Collapsible metal drums FAST-IN™

Application of collapsible drum

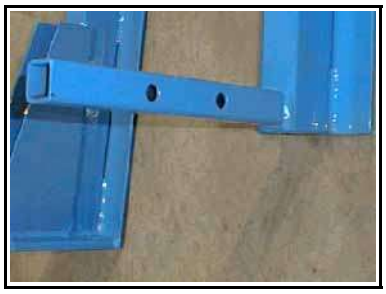
FAST-IN™ is a collapsible drum especially designed for easy manipulation in field, where the most common problem is quick replacement of coils. In case of using **FAST IN™** drum it is a question of few minutes without necessity to use tools. Moreover, **FAST IN™** is designed as universal for coils with different ID (inside diameter of coil).

Technical specification

FAST-IN™ consists of four fundamental parts:

1. **Connecting poles**, total number of 7 pc (pic. 1). Each pole has two slots (pic. 2) for adjustable drum's core diameter (two positions). On one of the poles is the fast-clamping lock (pic. 3).

Picture 1: Connecting pole



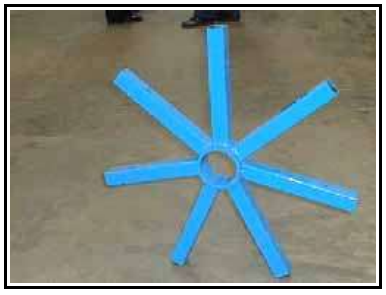
Picture 2: Slots for two different core diameters

Picture 3: Fast-clamping lock

2. **Flange for fixed connection** with poles – 1 pc (pic. 4). There is a clip on each flange ray for fixation of the connection pole with nuts M24. These clips again have two slots for different core diameters.
3. **Fast-clamping flange** – 1 pc (pic. 5).
4. **Fast-clamping cross** – 1 pc (pic. 6).

Picture 4: Flange for fixed connection

Picture 5: Fast-clamping flange



Picture 6: Fast-clamping cross

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Assembly of collapsible drum

1. Overthrust of the connecting poles onto fast-clamping cross and fixing it with nuts M19 according to selected drum's core (pic. 7, 8).
2. Fixing the assembled drum's core onto the flange for fixed connection (pic. 4) with nuts M24. Again we pick the drum core diameter from two different slot positions in flange rays (pic. 9).

Picture 7: Overthrust of the connecting poles onto fast-clamping cross

Picture 8: Completed core

Picture 9: Fixing the core onto the flange for fixed connection

3. Overthrust of thus prepared drum into a coil which has to be mounted to a palette (pic.10).
4. Overthrust of the fast-clamping flange (pic.11).
5. Turning the fast-clamping flange anticlockwise as far as the flange rays match with the cross rays (pic. 12). Then the lock is pushed out (pic. 13) and assembly is finished.

Picture 10: Overthrust of the cross into a coil

Picture 11: Overthrust of the fast-clamping flange

Picture 12: Turning the flange

Picture 13: Pushing out the lock

Assembly of the drum's core to the flange for fixed connection (assembly items 1 and 2) is done only at the first assembly or while transporting to other place. Replacement of coils is carried out according to assembly items 3 to 5 without utilization of any tools in very short time.

Proportions of collapsible drum

Drum diameter:	2 300 mm	Net width of drum (room for coil):	1 070 mm
Drum width:	1 150 mm	Core diameter (adjustable):	800 or 950 mm
Drum weight:	175 kg	Bore diameter for spindle:	83 mm