

## BARRIERE SPARTITRAFFICO

*DOUBLE SIDED GUARDRAILS  
LEITPLANKEN FÜR DEN MITTELSTREIFEN  
GLISSIÈRE POUR TERRE-PLEIN CENTRAL  
BARRERAS PARA MEDIANAS*



## CLASSE H2 SPARTITRAFFICO - BARRIERA 2 ONDE W4

Class H2 Double sided - 2-waves guardrail W4

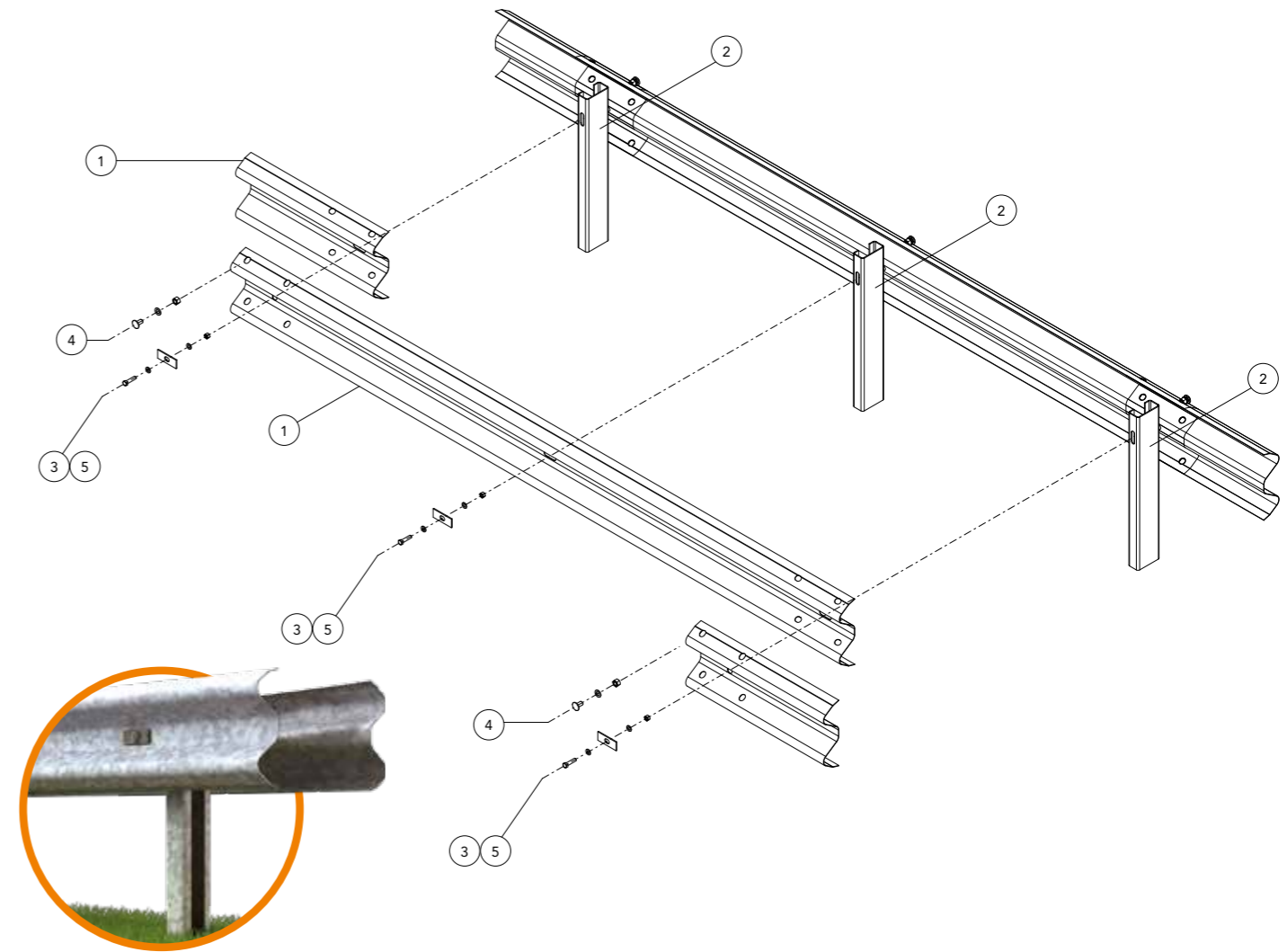
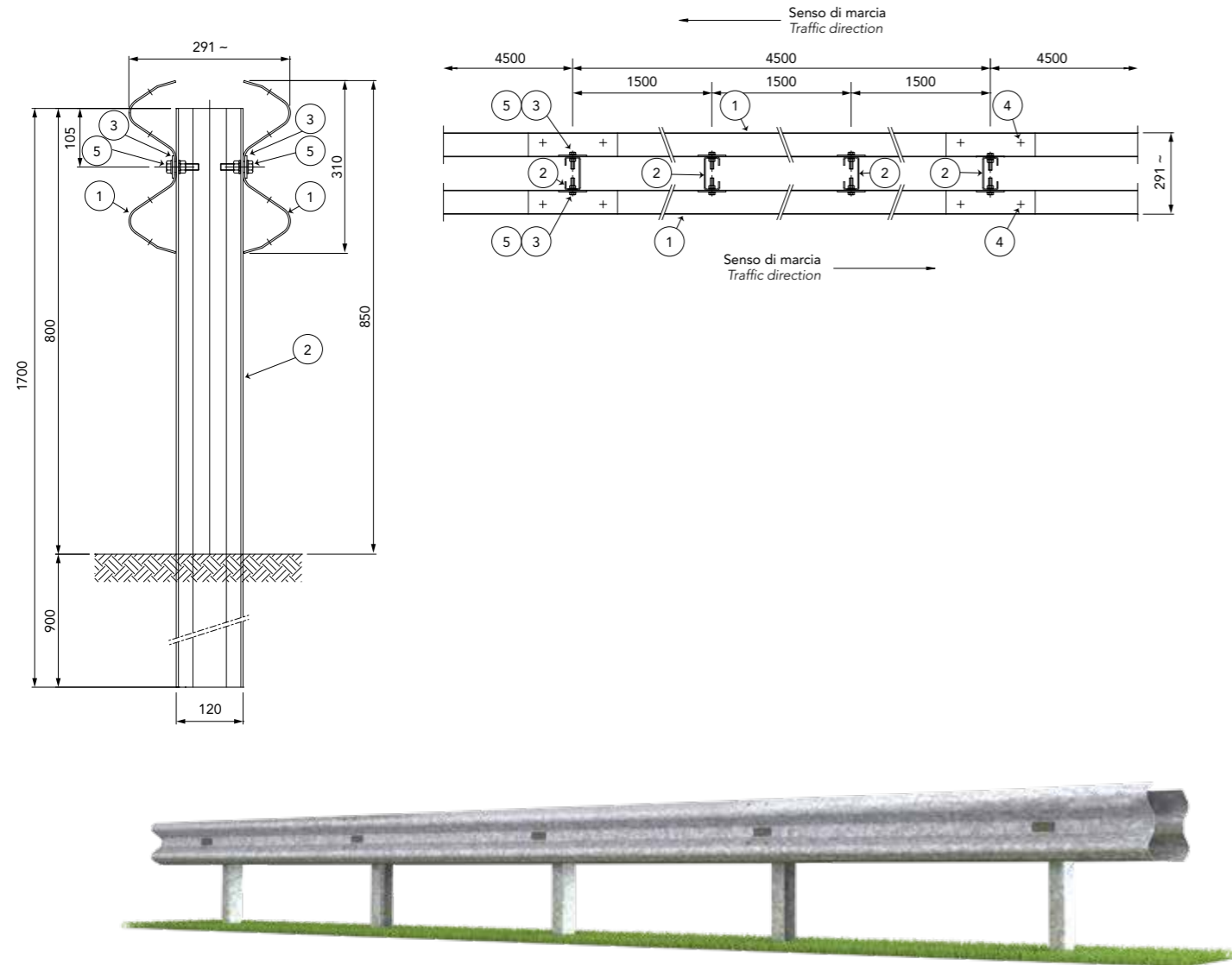
Doppel-Wellen Leitplanke für den Mittelstreifen, Aufhaltestufe H2, Wirkungsbereich W4

Classe H2 Glissière centrale - Glissière 2 ondes simple W4

Clase H2 Paso de mediana - Barrera de doble onda simple W4

# H2-W4

## 2-waves



Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características	
Altezza fuori terra Height above ground level, Höhe über Grundboden, Hauteur hors sol, Altura sobre el suelo	850 mm
Profondità d'infissione Depth of penetration, Rammtiefe, Profondeur de piling du poteau, Longitud hincada	900 mm
Ingombro trasversale Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	291 mm
Interasse pali Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	1500 mm

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	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
PROVA 954	Aisico	TB51	Laterale 20°	90	13000 (bus)	70	-	-	1,2	1,7	1,3=W4
PROVA 960	Aisico	TB11	Laterale 20°	90	900 (car)	100	1,1=B	33	0,3	-	0,6=W1

Componenti Components, Bauteile, Composants, Elementos			
Descrizione - barriera in acciaio zincato Description - galvanized steel barrier			
			Materiale Material
5	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M12x50 mm	Classe 8.8
4		M16x30 mm	Classe 8.8
3	Piastrina copriasola Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 275 JR
2	Palo "C" C-post, C-Steher, Poteau en C, Poste "C"	120x55x30 Th=4 L=1700 mm	S 275 JR
1	Fascia 2 onde 2-waves beam, 2-wellige Leitschiene, Glissière 2 ondes, Banda doble onda	L=4816 (1500x3) Th=2,85 mm	S 355 JR

Componenti Components, Bauteile, Composants, Elementos			
Descrizione - barriera in acciaio corten Description - corten steel barrier			
			Materiale Material
5	Bullone completo + 2 rondelle Bolt with nut and washer + 2 washers, Schraube komplett + 2 scheibe, Boulon complet + rondelle, Tornillo completo con tuerca y arandela + 2 arandelas	M12x50 mm	Tropicaliz.
4	Bullone completo Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x30 mm	Tropicaliz.
3	Piastrina copriasola Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 355 JOWP
2	Palo "C" C-post, C-Steher, Poteau en C, Poste "C"	120x55x30 Th=4 H=1700mm	S 355 JOWP
1	Fascia 2 onde 2-waves beam, 2-wellige Leitschiene, Glissière 2 ondes, Banda doble onda	L=4816 (1500x3) Th=2,85 mm	S 355 JOWP

## CLASSE H2 SPARTITRAFFICO - BARRIERA 3 ONDE W5

Class H2 Double sided - 3-waves guardrail W5

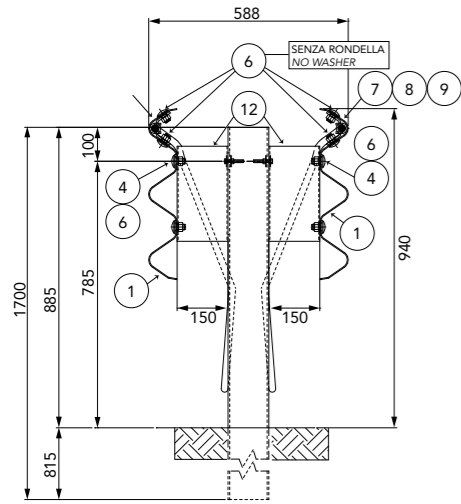
3 Wellen Leitplanke für den Mittelstreifen, Aufhaltestufe H2, Wirkungsbereich W5

Classe H2 Glissière centrale - Glissière 3 ondes simple W5

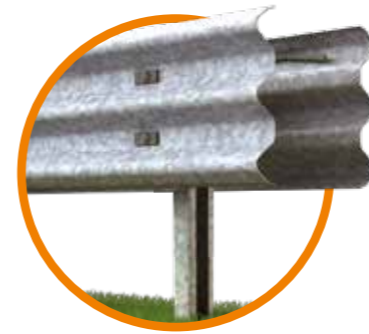
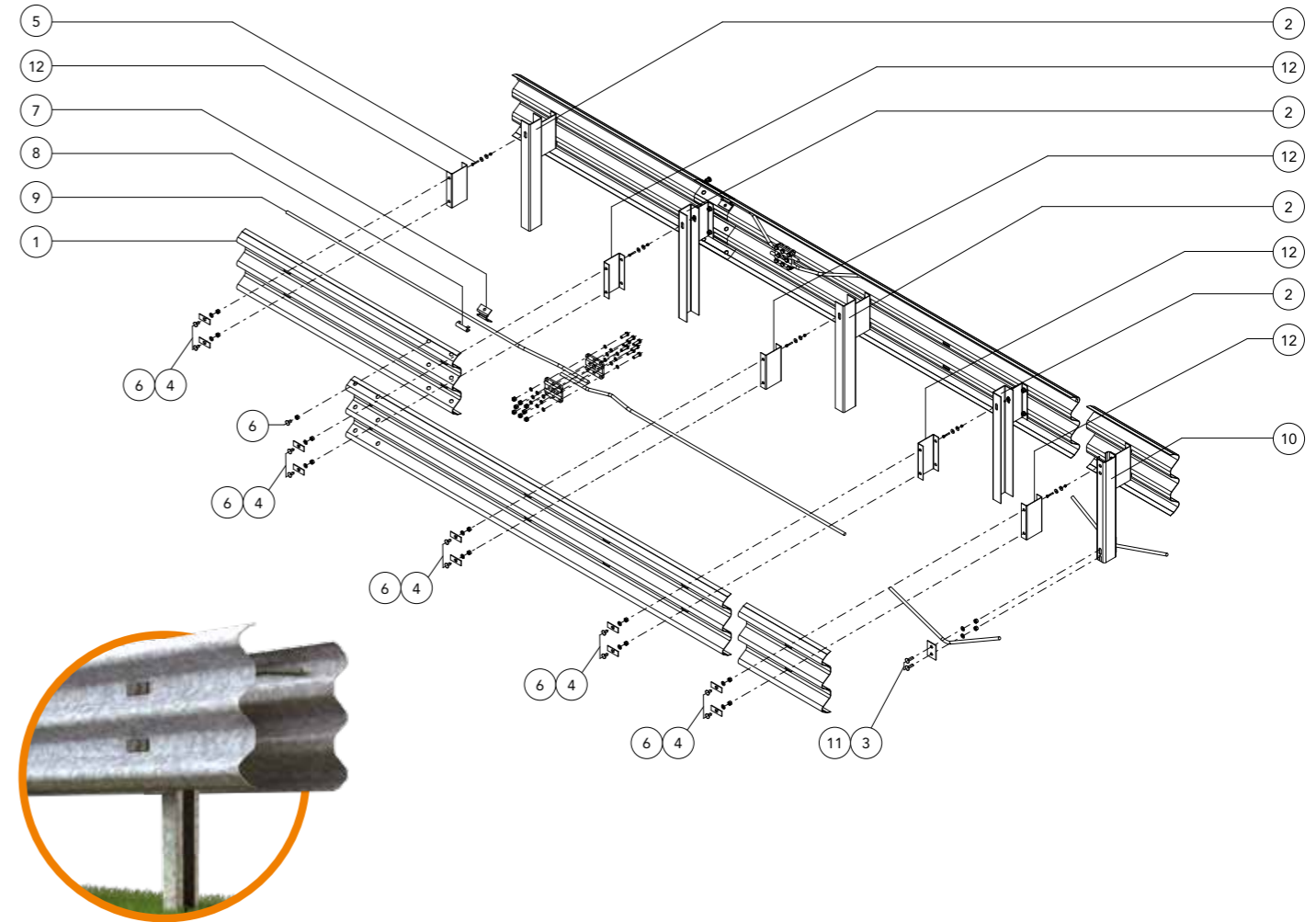
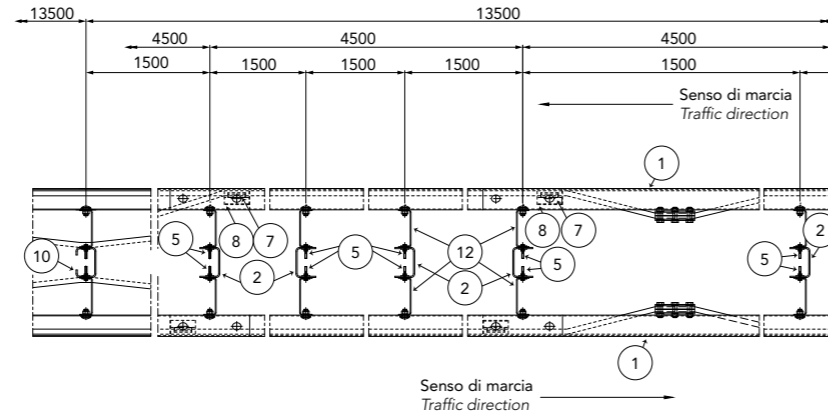
Clase H2 Paso de mediana - Barrera de triple onda simple W5

# H2-W5

## 3-waves



Giunzione per fune ogni 500 m  
Cable connection every 500 m



### Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características

Altezza fuori terra <i>Height above ground level, Höhe über Grundboden, Hauteur hors sol, Altura sobre el suelo</i>	940 mm
Profondità d'infissione <i>Depth of penetration, Rammtiefe, Profondeur de piling du poteau, Longitud hincada</i>	815 mm
Ingombro trasversale <i>Overall width, Gesamtbreite, Grosseur hors tout, Anchura total</i>	588 mm
Interasse pali <i>Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes</i>	1500 mm

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

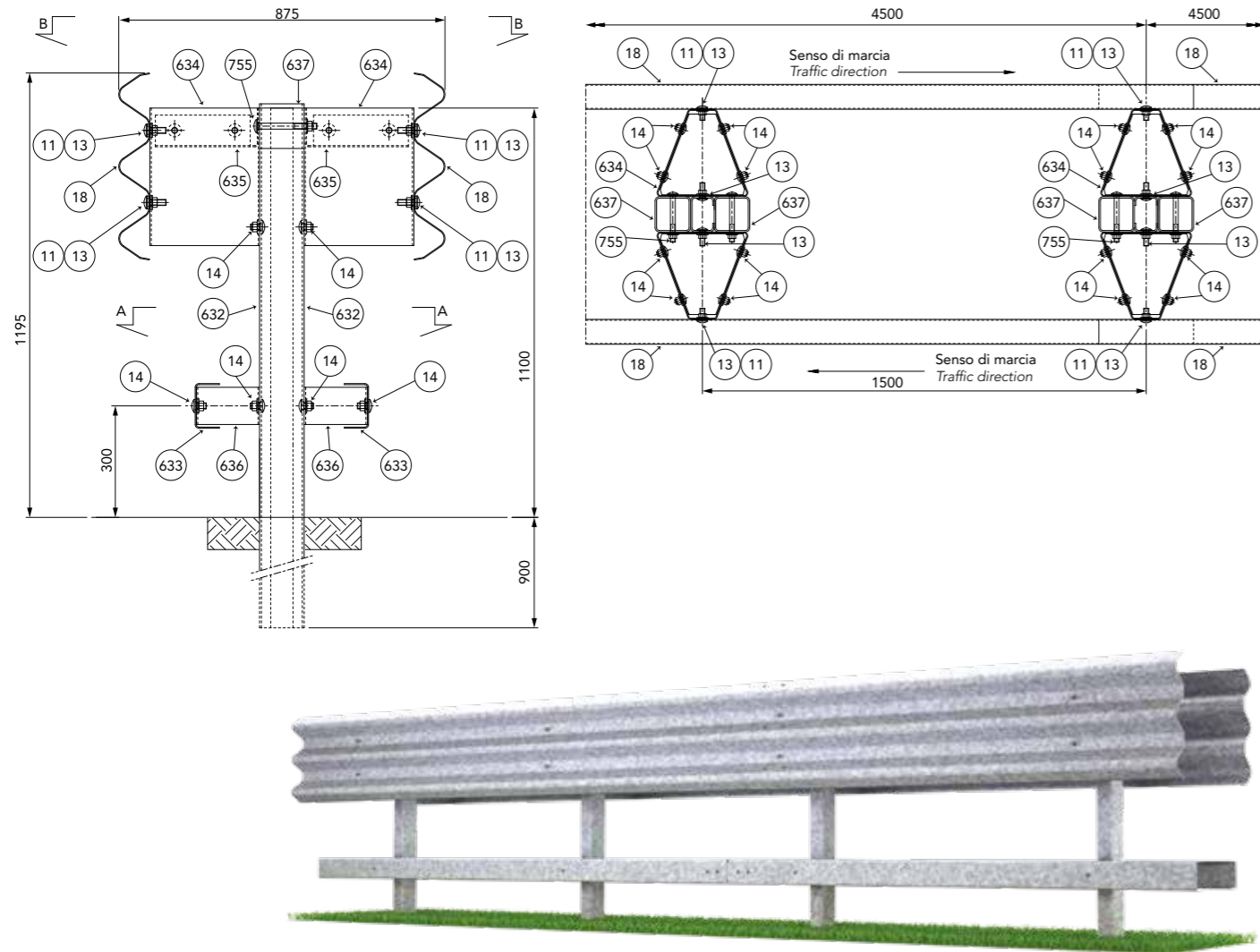
Test n.	Facility	Test	Type	Barrier length m	Mass kg	Speed km/h	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
PROVA 806	Aisico	TB51	Laterale 20°	81	13.000	70	-	-	1,5	1,9	1,7=W5
PROVA 793	Aisico	TB11	Laterale 20°	81	900	100	1=A	31	0,3	-	0,7=W2

### Componenti Components, Bauteile, Composants, Elementos

	Descrizione Description		Materiale Material
12	Distanziatore <i>Spacer, Abstandhalter, Entretoise, Separador</i>	150x50x3 mm	S 235 JR
11	Bullone completo <i>Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela</i>	M16x50 mm	Classe 8.8
10	Palo "C" <i>C-post, C-Steher, Poteau en C, Poste "C"</i>	120x80x30 Th=5 H=2250 mm	S 235 JR
9	Fune in acciaio <i>Steel wire rope, Stahldrahtseil, Câble en acier, Cable de acero</i>	Ø 20 mm	Acc. Zinc.
8	Elemento blocco fune n° 2 <i>Wire rope locking element nr. 2, Seil-Verriegelungselement Nr. 2, Élément de fixation câble n° 2, Elemento de bloqueo cable n° 2</i>		S 275 JR
7	Elemento blocco fune n° 1 <i>Wire rope locking element nr. 1, Seil-Verriegelungselement Nr. 1, Élément de fixation câble n° 1, Elemento de bloqueo cable n° 1</i>		S 275 JR
6	Bullone completo <i>Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela</i>	M16x30 mm	Classe 8.8
5		M8x50 mm	Classe 8.8
4	Piastrina copriasola <i>Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura</i>	100x40x4 mm	S 275 JR
3	Piastrina <i>Plate, Plättchen, Platine, Platina</i>	120x80x5 mm	S 275 JR
2	Palo "U" <i>U-post, U-Steher, Poteau en U, Poste "U"</i>	120x80 Th=5 H=1700 mm	S 235 JR
1	Fascia 3 onde <i>3-waves beam, 3-wellige Leitschiene, Glissière 3 ondes, Banda triple onda</i>	L=4500/2250/1500 Th=2,5 mm	S 235 JR

## CLASSE H3 SPARTITRAFFICO - BARRIERA 3 ONDE W6

Class H3 Double sided - 3-waves guardrail W6  
 3 Wellen Leitplanke für den Mittelstreifen, Aufhaltestufe H3, Wirkungsbereich W6  
 Classe H3 Glissière centrale - Glissière 3 ondes simple W6  
 Clase H3 Paso de mediana - Barrera de triple onda simple W6

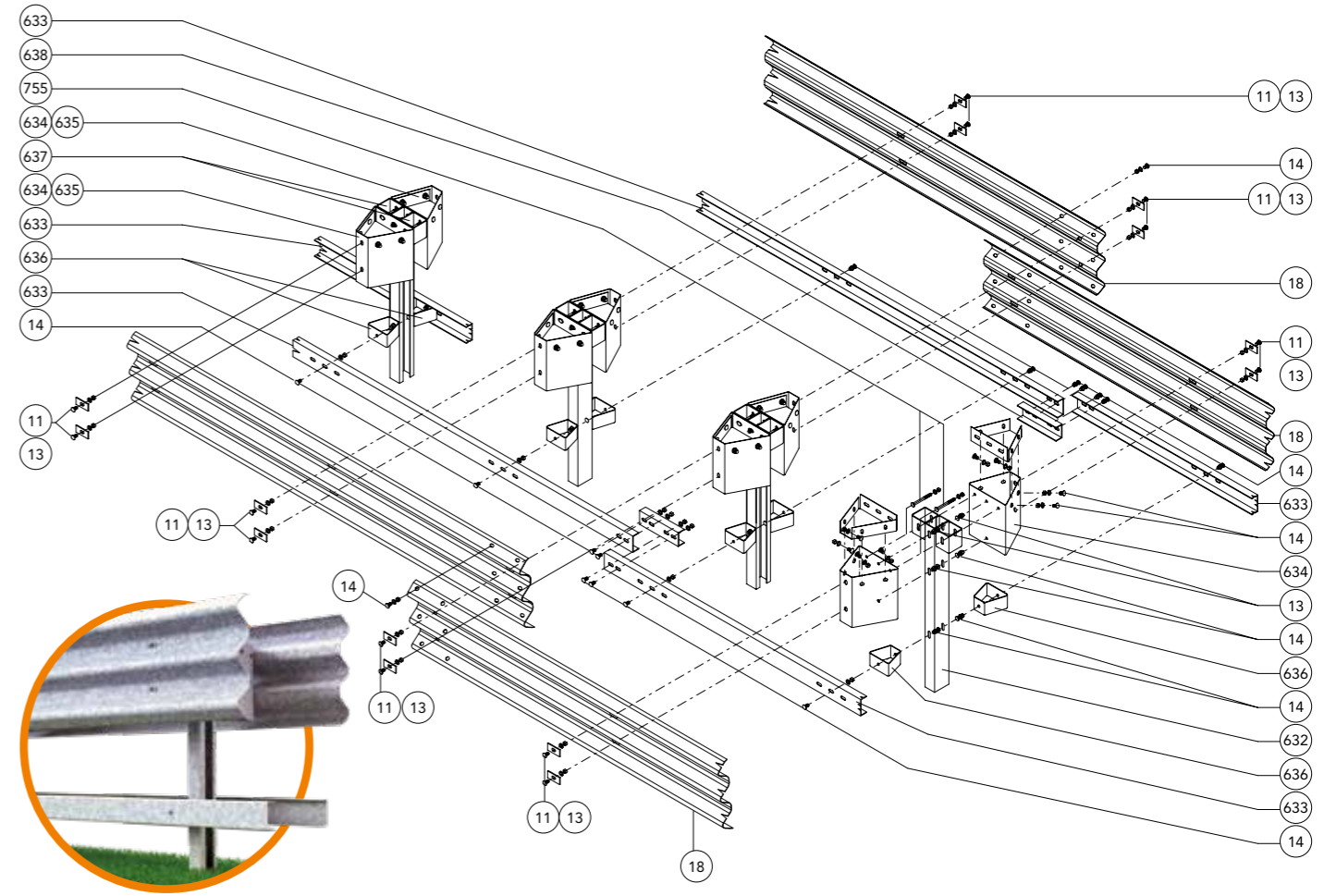


Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características	
Altezza fuori terra Height above ground level, Höhe über Grundboden, Hauteur hors sol, Altura sobre el suelo	1195 ± 50 mm
Profondità d'infissione Depth of penetration, Rammtiefe, Profondeur de piling du poteau, Longitud hincada	900 mm
Ingombro trasversale Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	875 mm
Interasse pali Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	1500 mm

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	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
PROVA 635	Aisico	TB61	Laterale 20°	90	16.000	20	-	-	1,7	2,10	2,1=W6
PROVA 633	Aisico	TB11	Laterale 20°	90	900	100	1=A	29	0,4	-	1,2=W4

# H3-W6

## 3-waves



Componenti Components, Bauteile, Composants, Elementos			
	Descrizione Description		Materiale Material
755	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x160 mm	Classe 8.8
638	<b>Manicotto di giunzione per corrente</b> Coupling box rear reinforcement, Verbindungsmuffe für Längsträger, Jonction poutre, Conector		S 235 JR
637	<b>Tubo quadro antirotazione</b> Anti-rotation square tube, Anti-Rotations-Vierkanrohr, Tube carré antirotation, Tubo cuadrado anti-rotación	120x120 Th=5 H=120 mm	S 235 JR
636	<b>Distanziatore trapezoidale inferiore</b> Trapezoidal lower spacer, Unterer trapezförmiger Abstandhalter, Entretoise trapézoïdale inférieure, Separador trapezoidal inferior		S 275 JR
635	<b>Piastra di chiusura superiore</b> Upper covering plate, Obere Abdeckplatte, Plaque de recouvrement supérieure, Placa de cierre superior		S 235 JR
634	<b>Distanziatore trapezoidale superiore</b> Trapezoidal upper spacer, Oberer trapezförmiger Abstandhalter, Entretoise trapézoïdale supérieure, Separador trapezoidal superior		S 235 JR
633	<b>Corrente "U"</b> U-rear reinforcement, U-Längsträger, Poutre en U, Larguero "U"	120x65 Th=3 L=4490 (1500x3) mm	S 235 JR
632	<b>Palo "C"</b> C-post, C-Steher, Poteau en C, Poste "C"	120x80x30 Th=5 H=2000 mm	S 235 JR
18	<b>Fascia 3 onde</b> 3-waves beam, 3-wellige Leitschiene, Glissière 3 ondes, Banda triple onda	L=4816 (1500x3) Th=3 mm	S 235 JR
14	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x30 mm	Classe 8.8
13		M16x50 mm	Classe 8.8
11	<b>Piastrina copriasola</b> Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 275 JR

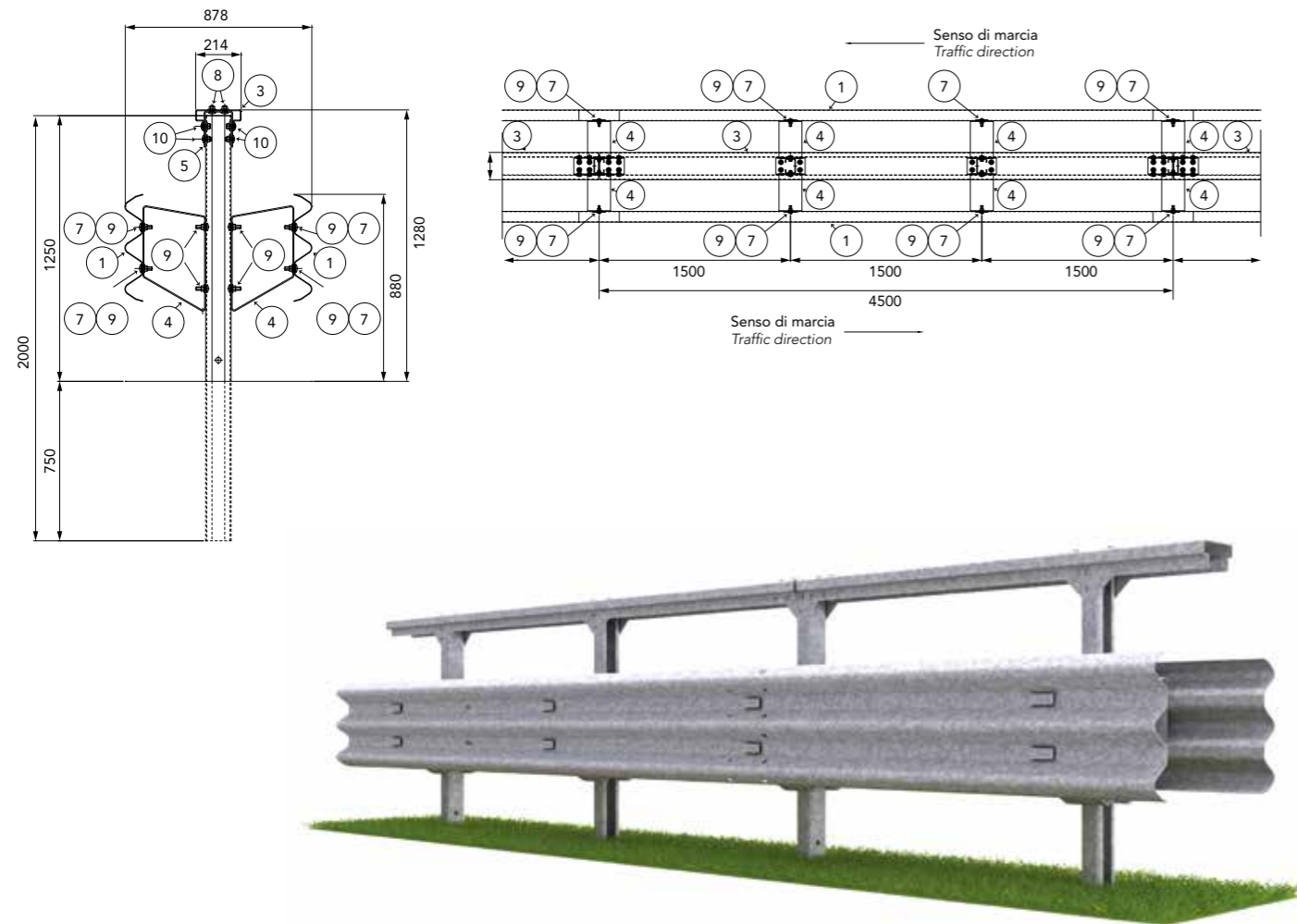
## CLASSE H4 SPARTITRAFFICO - BARRIERA 3 ONDE W5

Class H4 Double sided - 3-waves guardrail W5

3 Wellen Leitplanke für den Mittelstreifen, Aufhaltestufe H4, Wirkungsbereich W5

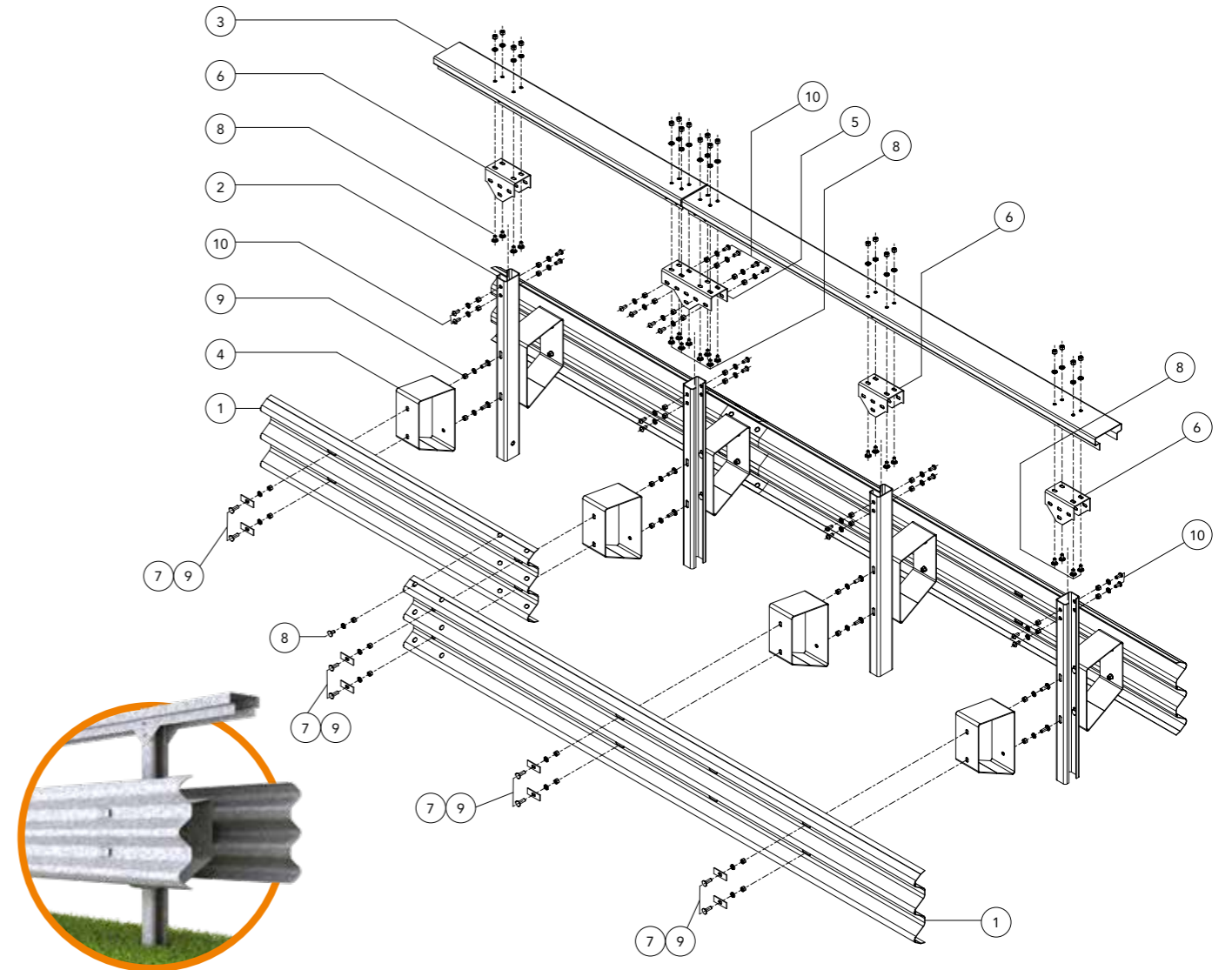
Classe H4 Glissière centrale - Glissière 3 ondes simple W5

Clase H4 Paso de mediana - Barrera de triple onda simple W5



# H4-W5

## 3-waves



Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características	
<b>Altezza fuori terra</b> Height above ground level, Höhe über Grundboden, Hauteur hors sol, Altura sobre el suelo	1280 mm
<b>Profondità d'infissione</b> Depth of penetration, Rammtiefe, Profondeur de piling du poteau, Longitud hincada	750 mm
<b>Ingombro trasversale</b> Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	878 mm
<b>Interasse pali</b> Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	1500 mm

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	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
PROVA 1019_rev.3	Aisico	TB81	Laterale 20°	81	38.000	65	-	-	1,2	1,9	1,6=W5
PROVA 1007_A_rev.1	Aisico	TB11	Laterale 20°	81	900	100	1=A	23	0,3	-	0,6=W1

• Simulazione meccanica computazionale Mechanical computation, Numerische Computersimulation, Simulation numérique mécanique, Calculo de mecanica computacional MC039

Componenti Components, Bauteile, Composants, Elementos			
	Descrizione Description		Materiale Material
10	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x35 mm	Classe 8.8
9		M16x50 mm	Classe 8.8
8		M16x30 mm	Classe 8.8
7	<b>Piastrina copriasola</b> Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 275 JR
6	<b>Collegamento trave intermedio</b> Intermediate beam connection, Verbindung Zwischenträger, Raccord lisse intermédiaire, Unión viga intermedia	L=230 mm	S 355 JR
5	<b>Collegamento trave "U"</b> U-profile for beam connection, U-Profil Für Geländerverbindung, Pièce de raccordement à "U", Perfil de conexión "U"	L=396 mm	S 355 JR
4	<b>Distanziatore romboidale</b> Rhomboidal spacer, Rhomboidisch. Abstandhalter, Entretoise en losange, Separador romboidal	Th=5 mm	S 235 JR
3	<b>Trave superiore</b> Upper T-beam, Geländerträger, Poutre supérieure, Viga superior	L=4490 Sv=450 mm	S 355 JR
2	<b>Palo "C"</b> C-post, C-Steher, Poteau en C, Poste "C"	120x80 Th=5 L=2000 mm	S 235 JR
1	<b>Fascia 3 onde</b> 3-waves beam, 3-wellige Leitschiene, Glissière 3 ondes, Banda triple onda	L=4816 Th=2,5 mm	S 275 JR

## CLASSE H4 SPARTITRAFFICO - BARRIERA 3 ONDE W4 PIASTRATA

Class H4 Double sided - 3-waves guardrail W4 base plated

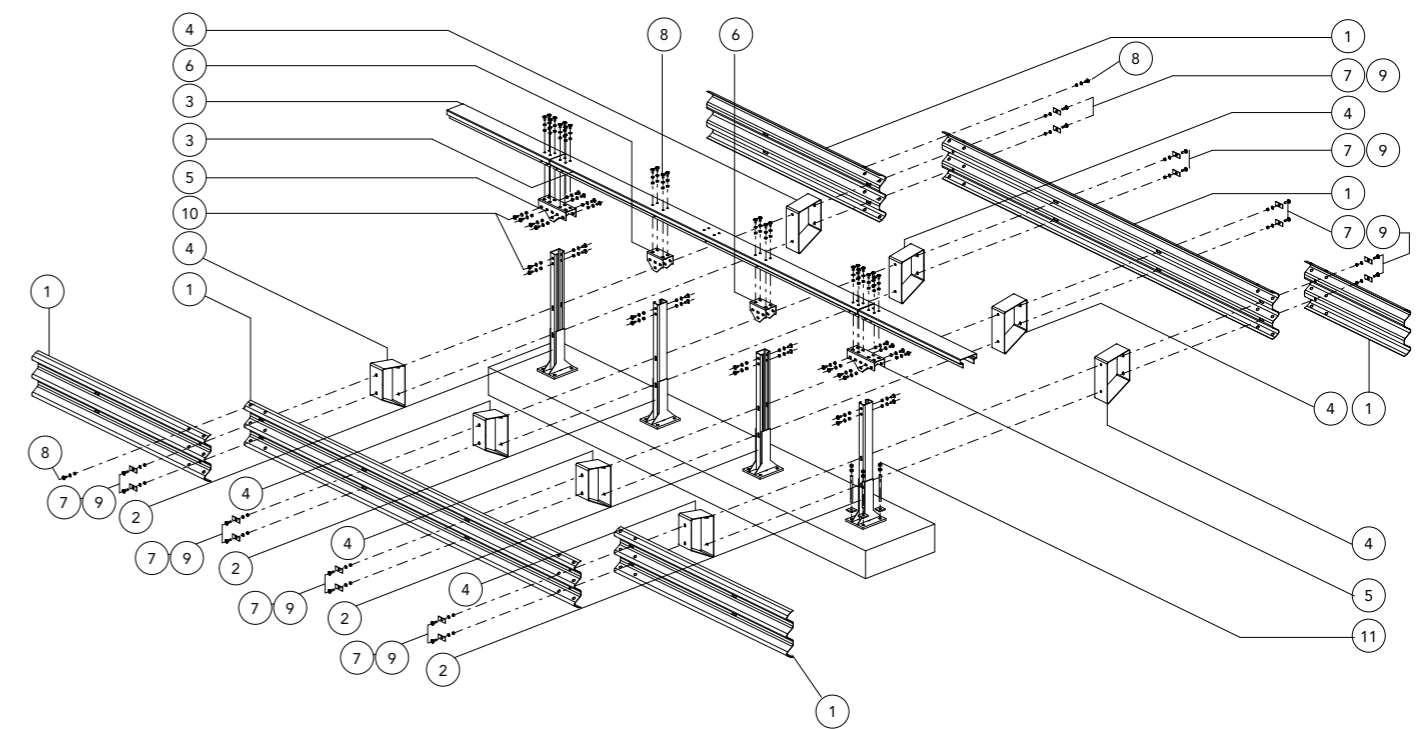
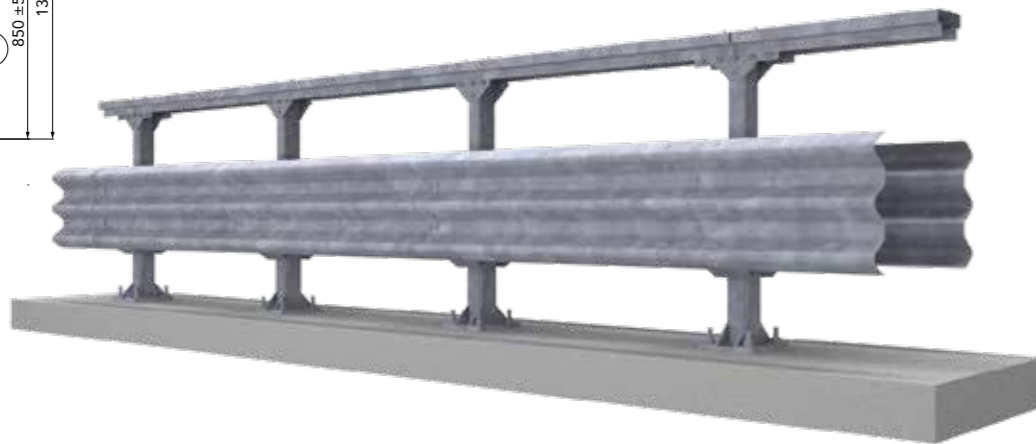
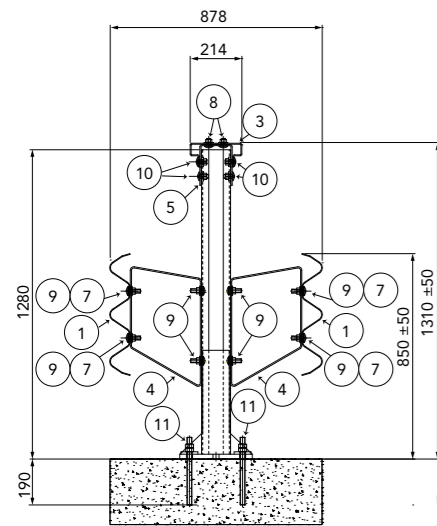
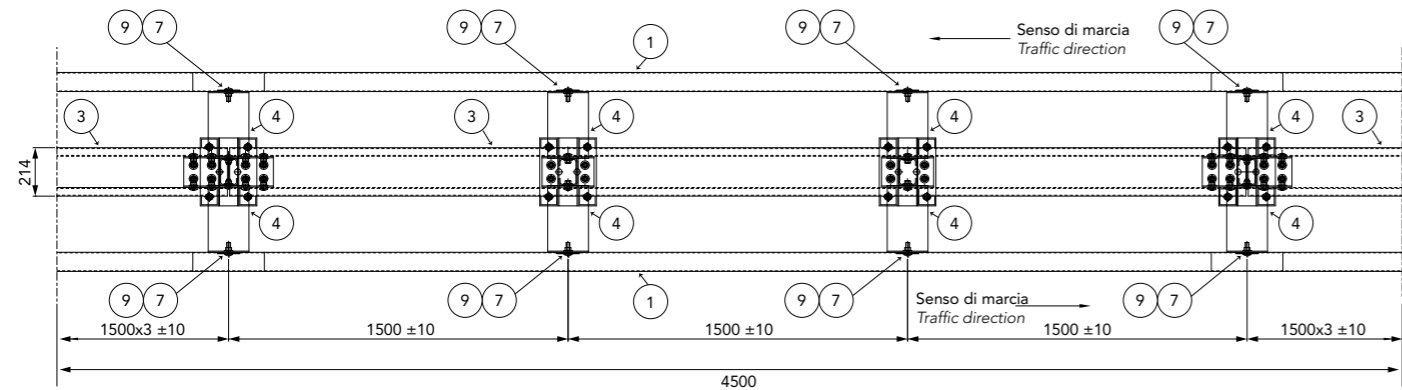
3 Wellen Leitplanke für den Mittelstreifen auf Bauwerk, Aufhaltestufe H4, Wirkungsbereich W4

Classe H4 Glissière centrale - Glissière 3 ondes simple W4 avec poteau avec platine

Clase H4 Paso de mediana - Barrera de triple onda simple W4 con placa

# H4-W4

## 3-waves



### Caratteristiche Characteristics, Eigenschaften, Caractéristiques, Características

<b>Altezza barriera</b> Barrier height, Höhe Leitplanke, Hauteur glissière de sécurité, Altura barrera	1310 mm
<b>Profondità d'infissione tirafondi</b> Depth of anchor bolts penetration, Einschraubtiefe der Verankerungen, Prondeur de vissage des ancrages, Profundidad de anclaje varilla roscada	190 mm
<b>Ingombro trasversale</b> Overall width, Gesamtbreite, Grosseur hors tout, Anchura total	878 mm
<b>Interasse pali</b> Post spacing, Steherabstand, Distance entre poteaux, Distancia entre postes	1500 mm

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

Test n.	Facility	Test	Type	Barrier length MTL	Mass kg	Speed km/h	ASI max 1.4	THIV max 33 km/h	D m	Vi m	W m
PROVA 1197	Aisico	TB81	Laterale 20°	72,00	38.000	65	-	-	0,8	2,1	1,3=W4
PROVA 1145	Aisico	TB11	Laterale 20°	72,00	900	100	1=A	28	0,4	-	0,9=W3

### Componenti Components, Bauteile, Composants, Elementos

	Descrizione Description		Materiale Material
11	<b>Tirafondo</b> Anchor bolt, Verbundklebeankerschraube, Tire-fond, Varilla Roscada	M20x280 mm	Classe 8.8
10		M16x35 mm	Classe 8.8
9	<b>Bullone completo</b> Bolt with nut and washer, Schraube komplett, Boulon complet, Tornillo completo con tuerca y arandela	M16x50 mm	Classe 8.8
8		M16x30 mm	Classe 8.8
7	<b>Piastrina copriasola</b> Slot covering plate, Lochabdeckplatte, Plaque de couverture fente, Placa cubre-ranura	100x40x4 mm	S 275 JR
6	<b>Collegamento trave intermedio</b> Intermediate beam connection, Verbindung Zwischenträger, Raccord lisse intermédiaire, Unión viga intermedia	L=230 mm	S 355 JR
5	<b>Collegamento trave "U"</b> U-profile for beam connection, U-Profil Für Geländerverbindung, Pièce de raccordement à "U", Perfil de conexión "U"	L=396 mm	S 355 JR
4	<b>Distanziatore romboidale</b> Rhomboidal spacer, Rhomboidisch. Abstandhalter, Entretoise en losange, Separador romboidal	Th=5 mm	S 235 JR
3	<b>Trave superiore</b> Upper T-beam, Geländerträger, Poutre supérieure, Viga superior	L=4490 Sv=450 mm	S 355 JR
2	<b>Palo "C"</b> C-post, C-Steher, Poteau en C, Poste "C"	120x80x30 H=1280	S 275 JR
1	<b>Fascia 3 onde</b> 3-waves beam, 3-wellige Leitschiene, Glissière 3 ondes, Banda triple onda	L=4816 Th=2,5 mm	S 275 JR