

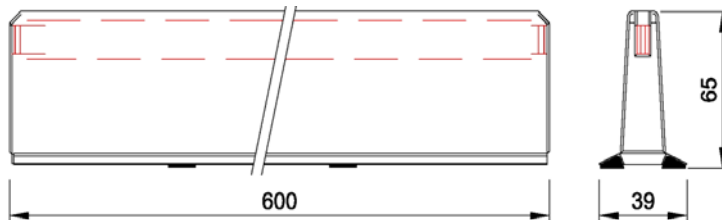
high protection - fast installation



The restraint system DB 65S is mainly used for securing construction sites and to guide the traffic flow. Due to the small width of only 39cm, the DB 65S is perfect for dividing highway lanes. During the development the main focus was put on the following aspects:

- ▶ high containment at small working widths and
- ▶ very short installation periods

By using the patented tension bar, which prevents breakthroughs reliably even at containment level H1, the high restraint safety is being achieved.



## Technical specifications

<b>concrete quality</b>	frost- and dew salt-resistant (depending on national requirements)
<b>coupling</b>	patented coupling, hot dip galvanised
<b>tension bar</b>	patented steel tension bar, hot dip galvanised
<b>special length</b>	3m
<b>accessories</b>	tested reflectors, sign posts, fences,...
<b>curve radii</b>	3m elements $r \geq 19m^*$ 6m elements $r \geq 38m^*$ <small>* smaller radii are possible, please see section <i>Curves in the Implementation Guide</i></small>
<b>misc.</b>	hot dip galvanized steel angles on elastomer bearings at the bottom thrust screws reduce the deflection of elements reliable "domino effect"-prevention without additional parts or fixing

## Test results acc. to EN 1317-2

type	DB 65S	DB 65S	DB 65S
<b>element length</b>	6m	6m	6m
<b>containment level</b>	T1	T3	H1
<b>ASI</b>	A	A	B
<b>coupling</b>	K120	K120	K120
<b>installation method</b>			
<b>system width</b>	39cm	39cm	39cm
<b>system height</b>	65cm	65cm	65cm
<b>working width</b>	W1	W2	W6
<b>max. deflection</b>	4cm	41cm	142cm
<b>tested system length</b>	60m	60m	60m (without terminal elements)
<b>terminal anchoring</b>	yes	yes	yes
<b>connected to the ground</b>	no	no	no
<b>tested positive</b>	yes	yes	yes

Key facts	coupling	weight	l / w / h
<b>Standard element DB 65S</b>	K120	1670kg	600 / 39 / 65cm
<b>Transition DB 50S / DB 65S</b>	K120	710kg	300 / 39 / 65cm
<b>Transition DB 65S / DB 80</b>	K120	1170kg	300 / 60 / 80cm
<b>Terminal DB 65S 1-piece 1x6m</b>	K120	1130kg	600 / 39 / 65cm
<b>Terminal DB 65S 2-piece 2x3m</b>			terminal DB 50S + transition DB 50S / DB 65S