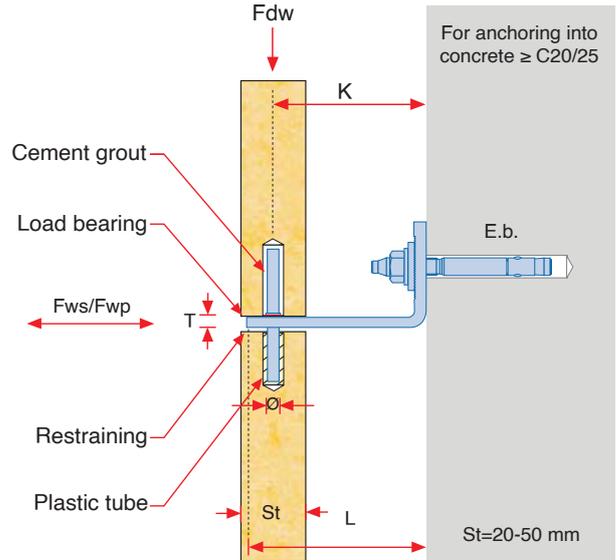


HA01 L Anchor - Product Details



Product Code	Technical Details								
	Projection	Dead Load	Wind Pressure	Wind Suction	Bolt Size	Pin Diameter	Anchor Length	Anchor Thickness	
	K (mm)	Fdw (N)	Fwp (N)	Fws (N)	E.b. (mm)	Ø (mm)	L (mm)	T (mm)	
HA01-301	30	100	156	110	M8X80	4	36	2	
HA01-351	35						41		
HA01-401	40						46		
HA01-451	45						51		
HA01-501	50						56		
HA01-551	55	61	2.5						
HA01-302	30	200		312	219	M8X80	4	38	3
HA01-352	35							43	
HA01-402	40							48	
HA01-452	45							53	
HA01-502	50		58						
HA01-552	55	63	4						
HA01-303	30	300		468	328	M8X80	5	38	3
HA01-353	35							43	
HA01-403	40							48	
HA01-453	45							53	
HA01-503	50		58						
HA01-553	55	63	4						
HA01-304	30	400		624	437	M8X80	5	38	3
HA01-354	35							43	
HA01-404	40							48	
HA01-454	45							53	
HA01-504	50		58						
HA01-554	55	63	4						

- Material: Stainless Steel 1.4301 (A2) & 1.4401 (A4).
- Table above is prepared according to Eurocode standard.
- Loads stated are working resistance loads.
- Other sizes are available for production upon request.
- Bolts are provided separately.
- Structural calculation reports are available upon order.

HA01 L Anchor

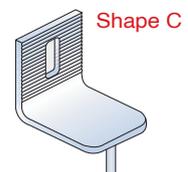
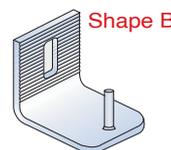
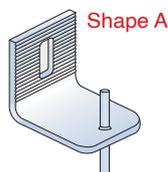
- Load bearing & restraint
- Limited adjustability
- Fastened on to load bearing walls with expansion bolts and on to channels with set screws
- Projection sizes between 30 and 35 mm
- Suitable for horizontal

- Loads up to 400 N
- Stone thickness above 20 mm

Product Code Description

HA01 - 30 1 A

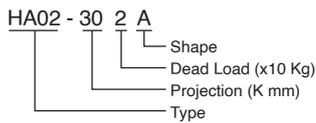
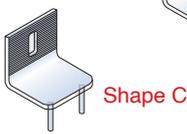
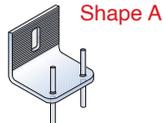
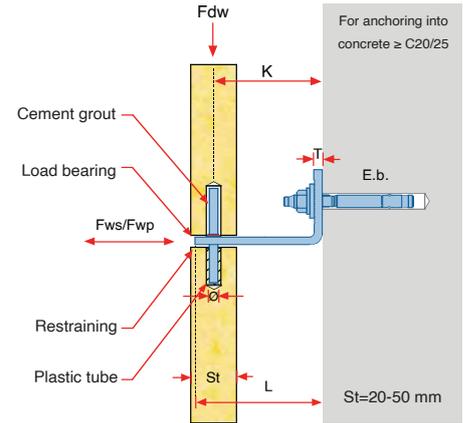
- Shape
- Dead Load (x10 Kg)
- Projection (K mm)
- Type



HA02 L Anchor - Product Details

HA02 L Anchor

- Load bearing & restraint.
- Projection sizes between 30 and 55 mm.
- Loads up to 400 N.
- Suitable for horizontal joints.
- Stone thickness above 20mm.
- Fastened on walls with expansion bolts.
- Stone installation is made with a single anchor on each side.

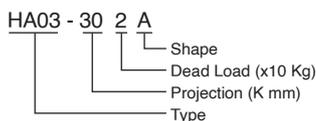
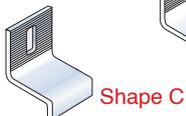
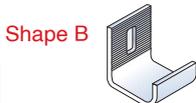
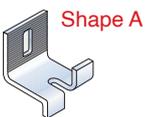
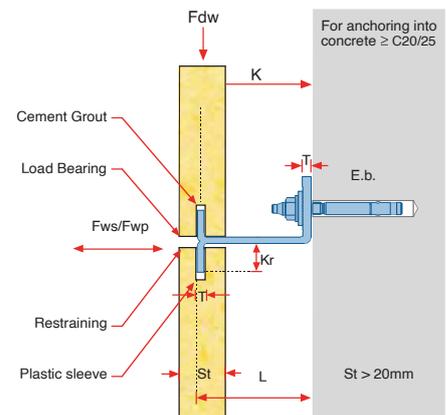


Product Code	Technical Details							
	Projection	Dead Load	Wind Pressure	Wind Suction	Bolt Size	Pin Diameter	Anchor Length	Anchor Thickness
	K (mm)	Fdw (N)	Fwp (N)	Fws (N)	E.b. (mm)	Ø (mm)	L (mm)	T (mm)
HA02-302	30	200	312	219	M8X80	4	38	3
HA02-352	35						43	
HA02-402	40						48	
HA02-452	45						53	
HA02-502	50						58	
HA02-552	55	63						
HA02-304	30	400	624	437	M8X80	6	38	4
HA02-354	35						43	
HA02-404	40						48	
HA02-454	45						53	
HA02-504	50						58	
HA02-554	55	63						

HA03 L Anchor - Product Details

HA03 L Anchor

- Load bearing & restraint.
- Projection sizes between 30 and 55 mm.
- Loads up to 400 N.
- Suitable for horizontal joints.
- Stone thickness above 20mm.
- Fastened on walls with expansion bolts.
- Installation is made with kerf system where there are slit edges in the slabs.

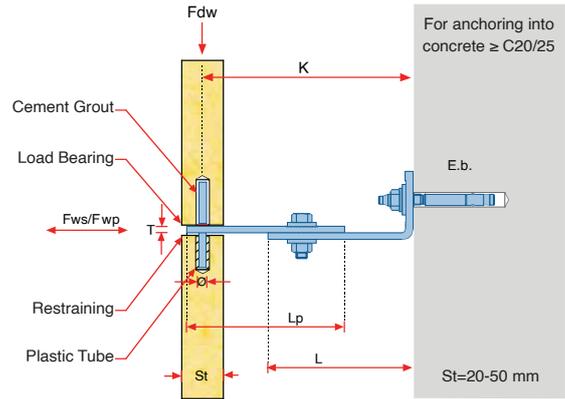


Product Code	Technical Details							
	Projection	Dead Load	Wind Pressure	Wind Suction	Bolt Size	Pin Diameter	Anchor Length	Anchor Thickness
	K (mm)	Fdw (N)	Fwp (N)	Fws (N)	E.b. (mm)	Ø (mm)	L (mm)	T (mm)
HA03-302	30	200	312	219	M8X80	12	32	3
HA03-352	35						37	
HA03-402	40						42	
HA03-452	45						47	
HA03-502	50						52	
HA03-552	55	57						
HA03-304	30	400	624	437	M8X80	15	32	4
HA03-354	35						37	
HA03-404	40						42	
HA03-454	45						47	
HA03-504	50						52	
HA03-554	55	57						

HA04 L Anchor - Product Details

HA04 L Anchor

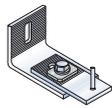
- Load bearing & restraint.
- Projection sizes between 100 and 180 mm.
- Loads up to 800 N.
- Suitable for horizontal joints.
- Stone thickness above 20mm.
- Fastened on walls with expansion bolts.
- Adjustability of the projection size is provided with the adjustable plate.



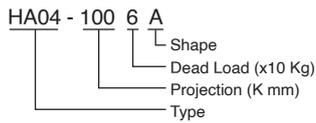
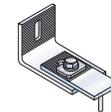
Shape A



Shape B



Shape C

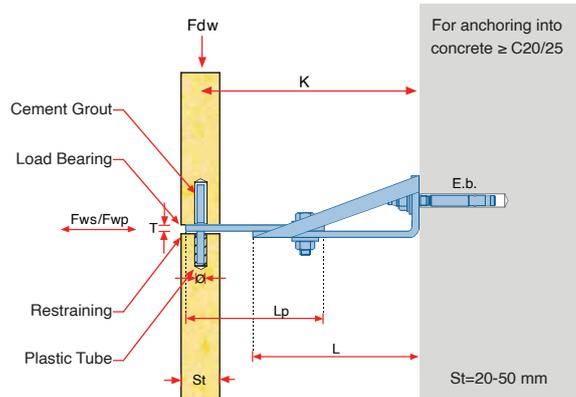


Product Code	Technical Details										
	Projection	Min. Projection	Max. Projection	Dead Load	Wind Pressure	Wind Suction	Bolt Size	Pin Diameter	Anchor Length	Adj. Plate Length	Adj. Plate Thickness
	K (mm)	K - (mm)	K + (mm)	Fdw (N)	Fwp (N)	Fws (N)	E.b. (mm)	Ø (mm)	L (mm)	Lp (mm)	T (mm)
HA04-1006	100	85	115	600	936	655	M12X120	6	70	80	6
HA04-1206	120	105	135						90		
HA04-1406	140	125	155						110		
HA04-1606	160	145	175						130		
HA04-1806	180	165	195						150		
HA04-1008	100	85	115	800	1235	865	M12X120	6	70	80	6
HA04-1208	120	105	135						90		
HA04-1408	140	125	155						110		
HA04-1608	160	145	175						130		
HA04-1808	180	165	195						150		

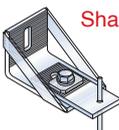
HA05 L Anchor - Product Details

HA05 L Anchor

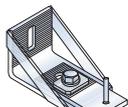
- Load bearing & restraint.
- Projection sizes between 200 and 280 mm.
- Loads up to 800 N.
- Suitable for horizontal joints.
- Stone thickness above 20mm.
- Fastened on walls with expansion bolts.
- Adjustability of the projection size is provided with the adjustable plate.



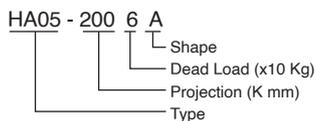
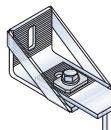
Shape A



Shape B



Shape C



Product Code	Technical Details										
	Projection	Min. Projection	Max. Projection	Dead Load	Wind Pressure	Wind Suction	Bolt Size	Pin Diameter	Anchor Length	Adj. Plate Length	Adj. Plate Thickness
	K (mm)	K - (mm)	K + (mm)	Fdw (N)	Fwp (N)	Fws (N)	E.b. (mm)	Ø (mm)	L (mm)	Lp (mm)	T (mm)
HA05-2006	200	185	215	600	936	655	M12X120	6	170	80	6
HA05-2206	220	205	235						190		
HA05-2406	240	225	255						210		
HA05-2606	260	245	275						230		
HA05-2806	280	265	295						250		
HA05-2008	200	185	215	800	1235	865	M12X120	6	170	80	6
HA05-2208	220	205	235						190		
HA05-2408	240	225	255						210		
HA05-2608	260	245	275						230		
HA05-2808	280	265	295						250		

HA L Anchor - Special Applications

HA04-SP Support bracket with wedge washer



L anchor with adjustable plate combined with a wedge washer instead of serrated washer. This is chosen in cases where vertical loads are too high for the serrated washer to sustain the no slip feature.



HA04-K Support bracket with kerf



HA04-K L anchor with adjustable kerfed plates. This anchor is the same as HA04 L anchor with the difference of using kerf connection to stone instead of a pin connection.



HA-3H Restraint bracket



L anchor is produced with three holes in order to accommodate a special requirement. Customized production is made in any case to fulfil the special requirement of the stone application.

HAZ-21 Restraint bracket

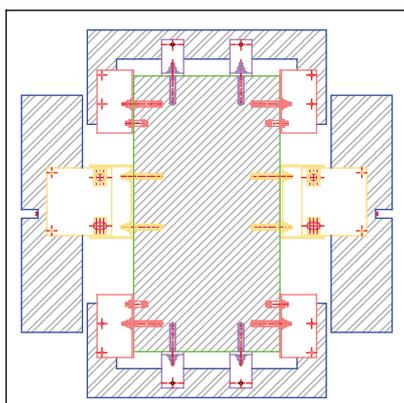


HAZ 21 restraint anchor, designed for the purpose of installing into insulated walls more quickly. Insulation is drilled instead of cut. HAZ 21 anchors are generally used as restraints and are used for corbel facade installations.

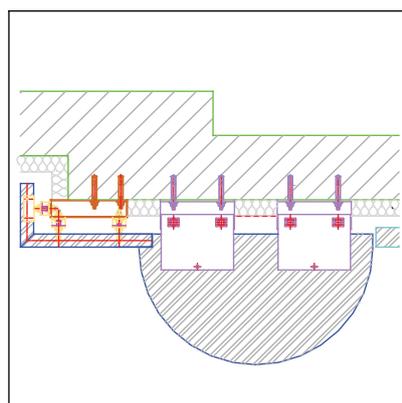


Special Designs

L anchors are used to install thick stone slabs around corners.



L anchors are used to support large semi circular stones forming a massive column block.



L anchors used for stone installation around column with variations in stone and projection.

