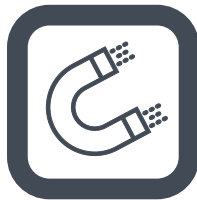


PNEUMATIC EXPANDING SHAFTS WITH LEDGES

MOD. 640 PL



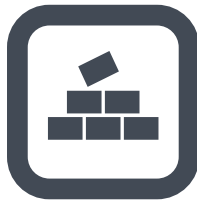
always in contact with the cores,
reduced downtime, increased
productivity; easy repair



designed to prevent and
avoid breakdowns



chosen from time to time
based on the application;
60 years of experience



designed according to
required carrying capacity



various application
possibilities and usage for
different core types



12-month warranty ensures
the quality of the product



high performances,
precise winding



The Model 640/PL is recommended for unwinding or winding reels with cores.

It can be used for all types of cores, multiple reels, and larger diameter requirements. The body of the shaft is available in a variety of light alloys or in a variety of steel, and expandors in steel, rubber, plastic or in combination, depending from the applications. The journal ends are also available in a variety of steels and are always custom-made. Expansion is obtained by a system of inflatable tubes that

are located beneath each row of expandors. Each tube exerts pressure steadily to engage the expandors when air is applied. This system results in greater self-centering qualities than other pneumatic shafts presently available. On request, tubes can be independent; this way, any leakage in one tube deflates only the broken one whilst the adjacent tubes continue to hold the core. Tube changes are quick and easy, accomplished without journal removal. Hex sockets free both expandors and tube for a quick procedure.

FEATURES MOD. 640 PL

- Multiple chamber system
- Excellent core centring
- High resistance rubber tube
- Various materials for table and journals
- Quality components
- Multiple choice for expandable elements



DATA SHEET*					640/PL			
CORE DIAMETER	from 25 up to 800 mm							
TABLE LENGTH	from 100 up to 7000 mm							
EXPANSION	8 mm on diameter							
BALANCING UP TO	2200 rpm							
OPERATING PRESSURE	5 bar min. (suggested)							
	STEEL				LIGHT ALLOY			
INTERNAL DIAMETER OF THE CORE IN MM	70/76	100	120	150	70/76	100	120	150
NUMBER OF LEAVES ON THE CIRCUMFERENCE	5	6	7	9	5	6	7	9
MAX CARRYING CAPACITY IN N. (STEEL TABLE)	13000	19000	34000	38000	7000	12000	22000	30000
TRANSMITTABLE TORQUE ON CARDBOARD CORES IN NM/CM	6,2	9,8	14,4	22	6,2	9,8	14,4	22
TRANSMITTABLE TORQUE ON STEEL CORES NM/CM	6,7	10,6	15,7	24	6,7	10,6	15,7	24
SHAFT WEIGHT (JOURNALS EXCLUDED) IN LINEAR N/CM	1,94	2,57	3,28	5,43	1,05	1,35	1,9	2,3

* The technical data are purely indicative. Contact Svecom - P.E. for customized requests