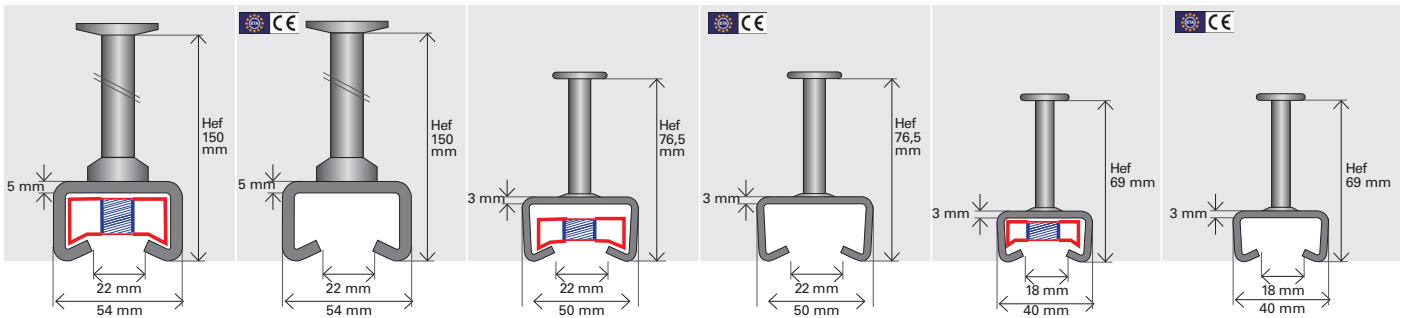










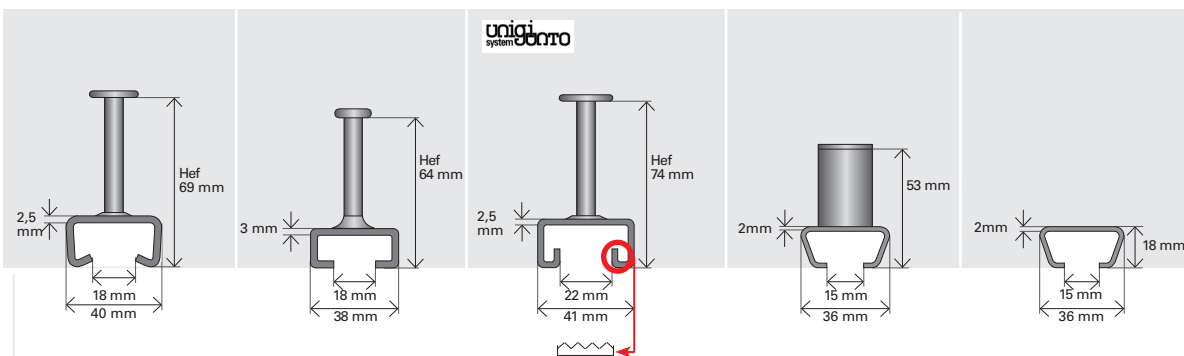















MANUALE D'USO - USER MANUAL

Profili di Ancoraggio GP e HGP Anchor channels



HGP 54/33	GP 54/33	HGP 50/30	GP 50/30	HGP 40/223	GP 40/223
Accessori - Accessories					
 Grano M16 x 60 H.S.S.S.	 Viti - T Bolt V50/300 M16 - M20	 Grano M16 x 60 H.S.S.S.	 Viti - T Bolt V50/300 M16 - M20	 Grano M16 x 60 H.S.S.S.	 Viti - T Bolt V40/22 M12-M14-M16
	 R510 M8-M10		 R510 M8-M10		 R42 M8-M10-M12
					 Barre filettate M8 - M10 Threaded bars

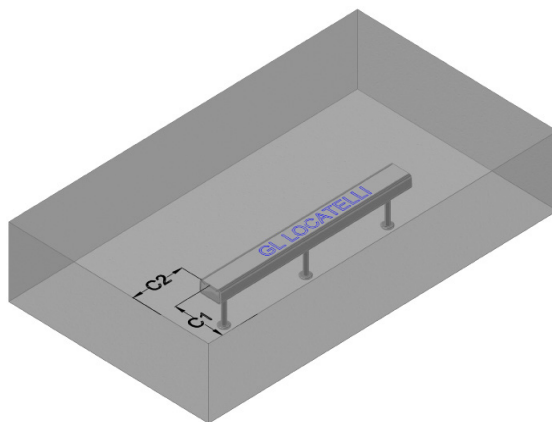


GP 40/221	GP 38/17	GPK 2	GP 1	GL1
Accessori - Accessories				
 Viti - T Bolt V40/22 M12-M14-M16	 Viti - T Bolt V38/17 M10-M12	 Viti - T Bolt VM4 M8-M10-M12	 Viti - T Bolt VM3 M12	 Viti - T Bolt VM3 M12
 R42 M8-M10-M12		 Dado - Nut VM4 M6-M8-M10-M12	 R7 M6-M8 R10 M10	 R7 M6-M8 R10 M10
 Barre filettate M8-M10 Threaded bars		 Att. rapido M8-M10-M12 Quick nut Rapido aT M8-M10-M12 Quick nut T Bolt	 Barre filettate M6-M8-M10 Threaded bars	 Barre filettate M6-M8-M10 Threaded bars

Si raccomanda l'uso di accessori zincati su profili zincati e di accessori inox su profili inox.

The use of galvanized accessories is recommended on galvanized anchor channels and stainless steel accessories on stainless steel anchor channels

Profili di Ancoraggio GP e HGP Anchor channels Installazione nel cassero - Installation in the formwork



Distanza minima dai bordi- mm - Minimum edge distance

Profilo Channel	HGP54/33 GP54/33	HGP50/30 GP50/30	HGP40/223 GP40/223	GP40/221	GP38/17	GPK2	GP1	GL1
C1 C2	100	75	50	50	50	50	50	50

Posizionare il profilo di ancoraggio nel cassero rispettando le distanze minime C1 e C2

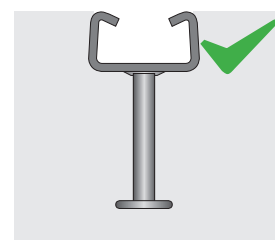
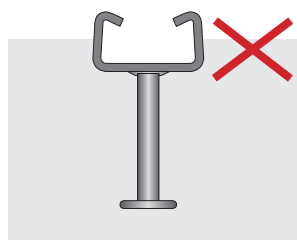
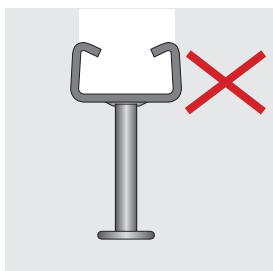
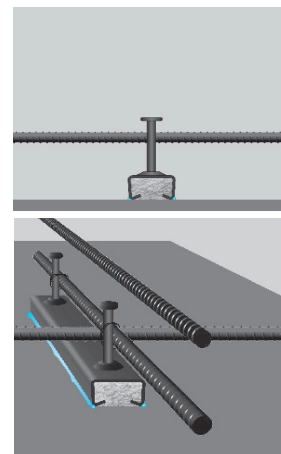
Locate the anchor channel in the formwork, respecting the minimum distances C1 and C2

Fissare il profilo affinché rimanga in posizione durante il getto, a scelta: legare alle armature, incollare con silicone, inchiodare al cassero di legno

Fixing the profile in order to have it in positioned during the concrete pouring, choosing between: binding it to the reinforcement, glue it with silicone or nail it to wooden

Eseguire il getto in calcestruzzo e compattare vibrando

Run the concrete casting and vibrate it in order to compact the mixture.



L'ancoraggio ETA e le prestazioni sono garantiti esclusivamente con l'uso di profili e viti GL Locatelli.

The ETA anchoring system and the performances are exclusively guaranteed with the use of GL Locatelli anchor channels and screws.



Installazione dell'ancoraggio

Rimuovere il riempimento di schiuma dal profilo

HGP - avvitare il grano M16x60 nel connettore all'interno del profilo. Il grano è completamente avvitato quando il filetto BLU non è più visibile.

Eseguire l'ancoraggio con dadi e rondelle piane rispettando la coppia di chiusura M16.

GP Inserire la vite testa ad ancora nel profilo e ruotare la vite di 90° in senso orario in modo che la testa si ancori alle estremità del profilo.

Verificare il corretto posizionamento della vite ad ancora.

La scanalatura presente sotto al gambo della vite deve essere perpendicolare all'asse longitudinale del profilo.

Installare le viti ad una distanza superiore a 40 mm dall'estremità laterale del GP.

Eseguire l'ancoraggio con dadi e rondelle piane rispettando la coppia di chiusura.

Anchorage installation

Remove the foam filling the channel

HGP - screw the M16x60 socket into the link inside the profile. The sockets are completely screwed when the BLUE thread will disappear.

Carry out the fixing with out and flat kasher respecting the M16 torque hammer-head.

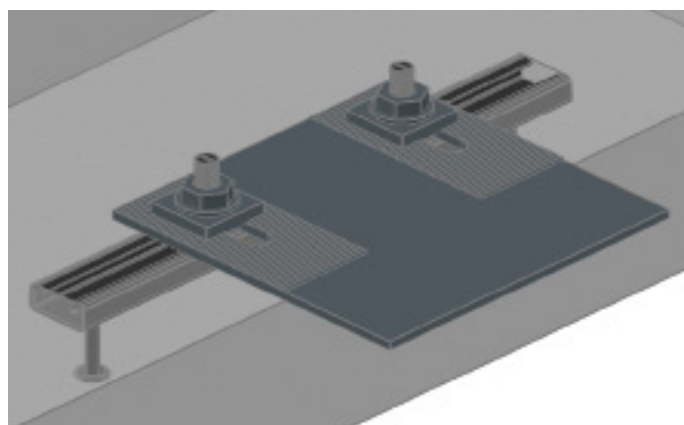
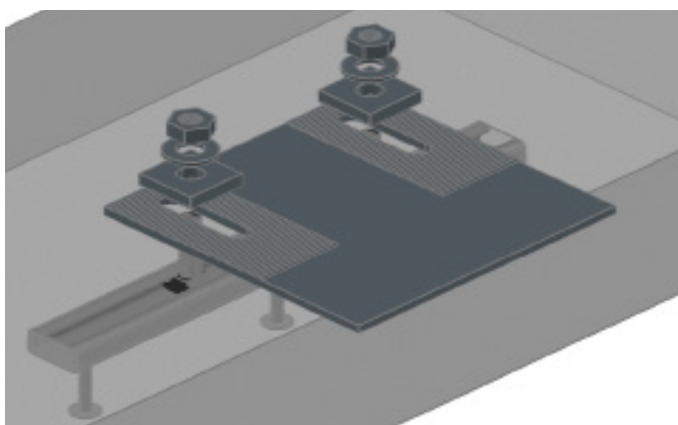
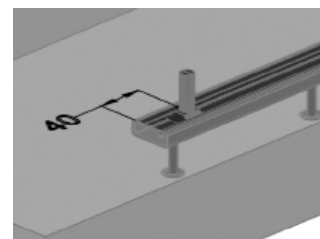
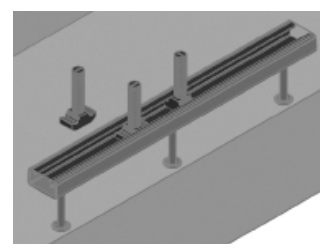
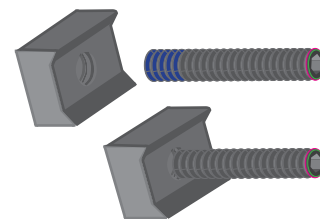
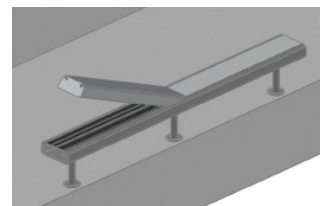
GP Insert the channel bolt into the channel slot and rotate the channel bolt of 90° clockwise in a way that the head anchors itself to the edges of the profile.

Check the correct positioning of the GL Locatelli hammer-head channel bolt.

The groove on the shank end of the channel bolt must be perpendicular to the channel longitudinal axis.

Install the channel bolts at a distance higher than 40 mm from the lateral edge of the GP anchor channel.

Carry out the fixing with nuts and flat washers respecting the torque.

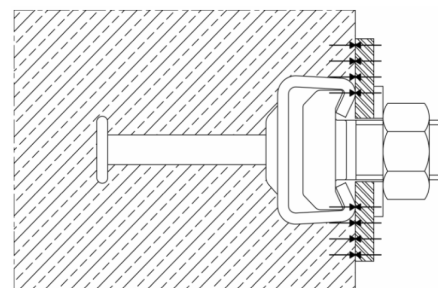


Coppia di serraggio (cls-acciaio) - Tinst Nm - Recommended torque (concrete-steel)

Profilo Channel	HGP54/33	GP54/33	HGP50/30	GP50/30	HGP40/223	GP40/223	GP40/221
Vite Screw	HGP	V50/300	HGP	V50/30	HGP	V40/22	V40/22
M 8	-	-	-	-	-	-	-
M 10	-	15	-	15	-	15	15
M 12	-	25	-	25	-	25	25
M 14	-	35	-	35	-	35	35
M 16	60	60	60	60	60	35	35
M 20	-	100	-	60	-	-	-

Coppia di serraggio (cls-acciaio) - Tinst Nm - Recommended torque (concrete-steel)

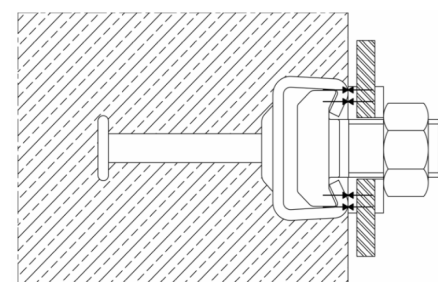
Profilo Channel	GP38/17	GPK2	GP1	GL1
Vite Screw	V38/17	VM4	VM3	VM3
M 8		15		
M 10	15	15	15	15
M 12	25	25	25	25
M 14	35	-	-	-
M 16	35	-	-	-
M 20	-	-	-	-


Coppia di serraggio (acciaio-acciaio) - Tinst Nm - Recommended torque (steel-steel)

Profilo Channel	HGP54/33	GP54/33	HGP50/30	GP50/30	HGP40/223	GP40/223	GP40/221
Vite Screw	HGP	V50/300	HGP	V50/30	HGP	V40/22	V40/22
M 8	-	-	-	-	-	-	-
M 10	-	15	-	15	-	15	15
M 12	-	25	-	25	-	25	25
M 14	-	35	-	35	-	35	35
M 16	60	60	60	60	60	45	45
M 20	-	120	-	75	-	-	-

Coppia di serraggio (acciaio-acciaio) - Tinst Nm - Recommended torque (steel-steel)

Profilo Channel	GP38/17	GPK2	GP1	GL1
Vite Screw	V38/17	VM4	VM3	VM3
M 8		15		
M 10	15	15	15	15
M 12	25	25	25	25
M 14	35	-	-	-
M 16	45	-	-	-
M 20	-	-	-	-



Profili di ancoraggio - Anchor channel					
	Tipo	Acciaio	Norma UNI	Zincatura Sendzimir	Zincatura a caldo
	Type	Steel	Norm	Sendzimir galvanized	Hot dip galvanized
Profilo	GP54/33	1.0038	EN 10025		≥ 55 µm
Chiodo		1.0570	EN 10027-2		≥ 55 µm
Profilo	GP50/30	1.0980	EN 10149-2		≥ 55 µm
Chiodo		1.0214	EN 10263		≥ 55 µm
Profilo	GP40/223	1.0038	EN 10025	da 19 a 21 µm	≥ 55 µm
Chiodo	GP40/221				
Chiodo	GP38/17	1.0214	EN 10263	da 19 a 21 µm	≥ 55 µm
Profilo	GP1	1.0038	EN 10025	da 19 a 21 µm	≥ 55 µm
	GL1				

Accessori - Accessories				
	Acciaio	Norma UNI	Zincatura Elettrolitica	Zincatura a caldo
	Steel	Norm	Electrolitic galvanized	Hot dip galvanized
Viti spec GL e barra fil. EN ISO 4018	grado 4.6 e 8.8	EN ISO 898-1	≥ 12 µm	≥ 40 µm
Rondelle EN ISO 7089 e EN ISO 7093-1 classe a 200HV	acciaio	EN 10025	≥ 5 µm	≥ 40 µm
Viti T. Esagonale EN ISO 4042		EN 20898-2	≥ 5 µm	≥ 40 µm



Profilo di ancoraggio :			Anchor channel:
HGP40/223,HGP50/30,HGP54/33	ETA	17/0869	HGP40/223,HGP50/30,HGP54/33
GP40/223,GP50/30,GP54/33	ETA	17/0869	GP40/223,GP50/30,GP54/33
Direttiva macchine - Prodotti per sollevamento	CE	2006/42	Machinery directive - lifting products
Mensole porta mattoni per Facciate	CE	EN 845/2008	Bricks brackets for facades
2008 software energetico Termo-Loc		EN 6946	2008 energetic software Termo-Loc
GL Locatelli - Prodotti in acciaio per costruzioni	CE	EN 1090	GL Locatelli - Steel Construction Products
GL Locatelli - Sistema Qualità Aziendale		EN 9001	GL Locatelli - Quality System Company
GL Locatelli - Controllo della Produzione		FPC 9001	GL Locatelli - Factory Production Control



GL LOCATELLI S.r.l.

Via Dante Alighieri, 66
 22078 Turate (CO) - Italy
 Tel. +39 02. 9648 07 21
 Fax +39 02. 968 27 95

gl@gllocatelli.it
www.adermalocatelli.it