

# ACCESSORIES

## ► DRILLING TOOLS

**Drilling a hole intended for a rail bond is an essential step to produce a high quality rail connection while conserving rail strength.**

For this reason, DUBUIS has chosen a drilling/reaming concept. Drilling with a reamer drill or a reamer annular cutter is carried out in one operation: the 1<sup>st</sup> part of the tool drills the rail, the 2<sup>nd</sup> part of the tool reams the hole.

This technique guarantees an optimal surface finish and geometry, which cannot be obtained by drilling with a standard drill or annular cutter. To provide the best drilling quality, DUBUIS has chosen this method, in compliance with international standards on rail drilling.

### DRILLING FOR ELECTRICAL CONNECTIONS

#### SINGLE-PIECE REAMER DRILL

The 1<sup>st</sup> part of the tool drills the rail, the 2<sup>nd</sup> part of the tool reams the hole. This technique provides the right surface finish, geometry and dimensions of the hole. These parameters, which are essential to conserve rail strength, are accurately controlled. Weldon drill shank Ø 19 mm.



Ø 7.1	Ø 8	Ø 8.5	Ø 13.5	Ø 19	Ø 22
	30776		80164	80165	80166

#### REAMER DRILL + ADAPTER RING

The drilling + reaming techniques are identical to those above. The drill shank is round. The adaptor ring is used to adapt the drill bit to fit into the spindle of the drilling machine.



REAMER DRILL					
Ø 7.1	Ø 8	Ø 8.5	Ø 13.5	Ø 19	Ø 22
30712 *		80312	86225 *		
ADAPTER RING					
86868 *		86070	86859 *		

\* Part numbers approved by the SNCF

#### ANNULAR CUTTER REAMER + EJECTOR

The drilling + reaming techniques are identical to those above. The reamer annular cutter requires less energy than the reamer drill, and has a longer lifetime.



REAMER ANNULAR CUTTER					
Ø 7.1	Ø 8	Ø 8.5	Ø 13.5	Ø 19	Ø 22
				80396	80365
ANNULAR CUTTER EJECTOR					
				80373	80373

### DRILLING FOR FISH-PLATING

#### ANNULAR CUTTER

Ideal for drilling holes for fish-plating. The ejector is especially adapted to all our annular cutters. Maximum drilling thickness 25 mm. For thicknesses exceeding 25 mm, or other diameters, please contact us.



DIAMETER	PART No.
Annular Cutter Ejector	OALF1926500
Ø 23	OFC2300025
Ø 25	OFC2500025
Ø 26	OFC2600025
Ø 27	OFC2700025
Ø 28	OFC2800025
Ø 29	OFC2900025
Ø 30	OFC3000025
Ø 32	OFC3200025
Ø 33	OFC3300025