



TBU 40 SPIRAL BELT DATA SHEET

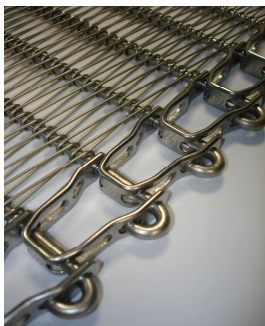
Belt pitch	40	mm	1.57 inch
Cross rod diameter	6	mm	0.236 inch
Inside turn radius	1.6 - 2.2	x belt width	
Overall belt width	400 - 1400	mm	16 - 55 inch

Materials AISI 304 (standard) and 316

Belt strength in turns	180	kg	400 lbs
Belt strength on straights	360	kg	800 lbs

Available spiral wire diameters	Ø1,4	mm	18 ga
	Ø1,6	mm	17 ga
	Ø1,8	mm	16 ga

Available lateral pitch spiral wire



		mm	loops/ foot
	4,2	mm	72
	4,6	mm	66
	5,1	mm	60
	5,6	mm	54
	6,4	mm	48
	7,3	mm	42
	8,5	mm	36
	10,2	mm	30
	12,7	mm	24
	16,9	mm	18

Link height	15	mm	0,59"
Link thickness	3	mm	0,12"
Link width	35	mm	1.37"
C-C links	Belt width - 55	mm	2.16"
Usefull belt width between links	Belt width - 90	mm	3.54"

Available link types

Standard, no guard edge	
12 mm integral guard edge	0.5" above belt surface
25 mm integral guard edge	1" above belt surface

Available sprocket sizes 12, 16, 21 teeth

Type designation (example)

TBU 12.7 - 40 - 1.6 - 6 / R2.2

- 12.7 = Lateral pitch spiral wire
- 40 = Pitch
- 1.6 = Spiral wire diameter
- 6 = Cross rod diameter
- R2.2 = Inside turn radius

