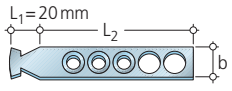
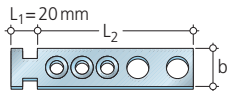
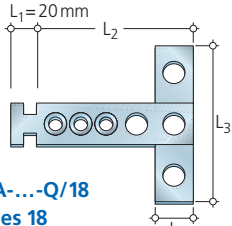

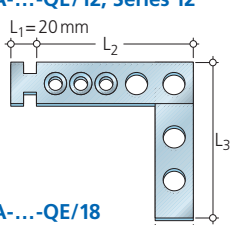



Masonry brick ties JMA / Nail ties JNA

Restraint ties for timber and masonry

Brick ties fv, A4	Cross sections		In the following, lengths L ₂ , L ₃ may be chosen freely:			
	b [mm]	t [mm]	L ₂ [mm]	wall thickness d [mm]	wall spacing a [mm]	L ₃ [mm]
JMA-.../12, Series 12 	25	2	85 120 180	115 115 115	20-40 40-80 85-140	—
		3	300	—	160	
JMA-.../18, Series 18 	30	3	85 120 180 300	115 115 115 —	20-40 40-80 85-140 160	—
		3	300	—	160	
JMA-...-Q/12, Series 12 	25	2	85 120 180	115 115 115	20-40 40-80 85-140	120 180 300
		3	300	—	160	
JMA-...-Q/18 Series 18 	30	3	85 120 180 300	115 115 115 —	20-40 40-80 85-140 160	120 180 300
		3	300	—	160	
JMA-...-QE/12, Series 12 	25	2	85 120 180	115 115 115	20-40 40-80 85-140	120 180 300
		3	300	—	160	
JMA-...-QE/18 Series 18 	30	3	85 120 180 300	115 115 115 —	20-40 40-80 85-140 160	120 180 300
		3	300	—	160	



Joist fixing to ring beam with nail ties and brick tie channels

Further products and solutions will be found in our catalogue "Systems for brick work support".

Ordering example
Brick tie
JMA-QE, series 12
L₂ = 85 mm, L₃ = 120 mm

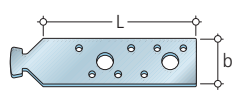
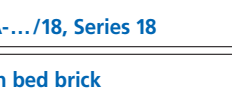
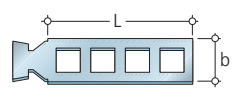
JMA - 85 × 120 - QE / 12
Type L₂ × L₃ Design Series

Ordering example
Nail tie,
Length 130 mm
Series 18

JNA - 130 - 18
Type L Series

Ordering example
Thin bed brick tie JMA-D
length 125 mm

JMA - 125 - D / 12
Type L Design Series

Nail ties fv	Cross sections		Length
	b [mm]	t [mm]	L [mm]
JNA-.../12, Series 12 	35	3	100 130 200
			35
JNA-.../18, Series 18 	35	3	100 130 200
			35
Thin bed brick Restraint tie JMA...D/12, Series 12 A2	Cross sections		Length
	b [mm]	t [mm]	L [mm]
	25	1	125 185 245