

Belt design worksheet for power turn belt



Fax Form To 770-499-1063

To ensure perfected fabrication of power turn belt the following parameters are required

1. Belt data	Belt segment
Habasit belt type	
Inner radius r [mm] =	
Outer radius R [mm] =	
Belt width b_0 [mm] =	
Geometrical peripheral length L_U [mm] =	
Angle of the belt segment γ [°] =	
Pitch circle for holes R_M [mm] =	
Hole diameter D_L [mm] =	
Number of holes N_L	
Others:	

In case belt data is not known, the following data will be required

2. Installation data	
Type of conveyor belt system	
<input type="checkbox"/> Lugs – spring elements – chain	Pitch circle of holes R_M [mm] =
<input type="checkbox"/> Roller sets in guiding rails	Hole diameter D_L [mm] =
<input type="checkbox"/> Others:	Number of holes N_L

Power turn with tapered rollers	Power turn with cylindrical rollers
Inner radius r [mm] =	Inner radius r [mm] =
Outer radius R [mm] =	Outer radius R [mm] =
Belt width b_0 [mm] =	Belt width b_0 [mm] =
Inner pulley diameter d [mm] =	Pulley diameter d [mm] =
Transfer angle α [°] =	Transfer angle α [°] =
Distance between pulley and center a [mm] =	
<p>Note: For optimal running conditions select $b_0 > a$</p>	<p>Note: For optimal running conditions select $b_0 > a$</p>

Make a copy or tear out page to fill in.