# TBU 30 SPIRAL BELT DATA SHEET

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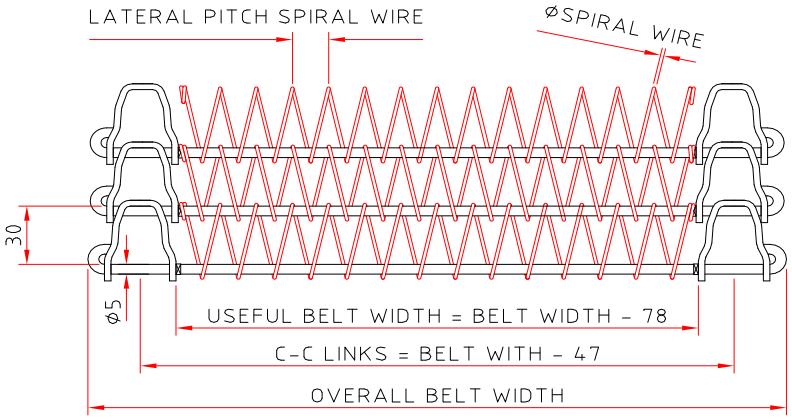
|---|---|---|---|
| **Belt pitch** | **30** | **mm** | **1.18 inch** |
| **Cross rod diameter** | **5** | **mm** | **0.197 inch** |
| **Inside turn radius** | **1.7 - 2.2 -2.8 - 3.2** | **x belt width** | |
| **Overall belt width** | **350 - 1100** | **mm** | **14 - 43 inch** |
| **Materials** | **AISI 304 (standard) and 316** | | |
| **Belt strength in turns** | **90** | **kg** | **200 lbs** |
| **Belt strength on straights** | **180** | **kg** | **400 lbs** |
| **Available spiral wire diameters** | **Ø1,2** | **mm** | **18 ga** |
| | **Ø1,4** | **mm** | **17 ga** |
| | **Ø1,6** | **mm** | **16 ga** |

| | | | |
|---|---|---|---|
| | | | **loops/ foot** |
| **Available lateral pitch spiral wire** | **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** | **13** | **mm** | **0,51"** |
| **Link thickness** | **3** | **mm** | **0,12"** |
| **Link width** | **33** | **mm** | **1.3"** |
| **C-C links** | **Belt width - 47** | **mm** | **1.85"** |
| **Usefull belt width between links** | **Belt width - 78** | **mm** | **3.1"** |
| **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 - 30 - 1.6 - 5 / R2.2**

**12.7 = Lateral pitch spiral wire**
**30 = Pitch**
**1.6 = Spiral wire diameter**
**5 = Cross rod diameter**
**R2.2 = Inside turn radius**





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