

highest safety – compact dimensions – fast installation

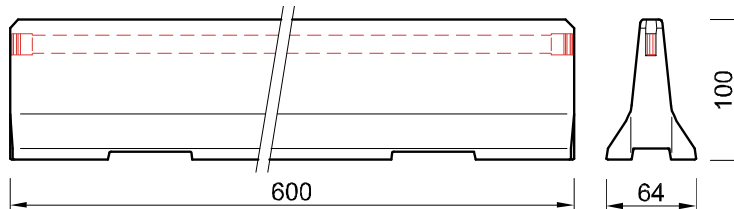
				L1	L2	L3	L4a	L4b		
T1	T2	T3	N1	N2	H1	H2	H3	H4a	H4b	

The DB 100S restraint system has been tested both single- and double-rowed. Therefore it can be variably applied.

Main features are:

- ▶ high and highest restraint safety
- ▶ simple installation
- ▶ anti-glaring protection for oncoming traffic
- ▶ low maintenance and low-priced

The resistance of the DB 100S has been successfully proved at several crash tests. Even a 38t articulated lorry could not break through a double-rowed system.



Technical specifications

Concrete quality	resistant to frost and de-icing salt (depending on national requirements)
Coupling	patented steel coupling, hot-dip galvanised
Tension bar	patented steel tension bar, hot-dip galvanised
Special lengths	2m, 4m
Accessories	approved reflectors (to attach and to stick on), sign posts, accessories for noise barriers and glare shields
Curve radii	2m elements: $r \geq 36m^*$ 4m elements: $r \geq 72m^*$ 6m elements: $r \geq 108m^*$ <small>* smaller radii available on request</small>
Misc.	anchoring of the terminals depends on terminal type, use of butt joint inserts for reduction of deflection in case of impact

Test results according to EN 1317-2

Type	DB 100S	DB 100S	DB 100S	DB 100S	DB 100S
Element length	6m	6m	6m	6m	6m
Containment level	N2	H1	H2 / L2	H3 / L3	H4b
Working width	W3	W5	W5	W7	W7
ASI	B	B	A	A	A / B
Tension bar	K220	K150	K220	K220	K220 / K150
Installation method					
System height	100cm	100cm	100cm	100cm	100cm
System width	64cm	64cm	64cm	64cm	190cm
Working width	0,9m	1,3m	1,7m	2,3m	2,5m
Tested system length	48m	48m	78m	78m	90m (without terminal elements)
Terminal anchoring	yes	yes	yes	yes	yes
Connected to the ground	no	no	no	no	no
CE certification	yes	yes	yes	yes	yes

Key facts

	Tension bar	Weight	l / w / h
Standard DB 100S / 6m K150	K150	4150kg	600 / 64 / 100cm
Standard DB 100S / 6m K220	K220	4150kg	600 / 64 / 100cm