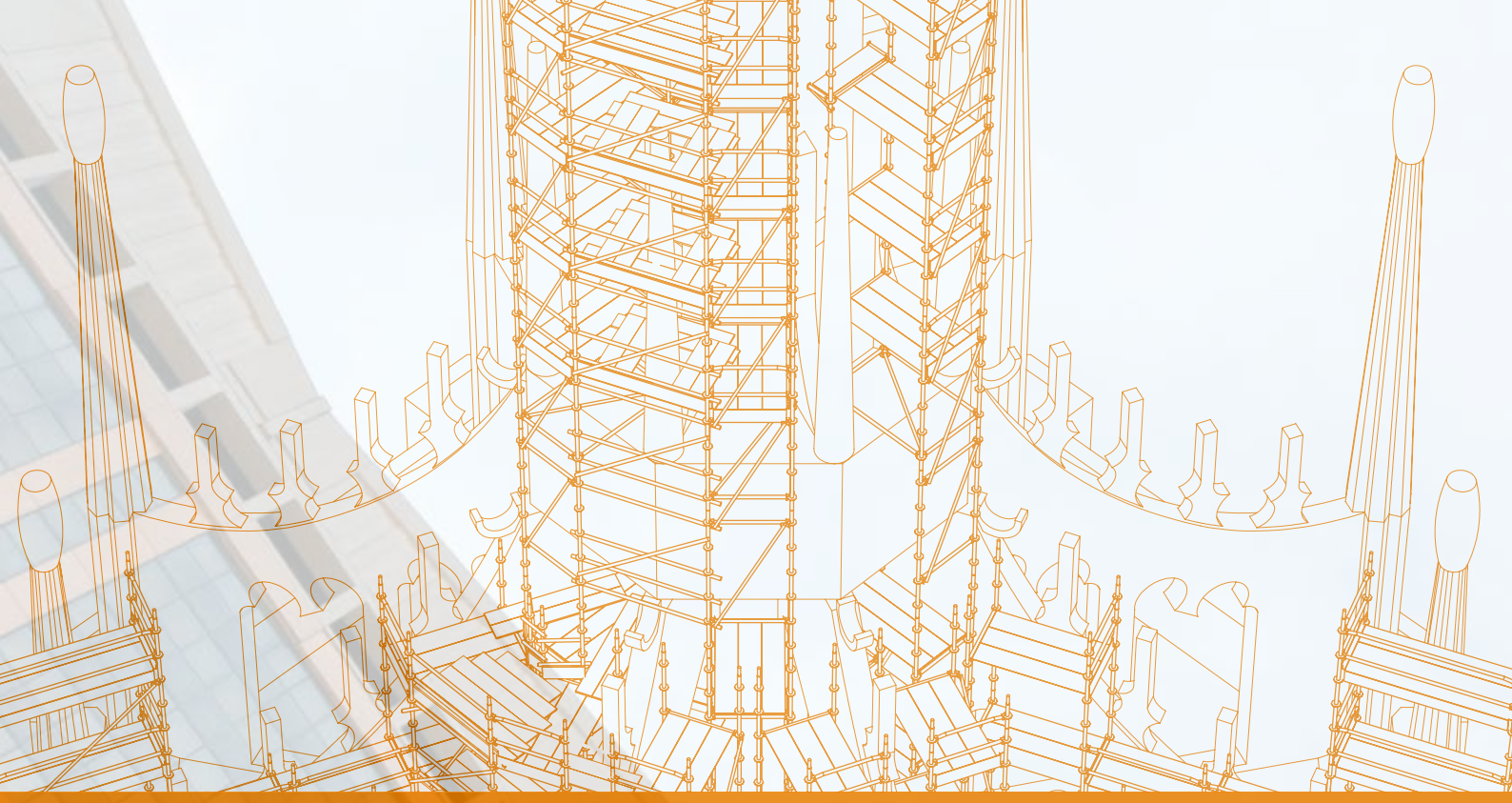


 **MARCEGAGLIA**
BUILDTECH



Multidirectional system SM8



Sistema multipiano SM8

Multidirectional system SM8

Modulgerüst System SM8

Système multidirectionnel SM8

Sistema multidireccional SM8

Sistema con nodo a 8 direzioni per opere provvisorie di geometria complessa

Eight-connections node system for complex-designed provisional structures

System mit Knoten mit acht Richtungen für provisorische Strukturen komplexer Geometrie

Système avec un noeud à 8 directions pour oeuvres provisoires qui nécessitent d'une géométrie compliquée

Sistema con nudo de 8 direcciones para obras provisionales de geometría compleja



Sistema multipiano SM8

Multidirectional system SM8

Modulgerüst System SM8

Système multidirectionnel SM8

Sistema multidireccional SM8

MATERIALE Material - Material Matière - Material	Acciaio S235JR, S355JR e S355MC zincato a caldo	Hot dip galvanized steel S235JR, S355JR and S355MC	Stahl S235JR, S355JR und S355MC feuerverzinkt	Acier S235JR, S355JR et S355MC galvanisé à chaud	Acero S235JR, S355JR y S355MC galvanizado en caliente
PROTEZIONE Protection - Schutz Protection - Protección	Zincatura a caldo: spessore medio minimo garantito di 55 micron	Hot dip galvanizing: guaranteed min. coating thickness 55 micron (mean value)	Feuerverzinkung: garantierte Mindestdurchschnittsstärke von 55 Mikron	Galvanisation à chaud: avec un épaisseur mini garanti du revêtement de 55 microns	Galvanización en caliente: espesor medio mínimo garantizado de 55 micrón
CARATTERISTICHE Characteristics Eigenschaften Caractéristiques Características	<p>Conessioni a cuneo su piatti forati con 8 posizioni e saldati ai montanti con passo di 500 mm</p> <p>Campate da 1,8 - 2,5 e 3,0 m abbinabili per campi misti</p> <p>Autorizzazione per carichi da costruzione pari a 300 daN/m² uniformemente distribuito (cl. IV, EN 12811)</p>	<p>Wedge junctures on 8-sites punched plates welded to standards every 500 mm</p> <p>Combinable to obtain 1.8 - 2.5 and 3.0-m mixed bays</p> <p>Licensed for uniform building loads of 300 daN/m² (cl. IV, EN 12811)</p>	<p>Keilförmige Verbindungen zu gelochten Platten mit 8 Positionen und im Abstand von 500 mm auf die Ständer geschweißt</p> <p>Kombinierbar zum Erhalt von gemischten Feldern von 1,8 - 2,5 und 3,0 m</p> <p>Zugelassen für gleichmäßig verteilte Baulasten von 300 daN/m² (Kl. IV, EN 12811)</p>	<p>Jonctions à coin sur plats perforés 8 positions qui sont soudés aux montants sur une cadence de 500 mm</p> <p>L'assemblage permet de réaliser des sections mélangées entre 1,8 - 2,5 et 3,0 m</p> <p>Autorisé pour des charges au bâtiment de 300 daN/m², également reparti (voir cl. IV EN 12811)</p>	<p>Conexiones de cuña sobre placas perforadas con 8 posiciones y soldadas a los montantes a una distancia constante de 500 mm</p> <p>Combinables para la obtención de campos mixtos de 1,8 - 2,5 y 3,0 m</p> <p>Autorización para cargas de construcción de 300 daN/m² repartidas de manera uniforme (cl. IV, EN 12811)</p>

Norme di produzione

Manufacturing standards - Produktionsnormen - Normes de production - Normas de producción

- Aut. Min. 15/VI/4967/14.03.01.01 del 11/03/2009
- Est. 32/0008858/MA001.A005 del 23/04/2014
- Decreto legislativo 9 Aprile 2008 n. 81
- D.M. 02/09/68

- D.M. 23/03/90 n. 115
- Circolari 44/90 e 156 AA.GG./STC.132 del 24/10/1991
- Disciplinare UNICMI sul marchio SQ

DIMENSIONI <i>Dimensions</i> <i>Abmessungen</i> <i>Dimensions</i> <i>Dimensiones</i>	Profondità: 810 mm e 1140 mm	Width: 810 mm and 1140 mm	Tiefe: 810 mm und 1140 mm	Profondeur: 810 mm et 1140 mm	Profundidad: 810 mm y 1140 mm
	Campata: 1800 mm, 2500 mm e 3000 mm	Span: 1800 mm, 2500 mm and 3000 mm	Spannweite: 1800 mm, 2500 mm e 3000 mm	Travée: 1800 mm, 2500 mm et 3000 mm	Tramo: 1800 mm, 2500 mm y 3000 mm
	Modulo: 2000 mm per ponteggi standard per applicazioni speciali altezza variabile con passo di 500 mm	Module: 2000 mm for standard scaffolding adjustable height, 500-mm pitch, for special applications	Modul: 2000 mm für Standardgerüste für spezielle Anwendungen in der Höhe variabel mit Abstand von 500 mm	Module: 2000 mm pour échafaudages standard En cas d'emploi spéciaux l'hauteur est variable, cadence 500 mm	Módulo: 2000 mm para las andamiajes estándar para empleos especiales: altura variable con distancia constante de 500 mm
	Tubi dei montanti e traversi: Ø 48,3 mm spessore 3,2 mm	Upright and ledger tubing: Ø 48.3 mm 3.2 mm thickness	Rohre der Ständer und Querträger: Ø 48,3 mm Wandstärke 3,2 mm	Tubes des montants et des lisses: Ø 48,3 mm épaisseur 3,2 mm	Tubos de los montantes y largueros: Ø 48,3 mm espesor 3,2 mm
	Tubi dei parapetti: Ø 48,3 mm spessore 3,2 mm	Guard rails tubing: Ø 48.3 mm 3.2 mm thickness	Rohre der Geländer: Ø 48,3 mm Wandstärke 3,2 mm	Tubes des garde-corps: Ø 48,3 mm épaisseur 3,2 mm	Tubos de los parapetos: Ø 48,3 mm espesor 3,2 mm
	Tubi delle diagonali: Ø 40/48 mm spessore 2,0/3,2 mm	Diagonal braces tubing: Ø 40/48 mm 2.0/3.2 mm thickness	Rohre der Diagonalen: Ø 40/48 mm Wandstärke 2,0/3,2 mm	Tubes diagonaux: Ø 40/48 mm épaisseur 2,0 mm/3,2 mm	Tubos de los diagonales: Ø 40/48 mm espesor 2,0/3,2 mm
APPLICAZIONI <i>Applications</i> <i>Anwendungen</i> <i>Emploi</i> <i>Aplicaciones</i>	Ponteggi da costruzione e manutenzione	<i>Construction and maintenance scaffoldings</i>	Bau- und Wartungsgerüste	Echafaudages pour bâtiment et manu-tention	Andamiajes de construcción y mantenimiento
	Opere di puntellazione e sostegno getto	<i>Shoring structures and casting supports</i>	Werke zur Abstützung und Stützstrukturen zum Betonieren	Travaux d'étayage et de support de la coulée de béton	Obras de apuntalamiento y apoyo colada
	Scale da cantiere	<i>Yard ladders</i>	Treppen für Baustellen	Escaliers chantier	Escaleres para lugar de obra
	Strutture di servizio e pubblicitarie	<i>Service and promotional structures</i>	Arbeitsstrukturen und Strukturen für Werbezwecke	Structures de service et publicitaires	Estructuras de servicio y propaganda
	Tribune	<i>Grandstand</i>	Tribünen	Tribunes	Tribunas
	Palchi	<i>Stages</i>	Bühnen	Estrades	Palcos
	Torri portafaro	<i>Light housing tower</i>	Leuchttträger	Tours porte-feu	Torres portafaro
NOTE <i>Remarks</i> <i>Anmerkung</i> <i>Remarque</i> <i>Nota</i>	Le tribune SM8, le torri portafaro SM8 e il palco SM8 sono descritti nel catalogo Sport e Spettacolo	See catalogue Sport and Entertainment for SM8 grandstands, light housing masts and stages	Die Tribünen, die Leuchttträger und die Bühne SM8 befinden sich in dem Katalog Sport- und Veranstaltungsanlagen	Vous pouvez trouver les tribunes SM8, les tours porte-feu SM8 et les estrades SM8 dans le catalogue Sport et Spectacle	Las tribunas SM8, las torres portafaro SM8 y el palco SM8 se encuentran en el catálogo Deporte y Espectáculo

Sistema multipiano SM8 - Componenti

Multidirectional system SM8 - Components

Modulgerüst System SM8 - Bauteile

Système multidirectionnel SM8 - Composants

Sistema multidireccional SM8 - Elementos

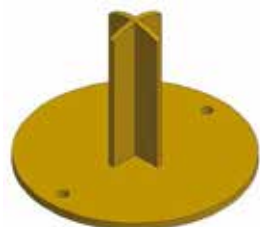
Basetta semplice

Base plate

Einfache Fußplatte

Socle fixe

Bases simple



mm	material	cod	daN
48	TR	3030100006	0,92

Basetta regolabile

Adjustable base jack

Verstellbare Fußplatte

Verins de pied réglable

Base regulable



mm	material	cod	daN
330	ZE	3040501062	2,42
405	ZE	-	-
1000	ZE	-	-

Elemento di partenza

Initial component

Anfangselement

Élément de départ

Elemento de inicio



mm	material	cod	daN
-	ZC	3150100171	2,38

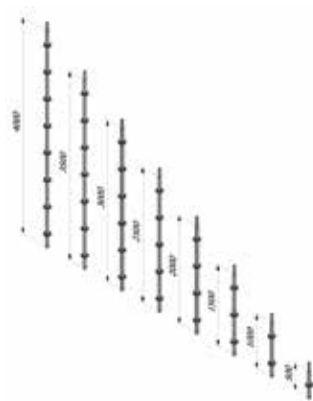
Montante con spinotto

Upright with pin

Pfeiler mit Bolzen

Montant avec cheville

Montante con perno



mm	material	cod	daN
500	ZC	3150100161	2,83
1000	ZC	3150100151	5,17
1500	ZC	3150100141	7,52
2000	ZC	3150100131	9,86
2500	ZC	3150100121	12,20
3000	ZC	3150100111	14,54
4000	ZC	3150100101	18,40

Spina

Spigot pin

Stecker

Goupille

Pasador



mm	material	cod	daN
10	TR	3040701006	0,12

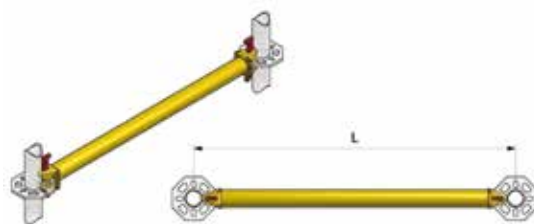
Corrente

Ledger

Querbalken

Lisse

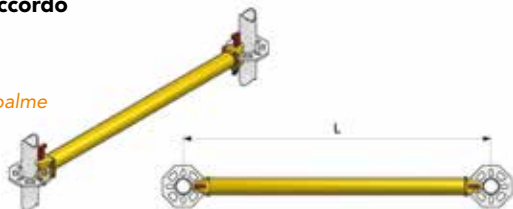
Larguero



mm	material	cod	daN
424	ZC	3150200211	2,15
480	ZC	3150300371	2,34
810	ZC	3150700291	3,60
900	ZC	3150300241	3,94
1140	ZC	3150300201	4,80
1800	ZC	3150200251	7,35
2500	ZC	3150200271	10,00
3000	ZC	3150200541	11,88

Corrente di raccordo

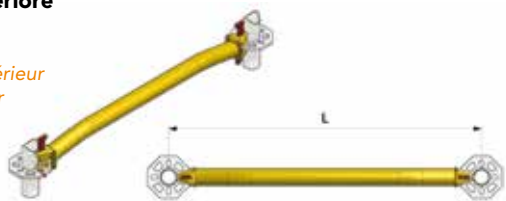
Coupling ledger
Anschlussbalken
Lisse de raccord
Larguero de empalme



mm	material	cod	daN
500*	ZC	3150200601	2,43
660*	ZC	3150200551	3,02
700*	ZC	3150200581	3,18
1200*	ZC	3150200591	5,07
1360*	ZC	3150200561	5,65
1860*	ZC	3150200571	7,56

Parapetto superiore

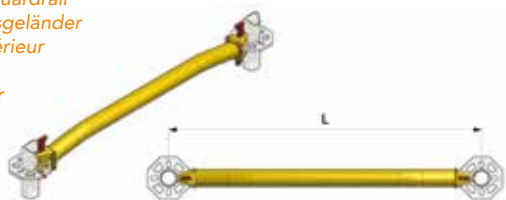
Upper guardrail
Oberes Geländer
Garde-corps supérieur
Parapeto superior



mm	material	cod	daN
424	ZC	3150200221	2,16
660	ZC	3150200621	3,03
810	ZC	3150200511	3,60
1140	ZC	3150200241	4,86
1360	ZC	3150200631	5,68
1800	ZC	3150200261	7,36
2500	ZC	3150200281	10,00
3000	ZC	3150200611	11,89

Parapetto superiore di raccordo

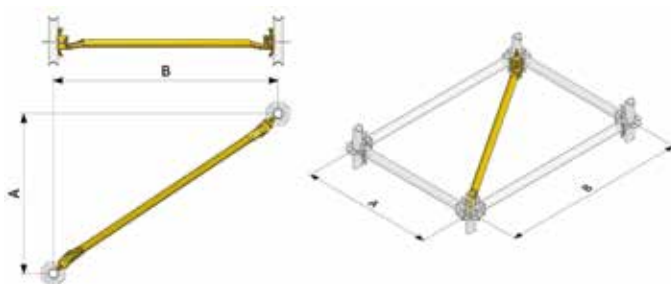
Upper coupling guardrail
Oberes Anschlussgeländer
Garde-corps supérieur de raccord
Parapeto superior redondeado



mm	material	cod	daN
1200*	ZC	3150200661	5,08
1360*	ZC	3150200631	5,68
1860*	ZC	3150200641	7,57

Diagonale in pianta

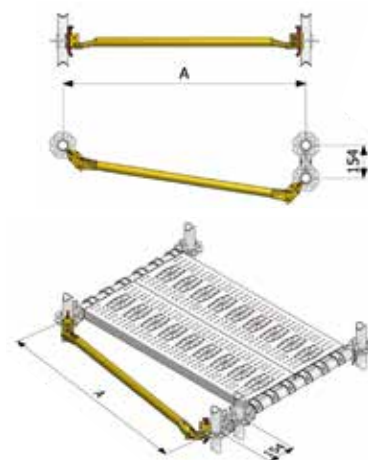
Horizontal diagonal brace
Horizontal-Diagonale
Diagonale en plan
Diagonal en planta



mm	material	cod	daN
810x810	ZC	3150400181	3,38
810x1140	ZC	3150400191	3,99
810x1800	ZC	3150400201	5,15
810x2500	ZC	3150400211	6,45
810x3000	ZC	3150400261	12,80
1140x1140	ZC	3150400131	4,40
1140x1800	ZC	3150400061	5,42
1140x2500	ZC	3150400051	6,68
1140x3000	ZC	3150400221	13,00
1800x1800	ZC	3150400111	6,26
2500x1800	ZC	3150400121	7,32
2500x2500	ZC	3150400101	8,21
3000x1800	ZC	3150400231	14,17
3000x2500	ZC	3150400241	15,68
3000x3000	ZC	3150400251	16,77

Diagonale in pianta per raddoppio montante

Horizontal diagonal brace for upright doubling
Horizontal-Diagonale für Pfostenverdopplung
Diagonale en plan pour doublage montant
Diagonal en planta para redoblado montante



mm	material	cod	daN
154x1800	ZC	3150400071	4,83
154x2500	ZC	3150400081	6,17

Diagonale in vista

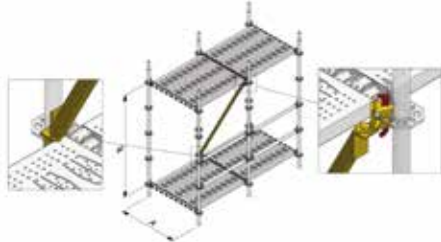
Vertical diagonal brace
Vertikal-Diagonale
Diagonale de façade
Diagonal a vista



mm	material	cod	daN
1800x1000	ZC	3150500211	5,66
2000x810	ZC	3150500141	6,06
2000x1140	ZC	3150500131	6,28
2000x1360	ZC	3150500171	6,48
2000x1800	ZC	3150500121	6,96
2000x2500	ZC	3150500111	7,82
2000x3000	ZC	3150500151	14,82
2250x1500	ZC	3150500221	6,96

Diagonale in sezione

Transversal-diagonal
Quer-Diagonale
Diagonale transversale
Diagonal transversal



mm	material	cod	daN
810	ZC	3150500191	8,47
1140	ZC	3150500201	8,92

Telaio parapetto di sicurezza monta/smonta in alluminio

Aluminium temporary guardrail frame
Geländer aus Aluminium
Garde-corps de sécurité en aluminium non-permanent
Marco de seguridad en aluminium



mm	material	cod	daN
810	AL	3150201049	7,95
1140	AL	3150201009	8,58
1800	AL	3150201019	10,70
2500	AL	3150201029	13,08
3000	AL	3150201039	14,54

Tavola da ponte in acciaio con botola

Steel plank with trapdoor
Gerüstbohle aus Stahl mit Durchstieg
Planche en acier à trappe
Plataforma de andamio de acero con trampilla



mm	material	cod	daN
1800x660x60	ZZ	3150200191	35,04
2500x660x60	ZZ	3150200201	45,38

Tavola da ponte in alluminio e multistrato con botola ad apertura frontale e scala incorporata

Aluminium-plywood plank with frontal opening trapdoor and ladder
Gerüstbohle aus Aluminium und Mehrschichtholz, Durchstieg mit Frontöffnung und eingebauter Treppe
Planche en aluminium et multicouches avec trappe à ouverture frontale et escalier incorporé
Plataforma de andamio de aluminio y contrachapado con trampilla de apertura frontal y escalera incorporada



mm	material	cod	daN
2500x660	AL	3070101129	32,38
3000x660	AL	3070101069	38,06

Tavola da ponte in alluminio e multistrato con botola ad apertura frontale

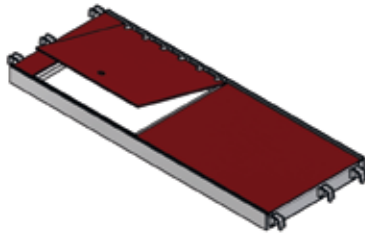
Aluminium-plywood plank with frontal opening trapdoor
Gerüstbohle aus Aluminium und Mehrschichtholz, Durchstieg mit Frontöffnung
Planche en aluminium et multicouches avec trappe à ouverture frontale
Plataforma de andamio de aluminio y contrachapado con trampilla de apertura frontal



mm	material	cod	daN
1800x660	AL	3070101149	20,63
2500x660	AL	3070101139	26,35
3000x660	AL	3070101079	32,03

Tavola da ponte in alluminio e multistrato con botola ad apertura laterale

Aluminium-plywood plank with side opening trapdoor
Gerüstbohle aus Aluminium und Mehrschichtholz, Durchstieg mit Seitenöffnung
Planche en aluminium et multicouches avec trappe à ouverture latérale
Plataforma de andamio de aluminio y contrachapado con trampilla de apertura lateral



mm	material	cod	daN
1800x660	AL	-	-
2500x660	AL	-	-
3000x660	AL	-	-

Tavola da ponte EU in acciaio (con ganci saldati)

EU scaffold steel plank (with welded hooks)
Gerüstbohle EU aus Stahl (mit angeschweißten Haken)
Planche EU en acier (à crochés soudés)
Plataforma de andamio EU de acero (con ganchos soldados)



mm	material	cod	daN
1140x330x50	ZZ	3150200291	8,93
1800x330x50	ZZ	3070100701	12,80
2500x330x50	ZZ	3070100501	17,12

Tavola da ponte Securdeck in acciaio

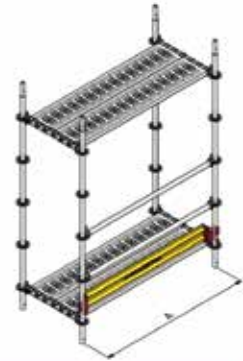
Securdeck scaffold steel plank
Gerüstbohle securdeck aus Stahl
Planche Securdeck en acier
Plataforma de andamio Securdeck de acero



mm	material	cod	daN
1140x330x50	ZZ		7,43
1800x330x50	ZZ	3070102041	10,80
2500x330x50	ZZ	3070102051	14,38
3000x330x75	ZZ	3070102071	19,90

Tavola fermapiede

Toeboard
Fußbrett
Plinthe
Rodapié



mm	material	cod	daN
424	ZC	3150100901	2,68
480	ZC	3150100011	2,80
810	ZC	3150100151	4,66
1140	ZC	3150100961	5,21
1800	ZC	3070200301	6,70
2500	ZC	3070200311	8,20
3000	ZC	3070200321	9,48

Tavola fermapiEDE di raccordo

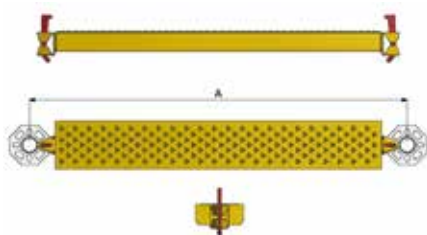
Coupling toeboard
Anschluss-Fußbrett
Plinthe de raccordo
Rodapié de empalme



mm	material	cod	daN
660	ZC	3150200691	4,33
1360	ZC	3150200701	5,87

Compenso per impalcato metallico con clampa

Metal decking filler with clamp
Füllelement für Metallgerüst mit Klemme
Compensation pour plancher métallique avec bride
Compensación para andamio metálico con mordaza



mm	material	cod	daN
660*	ZC	-	-
810*	ZC	3150200501	5,09
1140*	ZC	3150200321	6,85
1360*	ZC	-	-
1800*	ZC	3150200301	10,36
2500*	ZC	3150200311	14,10
3000*	ZC	3150200761	16,77

Scala per tavole metalliche

Ladder
Leiter für Metallbohlen
Échelle pour planches métalliques
Escalera para plataformas metálicas



mm	material	cod	daN
-	ZC	3070300131	7,35

Corrimano per scala

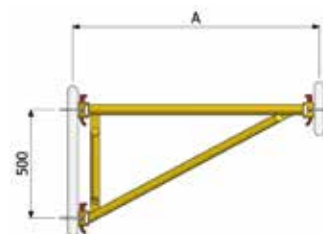
Ladder handrail
Trepphandlauf
Main courante pour escalier
Barandilla para escalera



mm	material	cod	daN
-	ZC	3070300141	2,78

Mensola

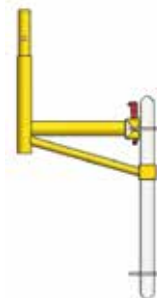
Bracket
Konsole
Console
Ménsula



mm	material	cod	daN
810	ZC	3150700281	6,58
1140	ZC	3150700261	7,68

Mensola di testata per tavola da 330 mm

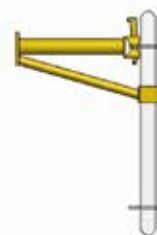
Side bracket for 330 mm plank
Kopfkonsole für 330 mm-Bohle
Console de tête pour planche de 330 mm
Ménsula de cabeza para tabla de 330 mm



mm	material	cod	daN
424	ZC	3150700141	4,73

Mensola intermedia

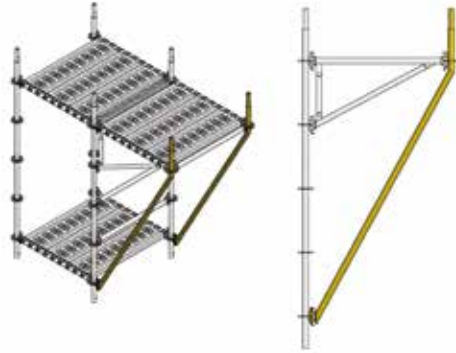
Intermediate bracket
Mittelkonsole
Console intermédiaire
Ménsula intermedia



mm	material	cod	daN
330	ZC	3150700931	2,95

Puntone per mensola

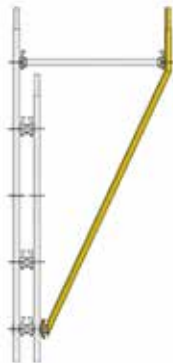
Bracket strut
Stütze Konsole
Arbalétrier renfort
de console
Puntal para ménsula



mm	material	cod	daN
810	ZC	3150700301	8,51
1140	ZC	3150700071	9,07

Puntone per partenze rastremate

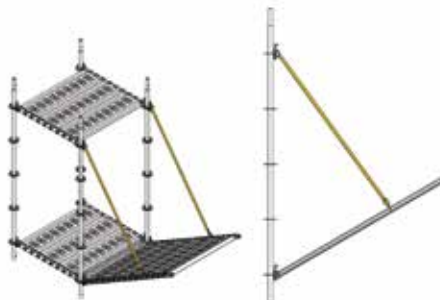
Strut for tapered end
Stütze für sich verjüngende Bauteile
Arbalétrier renfort de console pour départ fuselé
Puntal para inicios biselados



mm	material	cod	daN
810x154	ZC	3150700031	10,52
810x480	ZC	3150700041	10,25
1140x154	ZC	3150700231	9,28
1140x424	ZC	3150700241	9,00
1140x480	ZC	3150700911	8,76

Parasassi

Street protection fan
Steinschutz
Pare-pierres
Protección piedras



mm	material	cod	daN
-	ZC	3150700051	9,24

Terminale superiore

Top end
Oberes Endstück
Terminal supérieur
Montante superior



mm	material	cod	daN
-	ZC	3150700211	1,49

Stocco di ancoraggio (tipo A)

Anchorage (A type)
Verankerungsstock (Typ A)
Quenouille d'ancrage (type A)
Estoque de anclaje (tipo A)



mm	material	cod	daN
840	ZC	3150700161	3,73

Stocco di ancoraggio (tipo B)

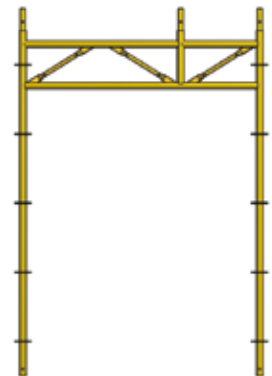
Anchorage (B type)
Verankerungsstock (Typ B)
Quenouille d'ancrage (type B)
Estoque de anclaje (tipo B)



mm	material	cod	daN
1190	ZC	3150700171	4,89

Telaio passo pedonale

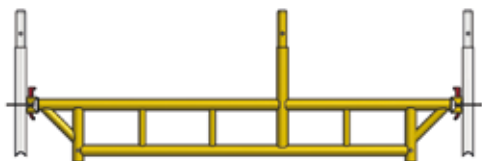
Walkthrough passage
Rahmen für Fußüberweg
Cadre passage piéton
Marco paso peatonal



mm	material	cod	daN
1710	ZC	3150800151	42,58

Travetta per telaio pedonale

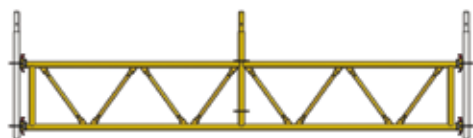
Walkthrough passage
Rahmen für Fußüberweg
Cadre passage piéton
Marco paso peatonal



mm	material	cod	daN
1950	ZC	3150800261	19,2

Trave per varchi

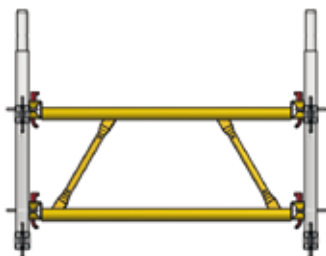
Bridging ledger
Brückenträger
Poutre de franchissement
Viga para pasos



mm	material	cod	daN
3600x500	ZC	3150800221	40,13
5000x500	ZC	3150800201	52,96
3600x600	ZC	3150800231	45,41
5000x600	ZC	3150800241	58,48
6000x600	ZC	3150800271	67,30

Collegamento per trave carraia

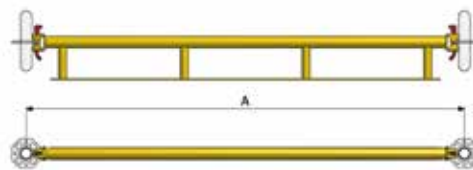
Bridging ledger junction
Verbindung für Brückenträger
Connexion pour poutre rail de glissière
Unión para barrera



mm	material	cod	daN
810	ZC	3150800131	8,21
1140	ZC	3150800211	11,387

Travetta ribassata

Lowered beam
Flachträger
Poutre surbaissée
Vigueta rebajada



mm	material	cod	daN
1800	ZC	3150300301	13,27
2500	ZC	3150300401	17,46
3000	ZC	3150300501	21,28

Travetta rinforzata

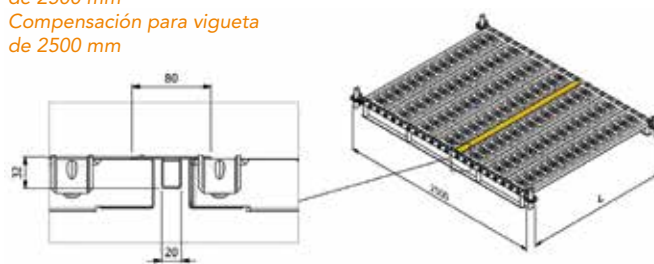
Reinforced beam
Verstärkter Träger
Poutre renforcée
Vigueta reforzada



mm	material	cod	daN
1800	ZC	3150300601	11,97
2500	ZC	3150300701	15,48

Compenso per travetta da 2500 mm

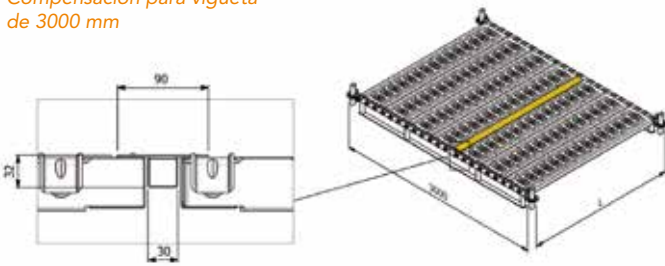
Filler for 2500-mm beam
Füllelement für Latte 2500 mm
Compensation pour poutrelle de 2500 mm
Compensación para vigueta de 2500 mm



mm	material	cod	daN
1800	ZC	3150200361	4,29
2500	ZC	3150200331	6,03

Compenso per travetta da 3000 mm

Filler for 3000-mm beam
 Füllelement für Latte 3000 mm
 Compensation pour poutrelle de 3000 mm
 Compensación para vigueta de 3000 mm



mm	material	cod	daN
1800	ZC	3150200841	5,01
2500	ZC	3150200851	7,04

Tappo di chiusura

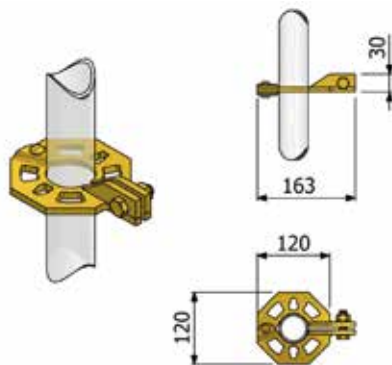
Deck plug
 Abschlussdeckel
 Bouchon de fermeture
 Tapón de cierre



mm	material	cod	daN
-	ZC	3150700221	2,12

Nodo ottagonale sciolto

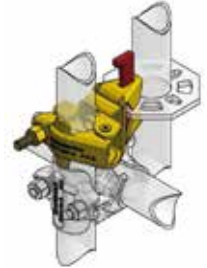
Eight-connections node
 Achteckiger gelöster Knoten
 Nœud orthogonal libre
 Nudo octagonal suelto



mm	material	cod	daN
-	ZC	3150700201	1,12

Morsetto con mezzo giunto girevole

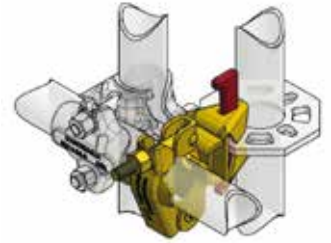
Clamp with rotating half coupler
 Klemme mit halber Drehkupplung
 Étau avec demi collier pivotant
 Mordaza con media junta móvil



mm	material	cod	daN
-	ZC	3150700331	1,60

Morsetto SM8 con giunto per tubo in orizzontale

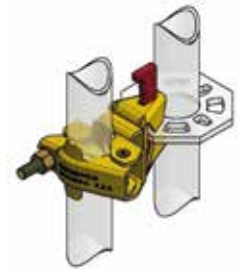
Clamp with perpendicular, flat-welded half coupler
 Klemme mit halber rechtwinkliger, horizontal geschweißter Kupplung
 Étau avec demi collier orthogonal soudé
 Mordaza con media junta perpendicular, soldada en horizontal



mm	material	cod	daN
-	ZC	3150700321	1,52

Morsetto SM8 con giunto per tubo in verticale

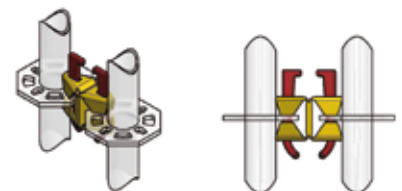
Clamp with vertical, flat-welded half coupler
 Klemme mit halber rechtwinkliger, vertikal geschweißter Kupplung
 Étau avec demi collier orthogonal soudé
 Mordaza con media junta perpendicular, soldada en vertical



mm	material	cod	daN
-	ZC	3150700251	1,52

Morsetto per raddoppio di montante

Clamp for upright doubling
 Klemme für Pfostenverdoppelung
 Étau pour doublage de montant
 Mordaza para redoblado de montante



mm	material	cod	daN
-	ZC	3150700181	1,11



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