickness in mm (1)	Fastener thickness (*)	min. pulley Ø	Connecting pin	PU Fastener						PU fastener with PVC inside					
				Lower side PU	Lower side textile	Belt tension with pins in polyacetal	Belt tension with pins in stainless steel	Maximum belt tension with pins in polyacetal	Maximum belt tension with pins in stainless steel	Lower side PU	Lower side textile	Belt tension with pins in polyacetal	Belt tension with pins in stainless steel	Maximum belt tension with pins in polyacetal	Maximum belt tension with pins in stainless steel
1.4 to 1.7	1.7	50	0.9 x 4.7 mm	PU5 - 15	PU5 - 15 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm						
1.8 to 2.2	2.2	50	0.9 x 4.7 mm	PU5 - 20	PU5 - 20 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm	PC/U4 - 20	PC/U4 - 20 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm
2.3 to 2.7	2.7	50	1.4 x 4.7 mm	PU5 - 25	PU5 - 25 T	5 N/mm	7 N/mm	10 N/mm	16 N/mm	PC/U4 - 25	PC/U4 - 25 T	4 N/mm	6 N/mm	8 N/mm	14 N/mm
2.8 to 3.2	3.2	60	1.4 x 4.7 mm	PU5 - 30	PU5 - 30 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm	PC/U5 - 30	PC/U5 - 30 T	6 N/mm	9 N/mm	12 N/mm	20 N/mm
3.3 to 3.7	3.7	80	1.4 x 4.7 mm	on demand	on demand					on demand	on demand				

(*) Fastener thickness approx. +0.2 mm with lower side textile

(1) Belt with profile :

To determine the side of a splice on a profiled belt, take half measure of the relief out of the belt thickness

According to the result, select the fastener you need on the chart above. Ex : 5.5 mm wide PVC belt, 2 mm super grips = 5.5 - 1 = 4.5 Select a PC5 - 45 junction

(2) min. pulley diameter :

the minimum diameter rises 20 mm for fasteners with lower side textile
the minimum diameter rises 40 mm for fasteners with both sides textile

Color :	PVC	PVC	PVC	PU
White 025		Apple green 223		Azure blue-green 157
Black 310		Dark green 235		Sea blue 165
Dark gray 340			Petrol blue 180	Pine 240
Light gray 360		Felt black 320		Sky blue 132
Specifics colors on demand				Black 315