

Spiral Bands



Spiral Bands are used for grinding, dressing, deburring, polishing and blending of all kinds of regular and irregular surfaces.

Santek has three different hardnesses of spiral bands made from high quality resin over resin abrasive cloth.

Soft: Soft and flexible even at high speeds. For contoured polishing.

Med: Flexible but more aggressive than the Soft model. Used to polish plastic and glass bottle moulds.

Hard: Hard and aggressive for grinding and high stock removal applications.

Safety



Spiral Bands perform best between 20-30m/s, this giving the optimum balance between stock removal, surface finish, cutting temperature and wheel life.

NB! Excess speed is dangerous and may result in band disintegration, grain shedding and overheating.

NEVER USE FLAP WHEELS AT SPEEDS IN EXCESS OF 40m/s!

Use in accordance to ANSI B7.1.



Diameter	Recommended Speed rpm	Maximum Speed rpm
6mm	30000	50000
10mm	30000	44000
12.7mm	30000	44000
15mm	26000	36000
19mm	20000	30000
22mm	18000	26000
25mm	16000	22000
30mm	13000	19000
32mm	11500	16500
38mm	10000	15500
45mm	8500	12500
50.7mm	7500	11000

Standard Dimensions



Dia. Width	10mm	25mm	30mm
6mm	●	●	
10mm	●	●	
12.7mm	●	●	
15mm	●	●	
19mm		●	
22mm		●	
25mm		●	
30mm			●
32mm		●	●
38mm		●	
45mm			●
50.7mm		●	●

Standard Grit Sizes

	Alo	Zir.	Sic	Ceramic	Eng.
P36	●	●	●	●	
P60	●	●	●	●	
P80	●	●	●	●	
P120	●	●	●	●	
P150	●		●		
P180	●		●		A100
P240	●		●		
P400	●		●		A45
P600	●		●		
P800					A30
P1200					A16



Spiral Band Mandrels

Rubber Expanding mandrels are available for all the above sizes