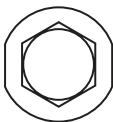
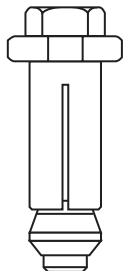


CORRECT INSTALLATION / RICHTIGE MONTAGE

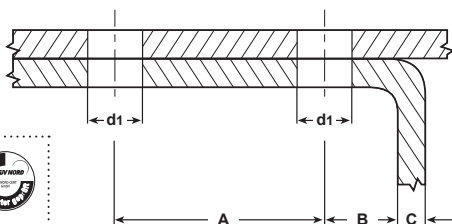
Type / Typ HB - Hollo-Bolt®



Approvals
Zulassungen
Homologations



Drilling and Preparation Bohren und Vorbereitung / Perçage et Préparation



Preparation for installing Hollo-Bolt Hexagonal Vorbereitung für die Installation von Sechskantschraube Préparation pour l'installation du Hollo-Bolt Hexagonal					Tool Sizes Werkzeuggrößen Tailles des outils		
Product Code Artikelnummer Code Produit	Clearance Hole Ø Durchgangsloch Ø Ø Trou de passage d1 mm	Hole Distance** Lochabstände** Distances entre trous**		Edge Distance** Randabstand** Princes transversales** B + C mm	Spanner Schlüssel Clé plate mm	Socket Socket Socket mm	Torque Anziehmoment Couple Nm
		min A mm	min B mm				
HB08	14 (+1.0 / -0.2)	35	13	≥ 17.5	19	13	23
HB10	18 (+1.0 / -0.2)	40	15	≥ 22.5	24	17	45
HB12	20 (+1.0 / -0.2)	50	18	≥ 25.0	30	19	80
HB16	26 (+2.0 / -0.2)	55	20	≥ 32.5	36	24	190
HB20	33 (+2.0 / -0.2)	70	25	≥ 33.0	46	30	300

Preparation for installing Hollo-Bolt Hexagonal					Tool Sizes		
Product Code	Drill Diameter Ø ¹⁾ d1	Hole Distance**		Edge Distance** B + C	Wrench mm	Socket mm	Torque ft lb
		min A	min B				
LHBM08HEX	9/16"	13/8"	1/2"	≥ 11/16"	19 (3/4")	13 (1/2")	17
LHBM10HEX	3/4"	19/16"	9/16"	≥ 7/8"	24 (15/16")	17 (11/16")	33
LHBM12HEX	13/16"	2"	11/16"	≥ 1"	30 (13/16")	19 (3/4")	59
LHBM16HEX	11/16"	23/16"	13/16"	≥ 15/16"	36 (17/16")	24 (15/16")	140
LHBM20HEX	15/16"	23/4"	1"	≥ 15/16"	46 (113/16")	30 (13/16")	221

** Ensure holes do not cut through the outer radius.

** Achten Sie darauf, dass die Löcher nicht den Außenradius schneiden.

** Vérifiez que les perçages ne coupent pas au travers du rayon extérieur.

NB: For Hot Dip Galvanised finish, drill top tolerance on clearance hole.

Hinweis: Bei feuerverzinkten Bauteilen sollte der maximale Lochdurchmesser gebohrt werden.

NB : Pour la finition GAC, percer le trou de passage à la tolérance supérieure.

1) To comply with ICC-ES ESR 3330. 1) Einhalten with ICC-ES ESR 3330. 1) Pour être conforme à l'ICC-ES 3330.

For safe working loads, characteristic resistances and LRFD/ASD loads please refer to the Lindapter website www.Lindapter.com. When installing the Hollo-Bolt, always ensure that it is tightened to the correct torque by using a calibrated torque wrench.

Informationen zu zulässigen Lasten und den LRFD / ASD-Lasten finden Sie auf der Lindapter-Website www.Lindapter.de. Wenn der Hollo-Bolt montiert ist, muss unbedingt das angegebene Anziehmoment mit einem Drehmomentschlüssel überprüft werden.

Pour les charges utiles, les résistances caractéristiques et les charges selon LRFD/ASD, veuillez visiter notre site www.Lindapter.fr. Lors de l'installation du boulon Hollo-Bolt, il est impératif d'utiliser une clé dynamométrique afin de respecter le couple de serrage préconisé.

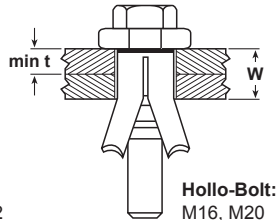
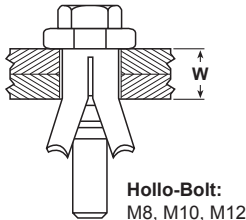
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Tel: +44 (0) 1274 521444 | www.Lindapter.com

CORRECT INSTALLATION / RICHTIGE MONTAGE

Type / Typ HB - Hollo-Bolt®

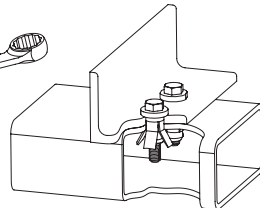
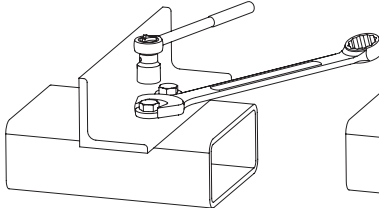
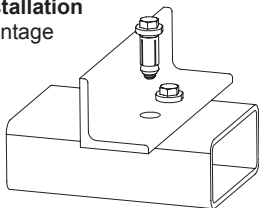
Ref: HB_MAR24



Product Code Artikelnummer Code Produit	Clamping Thickness Klemmlänge Epaisseur de serrage	Outer Ply Bauteil am Bund Couche extérieure	Collar Bund Collier	Torque Anziehmoment Couple
W mm	min t mm	A/F mm	Nm	
HB08-1	3 - 22	-	19	23
HB08-2	22 - 41	-	19	23
HB08-3	41 - 60	-	19	23
HB10-1	3 - 22	-	24	45
HB10-2	22 - 41	-	24	45
HB10-3	41 - 60	-	24	45
HB12-1	3 - 25	-	30	80
HB12-2	25 - 47	-	30	80
HB12-3	47 - 69	-	30	80
HB16-1	12 - 29	8	36	190
HB16-2	29 - 50	8	36	190
HB16-3	50 - 71	8	36	190
HB20-1	12 - 34	8	46	300
HB20-2	34 - 60	8	46	300
HB20-3	60 - 86	8	46	300

Product Code	Clamping Thickness		Outer Ply	Collar	Torque
	If compliance with ICC-ES ESR-3330 is not required	To comply with ICC-ES ESR-3330			
W	W	min t	A/F	ft lb	
LHBM08HEX#1	1/8" - 7/8"	1/4" - 7/8"	-	3/4"	17
LHBM08HEX#2	7/8" - 15/8"	7/8" - 15/8"	-	3/4"	17
LHBM08HEX#3	15/8" - 23/8"	15/8" - 23/8"	-	3/4"	17
LHBM10HEX#1	1/8" - 7/8"	5/16" - 7/8"	-	15/16"	33
LHBM10HEX#2	7/8" - 15/8"	7/8" - 15/8"	-	15/16"	33
LHBM10HEX#3	15/8" - 23/8"	15/8" - 23/8"	-	15/16"	33
LHBM12HEX#1	1/8" - 1"	5/16" - 1"	-	13/16"	59
LHBM12HEX#2	1" - 1 13/16"	1" - 1 13/16"	-	13/16"	59
LHBM12HEX#3	1 13/16" - 2 3/4"	1 13/16" - 2 3/4"	-	13/16"	59
LHBM16HEX#1	1/2" - 1 1/8"	1/2" - 1 1/8"	5/16"	17/16"	140
LHBM16HEX#2	1 1/8" - 2"	1 1/8" - 2"	5/16"	17/16"	140
LHBM16HEX#3	2" - 2 13/16"	2" - 2 13/16"	5/16"	17/16"	140
LHBM20HEX#1	1/2" - 15/16"	1/2" - 15/16"	5/16"	1 13/16"	221
LHBM20HEX#2	15/16" - 2 3/8"	15/16" - 2 3/8"	5/16"	1 13/16"	221
LHBM20HEX#3	2 3/8" - 3 3/8"	2 3/8" - 3 3/8"	5/16"	1 13/16"	221

Installation Montage



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