

[illegible]

Chain Posts



- Quickly & easily deployed
- Corrosion proof plastic construction
- Low centre of gravity for stability
- Highly visible post colours – red/white or black/yellow



GUARDA Chain Posts

GUARDA Chain posts are the ideal low cost solution for quickly and easily cordoning off areas both indoors and short term outdoors in areas such as warehouses, production areas, retail areas etc.

Posts include chain attachment eyes with 4 positions and are supplied with a choice of one of three base styles.

Also available in useful sets of 6 posts and bases, 10 metres of chain, pack of 10 connecting links and a pack of 10 'S' hooks.

Note: We recommend a maximum 2 metres of plastic chain between each post.



Base type	Colour	Height/Post Ø (mm)	Base (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Plastic, concrete filled (three sided)	red/white	870/40	300 SL	3.4	175.13.895	1 / 2 days
	black/yellow				175.14.011	
Plastic hollow (round)	red/white		300 Ø	2	175.16.320	
	black/yellow				175.18.711	
Hard rubber (four sided)	red/white		265 x 265	2.3	175.19.222	
	black/yellow				175.16.601	
Set: Consisting of 6 chain posts, 10m M-POLY chain, 10 connecting links and 10 hooks						
Plastic, concrete filled (three sided)	red/white	870/40	300 SL	20	175.16.146	1 / 2 days
	black/yellow				175.13.735	
Plastic hollow (round)	red/white		300 Ø	9.5	175.15.850	
	black/yellow				175.17.247	
Hard rubber (four sided)	red/white		265 x 265	12.5	175.19.176	
	black/yellow				175.17.668	

NEW!

GUARDA-Plus Plastic Chain Post Set

Chain post set moulded in strong plastic with accompanying heavy, stable base (pre-filled with concrete). Chain posts complete with two integrated chain hooks.

Easy to assemble:

Insert a post into the recess in the base.

To dismantle:

Remove post by reverse of the above.

Delivered as a set of 4 comprising:

4 Chain Posts

4 Bases

12.5 m plastic chain 8 mm gauge

Specification:

Plastic Post:

Dia. 50 mm Ø

Height: 900 mm

Base:

Colour: Black

Size: 280 x 280 x 45 mm

Sets available in red/white or black/yellow.

- For Indoor and Outdoor use
- All plastic construction
- Stable design
- Value for money

**GUARDA-Flex Chain Posts**

GUARDA-Flex chain posts are manufactured in strong plastic featuring integral chain eye hooks and the folding base enables this post to be deployed quickly and effectively. This feature also enables compact storage and less risk of searching for mislaid bases etc. It is ideal for cordoning off pedestrian and vehicular vehicle areas, guidance, quarantine areas, emergency spills etc.

Specification:

Plastic Post: 50 mm Ø

Integral base: 280 x 280 mm

- For Indoor and Outdoor use
- All plastic construction
- Folds down
- Space saving
- Speedily and easily deployed

Also available as a handy kit of 4 posts plus 10 metres of M-POLY Chain.



Colour	Height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
red/white	900	20.7	175.22.245	5 / 10 days
black/yellow			175.22.063	

Colour	Height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
red/white	900	4.5	175.15.959	1 / 2 days
black/yellow			175.18.435	
Set of 4 GUARDA-Flex Chain Stands with 10m of M-POLY Chain				
red/white	900	18	175.16.132	1 / 2 days
black/yellow			175.18.626	

Chain Posts

TRAFFIC-LINE Hi-Vis Chain/Posts



An extremely flexible system that provides either temporary or permanent solutions to the segregation of pedestrians from vehicular traffic, which has many applications in parking facilities, industry, warehouses, public spaces and buildings etc.

The Patented rotating head design ensures that the installation and removal of chains is quick and simple. Additionally the head can be secured to prevent the unauthorised removal of chains/ropes. The head is manufactured in UV-resistant ABS plastic.

Specification:

Moulded plastic base: 330 mm Ø

Aluminium Post: 60 mm Ø

The posts are powder coated aluminium whilst the base is moulded and can be either bolted down (4 fixing points) or filled with either sand or water, and is fitted with round reflective panels.

Accessories:

Wall mounted hooks, see page 88.

- For Indoor and Outdoor use
- Quickly & easily deployed
- Aluminium posts in 2 colours
- Moulded base for temporary or permanent fixing
- Patented head design
- Secure four point fixing for permanent installations (fixing bolts available at extra cost)



EXTERN Chain and Warning post – with chain eye



An extremely adaptable and effective chain and warning system consisting of polypropylene post with chain eye and heavy duty base moulded from recycled PVC. The post is finished with a highly reflective red/white finish for excellent visibility.



The **EXTERN** Chain and Warning system offer a flexible and cost effective solution for cordoning off small, medium and large areas, and is suitable for both permanent and temporary applications. The chain eye rotates guiding the chain to any angle required. Simply thread the chain through the chain eye and secure to the end posts with either chain links or hooks from our chain accessory range.

O/All height: 1,000 mm
Diameter: 100 mm
Base Dimensions: 70 mm High x 570 mm Ø

Max. recommended distance between posts: 2.5 m

- Post moulded in polypropylene
- Base from recycled PVC
- Features rotating chain eye
- Quickly and easily deployed
- Eye catching red/white reflective panels
- Highly stable



Surface finish and colours	Dimensions height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
 yellow powder coated	975	2.9	179.16.360	5 / 10 days
 red powder coated			179.16.972	

Colour	Height/Ø (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Red/white	1,050/100	2.7	290.22.907	1 / 2 days
Recycled base – black (sold separately)		8.5	291.26.009	

EXTERN Heavy Duty Chain Posts – Metal bases



The **EXTERN** is especially suitable for creating temporary or semi-permanent barriers. The base can be filled with sand, gravel, concrete etc. on site. The posts are Hot Dip Galvanised and finished in striking red/white and black/yellow powder coating, complete with 2 chain eyes. The base is manufactured from 2 mm wall steel and is treated with a rust resistant finish.

Base dimensions: 300 x 300 x 100mm

Note: The post can be firmly clamped into the base socket. If the **EXTERN** is to be re-positioned then it may be moved by grasping the post only.

- Extremely robust and stable
- Easily and quickly deployed
- Post and base can be clamped together for ease of moving
- Hot Dip Galvanised posts – anti rust coated bases



Description		Post height/Ø (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Base – without handles	red/white	1,000/60	7.3	170.10.853	1 / 2 days
	black/yellow			170.22.822	15 / 20 days
Base – with handles	red/white	1,000/60	8.3	170.10.985	1 / 2 days
	black/yellow			170.88.001	15 / 20 days

Red reflective band 200mm (we recommend 2 per post)

1 / 2 days

EXTERN Heavy Duty Chain Posts – Recycled Base



Has all the features of the **EXTERN** with the metal base, except that the base is manufactured in recycled material and that the post features a chain eye cap which allows 6mm chain to be pulled through. This feature allows the posts to be positioned regardless of chain length. Our M-DEKO chain is ideal for use with this barrier system.

Base dimension: 450mm Ø

- Posts easily inserted and removed from base
- Only requires two additional connecting links or chain hooks
- Base has recessed grip feature



Description		Height/Ø (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Recycled base – with recessed grip	red/white	1,000/60	17.5	170.18.374	5 / 10 days
	black/yellow			170.88.030	15 / 20 days

Belt Posts

TRAFFIC-LINE Belt Posts



The **TRAFFIC-LINE** Belt Posts are an effective method of providing barriers and guidance. They provide the ideal solution for the clear demarcation of pedestrian areas from vehicular traffic in warehouses, industry, public buildings, open spaces etc.

The self-tensioning belt is easy to pull out and engage with the next post, and retraction is a controlled and smooth action.

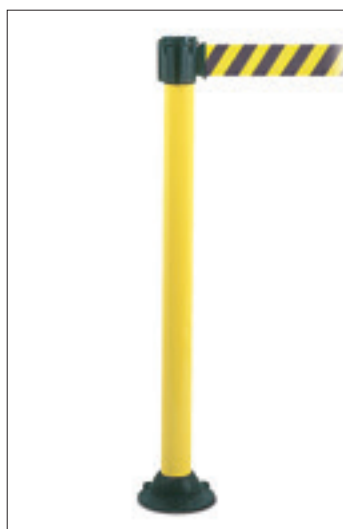
Specifications:


Aluminium Post dia.: 60 mm
GRP Base plate dia.: 155 mm
(3 fixing points)
Belt length: 3 m

Accessories:

Wall mounted clips.

- For Indoor use
- Self-tensioning bi-colour 3m belts
- Aluminium posts in 4 colours
- Permanent bases moulded in GRP
- Secure 3 point fixing
- Damped belt action for smooth retraction



Surface finish and colours	Belt colours	Dimensions height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
 yellow powder coated	yellow/black striped	895	2.3	179.88.039	5 / 10 days

TRAFFIC-LINE Hi-Vis Belt Posts



A supremely flexible system that provides either permanent or temporary demarcation of pedestrian areas from vehicular routes.

Ideal for use in industry, warehouses, car parks, open spaces, public buildings etc.

The self-tensioning belt is easy to pull out and engage with the next post, and retraction is a controlled and smooth action.

Specifications:

Moulded plastic base: 330 mm Ø
Aluminium Post: 60 mm Ø



The posts are Powder coated Aluminium whilst the base is moulded and can be either bolted down (4 fixing points) or filled with sand or water, and is fitted with round reflective panels.

- For Indoor and Outdoor use
- Self-tensioning bi-colour 3m and 4m belts
- Aluminium posts in 2 colours
- Moulded base for temporary or permanent fixing
- Secure 4 point fixing if required
- Damped belt action for smooth retraction
- Extremely stable – low centre of gravity

Accessories:

Wall mounted clips.
Belt link.

See page 88.

Surface finish and colours	Belt colour/length		Dimensions height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
 yellow powder coated	black/yellow striped	3,000	985	2.9	179.14.759	5 / 10 days
		4,000			179.22.511	
	yellow	3,000			179.17.353	
		4,000			179.26.335	
 red powder coated	red/white striped	3,000			179.19.970	
		4,000			179.28.338	
	red	3,000			179.15.362	
		4,000			179.24.575	



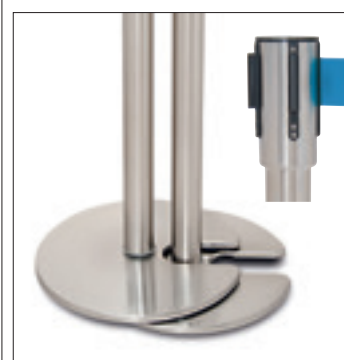
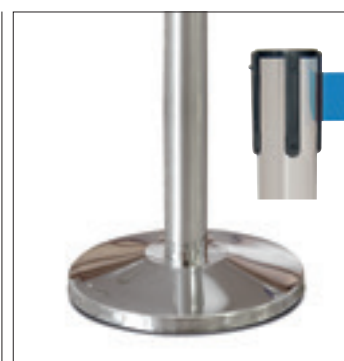
- For Indoor use
- Quickly and easily deployed
- Flexible queue options
- High quality Stainless Steel
- Damped belt action for smooth retraction

TRAFFIC-LINE Belt Posts Stainless Steel

TRAFFIC-LINE Stainless Steel Belt Barriers are a stylish method of queue management suitable for a wide range of applications. Easily adaptable to changing circumstances and requirements. Featuring a self-tensioning belt with smooth retraction the **TRAFFIC-LINE** Stainless Steel Belt Barrier offers a luxury finish at affordable cost.

The base is manufactured from heavy steel plate with a stainless steel cover, which gives the Post a high degree of stability due to a low centre of gravity.

Two versions:
With slot in base for space saving nesting.
With round base without recess.



Barrier Posts
and Chains

*Stainless
Steel*

Description	Belt colour/ length	Height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Standard base 350 mm Ø Post top 63 mm Ø	blue 2.5m	915	10.5	179.26.979	1 / 2 days
	black 2.5m			179.26.798	
Base with slot 350 mm Ø Post top 51/63 mm Ø	blue 2.5m	890	9.5	179.24.947	5 / 10 days
	black 2.5m			179.22.136	
Wall clip			0.2	179.23.874	1 / 2 days

Belt Posts/Belt Cartridges

TRAFFIC-LINE ECONOMY Belt Barrier



The **TRAFFIC-LINE ECONOMY Belt Barrier** is ideal for use as a barrier or guidance system, and is easily and quickly deployed for use as footpath marking or where traffic areas require to be cordoned off.

Designed for use in scenarios as diverse as queue guidance, industrial sites, warehouses, parking facilities, events, public spaces etc.

The self-tensioning belt easily and smoothly deploys from the cassette and attaches to the next post. In-built spring mechanism damps the belt during retraction after use. The unit is usable in both indoor and outdoor environments. The posts are easily detached from the bases for ease of transport and storage.

The dual coloured posts are manufactured in plastic, and the unit's base can be filled on site with sand or gravel for extra stability.

Specification:

Post height 950 mm
Post Ø 50 mm

- For Indoor and Outdoor use
- Strong plastic build
- Lightweight construction
- Excellent stability
- Low cost

Post colours red/white
black/yellow
Base 360 mm Ø
Base colour Black
Belt length 3 m
Belt colours red/white diagonal
black/yellow diagonal



Description	Belt colour	Height (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
	red/white	950	1.8	179.21.658	5 / 10 days
	black/yellow			179.28.568	

TRAFFIC-LINE Wall Mounted Belt Cartridge *Stainless Steel*



The **TRAFFIC-LINE** Stainless Steel Wall Mounted Belt Cartridges are the ideal solution for where a fixed point barrier is required. The Stainless Steel case houses a 2.5m long belt and is particularly suited where a higher quality appearance is required. The belt is self-tensioning and can be secured to a wall clip or to a **TRAFFIC-LINE** Stainless Steel Belt post (see page 85).

Retraction of the belt is controlled by a centrifugal brake ensuring a smooth action.

Specification:

Cartridge height: 150 mm
Cartridge depth: 80 mm
Wall bracket: Metal – painted black
Belt length: 2.5 m
Belt colour: Blue, Black
Features: Wall clip and wall fixings included

- For Indoor use
- Easily installed
- High quality Stainless Steel
- Damped belt action for smooth retraction
- 2.5 metre belt Blue or Black



Belt colour	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
blue	1.5	179.20.441	1 / 2 days
black		179.27.140	



- For Indoor and Outdoor use
- Quickly & easily deployed
- Strong warning effect
- Belts in 3m & 4m lengths
- Two mounting methods



TRAFFIC-LINE Wall Mounted Belt Cartridge

TRAFFIC-LINE Wall Mounted Belt Cartridge – Magnetic

The ideal solution for controlling access at fixed or temporary locations.

Two mounting methods:

- For screw fixing to walls, pillars etc.
- Magnetic for steel surfaces such as racking, steel cabinets etc.

The self-tensioning belts are quickly and easily deployed, the free end being simply located in the wall clip supplied or to an adjacent wall cartridge. A smooth and controlled retraction is ensured due to the centrifugal braking system.

A useful accessory is our belt link for joining two belts for gaps up to 8m.

See accessories on page 88.

Specifications:

Cartridge height: 130 mm

Cartridge depth: 110 mm





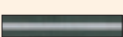
Belt width: 50 mm

Accessories:

Belt joining clip.

Additional wall clip.



		Screw fixing			Magnetic fixing		
Colours	Belt length (mm)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
 black/yellow striped	3,000	1.4	179.18.124	1 / 2 days	1.5	179.27.462	1 / 2 days
	4,000	1.5	179.23.024		1.6	179.23.187	
 red/white striped	3,000	1.4	179.13.738		1.5	179.27.835	
	4,000	1.5	179.23.085		1.6	179.21.407	
 black/yellow/black	3,000	1.4	179.19.708	5 / 10 days	1.5	179.20.545	5 / 10 days
	4,000	1.5	179.29.337		1.6	179.29.326	
 black/red/black	3,000	1.4	179.16.023		1.5	179.25.944	
	4,000	1.5	179.26.981		1.6	179.23.919	
 black/silver/black	3,000	1.4	179.18.931		1.5	179.21.084	
	4,000	1.5	179.29.945		1.6	179.27.176	

Accessories

Wall clip/Wall clip magnetic



For the Magnetic Cartridge on page 87.

Description	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Wall clip	0.2	179.16.000	1 / 2 days
Wall clip magnetic	0.3	179.26.987	

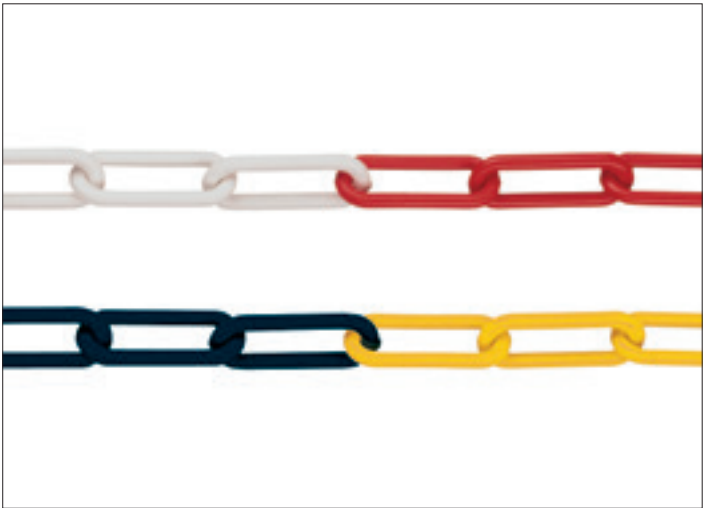
Belt link



For joining two belts, on pages 85, 86, 87.

Description	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Belt link	0.2	179.17.430	1 / 2 days

Wall clip/Wall clip magnetic



For chain posts on page 82.

Chain M-Poly-Visible 6	Length (m)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
red/white	10	1	212.14.592	1 / 2 days
black/yellow			212.15.705	

Belt link



For the Chain posts on page 82.

Description	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Wall hook	0.2	179.13.851	1 / 2 days



Barrier Chains

The **TRAFFIC-LINE** range of barrier chains are suitable for a wide range of applications and conditions.

They can be used with **TRAFFIC-LINE** Barrier Posts for demarcating and enhancing traffic lanes, pedestrian walkways, car parks etc.

The tensile strength and durability are essential criteria's to consider before purchasing, as depending on where and what they are used for, they could be subject to extremes of stress, weather conditions, vandalism etc.

Most **TRAFFIC-LINE** Barrier Chains are 'stretch tested' horizontally by the metre and the tensile breaking strain, where applicable, is indicated in the product specification table overleaf. In practice the chains will, however, take a greater lateral strain.

M-POLY Visible Barrier Chains

Manufactured from polyethylene these lightweight chains are best employed for indoor use and are extremely economical in price.

M-DEKO Visible Barrier Chains

Manufactured in high quality nylon, these lightweight chains possess the same characteristics as **MNK NYLON** chains, but have not been subjected to tensile strength testing. Consequently **M-DEKO** chains are best employed where the likelihood of stress can be avoided.

MNK NYLON Quality Barrier Chains

Produced in high quality UV and weather resistant nylon, resistant to seawater and most chemicals these highly stress resistant chains have proved their capability over many decades and as such offer a long service life. The links are non-conductive to electricity or heat, are anti-magnetic, and can withstand temperatures ranging from -40°C to $+80^{\circ}\text{C}$.

MNK-NYLON – 3 year manufacturers guarantee.

M-FERRO SIGNAL Barrier Chains

Produced in galvanised steel and coated with weather resistant polyester, these chains offer excellent strength as well as enhanced corrosion protection. They are best suited to applications where strength, durability and signalling effect are required.








SM STEEL Barrier Chains

Produced in galvanised steel, these strong high quality chains offer long service life and corrosion resistance, yet are economical in price. They are particularly ideal for use in areas where maximum resilience stress is required.

STAINLESS STEEL Barrier Chains

Manufactured in stainless steel, these high quality chains are strong and corrosion resistant for a long service life. They particularly complement our range of **CHICHESTER** Stainless Steel Town Bollards, but are equally ideal where this standard of finish is required.

Barrier Chains

	Model	Link gauge Ø (mm)	Material/finish	Link Size (Internal) (mm)	Tensile strength (daN)	Tensile breaking* (daN)
	MNK Quality 6	6	Nylon	42 x 12	200	340
	MNK Quality 8	8	Nylon	51 x 15	340	530
	M-DEKO Visible 6	6	Nylon	53 x 13	–	250
	M-POLY Visible 6	6	Polyethylene	46 x 11		–
	M-POLY Visible 8	8		52 x 11		
	SM Steel 6	6	Steel/galvanised	41 x 12	250	1.250
	SM Steel 8	8	Steel/galvanised	52 x 15	440	2.200
	M-FERRO Signal	6	Steel/galvanised + plastic coated	41 x 12	250	1.250
	SS 6	6	Stainless steel 14'401	42 x 12	–	1.250

TRAFFIC-LINE

Barrier Chain Accessories

A comprehensive range of accessories essential for attaching barrier chains to posts etc. either permanently or temporarily.

Available in packs of 10 (except Stainless Steel connecting links) in a range of colours and finishes to suit most chain colour combinations.



Connecting link – Nylon



Chain post attachment hook



Chain post attachment hook – Steel



Connecting link – Steel



Connecting link with screw

*1 daN = 10 Newton \triangleq 1 kg

Delivery weight. g/per metre	Colour change (No. of links)	Length (m)	Standard colours	Reference	Typical despatch time (working days)
300	11	50	red/white	210.12.037	1 / 2 days
			yellow/black	210.10.833	
			red	210.10.822	
			white	210.11.697	
			black	210.11.993	
			yellow	210.10.976	
400	9	25	red/white	210.11.278	
			yellow/black	210.10.234	
			red	210.12.774	
			white	210.10.033	
			black	210.11.281	
			yellow	210.10.607	
200	9	50	red/white	211.12.699	
			yellow/black	211.12.819	
150	13	10	red/white	212.14.592	
			yellow/black	212.15.705	
		50	red/white	212.10.805	
			yellow/black	212.13.380	
200	16	25	red/white	212.19.390	
			yellow/black	212.13.210	
700	–	30	zinc grey	214.12.451	
1.400	–	10	zinc grey	214.10.709	
800	18	15	red/white	213.12.984	
			yellow/black	213.11.240	
800	–	10	natural	217.17.890	5 / 10 days

Description	Qty/ pk.	Material/finish	For use with chain types	Standard Colours	Delivery weight kg/ea.)	Reference	Typical despatch time (working days)
Connecting link	10	Steel/galvanised + plastic coating	MNK Quality M-Ferro-Signal	red	0.8	216.10.614	1 / 2 days
				black		216.12.503	
		Steel/galvanised	SM-Steel	zinc grey	0.5	214.12.849	
		Nylon	M-Visible	red	0.2	216.12.210	
				black		216.11.828	
Chain- post attachment hook	10	Steel/galvanised + plastic coating	MNK Quality M-Ferro-Signal	red	0.8	216.12.687	
				black		216.10.012	
		Steel/galvanised	SM-Steel	zinc grey	0.5	214.10.329	
		Nylon	M-Visible	red	0.4	216.10.962	
				black		216.10.490	
Connecting link with screw thread 6mm	10	Steel/galvanised	SM-Steel	zinc grey	0.8	214.28.772	
		Steel/galvanised + plastic coating	MNK Quality M-Ferro-Signal	red		216.14.713	
				black		216.13.271	
	1	Stainless steel	SS	natural	0.2	216.18.191	
Connecting link with screw thread 8mm	1	Stainless steel	SS	natural	0.2	216.17.181	

Barrier Posts



- For Indoor and Outdoor use
- Strong steel post
- Simple screw fixing into base
- Quickly and easily deployed



TRAFFIC-LINE
Removable Barrier Post –
Surface fix

The **TRAFFIC-LINE** Removable Barrier Post is quick and easy to install and remove. It provides a highly visible deterrent effect at a reasonable cost. The supplied base is fixed by three 80mm depth bolts making this post ideal for use in car parks etc. for blocking off reserved spaces, access ways.

Manufactured from steel tube with an aluminium cap, with sturdy screw thread which screws into the white aluminium base.

Base: Drive over height 30mm.

Finish:
Hot Dip Galvanised and painted red/white.

Please Note: This post simply screws into the base, it does not lock into place. Do not use this product for security purposes.



Description	Ø x Wall x Height (mm)	Colour	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	
Base 170mm Ø x 30mm H	60 x 2.0 x 1,030	red/white	5.7	105.24.175	5 / 10 days	
	76 x 2.5 x 1,030		7.1	105.21.124		
Reflective rings for 60 mm Ø post (recommended 2 per post)						
Reflective rings for 76 mm Ø post (recommended 2 per post)						



- Strong steel construction
- Round or square tube options
- Choice of finishes
- Available in four diameters



TRAFFIC-LINE Barrier Posts

TRAFFIC-LINE Barrier Posts are a highly effective and adaptable method of boundary demarcation and are suitable for the restriction of access by vehicles, demarcation of walkways, traffic lanes, industrial sites, car parks, boundary posts etc.

TRAFFIC-LINE Barrier Posts can be used with **CONTROLLER** Drop Down Posts, **MINDER** Removable Barrier Posts and **TRAFFIC-LINE** Railing Systems to create complete traffic control systems. In addition to the normal fixing methods **TRAFFIC-LINE** Barrier Posts can also be

fitted into non-locking Ground sockets.

All **TRAFFIC-LINE** Posts can be supplied with one or two chain eyes.

Sub-surface fixing:

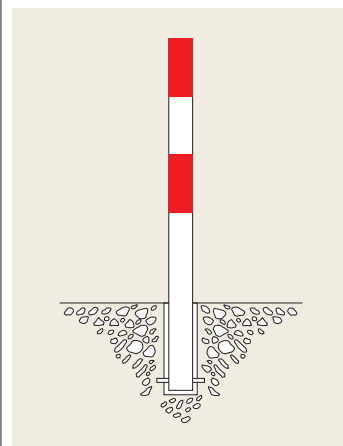
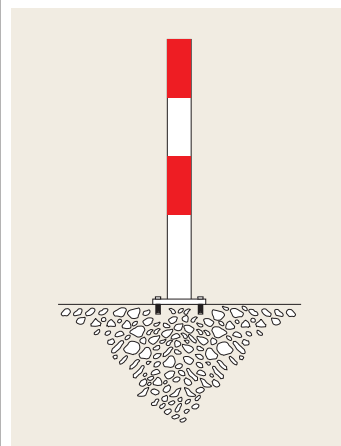
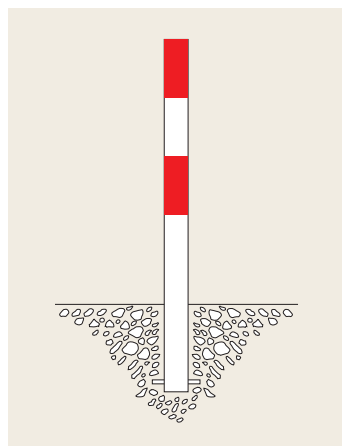
Steel posts with aluminium caps
1,330 mm long, 330 mm sub-surface
complete with ground anchor.

Surface fixing:

Steel posts with aluminium caps
1,000 mm long complete with base with
4 pre-drilled holes. Base dimensions
160 x 140 x 10 mm. (Pre-drilled 4 holes)

Removable style:

Steel posts with aluminium caps
1,330 mm long, 330 mm sub-surface
inserted into ground socket.



Barrier Posts

60mm Ø	TRAFFIC-LINE Barrier Posts – Wall thickness 2mm							
Finish	Colour	Chain eyes	Sub-surface fixing O/all height 1,330mm (330mm sub-surface)			Surface fixing Height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised and painted	red/white	0	4.7	100.10.016	5 / 10 days	6.2	100.12.839	5 / 10 days
		1		100.13.027			100.10.083	
		2		100.12.191			100.12.554	
	black/yellow	0		100.11.947	15 / 20 days		100.11.028	15 / 20 days
		1		100.13.144			100.11.376	
		2		100.10.784			100.11.853	
Hot dip galvanised and red reflective bands	zinc grey – red	0		100.10.491	5 / 10 days		100.13.031	5 / 10 days
		1		100.10.064			100.11.177	
		2		100.11.008			100.12.130	
Hot dip galvanised	zinc grey	0		100.11.255			100.12.048	
		1		100.12.523			100.12.996	
		2		100.10.353			100.10.239	
Powder coated	red/white	0		100.10.043			100.11.659	
		1		100.12.009			100.11.309	
		2		100.12.507			100.11.595	

76mm Ø	TRAFFIC-LINE Barrier Posts – Wall thickness 2.5mm							
Finish	Colour	Chain eyes	Sub-surface fixing O/all height 1,330mm (330mm sub-surface)			Surface fixing Height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised and painted	red/white	0	5.9	101.13.035	5 / 10 days	6.6	101.10.225	5 / 10 days
		1		101.12.498			101.11.164	
		2		101.11.727			101.12.118	
	black/yellow	0		101.10.007	15 / 20 days		101.11.989	15 / 20 days
		1		101.10.074			101.12.943	
		2		101.11.018			101.10.764	
Hot dip galvanised and red reflective bands	zinc grey – red	0		101.13.126	5 / 10 days		101.11.328	5 / 10 days
		1		101.10.362			101.12.282	
		2		101.11.299			101.10.101	
Hot dip galvanised	zinc grey	0		101.11.405			101.10.006	
		1		101.12.184			101.10.949	
		2		101.13.133			101.11.894	
Powder coated	red/white	0		101.10.036			101.10.313	
		1		101.12.776			101.11.258	
		2		101.10.609			101.12.870	

Accessories						
Description	TRAFFIC-LINE Barrier Posts 60mm Ø			TRAFFIC-LINE Barrier Posts 76mm Ø		
	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Non-lockable surface socket	3.0	100.10.773	5 / 10 days	3.7	101.12.484	5 / 10 days
Surface fixing bolts 10/100 (4 per surface fixing post)	0.2	109.17.393		0.2	109.17.393	
Cover cap for sub-surface socket		100.12.773			101.12.156	
Chain eye for wall fixing	109.17.947				109.17.947	
Red reflector ring – recommended 2 per post						

70 x 70mm	TRAFFIC-LINE Barrier Posts – Wall thickness 2.0mm							
Finish	Colour	Chain eyes	Sub-surface fixing O/all height 1,330mm (330mm sub-surface)			Surface fixing Height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised and painted	red/white	0	6.7	102.12.561	5 / 10 days	7.3	102.12.682	5 / 10 days
		1		102.12.841			102.10.420	
		2		102.12.358			102.10.515	
	black/yellow	0		102.11.765	15 / 20 days		102.11.448	15 / 20 days
		1		102.12.721			102.11.354	
		2		102.10.550			102.12.310	
Hot dip galvanised and red reflective bands	zinc grey – red	0		102.10.639	5 / 10 days		102.10.702	5 / 10 days
		1		102.13.005			102.11.632	
		2		102.10.825			102.12.588	
Hot dip galvanised	zinc grey	0		102.12.425			102.11.263	
		1		102.11.392			102.12.213	
		2		102.12.346			102.10.035	
Powder coated	red/white	0		102.10.508			102.10.977	
		1		102.10.165			102.11.920	
		2		102.11.110			102.12.970	

90mm Ø	TRAFFIC-LINE Barrier Posts – Wall thickness 2.5mm							
Finish	Colour	Chain eyes	Sub-surface fixing O/all height 1,330mm (330mm sub-surface)			Surface fixing Height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised and painted	red/white	0	8.5	103.10.646	5 / 10 days	8.6	103.10.703	5 / 10 days
		1		103.11.576			103.10.157	
		2		103.10.382			103.11.100	
	black/yellow	0		103.11.316	15 / 20 days		103.12.047	15 / 20 days
		1		103.12.272			103.12.995	
		2		103.10.091			103.10.814	
Hot dip galvanised and red reflective bands	zinc grey – red	0		103.12.617	5 / 10 days		103.10.446	5 / 10 days
		1		103.11.594			103.11.381	
		2		103.12.553			103.12.335	
Hot dip galvanised	zinc grey	0		103.13.134			103.11.288	
		1		103.10.600			103.12.242	
		2		103.11.530			103.10.063	
Powder coated	red/white	0		103.12.492			103.11.007	
		1		103.10.310			103.11.946	
		2		103.11.254			103.12.900	

Accessories						
Description	TRAFFIC-LINE Barrier Posts 70 x 70mm			TRAFFIC-LINE Barrier Posts 90mm Ø		
	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Non-lockable surface socket	3.6	102.10.906	5 / 10 days	4.1	103.10.698	5 / 10 days
Surface fixing bolts 10/100 (4 per surface fixing post)	0.2	109.17.393		0.2	109.17.393	
Cover cap for sub-surface socket		102.13.107			103.11.933	
Chain eye for wall fixing		109.17.947			109.17.947	
Red reflector ring – recommended 2 per post						

Barrier Posts



- For Indoor and Outdoor use
- All steel construction
- Self-righting
- Minimizes damage



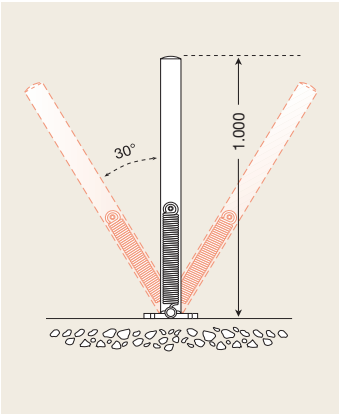
TRAFFIC-LINE
Self-righting Barrier Post

The **TRAFFIC-LINE** Self-righting Barrier Post is ideal for restricted manoeuvring areas where a high risk of damage to property is likely. The post can be deflected up to a maximum of 30° off centre in any direction and will automatically return to its original vertical position. The restriction of 30° reduces the ability of vandals to damage vehicles and nearby property, as can be the case with ordinary self-righting steel posts.

Specification:
Post: 76mm
Wall thickness: 2.9mm
Base plate: 200 x 200 x 10mm

Finish:
Hot Dip Galvanised and Powder Coated.

Versions:
Surface mounting or Sub-surface fix.



Colour	Surface fix Height 1,000 mm			Sub-surface Fix O/all height 1,330 mm, 330 mm Sub-surface		
	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
red/white	11.9	104.15.052	5 / 10 days	10.3	104.16.832	5 / 10 days
black/yellow		104.17.486			104.14.916	
Surface fixing bolts 10/100 (4 required per post – surface fixing type)				0.2	109.17.393	1 / 2 days



- High quality steel
- Profile cylinder lock with 3 keys
- Hot Dip Galvanised
- Automatic locking action



MINDER A Removable Barrier Posts

The **MINDER A** Barrier Post is an ideal choice for use where areas are required to be closed on a temporary or semi-permanent basis, such as paths, access roads, squares, market places etc.

The **MINDER A** is manufactured in strong high quality steel tube and is equipped with a keyed alike profile cylinder lock which self-latches into the ground socket. Three keys are supplied with each post.

Options:

We can offer alternative locking methods or we can install customer issued profile cylinder locks (master key systems).

Finish:

Hot Dip Galvanised and painted red/white.

Installation:

Ground socket concreted into ground.

Accessory:

Cap for ground socket with quick release lock.

Description	Ø x Wall thickness (mm)	Chain eyes	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With profile cylinder lock + 3 keys, Keyed alike. O/all height 1,330mm (330mm depth sub-surface)	60 x 2.0	0	8.7	135.17.983	5 / 10 days
		1 L		135.17.321	
		1 R		135.19.561	
		2		135.17.753	
	76 x 2.5	0	10.4	135.13.963	
		1 L		135.15.652	
		1 R		135.18.630	
		2		135.18.529	
	70 x 70 x 2.0	0	10.5	135.16.104	
		1 L		135.18.794	
		1 R		135.15.678	
		2		135.16.662	
Cover cap for ground socket. (Self-locking).	60 Ø		0.5	135.17.900	
	76 Ø		0.9	135.15.510	
	70 x 70			135.17.280	

Barrier Posts



- High quality steel
- Easily installed and removed
- Simple, effective locking system
- Hot Dip Galvanised for long service life
- Sub-surface or Surface fixing



MINDER B *Removable Barrier Posts*

The **MINDER B** Barrier Post is an ideal choice for use where areas are required to be closed on a temporary or semi-permanent basis, such as paths, access roads, squares, market places etc. For fully integrated Traffic Control they can be used in conjunction with **TRAFFIC-LINE** Railing Systems and Barrier Posts, incorporating **TRAFFIC-LINE** Chains if required.

The **MINDER B** is manufactured in strong high quality steel tube and is equipped with a lock which is operated by a triangular key.

Finish:

Hot Dip Galvanised and painted red/white.

Installation:

Sub-surface (330mm) socket with locking plate.

Surface mounted locking plate (250 x 100 x 45mm).

Key

Triangular key (sold separately to DIN 3223)



60mm Ø	MINDER B – Wall thickness 2mm							
Finish	Colour	Chain eyes	Sub-Surface Fix O/all height 1,330mm (330mm Sub-surface)			Surface Fix with special locking plate, height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised	zinc grey	0	7.3	130.12.406	5 / 10 days	7.6	130.12.177	5 / 10 days
		1		130.11.447			130.12.405	
		2		130.10.224			130.11.163	
Hot dip galvanised and painted	red/white	0		130.10.465	15 / 20 days		130.10.107	15 / 20 days
		1		130.10.469			130.12.123	
		2		130.10.674			130.13.073	
	black/yellow	0		130.12.117			130.13.067	
		1		130.10.884			130.11.823	
		2		130.12.775			130.10.608	

76mm Ø	MINDER B – Wall thickness 2.5mm							
Finish	Colour	Chain eyes	Sub-Surface Fix O/all height 1,330mm (330mm Sub-surface)			Surface Fix with special locking plate, height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised	zinc grey	0	9.6	131.10.765	5 / 10 days	9.4	131.10.590	5 / 10 days
		1		131.10.026			131.11.519	
		2		131.12.483			131.10.301	
Hot dip galvanised and painted	red/white	0		131.11.804	15 / 20 days		131.11.899	15 / 20 days
		1		131.11.699			131.11.829	
		2		131.12.397			131.12.845	
	black/yellow	0		131.11.243			131.12.194	
		1		131.13.143			131.10.654	
		2		131.11.584			131.12.543	

70 x 70mm	MINDER B – Wall thickness 2mm							
Finish	Colour	Chain eyes	Sub-Surface Fix O/all height 1,330mm (330mm Sub-surface)			Surface Fix with special locking plate, height 1,000mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Hot dip galvanised	zinc grey	0	9.8	132.12.656	5 / 10 days	9	132.12.953	5 / 10 days
		1		132.10.082			132.10.775	
		2		132.10.487			132.11.711	
Hot dip galvanised and painted	red/white	0		132.12.385	15 / 20 days		132.12.527	15 / 20 days
		1		132.11.423			132.12.665	
		2		132.12.069			132.10.356	
	black/yellow	0		132.11.027			132.10.498	
		1		132.11.968			132.11.433	
		2		132.12.921			132.12.388	

Accessories		Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Surface fixing bolts 10/100 (4 required per post)		0.2	109.17.393	1 / 2 days
Triangular key (please order separately)			130.12.326	
Keep plate		2.9	130.10.004	5 / 10 days
Cover/dirt cap for ground socket		0.1	130.10.931	
MINDER 60mm Ø. Red reflective bands (2 per post)				
MINDER 76mm Ø. Red reflective bands (2 per post)				
MINDER 70 x 70mm. Red reflective bands (2 per post)				

Parking Posts



- Strong steel construction
- Hot dip galvanised for long life
- Surface or Sub-surface fix options
- Lockable by cylinder key or triangular key.



CONTROLLER Drop-Down Post

The **CONTROLLER** is an effective deterrent to the unauthorised use of restricted spaces, and is particularly effective in areas such as driveways, car parks, restricted areas in commercial, industrial, private and public buildings.

The **CONTROLLER** post can be supplied with chain eyes (please advise direction of tilt) and red reflective bands.

Specification:

Steel post: 70 x 70 mm
Height-Folded down: 78 mm
Locking plate: 140 x 160 x 10 mm

Finish:

Hot Dip Galvanised and painted.

Installation:

Surface fixing and Sub-surface fix.

Versions:

Keyed alike cylinder locking style with two keys – Model A, and Triangular key locking – Model B.

Option:

Individually keyed cylinder locks available to order (no extra cost).

Note:

When ordering with chain eyes, please specify direction of tilt.

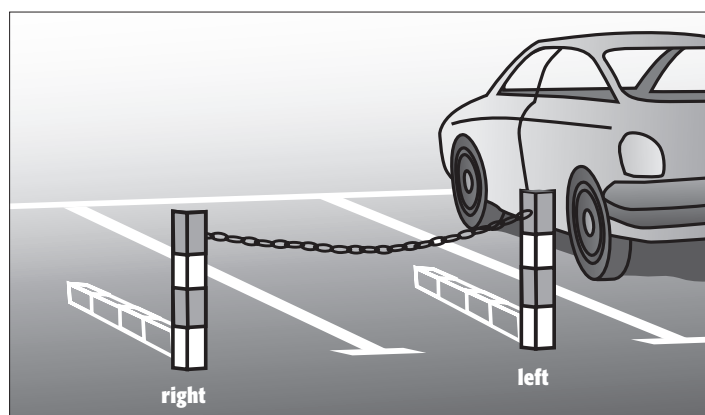


70 x 70mm CONTROLLER A – Wall thickness 2 mm								
Description	Finish	Colour	Surface Fix O/all height 1,000 mm			Sub-Surface Fix O/all height 1,330 mm (330 mm Sub-surface)		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With cylinder lock – complete with 2 keys. Keyed alike.	Hot dip galvanised	zinc grey	8	116.12.377	1 / 2 days	9.3	116.12.751	1 / 2 days
	Hot dip galvanised and painted	red/white		116.10.429			116.12.098	
		black/yellow		116.10.855	15 / 20 days		116.12.961	15 / 20 days

Accessories	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Surface fixing bolts 10/100 (4 per post – surface fixing style)	0.2	109.17.393	1 / 2 days
Additional keys for cylinder lock – keyed alike		110.12.571	
Red reflective bands – 2 per post			15 / 20 days
Chain eyes – contact us for prices			
Individually keyed cylinder locks –no extra cost			

70 x 70 mm CONTROLLER B – Wall thickness 2 mm								
Description	Finish	Colour	Surface Fix O/all height 1,000 mm			Sub-Surface Fix O/all height 1,330 mm (330 mm Sub-surface)		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With triangular key – please order separately	Hot dip galvanised	zinc grey	8.2	116.13.017	15 / 20 days	9.5	116.10.390	15 / 20 days
	Hot dip galvanised and painted	red/white		116.12.343	5 / 10 days		116.11.675	5 / 10 days
		black/yellow		116.10.271	15 / 20 days		116.10.783	15 / 20 days

Accessories	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
Surface fixing bolts 10/100 (4 per post – surface fixing style)	0.2	109.17.393	1 / 2 days
Triangular key (Please order separately)		130.12.326	
Red reflective bands – 2 per post			15 / 20 days
Chain eyes – contact us for prices			



Please advise tilt direction for post with a chain eye.

Parking Posts



- Elegant, modern design
- Semi-automatic operation
- Mortise cylinder locking
- Corrosion resistant



CONTROLLER-PLUS
*Semi-Automatic
Drop Down Post*

Barrier Posts
and Chains

The **CONTROLLER-PLUS** is engineered to blend with and complement modern building styles, but without sacrificing any of the security features of our range of parking posts, making it suitable for installation in private car parks, drives, commercial properties etc.

The **CONTROLLER-PLUS** is very easily operated – to lower simply unlock, give a gentle push, and the post reclines to the ground. To return to the upright position simply press the pedal located in the base, and it will rise and lock automatically.

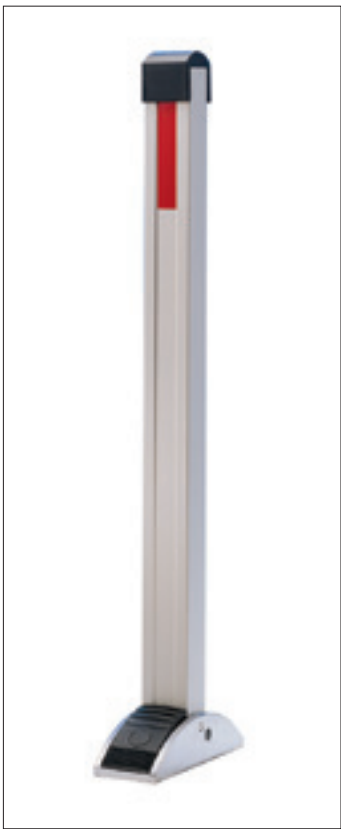
The post features a very low 75 mm in the lowered position making it suitable for use with most cars.

Specification:
Aluminium post: 70 x 50 mm
Wall thickness: 3 mm
Base plate: 250 x 90 mm

Surface treatment:
Anodised aluminium with red reflective strip.

Installation:
Surface mounted.
Fixing bolts supplied.

Locking system:
Mortise cylinder lock with 2 keys supplied. Option of keyed alike or individually keyed.



Lock system	Height (mm)	Locking	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With mortise cylinder lock + 2 keys	950	Keyed alike	5	114.19.490	1 / 2 days
		Individually keyed		114.14.132	



- Effective, strong deterrent
- Easy to install and operate
- Lockable with padlock (not supplied)
- Option of 3 finishes



DEFENDER Drop Down Post

For quality, strength and a highly visible deterrence effect, the **DEFENDER** has it all for use in car parks, access to parking bays, driveways etc.

The **DEFENDER** is securely locked in position by means of a 'U' shaped locking pin, secured by a padlock (not supplied). Please ensure padlock shank does not exceed 5 mm Ø.

The **DEFENDER** has a drive over height of 110mm.

Specification:

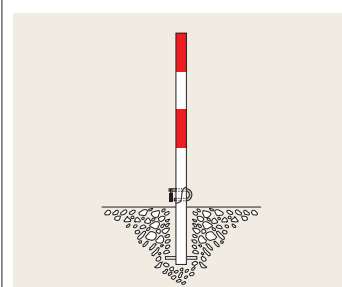
Steel post: 60 mm Ø
Wall thickness: 2 mm
Base plate: 160 x 140 x 10 mm
(Surface fix)

Finish:

Hot dip galvanised or hot dip galvanised and painted.

Installation:

Sub-surface fix (with ground anchor) or Surface fix.



Locking system	Finish	Colour	Sub-Surface Fix O/all height 1,330 mm (33 mm Sub-surface)			Surface Fix Height 1,000 mm		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With 'U' locking pin for padlock (padlock not supplied)	Hot dip galvanised	zinc grey	8.7	120.10.102	1 / 2 days	8.1	120.12.311	1 / 2 days
	Hot dip galvanised and painted	red/white		120.11.389			120.12.749	
		black/yellow		120.11.990			120.12.019	
Surface fixing bolts 8/100 (4 required per post)						0.2	109.17.393	1 / 2 days
Red reflector bands (2 per post) – contact us for prices								
Chain eyes – contact us for prices								15 / 20 days

Parking Posts



- Strong steel construction
- Surface or Sub-surface installation
- Hot Dip Galvanised for long life
- Suitable for most makes of car



COMMANDER

Drop Down Frame Post

Prevent the unauthorised use of parking spaces by installing the **COMMANDER** Drop Down Frame Post.

The **COMMANDER** Drop Down Post is a strong and effective car parking post for use in car parks – private and public, multi-story car parks, municipal car parks etc. The construction allows for a low clearance height of 68 mm when lowered to suit most makes of cars. The bevelled base helps to protect tyres and hinge mechanism of the post.

Specification:

Steel post: 70 x 50 mm
Wall thickness: 3 mm
Frame width: 750 mm

Frame tube dia.: 33.5 mm

Base plate: 220 x 140 x 68 mm

Finish:

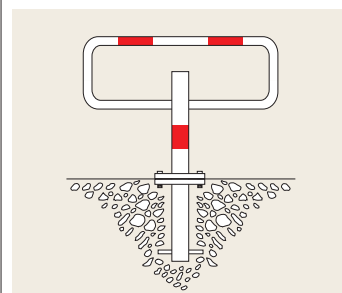
Hot dip galvanised only or hot dip galvanised with two red reflective bands or additionally painted white.

Installation:

Sub-surface or Surface fix.

Lock:

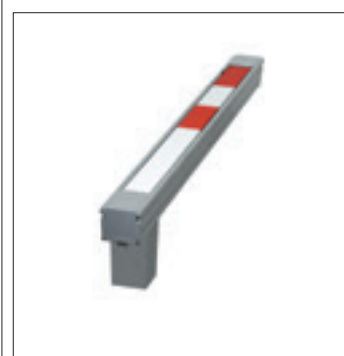
Cylinder lock complete with two keys, we can supply cylinder locks to match existing keys (at no extra cost), or optionally we can supply with a profile cylinder lock. Please ask for details.



Locking system	Finish	Colour	Surface Fix With base plate. Height 570 mm of surface.			Sub-Surface Fix O/all height 900 mm (330 mm Sub-surface)		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
With mortise cylinder lock 2 keys included	Hot dip galvanised	zinc grey	10.9	112.18.153	1 / 2 days	15.5	112.13.935	1 / 2 days
	Hot dip galvanised with reflective red bands	zinc grey/red		112.19.889			112.19.774	
	Hot dip galvanised, painted and with red reflective bands	red/white		112.14.827			112.14.005	
Surface fixing bolts 8/100 (4 required per post- surface fix type)						0.2	109.17.393	
Preparation work for Profile cylinder lock - please ask for price								15 / 20 days



- Strong steel post
- High visual protection
- Flush non trip hazard when lowered
- Recess protected by strong steel plate



COMMANDER-PLUS

Flush-Fitting Drop Down Post

Installation:

It is important that the excavation is properly drained e.g. gravel layer. We do not recommend installation in areas of standing water (e.g. ground water).

Maintenance:

To ensure on going correct function we recommend that all moving parts are cleaned and lubricated at least twice a year.

The **COMMANDER-PLUS** Drop Down Post combines car park space protection with non-trip benefits to pedestrians and cyclists etc.

The steel post recesses into a strong aluminium trough which is installed by concreting into the ground ensuring the top surface of the trough is flush with the ground surface. When the post is in the upright position the trough opening is automatically protected with a strong steel panel.

Specification:

Steel post: 70 x 70mm
Wall thickness: 2mm
Post height: 900mm

Finish:

Hot dip galvanised only or hot dip galvanised and painted.

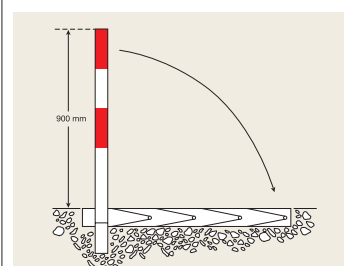
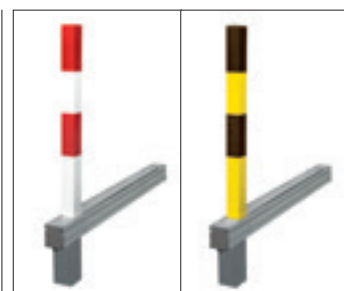
Locking systems:

Mortise cylinder lock – keyed alike including two keys (**COMMANDER-PLUS** Model A) or triangular lock (**COMMANDER-PLUS** Model B) to DIN 3223.

Options:

Red reflective bands. Additional colours in epoxy paint.

Suitable for use with all makes of car.



Height (mm)	Finish	Colour	COMMANDER PLUS A With mortise cylinder lock + 2 keys			COMMANDER PLUS B With triangular key lock (Key extra)		
			Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
900	Hot dip galvanised	zinc grey	23.7	113.11.014	5 / 10 days	23.8	113.12.225	5 / 10 days
	Hot dip galvanised and painted	red/white		113.10.561			113.11.493	
		black/yellow		113.13.584	15 / 20 days		113.16.473	15 / 20 days
Additional keys for cylinder lock						0.2	110.12.571	1 / 2 days
Triangular key for COMMANDER-PLUS B (Please order separately)							130.12.326	
Red reflective bands								