

highest safety – compact dimensions – fast installation

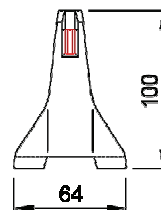
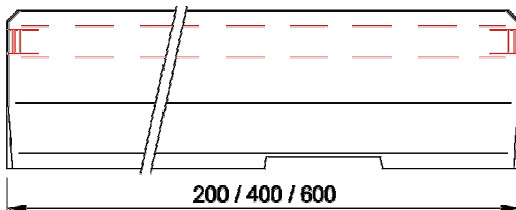


The DB 100S restraint system has been tested both single- and double-rowed. Therefore it can be variably applied.

Main features:

- ▶ high and highest restraint safety
- ▶ ASI A at containment level H2
- ▶ 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	butt joint inserts, 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 are possible, please see section Curves in the Implementation Guide</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
element length	6m	6m	6m	6m
containment level	H1	H2	H3	H4b
ASI	B	A	A	B
coupling	K150	K220	K220	K150
installation method				
system width	64cm	64cm	64cm	190cm
system height	100cm	100cm	100cm	100cm
working width	W5	W5	W7	W7
max. deflection	71cm	103cm	166cm	60cm
tested system length	48m	78m	78m	90m
		(without terminal elements)		
terminal anchoring	yes	yes	yes	yes
connected to the ground	no	no	no	no
tested positive	yes	yes	yes	yes

Key facts

	coupling	weight	l / w / h
standard DB 100S / 6m	K150	4150kg	600 / 64 / 100cm
standard DB 100S / 6m	K220	4150kg	600 / 64 / 100cm
transition DB 80 / DB 100S	K150	2580kg	400 / 64 / 100cm
transition DB 100S / DB 100	K280	5030kg	600 / 70 / 100cm