

EJES EXPANSIBLES EN VOLADIZO



DX PNEUMATIC EXPANDING SHAFTS

DX type expanding shafts have the following characteristics:

- 1 Made of steel or aluminium, with strips or keys, and diameters from 25 mm (1") to 300 mm (12").
- 2 Black anodized at 50 Hrc, for lasting protection*.
- 3 C40/45 tempered steel (55/60 Hrc) journals that can be made to order at no extra cost.
- 4 6-slot profile for 69 mm shafts, 5 or 6-slot profile for 3" mm shafts and 9-slots for 148 and 150 mm shafts.

DX type expanding shafts are made of aluminium with an extruded profile or may optionally be made of steel or ERGAL, a special aluminium alloy which allows an approximate increase of 30% in the shaft's capacity without increasing its weight.

The standard shafts are fitted with vulcanised rubber strips (rubber hardness: 80Sh±5), but on request other kinds of strips are available.

The journals can also be made to order; and our catalogue includes an assortment of standard versions that have been specifically designed to be used with our safety chucks and make locking easy. Our standard journals are square and oval-square type.

* on 3" standard, on 6" optional black or white.

TECHNICAL DATA

Expanding shaft diameter [mm]	69	74	148	150
Inside core diameter [mm]	70	3"=76,2	150	152,4
Slots number [n.]	6	5	9	9
Max. body length [mm] (0)	T-87	T-87	T-90	T-90
Max. diameter expansion[mm]	75	81	153,5	155,5
Aluminium/ergal average body weight [kg] (1)	5,6	7,5	11,7	11,9
Steel average body weight (1)	15	19	(2)	(2)
Fixed pieces weight [kg] (3)	3,2	3,4	10,1	10,2
Trasmission torque [Nm] (4)	610	520	2470	2470
Min. air pressure [bar]	6	6	6	6

(0) T = Expanding shaft body

(1) Weight for 1 m shaft including air tube, listels, clamps, protective tape

(2) Depending on application

(3) Weight for fixed parts: journals, rings, flanges, etc.

(4) Values referring to 1 m shaft