

Componenti speciali

Special components



MARCEGAGLIA
BUILDTECH

steel safety on roadways

Require Marcegaglia buildtech full range of steel road safety barriers: from the **steel partner**, steel safety on roadways.

Marcegaglia buildtech safety barriers solutions are part of Marcegaglia steel production chain and are engineered, assembled then **tested** in order to comply with specific **norm requirements**.

Certificazioni

Certifications - Zertifizierungen - Certifications - Certificaciones

- **RINA ISO 9001:2008** certificato N. 12370/05/S
- **IQNet - CISQ/RINA** Quality Management System
ISO 9001:2008 Registration N. IT-42009
- **Certificati CE** di costanza della prestazione

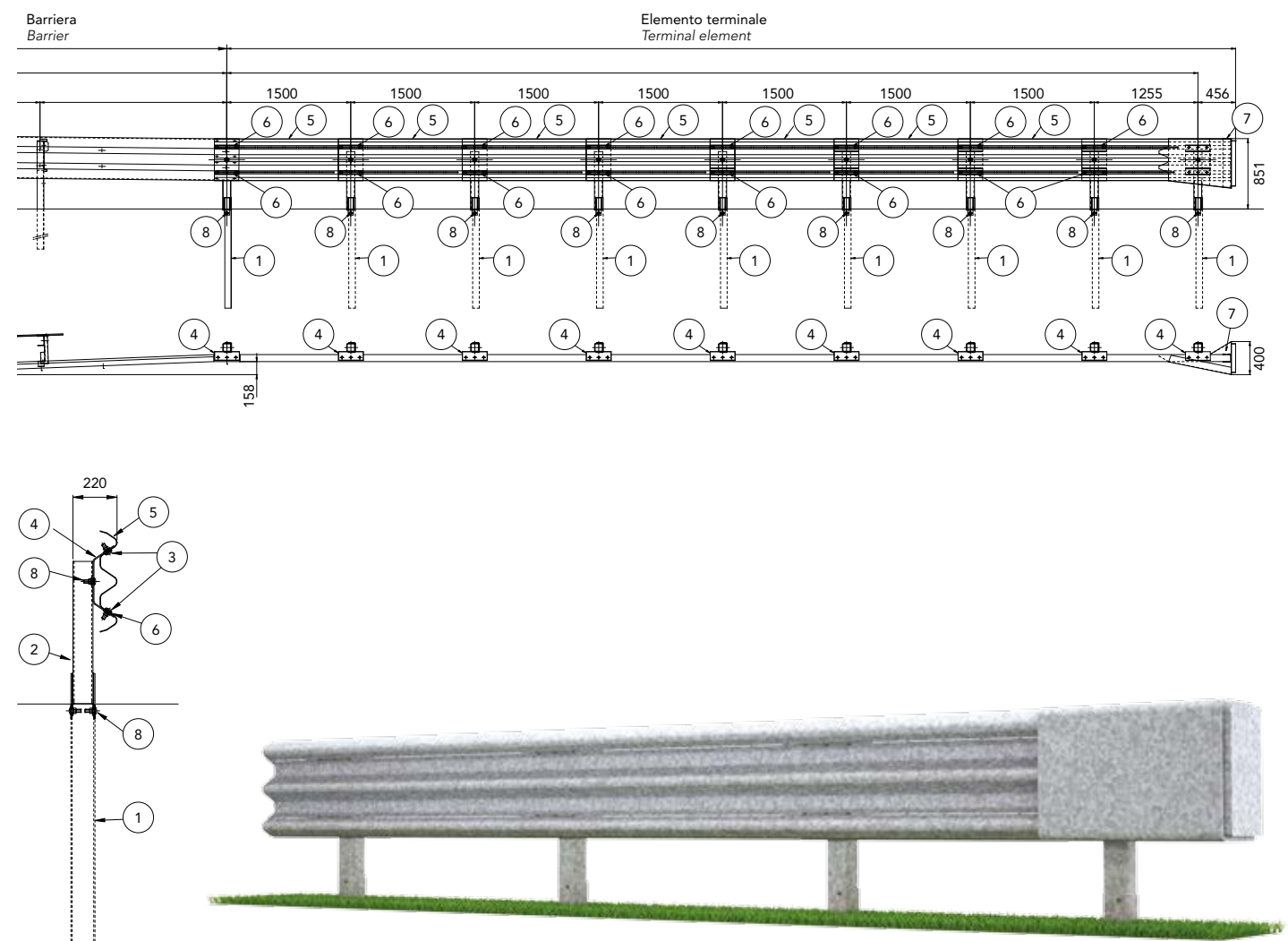
Crash tests

Crash tests - Crash-Tests - Essais de chocs - Crash tests

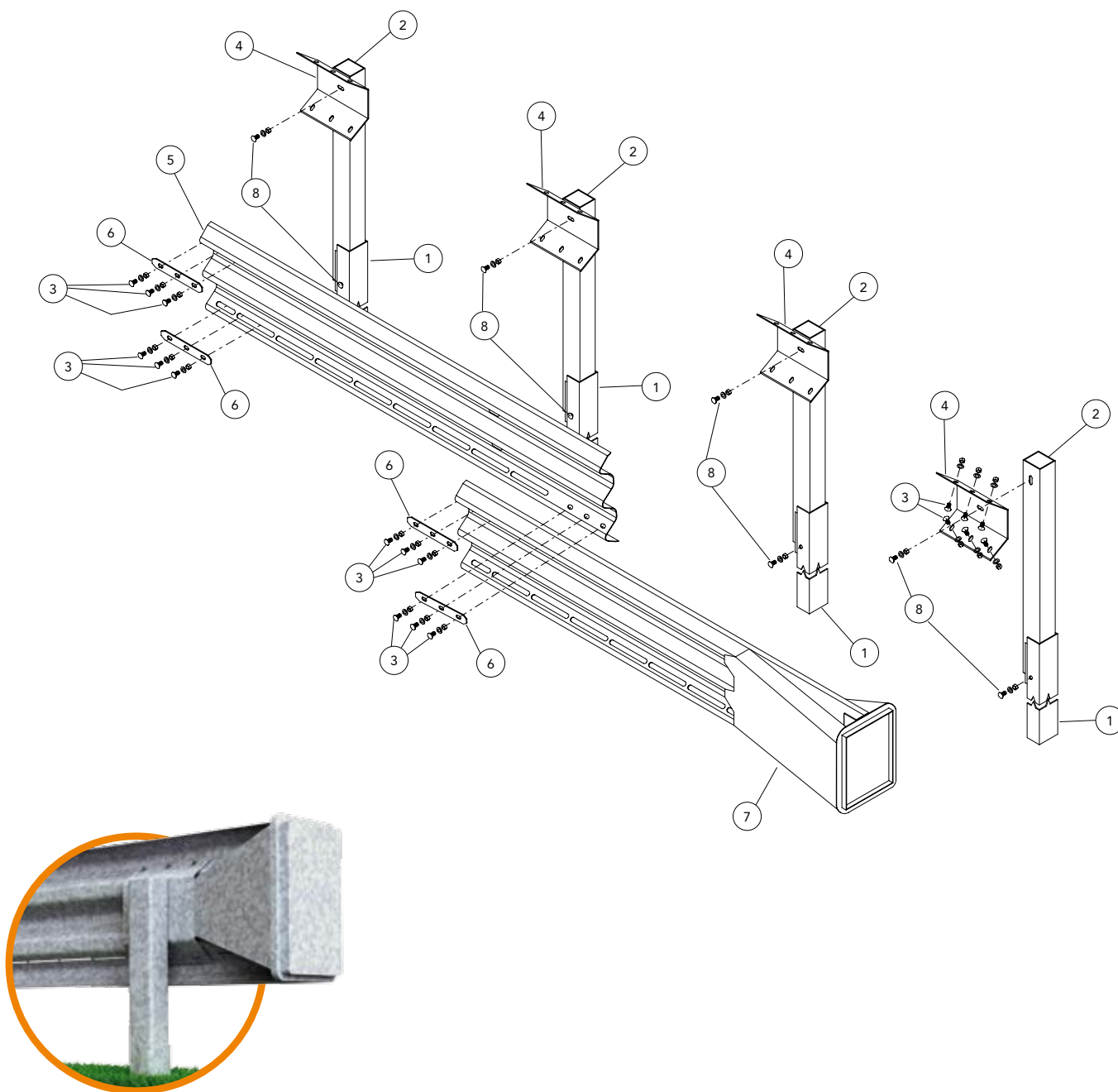


Terminale per barriera P4

Terminal for safety barriers P4
Endkonstruktionen von Schutteinrichtungen P4
Extrémité de glissières de sécurité P4
Terminal de barrera P4



Rapporti di prova Crash test reports, Testberichte, Comptes rendus d'essais, Relaciones de pruebas											
Test n.	Facility	Test	Type	Mass kg	Speed km/h	ASI max 1.4	PHD max 20g	THIV	D m	Z m	W m
MCG/EXT-006/1154	LIER	TT 1.3.110	Frontale 0°	1.500	110	0,9=A	12	32	1,1	Z1	0,6=W1
MCG/EXT-007/1285	LIER	TT 2.1.100	Disassata	900	100	1,2=B	19	39	1	Z1	1,4=W5
MCG/EXT-003/1122	LIER	TT 4.3.110	Laterale 15°	1.500	110	0,9=A	12	32	1,2	Z1	1,7=W5
MCG/EXT-004/1123	LIER	TT 5.1.100	Contronatura 165°	900	100	0,9=A	8	26	1,1	Z1	1,2=W4



Componenti Components, Bauteile, Composants, Elementos				
	Descrizione Description		Materiale Material	Codice Code
8	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Classe 8.8	63800453
7	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal		S 275 JR	59601557
6	Piastrina irrigidimento Stiffening plate, Versteifungsplatte, Plaque de renfort, Placa de arriostado		S 275 JR	59601555
5	Fascia 3 onde 3-waves beam, 3-wellige Leitschiene, Glissière 3 crosses, Banda triple onda	L=1800 Th=3 mm	S 275 JR	59300385
4	Distanziatore Spacer, Abstandhalter, Entretoise, Separador	Th=5 mm	S 275 JR	59601553
3	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Classe 8.8	63800014
2	Tubo quadro Square tube, Vierkanthrohr, Tube carré, Tubo cuadrado	100x100 Th=6 H=709 mm	S 275 JR	59601551
1	Palo "U" U-post, U-Steher, Poteau en U, Poste "U"	120x80 Th=6 H=1336 mm	S 275 JR	59400562

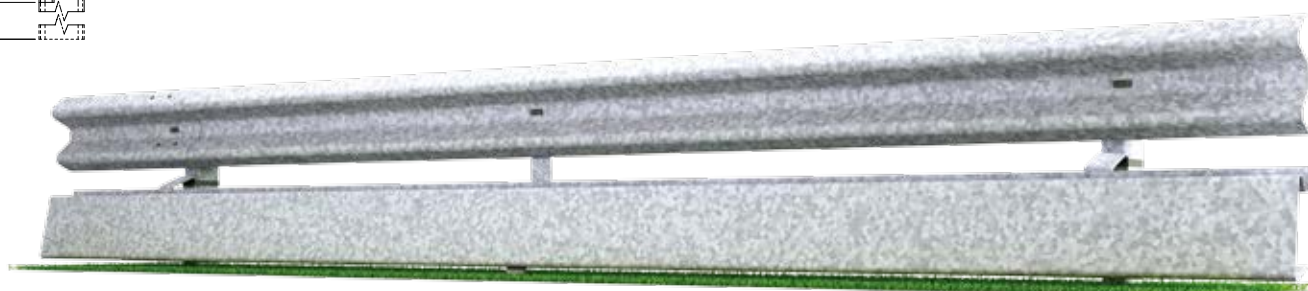
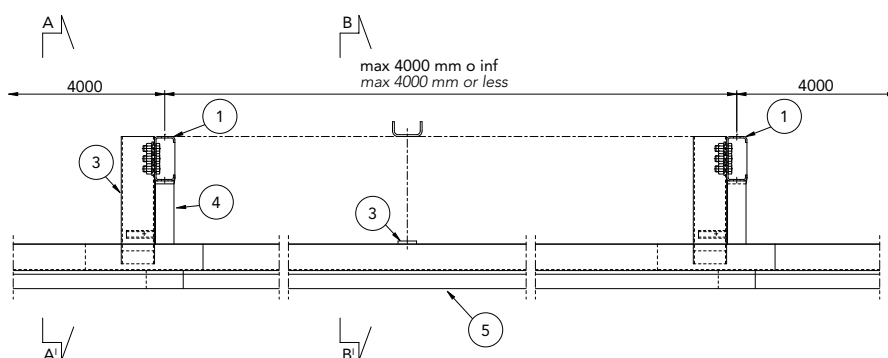
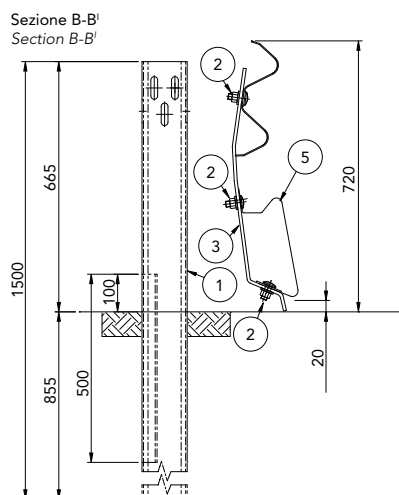
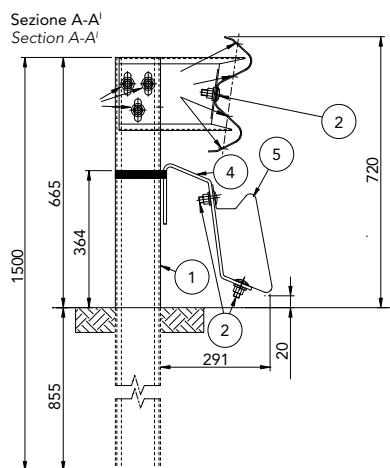
Barriera per motociclista - Livello I

Safety barriers for motorcyclists - Level I

Rückhaltesysteme für Motorradfahrer - Level I

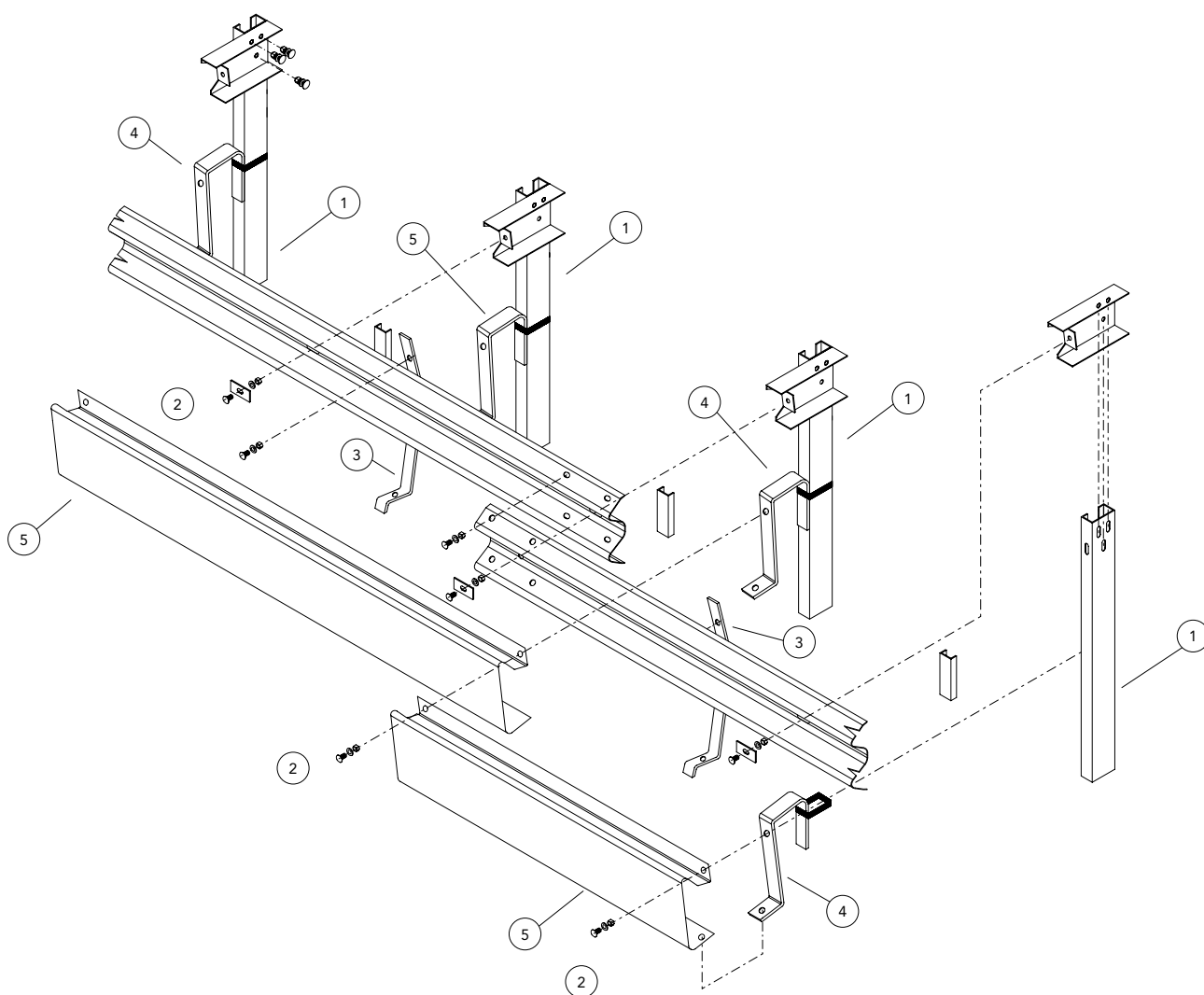
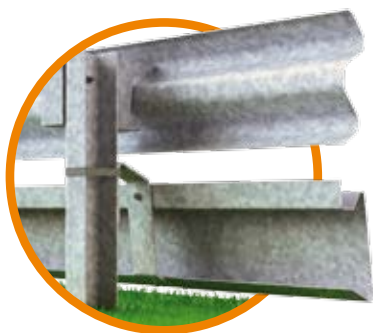
Glissières de sécurité pour motocyclistes - Niveau I

Barrera para protección de motociclistas - Nivel I



Rapporti di prova Crash test reports, Testberichte, Comptes rendus d'essais, Relaciones de pruebas

Test n.	Facility	Test	Type	Barrier length m	Mass kg	Speed km/h	HIC 36	FxN	Fz Traz N	Fz Com-pr. N	Mcox Nm	Mcoy Flex Nm	Mcoy Estens. Nm
PROVA M028	Aisico	TM 3.60	Mezzeria 30°	16	80	60	298.84	528.77	1515.14	2589.73	27.26	28.14	43.54
PROVA M022	Aisico	TM 1.60	Palo 30°	16	80	60	169.11	337.34	1204.87	2654.33	73.79	20.61	42.27



Componenti Components, Bauteile, Composants, Elementos

	Descrizione Description		Materiale Material	Codice Code
1	Palo "U" U-post, U-Steher, Poteau en U, Poste "U"	80x40 Th=5 H=500 mm	Corten	59400631
2	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x40 mm C=60 nm	Classe 5.8	59800432
3	Staffa sostegno profilo tipo A Support for A-type profile, Haltebügel für Profil Typ A, Étrier support profil type A, Soporte perfil tipo A		S 235 JR	59601663
4	Staffa sostegno profilo tipo B Support for B-type profile, Haltebügel für Profil Typ B, Étrier support profil type B, Soporte perfil tipo B		S 235 JR	59601660
5	Profilo contenimento motociclista Motorcyclist containment profile, Motorradfahrer-Unterfahrschutz, Profil de retenue motocycliste, Perfil retención motociclista		S 235 JR	59601609

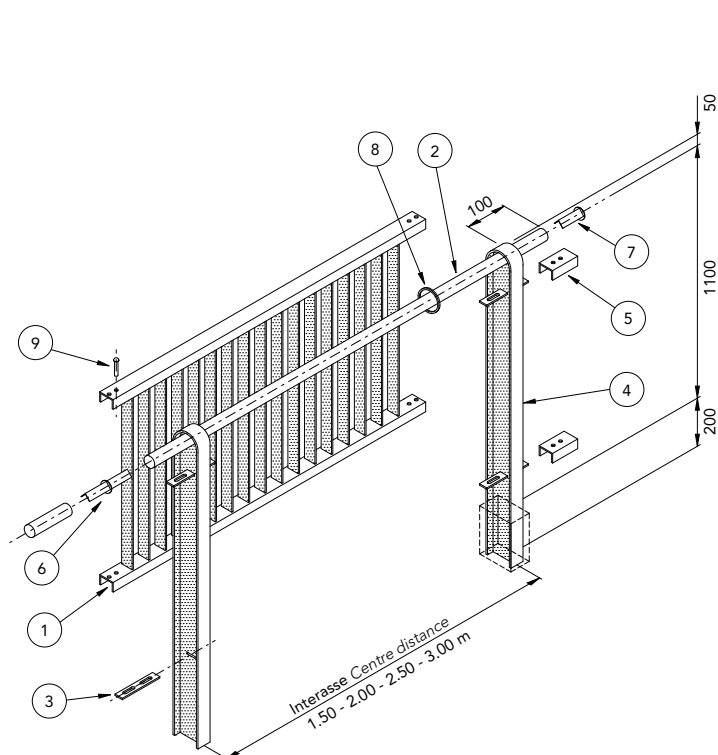
Ringhiera parapetto PS1 - per rilevato

Single sided fencing PS1

Geländer für rammfähige Böden PS1

Glissière parapet PS1 - pour remblai

Baranda parapeto PS1 - para realizado



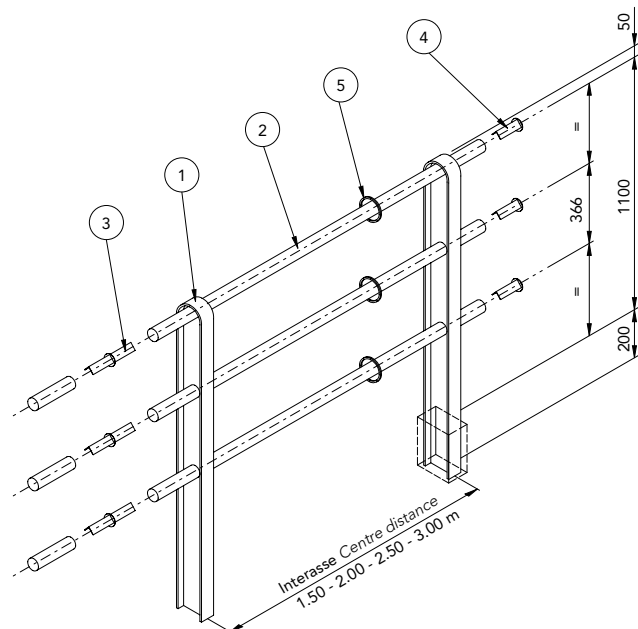
Ringhiera parapetto PS2 - per rilevato

Single sided fencing PS2

Geländer für rammfähige Böden PS2

Glissière parapet PS2 - pour remblai

Baranda parapeto PS2 - para realizado



Componenti Components, Bauteile, Composants, Elementos

Ø60

Ø48

	Descrizione - Description	
1	Pannello Panel, Lärmschutzplatte, Panneau entraxe, Panel	1,50 - 2,00 - 2,50 - 3,00
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø60x3 mm
3	Staffa Bracket, Bügelschraube, Étrier, Brida	35x6 L=180
4	Montante Upright, Pfosten, Montant, Puntal	INP100/INP120
5	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal	
6	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø60 - Ø48
7	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø60 - Ø48
8	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	
9	Bulloneria (n°8 per pannello) Bolts (nr. 8 per panel), Schrauben (8 je Blech), Boulons (8 par panneau), Tornillo (8 por panel)	M12

Componenti Components, Bauteile, Composants, Elementos

Ø60

Ø48

	Descrizione - Description	
1	Montante Upright, Pfosten, Montant, Puntal	INP100/INP120
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø60x3 mm
3	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø60 - Ø48
4	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø60 - Ø48
5	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	

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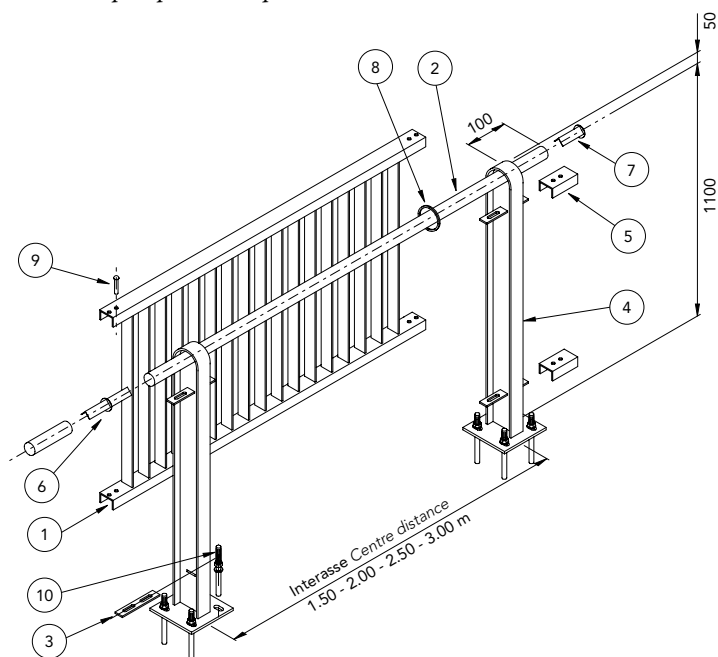
Ringhiera parapetto PS1 - per manufatto

Single sided fencing for concrete PS1

Geländer für Kunstbauten PS1

Glissière parapet PS1 - pour béton

Baranda parapeto PS1 - para estructuras viales



Componenti Components,
Bauteile, Composants, Elementos

Ø60

Ø48

	Descrizione - Description	
1	Pannello Panel, Lärmschutzplatte, Panneau entraxe, Panel	1,50 - 2,00 - 2,50 - 3,00
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø60x3 mm
3	Staffa Bracket, Bügelschraube, Étrier, Brida	35x6 L=180
4	Montante Upright, Pfosten, Montant, Puntal	INP100/INP120
5	Elemento terminale Terminal element, Abschlusselement, Extrémité, Elemento terminal	
6	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø60 - Ø48
7	Tappo per tubo corrimano Handrail tube cap, Deckel für Handlaufrohr, Bouchon pour tube rambarde, Tapón para tubo pasamanos	Ø60 - Ø48
8	Fascia fermatubo corrimano Handrail tube fastener, Handlaufrohrschelle, Fixation pour tube rambarde, Abrazadera sujeta-tubo pasamanos	
9	Bulloneria (n°8 per pannello) Bolts (nr. 8 per panel), Schrauben (8 je Blech), Boulons (8 par panneau), Tornillo (8 por panel)	M12
10	Tirafondo d'ancoraggio Anchor bolt, Verbundklebeankerschraube, Tire-fond d'ancrage, Varilla rosca	Ø16 mm

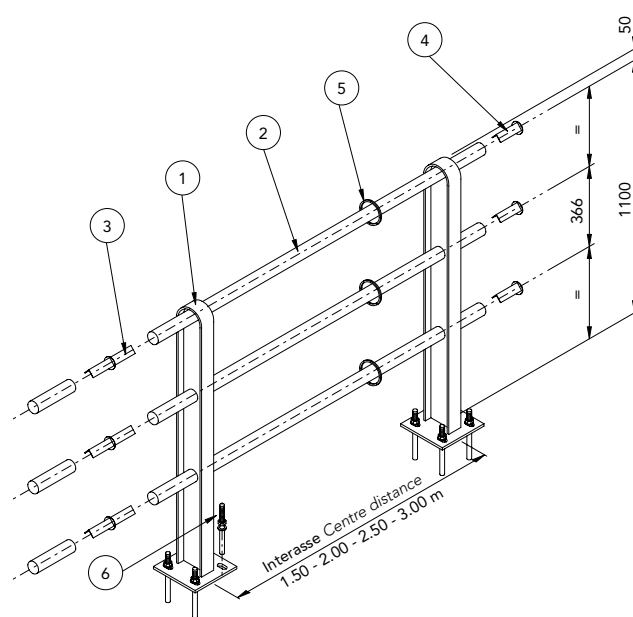
Ringhiera parapetto PS2 - per manufatto

Single sided fencing for concrete PS2

Geländer für Kunstbauten PS2

Glissière parapet PS2 - pour béton

Baranda parapeto PS2 - para estructuras viales



Componenti Components,
Bauteile, Composants, Elementos

Ø60

Ø48

	Descrizione - Description	
1	Montante Upright, Pfosten, Montant, Puntal	INP100/INP120
2	Tubo corrimano Handrail tube, Handlaufrohr, Tube rambarde, Tubo pasamanos	Ø60x3 mm
3	Giunto per tubo corrimano Handrail tube coupling box, Verbindungsstück für Handlaufrohr, Raccord pour tube rambarde, Acoplamiento para tubo pasamanos	Ø60 - Ø48
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6	Tirafondo d'ancoraggio Anchor bolt, Verbundklebeankerschraube, Tire-fond d'ancrage, Varilla rosca	Ø16 mm