

# BeltTS

*Belt Technical Specialties*

## Dragrining

### DRIVING V-BELTS FOR SQUARING, EDGING AND TENONING MACHINES.

Their primary task is to keep the workpiece in position during tooling. To any extent, DRAGRING are sleeve type belts with the following additional features:

- high working loads concentrated in smaller areas;
- high flexibility, so to be fitted on little pulleys diameters;
- absolute linear running which ensures great feed precision;
- little deformation caused by the pressure rolls;
- possibility to work at high speed.



- its trapezoid section (V-shape) coated on three sides with wear resisting fabric containing the traction Rayon or Kevlar core;
- the rubber pad, or top cover (usually in white rubber compound, hardness 70° ShA), applied to the wider base will ensure an excellent grip on the materials;
- the impression, or profile (usually longitudinal grooves), of the cover is designed to increase its grip.



For particular needs we can supply DRAGRING with top cover having special characteristics (different hardness and/or profile).

Belts with standard section, just like the corresponding driving V-belts, are called DRAGRING/1, however belts with special section are called DRAGRING/2

*customizing your needs.*

The technical particulars of DRAGRING/1 are:

Standard sections	Data Accuracy			Inside circumference		Minimum pulleys diameters mm
	Wide base mm	Height mm	$\alpha^\circ$	Minimum mm	Maximum mm	
A	13	8	40	1000	10500	100
B	17	11	40	2500	without limit	145
C	22	14	40	2500	without limit	225
D	32	19	40	2500	without limit	360
E	38	25	40	2500	without limit	500
F	51	30	40	2500	without limit	630

### INSTRUCTION AND RECOMMENDATIONS FOR ORDERING

State the dimensions of the V-section and the inside circumference of the sleeve belt.

If these dimensions is not available, we recommend measuring the path of the belt (not installed) on the machine, on the bottom of the pulley races, with the tensioning system at its minimum and maximum. With these data we will be able to supply sleeve belts having the correct dimensions to suit your machine.

Furthermore, we underline the importance of the belt tensioning systems, apt to absorb at least 1,5%- 2% of the belt dimensions to be fitted.

### PULLEY DIAMETERS

The table shows the recommended minimum pitch diameters of the pulleys on which DRAGRING/1 will be mounted.

If the design requires pulleys with smaller diameters, the belt may be transverse milled in the bottom side, so that it will be more flexible. In such case the above values may be reduced to a maximum of 30%.



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