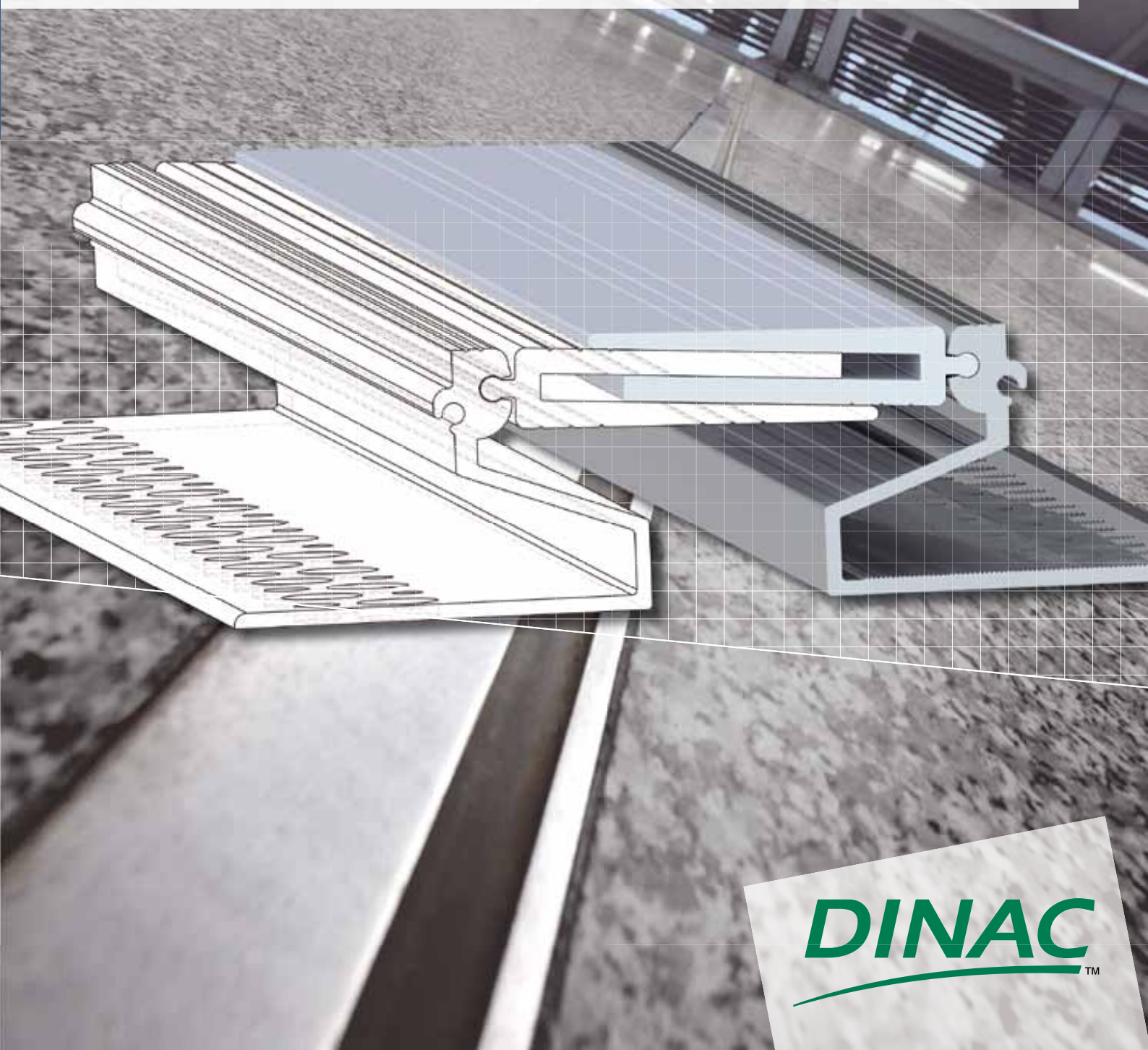


DINASOL[®] II

EXPANSION JOINT SYSTEMS

SYSTÈMES POUR JOINT DE DILATATION



DINAC[™]

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WHY USING DINASOL EXPANSION JOINT SYSTEMS?

In the building, everything moves !

Buildings are subject to various types of pressures, whose amplitudes can vary strongly.

These pressures can be caused by:

- heat induced expansions and contractions throughout seasons,
- ground settlements and landslides,
- buildings own weight and its occupancy,
- earthquakes,
- and wind.

In order to prevent these pressures, medium and large sized buildings are divided into blocks, so that each block can move according to its own constraints and not topple over with the neighboring block.

Between these blocks, gaps are reserved for expansion/compression. Their locations and their openings are determined by structural engineers.

A structural expansion gap will safely absorb and allow building movements and prevent from heavy damage.

Not use, or use inappropriate expansion joint systems, may cause cracks and breaks or irreversible damages for structures and finishes of buildings.

DINASOL expansion joint systems process without restricting structural movements of buildings.

Moreover, according to the models, they contribute to water tightness of structures and they are also complemented by fire barrier systems.

Finally, the wide choice of DINASOL models allows them to integrate or to emphasize the overall aesthetics of all buildings.

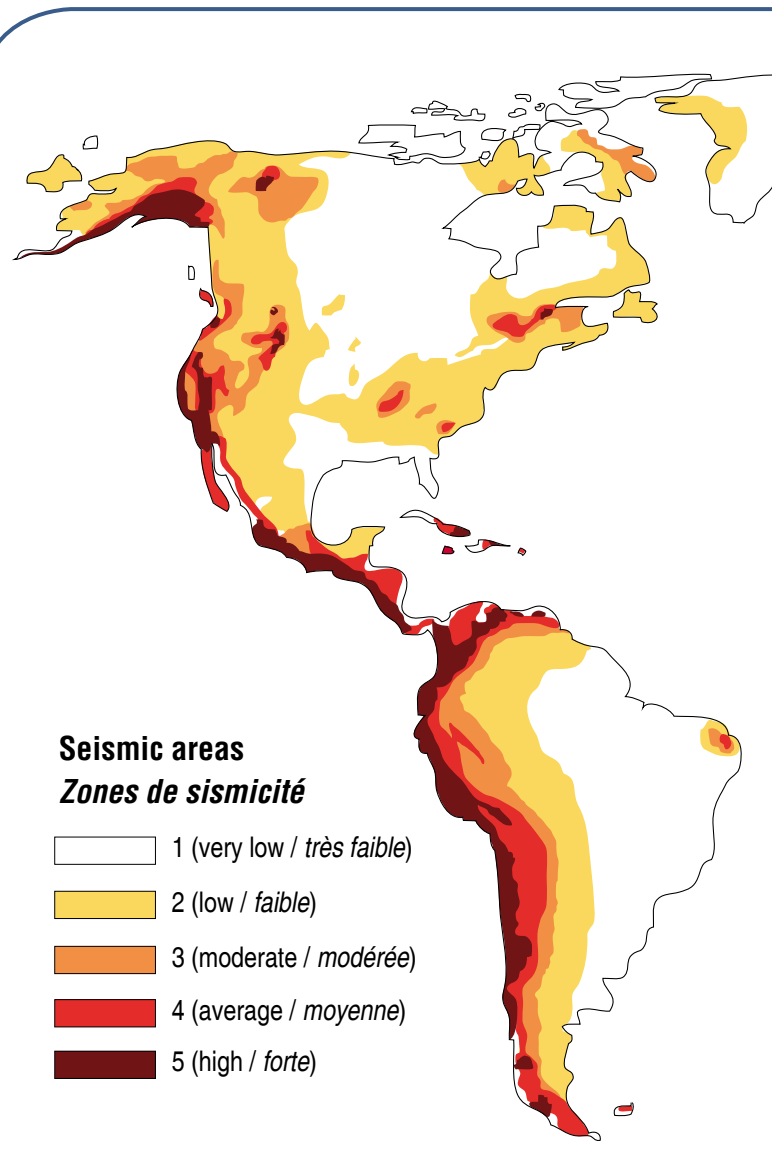
DINASOL expansion joint systems are designed in accordance to different standards:

- Eurocode 1: NF EN 1991-1-1 (actions on structures) into force in France since 1st of May, 2011.
- NF EN 573-3 (aluminium alloys EN AW-6060 et EN AW-6063-T5)
- NF EN 755-2 (aluminium alloys mechanical specifications) – Heat treatment T5
- ...

DINAC is at your disposal for any support and advice to select appropriate DINASOL system for your projects.



SEISMIC RISKS MAP
CARTE DES RISQUES SISMQUES



POURQUOI UTILISER LES SYSTÈMES POUR JOINT DE DILATATION DINASOL ?

Dans le bâtiment, tout bouge !

Les bâtiments sont soumis à de nombreuses pressions, dont l'amplitude peut considérablement varier.

Ces pressions peuvent être causées par :

- les variations thermiques,
- les tassements et les mouvements de terrain,
- le poids propre des bâtiments et l'occupation des locaux,
- les tremblements de terre,
- et le vent.

Pour s'en prémunir, les bâtiments de moyenne et de grande taille sont dessinés par blocs, de manière à ce que chacun de ces blocs travaille selon ses propres contraintes et ne s'entrechoque pas avec le bloc voisin.

Entre ces blocs, des espaces sont réservés lors de la construction pour la dilatation. Leurs emplacements et leurs ouvertures sont déterminés par les ingénieurs de structure.

Ces joints de dilatation doivent absorber et accompagner les mouvements des bâtiments, pour leur éviter de lourdes dégradations.

Ne pas utiliser, ou utiliser un système de joint de dilatation inapproprié, peut entraîner des fissures ou

des dégradations irréversibles de la structure et de la finition des bâtiments.

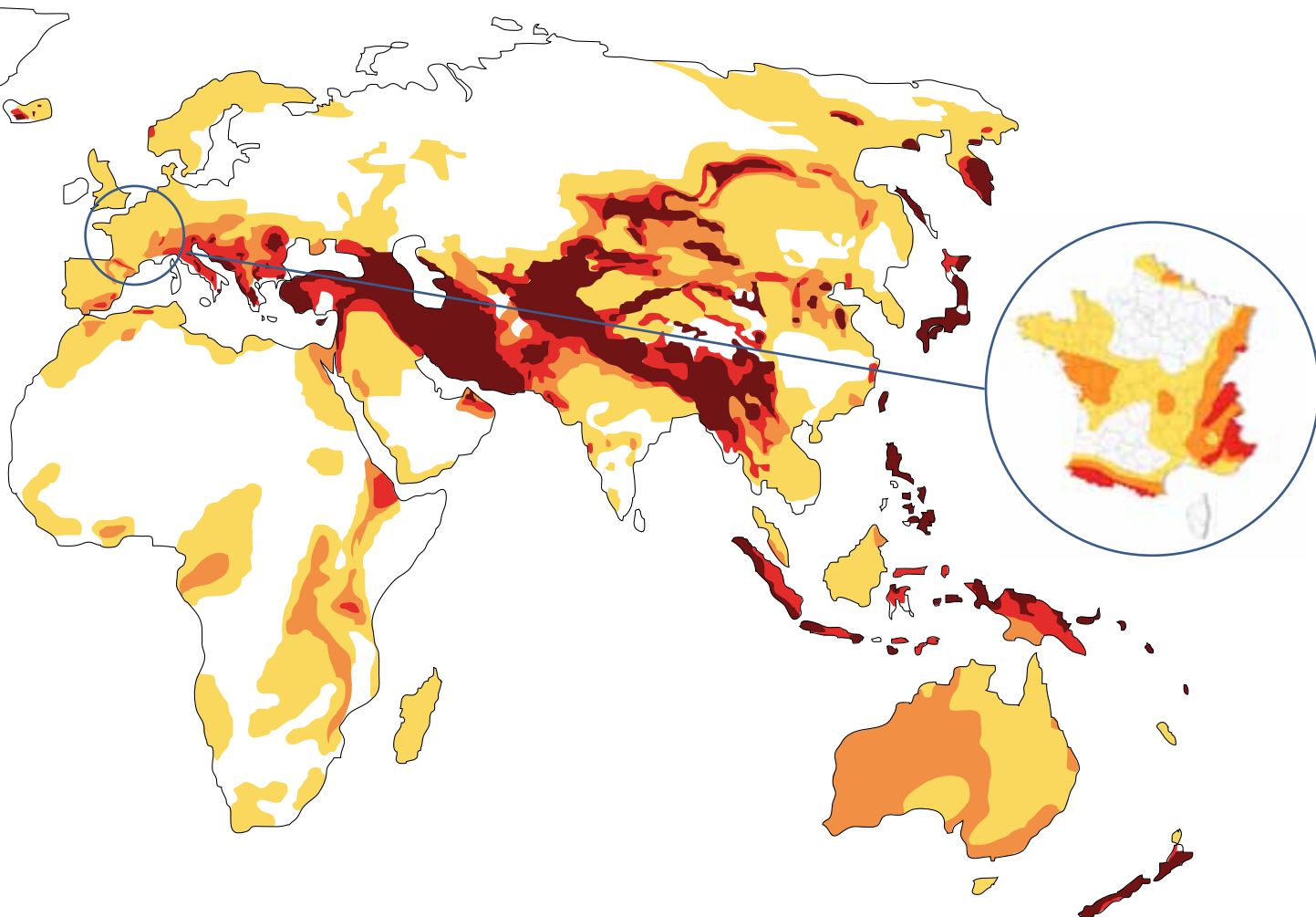
Les systèmes DINASOL permettent de traiter les joints de dilatation sans entraver les mouvements des structures.

De plus, selon les modèles, ils participent à l'étanchéité des ouvrages et sont compatibles avec les systèmes de lutte contre la propagation du feu. Enfin, le large choix de modèles DINASOL leur permet de s'intégrer ou de souligner l'esthétique globale de tous les bâtiments.

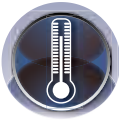





Les systèmes de joint de dilatation DINASOL sont conçus selon différentes normes :

- Eurocode 1 : NF EN 1991-1-1 (actions sur les structures), applicable en France depuis le 01/05/2011
- NF EN 573-3 (compositions des alliages d'aluminium EN AW-6060 et EN AW-6063-T5)
- NF EN 755-2 (caractéristiques mécaniques des alliages d'aluminium) - Traitement T5
- ...

DINAC se tient à votre disposition pour vous aider dans le choix des systèmes DINASOL adaptés à vos projets.

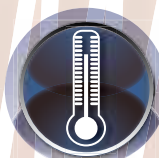


HOW TO CHOOSE AN APPROPRIATE DINASOL EXPANSION JOINT SYSTEM?


TYPE	THERMAL <i>THERMIQUE</i>	SEISMIC <i>SISMIQUE</i>	LOCATION <i>EMPLACEMENT</i>				
							
PRS	◆		◆	◆	◆	◆	
TTM 3	◆		◆				
CLR 1	◆		◆				
PES 1	◆		◆	◆	◆	◆	
TGV	◆		◆				
PESQ	◆		◆	◆			
TTM 1	◆		◆				
TTM 2	◆		◆				
TTM 4	◆		◆	◆			
QUAKER		◆	◆	◆			
SLIDER		◆	◆	◆			
SHAKER		◆	◆	◆	◆	◆	
WAVER		◆	◆	◆	◆	◆	
GM 1		◆	◆				
GM 3		◆	◆	◆			
STRIKE		◆	◆				
TW		◆	◆	◆			
BELT		◆			◆	◆	
TREMOR		◆			◆		
ROOF		◆					◆

PICTOGRAMS


MOVEMENT
MOUVEMENT




thermal
thermique



seismic
sismique




horizontal movt
capacity +/- *
*compression/dilatation**




vertical movt
capacity +/- *
*mouvements
verticaux**


LOCATION
EMPLACEMENT




floor / floor
sol / sol




floor / wall
sol / mur




wall / wall
mur / mur



wall / ceiling
mur / plafond








ceiling / ceiling
plafond / plafond



roof
toit

* the percentages under these pictograms in tables are given with respect to nominal opening gap.
* les pourcentages sous ces pictos dans les tableaux sont donnés par rapport à l'ouverture nominale.

COMMENT CHOISIR LE SYSTÈME DINASOL APPROPRIÉ ?

MAX LOAD CHARGE MAXIMALE					PAGES
					
◆	◆	◆	◆		6 to 10
◆	◆	◆			11
◆	◆	◆	◆	◆	12 to 13
◆	◆	◆			14 to 20
◆	◆	◆	◆	◆	21
◆	◆	◆	◆		22 to 24
◆	◆	◆	◆	◆	25
◆	◆	◆	◆	◆	26
◆	◆	◆			27
◆					28
◆	◆	◆			29
◆	◆	◆			30 to 31
◆	◆	◆			32 to 33
◆	◆	◆	◆	◆	34
◆	◆	◆	◆	◆	35
◆	◆	◆	◆	◆	36
◆	◆	◆	◆	◆	37
					38 to 39
					40
					41



LOAD CHARGE



max 3,5 kN



max 7 kN



max 25 kN



max 30 kN



max 300 kN

FITTING FIXATION



surface mounted
rapportée



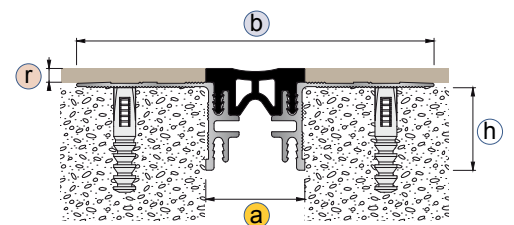
recessed / encastrée



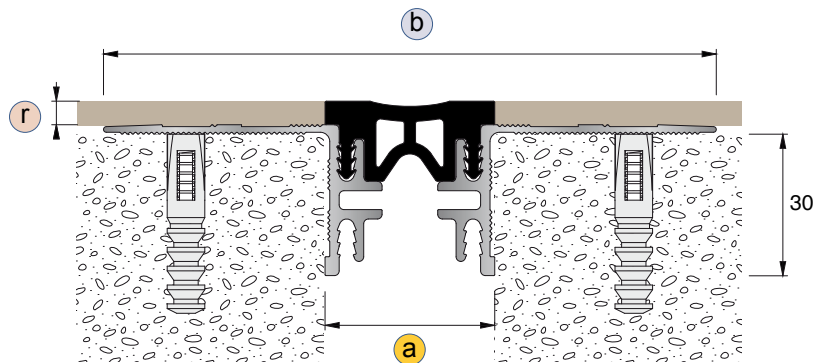
waterproof



DINASOL DRAWING LEGEND LÉGENDE DES SCHÉMAS DINASOL

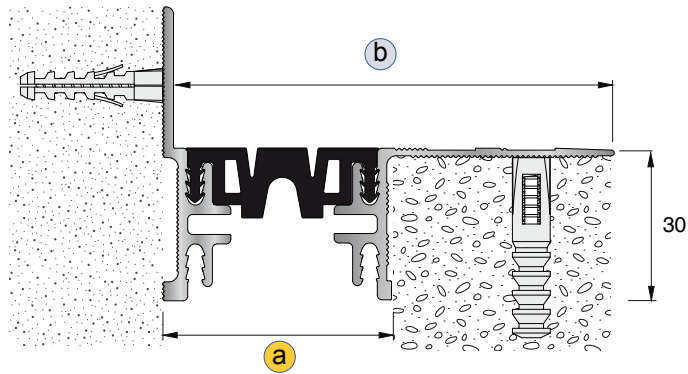
- (a)** nominal opening gap
ouverture de dilatation nominale
- (b)** total width
largeur totale
- (r)** flooring thickness
épaisseur du revêtement
- (h)** frame height
hauteur d'équerre



EXPANSION JOINT SYSTEMS



	a	r	b			Max duty in kN	Metal finishing	Kit code
	mm	mm	mm					
DINA-PRS / 005 FLAT	26	-	120	15%	12%	7	Silver	03 40 20
DINA-PRS / 009 FLAT	26	3	120	15%	12%	7	Silver	03 40 30
DINA-PRS / 018 FLAT	26	-	120	15%	12%	7	Gold	03 41 20
DINA-PRS / 022 FLAT	26	3	120	15%	12%	7	Gold	03 41 30
DINA-PRS / 031 FLAT	36	-	130	14%	11%	7	Silver	03 42 20
DINA-PRS / 035 FLAT	36	3	130	14%	11%	7	Silver	03 42 30
DINA-PRS / 040 FLAT	36	5	130	14%	11%	7	Silver	03 42 50
DINA-PRS / 046 FLAT	36	-	130	14%	11%	7	Gold	03 43 20
DINA-PRS / 050 FLAT	36	3	130	14%	11%	7	Gold	03 43 30
DINA-PRS / 054 FLAT	36	5	130	14%	11%	7	Gold	03 43 50
DINA-PRS / 060 FLAT	46	-	140	14%	11%	7	Silver	03 44 20
DINA-PRS / 064 FLAT	46	3	140	14%	11%	7	Silver	03 44 30
DINA-PRS / 068 FLAT	46	5	140	14%	11%	7	Silver	03 44 40
DINA-PRS / 072 FLAT	46	8	140	14%	11%	7	Silver	03 44 50
DINA-PRS / 080 FLAT	46	-	140	14%	11%	7	Gold	03 45 20
DINA-PRS / 084 FLAT	46	3	140	14%	11%	7	Gold	03 45 30
DINA-PRS / 088 FLAT	46	5	140	14%	11%	7	Gold	03 45 40
DINA-PRS / 092 FLAT	46	8	140	14%	11%	7	Gold	03 45 50
DINA-PRS / 097 FLAT	56	-	150	12%	9%	7	Gold	03 45 61
DINA-PRS / 098 FLAT	56	-	150	12%	9%	7	Silver	03 45 62



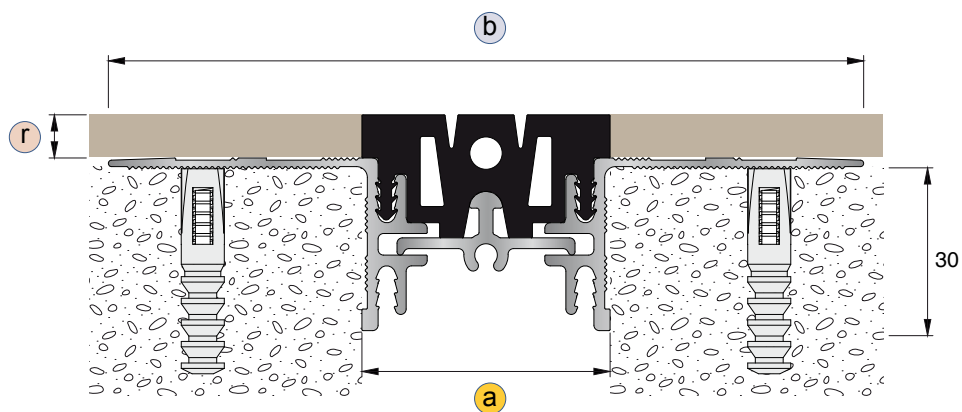
PRS

	a mm	r mm	b mm			Max duty in kN	Metal finishing	Kit code
DINA-PRS/105 ANGLE	28	-	73	32%	29%	-	Silver	03 65 20
DINA-PRS/109 ANGLE	28	3	73	32%	29%	-	Silver	03 65 30
DINA-PRS/118 ANGLE	28	-	73	32%	29%	-	Gold	03 66 20
DINA-PRS/122 ANGLE	28	3	73	32%	29%	-	Gold	03 66 30
DINA-PRS/131 ANGLE	38	-	83	24%	21%	-	Silver	03 67 20
DINA-PRS/135 ANGLE	38	3	83	24%	21%	-	Silver	03 67 30
DINA-PRS/139 ANGLE	38	5	83	24%	21%	-	Silver	03 67 50
DINA-PRS/145 ANGLE	38	-	83	24%	21%	-	Gold	03 68 20
DINA-PRS/149 ANGLE	38	3	83	24%	21%	-	Gold	03 68 30
DINA-PRS/153 ANGLE	38	5	83	24%	21%	-	Gold	03 68 50
DINA-PRS/159 ANGLE	48	-	93	19%	17%	-	Silver	03 69 20
DINA-PRS/163 ANGLE	48	3	93	19%	17%	-	Silver	03 69 30
DINA-PRS/167 ANGLE	48	5	93	19%	17%	-	Silver	03 69 40
DINA-PRS/171 ANGLE	48	8	93	19%	17%	-	Silver	03 69 50
DINA-PRS/181 ANGLE	48	-	93	19%	17%	-	Gold	03 70 20
DINA-PRS/185 ANGLE	48	3	93	19%	17%	-	Gold	03 70 30
DINA-PRS/189 ANGLE	48	5	93	19%	17%	-	Gold	03 70 40
DINA-PRS/193 ANGLE	48	8	93	19%	17%	-	Gold	03 70 50
DINA-PRS/176 ANGLE	58	-	103	16%	14%	-	Silver	03 69 80
DINA-PRS/198 ANGLE	58	-	103	16%	14%	-	Gold	03 70 80

INFO

- Sold by 3 m kit including : anodized aluminium profiles (silver or gold finish) ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
- See optional accessories on pages 42-43.

- Vendu en kit de 3 m comprenant : les profilés aluminium anodisé (naturel ou or) ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.
- Voir accessoires en option pages 42-43.



PRS

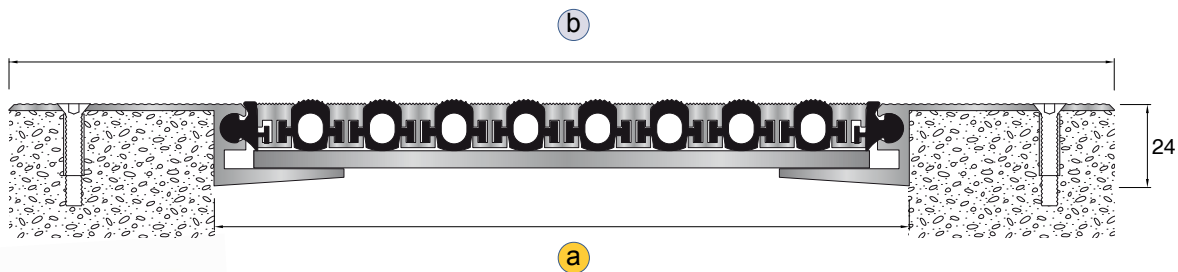
	a mm	r mm	b mm			Max duty in kN	Metal finishing	Kit code
DINA-PRS / 222 FLAT	46	-	140	14%	11%	30	Silver	03 46 20
DINA-PRS / 244 FLAT	46	-	140	14%	11%	30	Gold	03 47 20
DINA-PRS / 226 FLAT	46	3	140	14%	11%	30	Silver	03 46 30
DINA-PRS / 248 FLAT	46	3	140	14%	11%	30	Gold	03 47 30
DINA-PRS / 230 FLAT	46	5	140	14%	11%	30	Silver	03 46 40
DINA-PRS / 252 FLAT	46	5	140	14%	11%	30	Gold	03 47 40
DINA-PRS / 234 FLAT	46	8	140	14%	11%	30	Silver	03 46 50
DINA-PRS / 256 FLAT	46	8	140	14%	11%	30	Gold	03 47 50
<hr/>								
DINA-PRS / 239 FLAT	56	-	150	12%	9%	30	Silver	03 46 80
DINA-PRS / 261 FLAT	56	-	150	12%	9%	30	Gold	03 47 80

INFO

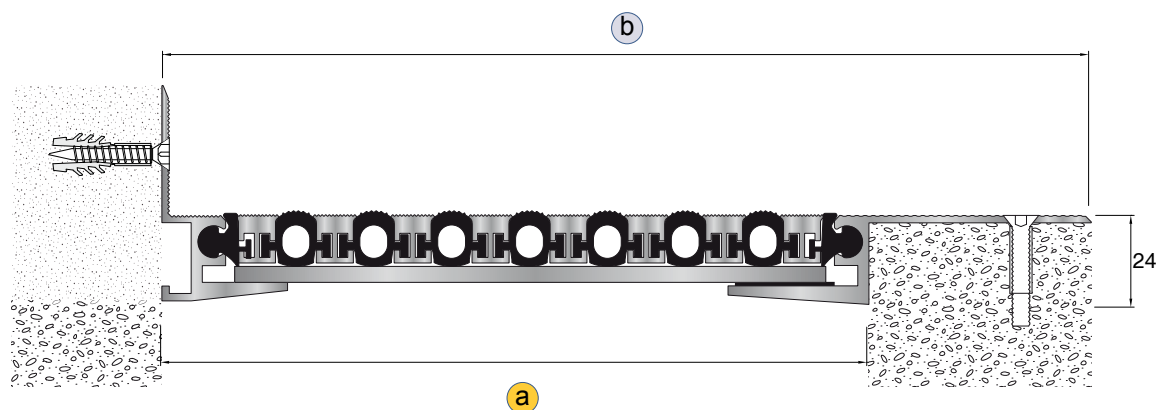
■ Sold by 3 m kit including : anodized aluminium profiles (silver or gold finish) ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
 ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium anodisé (naturel ou or) ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.
 ■ Voir accessoires en option pages 42-43.





PRS	a mm	b mm	Directional movement		Max duty in kN	Kit code
			↔	↕		
DINA-PRS / 200 FLAT	60	180	5%	8%	3,5	03 30 54
DINA-PRS / 201 FLAT	80	200	8%	6%	3,5	03 30 55
DINA-PRS / 202 FLAT	100	220	8%	5%	3,5	03 30 56
DINA-PRS / 203 FLAT	120	240	8%	4%	3,5	03 30 57
DINA-PRS / 204 FLAT	140	260	7%	4%	3,5	03 30 58
DINA-PRS / 205 FLAT	150	270	11%	3%	3,5	03 30 59
DINA-PRS / 206 FLAT	160	278	8%	3%	3,5	03 30 60
DINA-PRS / 207 FLAT	180	298	9%	3%	3,5	03 30 61
DINA-PRS / 208 FLAT	200	320	8%	3%	3,5	03 30 62

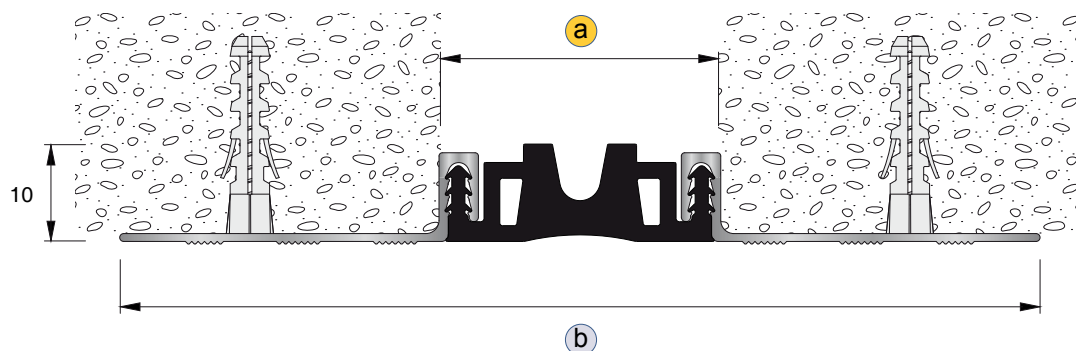


PRS	a mm	b mm	Directional movement		Max duty in kN	Kit code
			↔	↕		
DINA-PRS / 209 ANGLE	60	128	8%	8%	-	03 30 63
DINA-PRS / 210 ANGLE	80	148	7%	6%	-	03 30 64
DINA-PRS / 211 ANGLE	100	170	8%	5%	-	03 30 65
DINA-PRS / 212 ANGLE	120	188	8%	4%	-	03 30 66
DINA-PRS / 213 ANGLE	140	208	8%	4%	-	03 30 67
DINA-PRS / 214 ANGLE	150	218	8%	3%	-	03 30 68
DINA-PRS / 215 ANGLE	160	227	8%	3%	-	03 30 69
DINA-PRS / 216 ANGLE	180	247	8%	3%	-	03 30 70
DINA-PRS / 217 ANGLE	200	270	8%	3%	-	03 30 71

INFO

■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC or EPDM rubber joint (black) ; hardware (screws, bolts, ...). ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC ou EPDM (coloris noir) ; la visserie. ■ Voir accessoires en option pages 42-43.



PRS

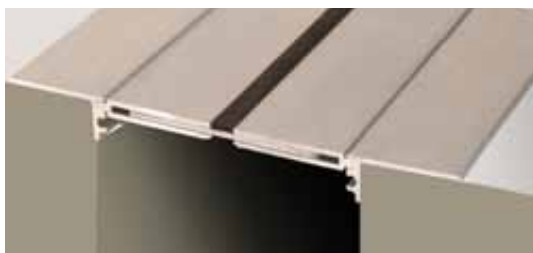
	a mm	r mm	b mm			Max duty in kN	Metal finishing	Kit code
DINA-PRS / 266 FLAT	17	-	114	15%	12%	-	Silver	03 93 10
DINA-PRS / 278 FLAT	17	-	114	15%	12%	-	Gold	03 94 10
DINA-PRS / 269 FLAT	23	-	120	17%	13%	-	Silver	03 93 20
DINA-PRS / 281 FLAT	23	-	120	17%	13%	-	Gold	03 94 20
DINA-PRS / 268 FLAT	23	3	120	17%	13%	-	Silver	03 93 12
DINA-PRS / 280 FLAT	23	3	120	17%	13%	-	Gold	03 94 12
DINA-PRS / 292 FLAT	33	-	130	15%	12%	-	Silver	03 95 20
DINA-PRS / 303 FLAT	33	-	130	15%	12%	-	Gold	03 96 20
DINA-PRS / 290 FLAT	33	3	130	15%	12%	-	Silver	03 95 11
DINA-PRS / 301 FLAT	33	3	130	15%	12%	-	Gold	03 96 11
DINA-PRS / 291 FLAT	33	5	130	15%	12%	-	Silver	03 95 12
DINA-PRS / 302 FLAT	33	5	130	15%	12%	-	Gold	03 96 12
DINA-PRS / 314 FLAT	43	-	140	15%	12%	-	Silver	03 97 20
DINA-PRS / 327 FLAT	43	-	140	15%	12%	-	Gold	03 98 20
DINA-PRS / 311 FLAT	43	3	140	15%	12%	-	Silver	03 97 10
DINA-PRS / 324 FLAT	43	3	140	15%	12%	-	Gold	03 98 10
DINA-PRS / 312 FLAT	43	5	140	15%	12%	-	Silver	03 97 11
DINA-PRS / 325 FLAT	43	5	140	15%	12%	-	Gold	03 98 11
DINA-PRS / 313 FLAT	43	8	140	15%	12%	-	Silver	03 97 12
DINA-PRS / 326 FLAT	43	8	140	15%	12%	-	Gold	03 98 12
DINA-PRS / 319 FLAT	53	-	150	19%	15%	-	Silver	03 97 80
DINA-PRS / 332 FLAT	53	-	150	19%	15%	-	Gold	03 98 80

INFO

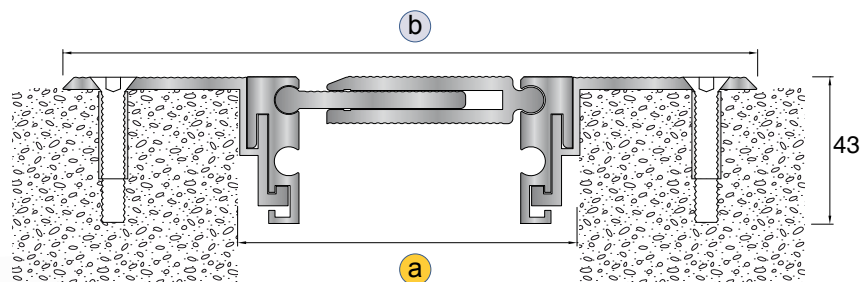
■ Sold by 3 m kit including : anodized aluminium profiles (silver or gold finish) ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
 ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium anodisé (naturel ou or) ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.
 ■ Voir accessoires en option pages 42-43.

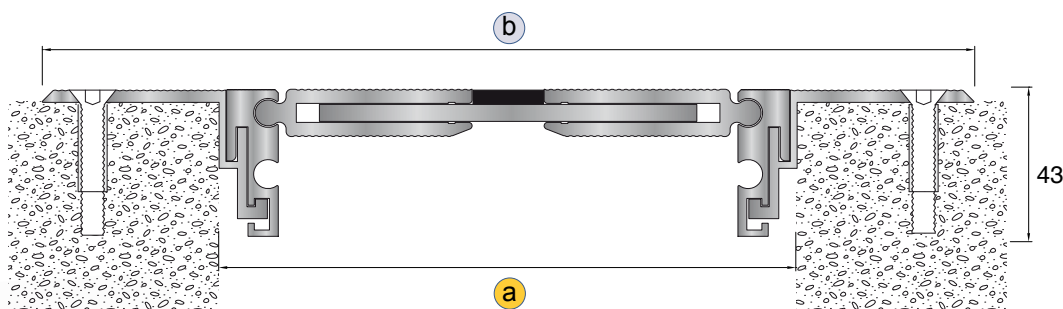
SYSTÈMES POUR JOINT DE DILATATION



TTM 3



TTM 3	a	b			Max duty in kN	Kit code
	mm	mm				
DINA-TTM3 / 001 FLAT	70	174	10%	10%	25	03 31 30
DINA-TTM3 / 002 FLAT	100	204	8%	10%	25	03 31 31
DINA-TTM3 / 003 FLAT	120	224	13%	10%	25	03 31 32
DINA-TTM3 / 004 FLAT	140	244	18%	10%	25	03 31 33
DINA-TTM3 / 005 FLAT	150	254	12%	10%	25	03 31 34
DINA-TTM3 / 006 FLAT	170	274	8%	10%	25	03 31 35
DINA-TTM3 / 007 FLAT	200	304	12%	10%	25	03 31 36



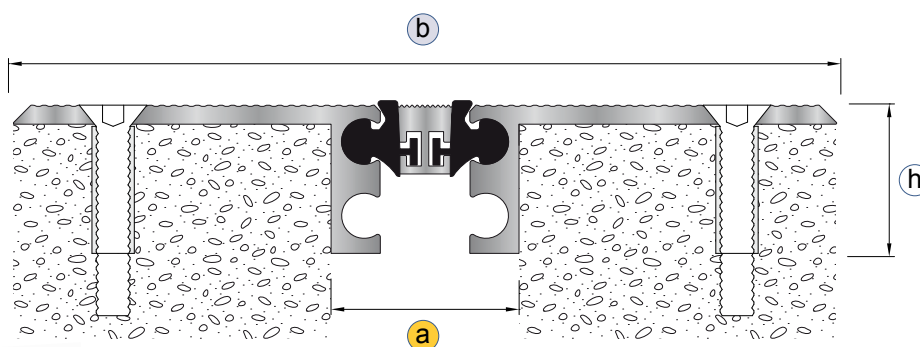
TTM 3	a	b			Max duty in kN	Kit code
	mm	mm				
DINA-TTM3 / 008 FLAT	100	204	8%	10%	25	03 31 37
DINA-TTM3 / 009 FLAT	120	224	8%	10%	25	03 31 38
DINA-TTM3 / 010 FLAT	140	244	7%	10%	25	03 31 39
DINA-TTM3 / 011 FLAT	150	250	8%	10%	25	03 31 40
DINA-TTM3 / 012 FLAT	160	264	8%	10%	25	03 31 41
DINA-TTM3 / 013 FLAT	180	284	8%	10%	25	03 31 42
DINA-TTM3 / 014 FLAT	200	304	8%	10%	25	03 31 43

INFO

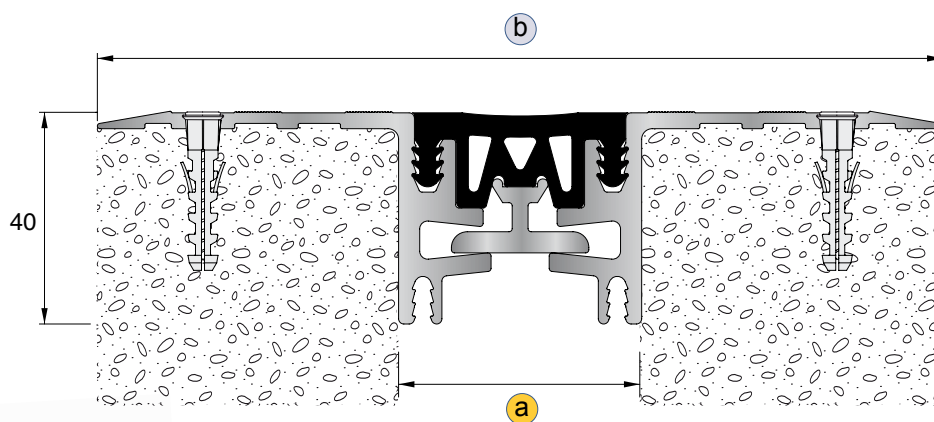
- Sold by 3 m kit including : mill finish aluminium profiles ; flexible EPDM joint (black) ; hardware (screws, bolts, ...).
- See accessories on pages 42-43.
- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple EPDM (coloris noir) ; la visserie.
- Voir accessoires en option pages 42-43.

EXPANSION JOINT SYSTEMS

CLR 1



CLR 1	a mm	h mm	b mm			Max duty in kN	Metal finishing	Kit code
DINA-CLR1 / 033 FLAT	35	28	155	6%	10%	120	Silver	03 76 14



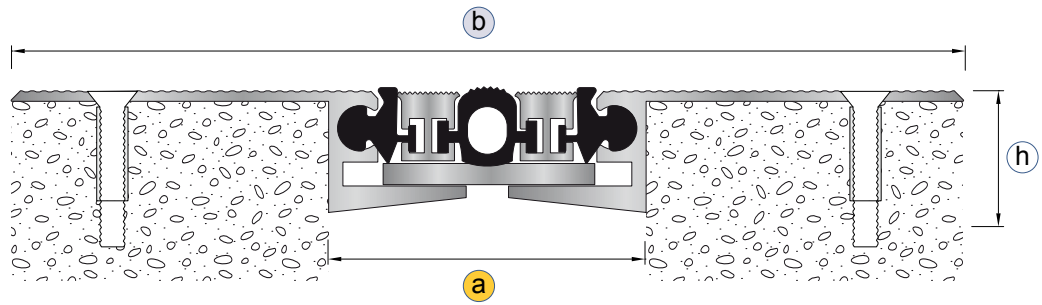
CLR 1	a mm	b mm			Max duty in kN	Metal finishing	Kit code
DINA-CLR1 / 005 FLAT	47	160	19%	17%	190	Silver	03 76 10
DINA-CLR1 / 013 FLAT	47	160	19%	17%	190	Gold	03 77 10
DINA-CLR1 / 021 FLAT	57	170	18%	14%	190	Silver	03 78 10
DINA-CLR1 / 029 FLAT	57	170	18%	14%	190	Gold	03 79 10

INFO

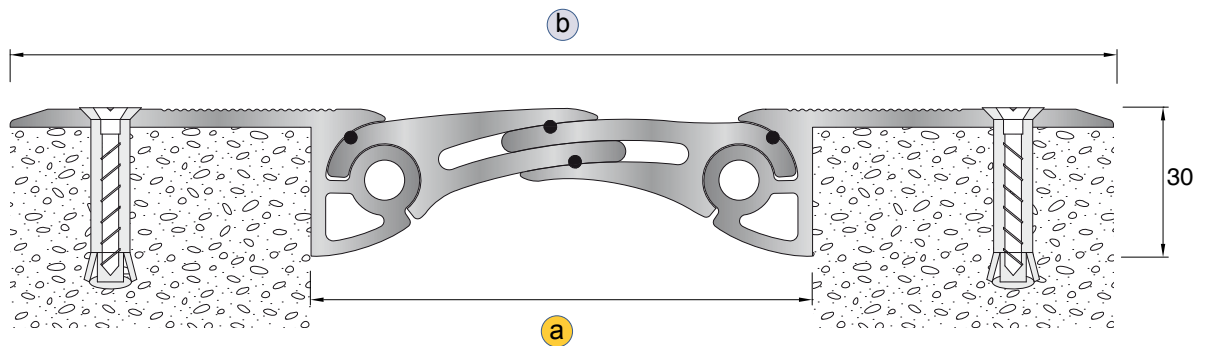
■ Sold by 3 m kit including : anodized aluminium profiles (silver or gold finish) ; flexible PVC or EPDM rubber joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors). ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium anodisé (naturel ou or) ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

■ Voir accessoires en option pages 42-43.



CLR 1	a	h	b			Max duty in kN	Kit code
	mm	mm	mm	7%	10%		
DINA-CLR1 / 034 FLAT	60	35	200	7%	10%	90	03 76 15
DINA-CLR1 / 035 FLAT	80	43	178	5%	10%	50	03 76 16



CLR 1	a	b			Max duty in kN	Kit code
	mm	mm	12%	5%		
DINA-CLR1 / 036 FLAT	100	220	12%	5%	90	03 76 17
DINA-CLR1 / 037 FLAT	120	240	13%	4%	90	03 76 18
DINA-CLR1 / 038 FLAT	150	270	15%	3%	60	03 76 19

INFO

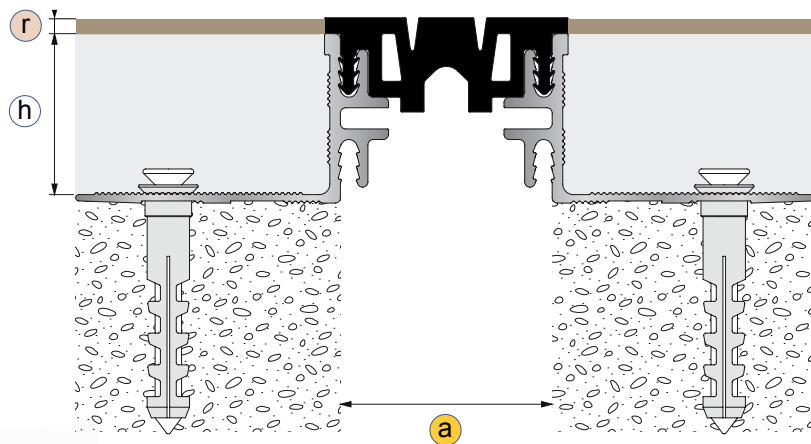
■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible EPDM joint (black) ; hardware (screws, bolts, ...). ■ See optional accessories on page 42-43.

■ Vendu en kit de 3 mètres comprenant : les profilés aluminium anodisé ; le joint souple EPDM (coloris noir) ; la visserie. ■ Voir accessoires en option pages 42-43.










EXPANSION JOINT SYSTEMS

PES 1



PES 1

	a mm	h mm	r mm			Max duty in kN	Kit code
DINA-PES1 / 327 FLAT	14	3	-	18%	14%	7	03 48 06
DINA-PES1 / 281 FLAT	14	23,5	-	18%	14%	7	03 17 06
DINA-PES1 / 329 FLAT	20	3	-	20%	15%	7	03 48 08
DINA-PES1 / 005 FLAT	20	18	-	20%	15%	7	03 00 20
DINA-PES1 / 009 FLAT	20	18	3	20%	15%	7	03 00 30
DINA-PES1 / 283 FLAT	20	23,5	-	20%	15%	7	03 17 08
DINA-PES1 / 285 FLAT	20	23,5	3	20%	15%	7	03 17 16
DINA-PES1 / 018 FLAT	20	30	-	20%	15%	7	03 01 20
DINA-PES1 / 022 FLAT	20	30	3	20%	15%	7	03 01 30
DINA-PES1 / 031 FLAT	20	40	-	20%	15%	7	03 02 20
DINA-PES1 / 035 FLAT	20	40	3	20%	15%	7	03 02 30
DINA-PES1 / 044 FLAT	20	50	-	20%	15%	7	03 03 20
DINA-PES1 / 048 FLAT	20	50	3	20%	15%	7	03 03 30
DINA-PES1 / 057 FLAT	20	70	-	20%	15%	7	03 04 20
DINA-PES1 / 061 FLAT	20	70	3	20%	15%	7	03 04 30
DINA-PES1 / 330 FLAT	30	3	-	17%	13%	7	03 48 17
DINA-PES1 / 070 FLAT	30	18	-	17%	13%	7	03 05 20
DINA-PES1 / 074 FLAT	30	18	3	17%	13%	7	03 05 30
DINA-PES1 / 078 FLAT	30	18	5	17%	13%	7	03 05 50
DINA-PES1 / 286 FLAT	30	23,5	-	17%	13%	7	03 17 17
DINA-PES1 / 288 FLAT	30	23,5	3	17%	13%	7	03 17 19
DINA-PES1 / 289 FLAT	30	23,5	5	17%	13%	7	03 17 26
DINA-PES1 / 084 FLAT	30	30	-	17%	13%	7	03 06 20
DINA-PES1 / 088 FLAT	30	30	3	17%	13%	7	03 06 30
DINA-PES1 / 092 FLAT	30	30	5	17%	13%	7	03 06 50

PES 1						Max duty in kN	Kit code
	mm	mm	mm	17%	13%		
DINA-PES1 / 098 FLAT	30	40	-	17%	13%	7	03 07 20
DINA-PES1 / 102 FLAT	30	40	3	17%	13%	7	03 07 30
DINA-PES1 / 106 FLAT	30	40	5	17%	13%	7	03 07 50
DINA-PES1 / 112 FLAT	30	50	-	17%	13%	7	03 08 20
DINA-PES1 / 116 FLAT	30	50	3	17%	13%	7	03 08 30
DINA-PES1 / 120 FLAT	30	50	5	17%	13%	7	03 08 50
DINA-PES1 / 126 FLAT	30	70	-	17%	13%	7	03 09 20
DINA-PES1 / 129 FLAT	30	70	3	17%	13%	7	03 09 30
DINA-PES1 / 133 FLAT	30	70	5	17%	13%	7	03 09 50

DINA-PES1 / 332 FLAT	40	3	-	16%	13%	7	03 48 28
DINA-PES1 / 139 FLAT	40	18	-	16%	13%	7	03 10 20
DINA-PES1 / 143 FLAT	40	18	3	16%	13%	7	03 10 30
DINA-PES1 / 147 FLAT	40	18	5	16%	13%	7	03 10 40
DINA-PES1 / 151 FLAT	40	18	8	16%	13%	7	03 10 50
DINA-PES1 / 291 FLAT	40	23,5	-	16%	13%	7	03 17 28
DINA-PES1 / 292 FLAT	40	23,5	3	16%	13%	7	03 17 29
DINA-PES1 / 293 FLAT	40	23,5	5	16%	13%	7	03 17 36
DINA-PES1 / 294 FLAT	40	23,5	8	16%	13%	7	03 17 37
DINA-PES1 / 159 FLAT	40	30	-	16%	13%	7	03 11 20
DINA-PES1 / 163 FLAT	40	30	3	16%	13%	7	03 11 30
DINA-PES1 / 167 FLAT	40	30	5	16%	13%	7	03 11 40
DINA-PES1 / 171 FLAT	40	30	8	16%	13%	7	03 11 50
DINA-PES1 / 179 FLAT	40	40	-	16%	13%	7	03 12 20
DINA-PES1 / 183 FLAT	40	40	3	16%	13%	7	03 12 30
DINA-PES1 / 187 FLAT	40	40	5	16%	13%	7	03 12 40
DINA-PES1 / 191 FLAT	40	40	8	16%	13%	7	03 12 50
DINA-PES1 / 199 FLAT	40	50	-	16%	13%	7	03 13 20
DINA-PES1 / 203 FLAT	40	50	3	16%	13%	7	03 13 30
DINA-PES1 / 207 FLAT	40	50	5	16%	13%	7	03 13 40
DINA-PES1 / 211 FLAT	40	50	8	16%	13%	7	03 13 50
DINA-PES1 / 219 FLAT	40	70	-	16%	13%	7	03 14 20
DINA-PES1 / 223 FLAT	40	70	3	16%	13%	7	03 14 30
DINA-PES1 / 227 FLAT	40	70	5	16%	13%	7	03 14 40
DINA-PES1 / 231 FLAT	40	70	8	16%	13%	7	03 14 50

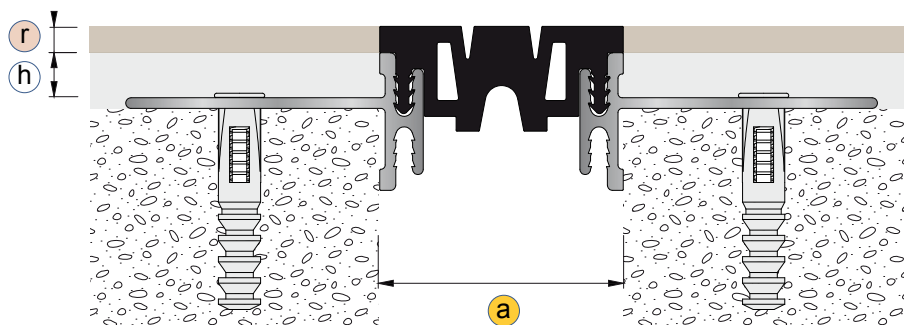
DINA-PES1 / 242 FLAT	50	3	-	13%	10%	7	03 14 70
DINA-PES1 / 243 FLAT	50	18	-	13%	10%	7	03 14 71
DINA-PES1 / 244 FLAT	50	23,5	-	13%	10%	7	03 14 72
DINA-PES1 / 245 FLAT	50	30	-	13%	10%	7	03 14 73
DINA-PES1 / 246 FLAT	50	40	-	13%	10%	7	03 14 74
DINA-PES1 / 247 FLAT	50	50	-	13%	10%	7	03 14 75
DINA-PES1 / 248 FLAT	50	70	-	13%	10%	7	03 14 76



INFO

■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors). ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

■ Voir accessoires en option pages 42-43.



<div style="border: 1px solid black; padding: 2px; display: inline-block;">PES 1</div>	a	h	r			Max duty in kN	Kit code
	mm	mm	mm				
DINA-PES1 / 251 FLAT reversible	14	8,5 / 15,5	-	18%	14%	7	03 15 06
DINA-PES1 / 267 FLAT reversible	14	10,5 / 13,5	-	18%	14%	7	03 16 06
DINA-PES1 / 253 FLAT reversible	20	8,5 / 15,5	-	20%	15%	7	03 15 08
DINA-PES1 / 255 FLAT reversible	20	8,5 / 15,5	3	20%	15%	7	03 15 16
DINA-PES1 / 268 FLAT reversible	20	10,5 / 13,5	-	20%	15%	7	03 16 08
DINA-PES1 / 270 FLAT reversible	20	10,5 / 13,5	3	20%	15%	7	03 16 16
DINA-PES1 / 256 FLAT reversible	30	8,5 / 15,5	-	17%	13%	7	03 15 17
DINA-PES1 / 258 FLAT reversible	30	8,5 / 15,5	3	17%	13%	7	03 15 19
DINA-PES1 / 259 FLAT reversible	30	8,5 / 15,5	5	17%	13%	7	03 15 26
DINA-PES1 / 271 FLAT reversible	30	10,5 / 13,5	-	17%	13%	7	03 16 17
DINA-PES1 / 273 FLAT reversible	30	10,5 / 13,5	3	17%	13%	7	03 16 19
DINA-PES1 / 274 FLAT reversible	30	10,5 / 13,5	5	17%	13%	7	03 16 26
DINA-PES1 / 262 FLAT reversible	40	8,5 / 15,5	3	16%	13%	7	03 15 29
DINA-PES1 / 263 FLAT reversible	40	8,5 / 15,5	5	16%	13%	7	03 15 36
DINA-PES1 / 264 FLAT reversible	40	8,5 / 15,5	8	16%	13%	7	03 15 37
DINA-PES1 / 276 FLAT reversible	40	10,5 / 13,5	-	16%	13%	7	03 16 28
DINA-PES1 / 277 FLAT reversible	40	10,5 / 13,5	3	16%	13%	7	03 16 29
DINA-PES1 / 278 FLAT equerre reversible	40	10,5 / 13,5	5	16%	13%	7	03 16 36
DINA-PES1 / 279 FLAT reversible	40	10,5 / 13,5	8	16%	13%	7	03 16 37

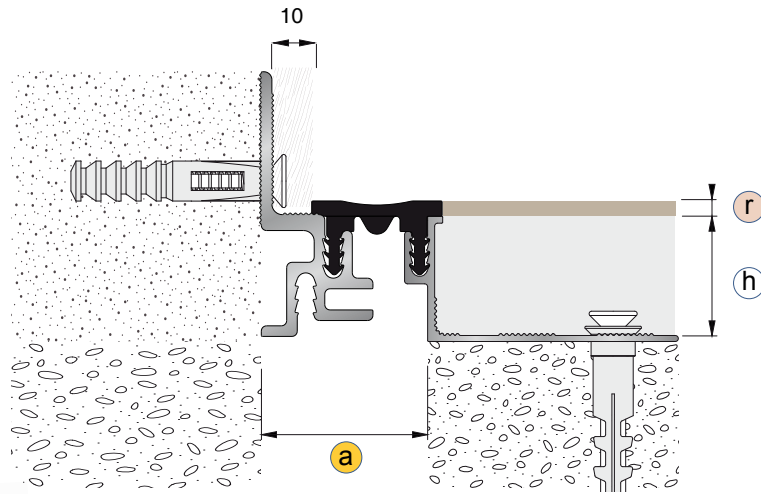
INFO

■ Sold by 3 m kit including : mill finish aluminium reversible profiles ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).

■ See optional accessories on pages 42-43.



■ Vendu en kit de 3 m comprenant : les profilés réversibles aluminium brut ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

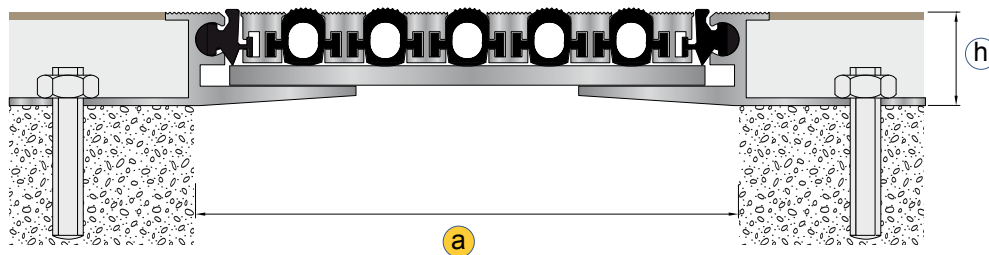
■ Voir accessoires en option pages 42-43.





PES 1	a mm	h mm	r mm	Direction		Max duty in kN	Kit code
				↔	↕		
DINA-PES1/337 ANGLE	32	18	-	13%	9%	-	03 50 20
DINA-PES1/341 ANGLE	32	18	3	13%	9%	-	03 50 30
DINA-PES1/297 ANGLE	32	23,5	-	13%	9%	-	03 18 08
DINA-PES1/299 ANGLE	32	23,5	3	13%	9%	-	03 18 16
DINA-PES1/354 ANGLE	32	30	-	13%	9%	-	03 51 20
DINA-PES1/358 ANGLE	32	30	3	13%	9%	-	03 51 30
DINA-PES1/367 ANGLE	32	40	-	13%	9%	-	03 52 20
DINA-PES1/371 ANGLE	32	40	3	13%	9%	-	03 52 30
DINA-PES1/380 ANGLE	32	50	-	13%	9%	-	03 53 20
DINA-PES1/384 ANGLE	32	50	3	13%	9%	-	03 53 30
DINA-PES1/393 ANGLE	32	70	-	13%	9%	-	03 54 20
DINA-PES1/397 ANGLE	32	70	3	13%	9%	-	03 54 30
DINA-PES1/406 ANGLE	42	18	-	12%	10%	-	03 55 20
DINA-PES1/410 ANGLE	42	18	3	12%	10%	-	03 55 30
DINA-PES1/346 ANGLE	42	18	5	12%	10%	-	03 50 50
DINA-PES1/300 ANGLE	42	23,5	-	12%	10%	-	03 18 17
DINA-PES1/302 ANGLE	42	23,5	3	12%	10%	-	03 18 19
DINA-PES1/303 ANGLE	42	23,5	5	12%	10%	-	03 18 26
DINA-PES1/418 ANGLE	42	30	-	12%	10%	-	03 56 20
DINA-PES1/422 ANGLE	42	30	3	12%	10%	-	03 56 30
DINA-PES1/426 ANGLE	42	30	5	12%	10%	-	03 56 50
DINA-PES1/434 ANGLE	42	40	-	12%	10%	-	03 57 20
DINA-PES1/438 ANGLE	42	40	3	12%	10%	-	03 57 30
DINA-PES1/442 ANGLE	42	40	5	12%	10%	-	03 57 50
DINA-PES1/450 ANGLE	42	50	-	12%	10%	-	03 58 20
DINA-PES1/454 ANGLE	42	50	3	12%	10%	-	03 58 30
DINA-PES1/458 ANGLE	42	50	5	12%	10%	-	03 58 50
DINA-PES1/466 ANGLE	42	70	-	12%	10%	-	03 59 20
DINA-PES1/470 ANGLE	42	70	3	12%	10%	-	03 59 30
DINA-PES1/474 ANGLE	42	70	5	12%	10%	-	03 59 50
DINA-PES1/482 ANGLE	52	18	-	13%	10%	-	03 60 20
DINA-PES1/486 ANGLE	52	18	3	13%	10%	-	03 60 30
DINA-PES1/490 ANGLE	52	18	5	13%	10%	-	03 60 40
DINA-PES1/494 ANGLE	52	18	8	13%	10%	-	03 60 50
DINA-PES1/305 ANGLE	52	23,5	-	13%	13%	-	03 18 28
DINA-PES1/306 ANGLE	52	23,5	3	13%	13%	-	03 18 29

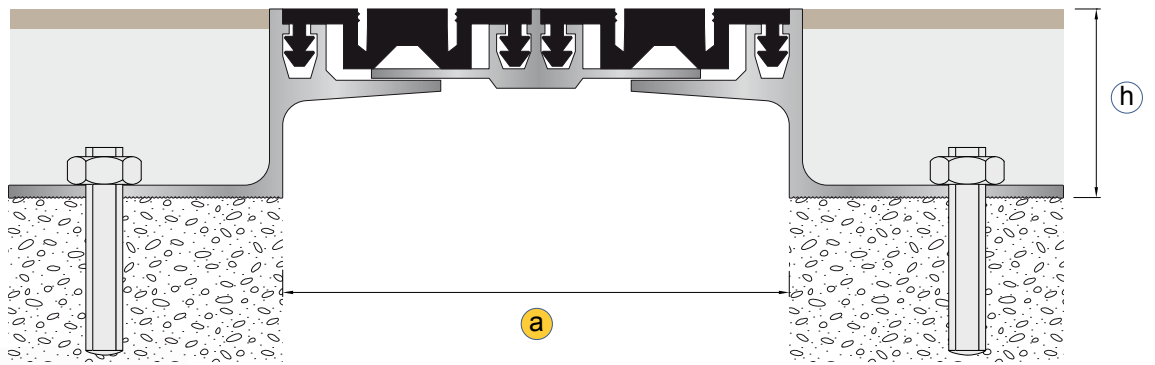
PES 1

	a mm	h mm	r mm			Max duty in kN	Kit code
DINA-PES1/307 ANGLE	52	23,5	5	13%	13%	-	03 18 36
DINA-PES1/308 ANGLE	52	23,5	8	13%	13%	-	03 18 37
DINA-PES1/502 ANGLE	52	30	-	13%	10%	-	03 61 20
DINA-PES1/506 ANGLE	52	30	3	13%	10%	-	03 61 30
DINA-PES1/510 ANGLE	52	30	5	13%	10%	-	03 61 40
DINA-PES1/514 ANGLE	52	30	8	13%	10%	-	03 61 50
DINA-PES1/522 ANGLE	52	40	-	13%	10%	-	03 62 20
DINA-PES1/526 ANGLE	52	40	3	13%	10%	-	03 62 30
DINA-PES1/530 ANGLE	52	40	5	13%	10%	-	03 62 40
DINA-PES1/534 ANGLE	52	40	8	13%	10%	-	03 62 50
DINA-PES1/542 ANGLE	52	50	-	13%	10%	-	03 63 20
DINA-PES1/546 ANGLE	52	50	3	13%	10%	-	03 63 30
DINA-PES1/550 ANGLE	52	50	5	13%	10%	-	03 63 40
DINA-PES1/554 ANGLE	52	50	8	13%	10%	-	03 63 50
DINA-PES1/562 ANGLE	52	70	-	13%	10%	-	03 64 20
DINA-PES1/566 ANGLE	52	70	3	13%	10%	-	03 64 30
DINA-PES1/570 ANGLE	52	70	5	13%	10%	-	03 64 40
DINA-PES1/574 ANGLE	52	70	8	13%	10%	-	03 64 50
DINA-PES1/349 ANGLE	62	18	-	16%	13%	-	03 50 80
DINA-PES1/643 ANGLE	62	23,5	-	16%	13%	-	03 18 39
DINA-PES1/429 ANGLE	62	30	-	16%	13%	-	03 56 80
DINA-PES1/445 ANGLE	62	40	-	16%	13%	-	03 57 80
DINA-PES1/461 ANGLE	62	50	-	16%	13%	-	03 58 80
DINA-PES1/477 ANGLE	62	70	-	16%	13%	-	03 59 80



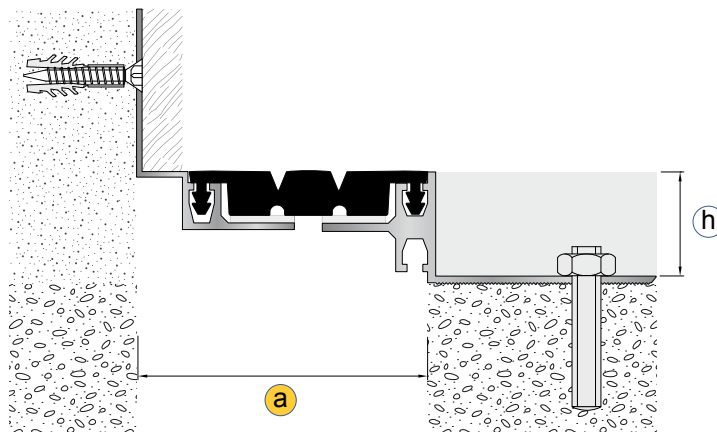
PES 1

	a mm	h mm	r mm			Max duty in kN	Kit code
DINA-PES1/619 FLAT	120	23	-	9%	4%	3,5	03 33 66
DINA-PES1/620 FLAT	140	24	-	9%	4%	3,5	03 33 67
DINA-PES1/621 FLAT	150	24	-	11%	3%	3,5	03 33 68
DINA-PES1/622 FLAT	160	24	-	9%	3%	3,5	03 33 69
DINA-PES1/623 FLAT	180	24	-	9%	3%	3,5	03 33 70
DINA-PES1/624 FLAT	200	43	-	9%	2%	3,5	03 33 71
DINA-PES1/625 FLAT	300	43	-	14%	2%	3,5	03 33 72
DINA-PES1/626 FLAT	400	43	-	11%	2%	3,5	03 33 73
DINA-PES1/627 FLAT	500	43	-	8%	2%	3,5	03 33 74



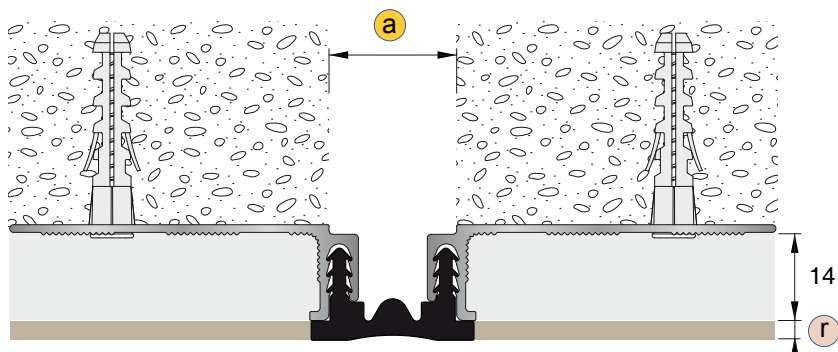
PES 1

	a mm	h mm			Max duty in kN	Kit code
DINA-PES1 / 640 FLAT	65	30	12%	10%	25	03 36 30
DINA-PES1 / 641 FLAT	65	45	12%	10%	25	03 36 31
DINA-PES1 / 642 FLAT	65	80	12%	10%	25	03 36 32
DINA-PES1 / 613 FLAT	80	30	12%	10%	25	03 33 60
DINA-PES1 / 614 FLAT	80	45	12%	10%	25	03 33 61
DINA-PES1 / 615 FLAT	80	80	12%	10%	25	03 33 62
DINA-PES1 / 616 FLAT	100	30	12%	10%	25	03 33 63
DINA-PES1 / 617 FLAT	100	45	12%	10%	25	03 33 64
DINA-PES1 / 618 FLAT	100	80	12%	10%	25	03 33 65



PES 1

	a mm	h mm			Max duty in kN	Kit code
DINA-PES1 / 628 ANGLE	65	30	10%	10%	-	03 33 87
DINA-PES1 / 629 ANGLE	65	45	10%	10%	-	03 33 88
DINA-PES1 / 630 ANGLE	65	80	10%	10%	-	03 33 89
DINA-PES1 / 631 ANGLE	80	30	10%	10%	-	03 33 90
DINA-PES1 / 632 ANGLE	80	45	10%	10%	-	03 33 91
DINA-PES1 / 633 ANGLE	80	80	10%	10%	-	03 33 92
DINA-PES1 / 634 ANGLE	100	30	14%	10%	-	03 33 93
DINA-PES1 / 635 ANGLE	100	45	14%	10%	-	03 33 94
DINA-PES1 / 636 ANGLE	100	80	14%	10%	-	03 33 95



PES 1

	a mm	r mm			Max duty in kN	Kit code
DINA-PES1/582 FLAT	14	-	18%	14%	-	03 90 10
DINA-PES1/584 FLAT	20	3	20%	15%	-	03 90 12
DINA-PES1/585 FLAT	20	-	20%	15%	-	03 90 20
DINA-PES1/594 FLAT	30	3	17%	13%	-	03 91 11
DINA-PES1/595 FLAT	30	5	17%	13%	-	03 91 12
DINA-PES1/596 FLAT	30	-	17%	13%	-	03 91 20
DINA-PES1/607 FLAT	40	-	16%	13%	-	03 92 20
DINA-PES1/604 FLAT	40	3	16%	13%	-	03 92 10
DINA-PES1/605 FLAT	40	5	16%	13%	-	03 92 11
DINA-PES1/606 FLAT	40	8	16%	13%	-	03 92 12
DINA-PES1/612 FLAT	50	-	20%	16%	-	03 92 80

INFO

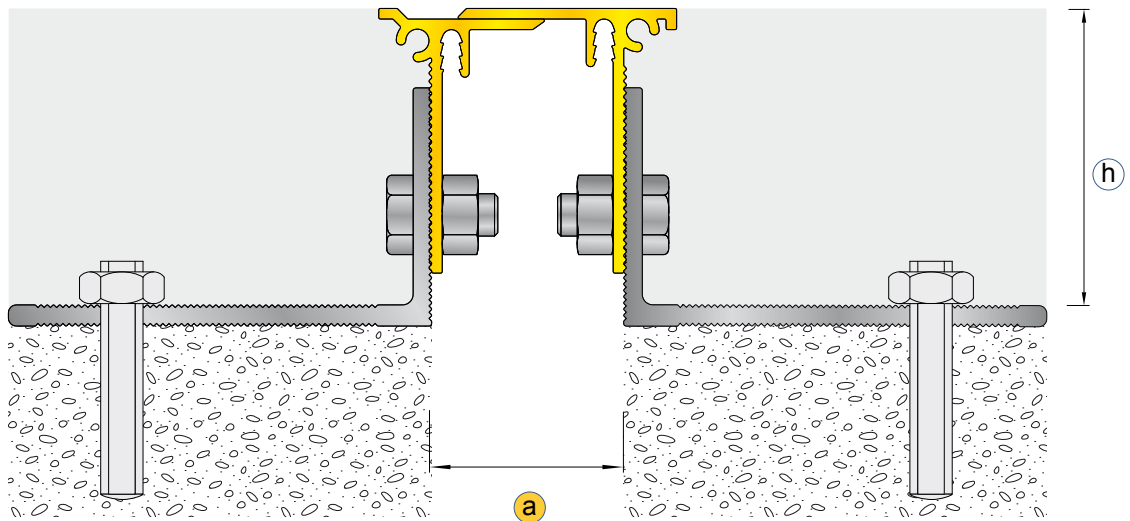
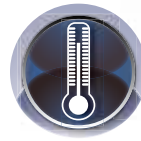
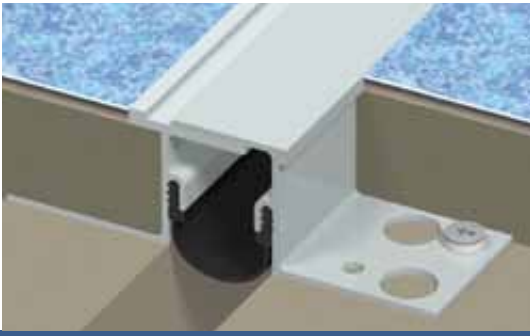
- Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC or EPDM rubber joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
- See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC ou EPDM (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

- Voir accessoires en option pages 42-43.



SYSTÈMES POUR JOINT DE DILATATION



DINA-TGV/019 FLAT



	a mm	h mm			Max duty in kN	Material	Kit code
DINA-TGV / 020 FLAT	15	22	27%	0%	190	Polished finish brass	03 75 60
DINA-TGV / 017 FLAT	33	40	30%	0%	190	Mill finish aluminium	03 75 50
DINA-TGV / 019 FLAT	36	51 à 71	19%	0%	190	Mill finish brass / alu.	03 75 51

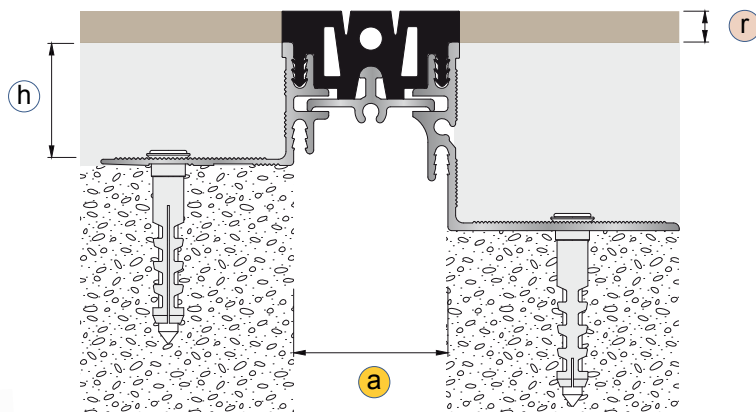
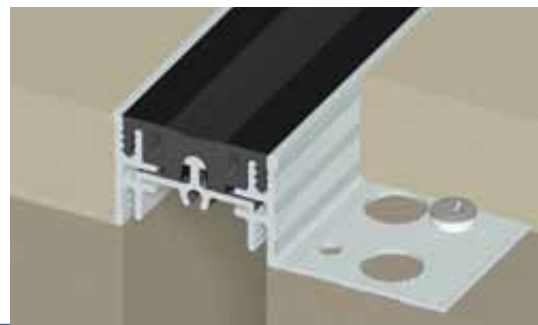
INFO

- Sold by 3 m kit including : aluminium or brass profiles ; hardware (screws, bolts, ...).
- See optional accessories on pages 42-43.

- Vendu en kit de 3 m comprenant : les profilés aluminium brut ou laiton poli ; la visserie.
- Voir accessoires en option pages 42-43.

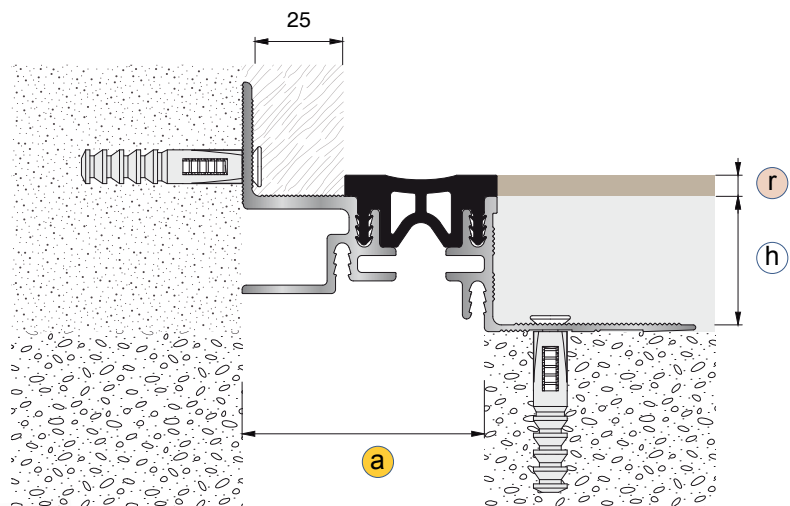
EXPANSION JOINT SYSTEMS

PESQ





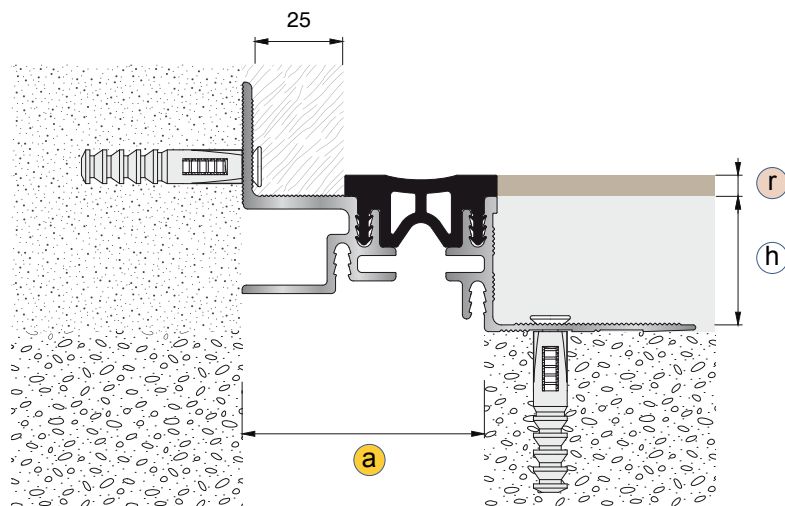
PESQ

	a mm	h mm	r mm			Max duty in kN	Kit code
DINA-PESQ / 005 FLAT	40	18	-	16%	13%	30	03 20 20
DINA-PESQ / 009 FLAT	40	18	3	16%	13%	30	03 20 30
DINA-PESQ / 013 FLAT	40	18	5	16%	13%	30	03 20 40
DINA-PESQ / 017 FLAT	40	18	8	16%	13%	30	03 20 50
DINA-PESQ / 027 FLAT	40	30	-	16%	13%	30	03 21 20
DINA-PESQ / 031 FLAT	40	30	3	16%	13%	30	03 21 30
DINA-PESQ / 035 FLAT	40	30	5	16%	13%	30	03 21 40
DINA-PESQ / 039 FLAT	40	30	8	16%	13%	30	03 21 50
DINA-PESQ / 049 FLAT	40	40	-	16%	13%	30	03 22 20
DINA-PESQ / 053 FLAT	40	40	3	16%	13%	30	03 22 30
DINA-PESQ / 057 FLAT	40	40	5	16%	13%	30	03 22 40
DINA-PESQ / 061 FLAT	40	40	8	16%	13%	30	03 22 50
DINA-PESQ / 071 FLAT	40	50	-	16%	13%	30	03 23 20
DINA-PESQ / 075 FLAT	40	50	3	16%	13%	30	03 23 30
DINA-PESQ / 079 FLAT	40	50	5	16%	13%	30	03 23 40
DINA-PESQ / 083 FLAT	40	50	8	16%	13%	30	03 23 50
DINA-PESQ / 093 FLAT	40	70	-	16%	13%	30	03 24 20
DINA-PESQ / 097 FLAT	40	70	3	16%	13%	30	03 24 30
DINA-PESQ / 101 FLAT	40	70	5	16%	13%	30	03 24 40
DINA-PESQ / 105 FLAT	40	70	8	16%	13%	30	03 24 50
DINA-PESQ / 022 FLAT	50	18	-	13%	10%	30	03 20 80
DINA-PESQ / 044 FLAT	50	30	-	13%	10%	30	03 21 80
DINA-PESQ / 066 FLAT	50	40	-	13%	10%	30	03 22 80
DINA-PESQ / 088 FLAT	50	50	-	13%	10%	30	03 23 80
DINA-PESQ / 110 FLAT	50	70	-	13%	10%	30	03 24 80





PESQ

	a mm	h mm	r mm			Max duty in kN	Kit code
DINA-PESQ/193 ANGLE	47	18	-	9%	6%	-	03 19 08
DINA-PESQ/194 ANGLE	47	18	3	9%	6%	-	03 19 16
DINA-PESQ/113 ANGLE	47	23,5	-	9%	6%	-	03 25 08
DINA-PESQ/115 ANGLE	47	23,5	3	9%	6%	-	03 25 16
DINA-PESQ/129 ANGLE	47	30	-	9%	6%	-	03 26 08
DINA-PESQ/131 ANGLE	47	30	3	9%	6%	-	03 26 16
DINA-PESQ/145 ANGLE	47	40	-	9%	6%	-	03 27 08
DINA-PESQ/147 ANGLE	47	40	3	9%	6%	-	03 27 16
DINA-PESQ/162 ANGLE	47	50	-	9%	6%	-	03 28 08
DINA-PESQ/164 ANGLE	47	50	3	9%	6%	-	03 28 16
DINA-PESQ/178 ANGLE	47	70	-	9%	6%	-	03 29 08
DINA-PESQ/180 ANGLE	47	70	3	9%	6%	-	03 29 16
DINA-PESQ/195 ANGLE	57	18	-	9%	7%	-	03 19 17
DINA-PESQ/196 ANGLE	57	18	3	9%	7%	-	03 19 19
DINA-PESQ/197 ANGLE	57	18	5	9%	7%	-	03 19 26
DINA-PESQ/116 ANGLE	57	23,5	-	9%	7%	-	03 25 17
DINA-PESQ/118 ANGLE	57	23,5	3	9%	7%	-	03 25 19
DINA-PESQ/119 ANGLE	57	23,5	5	9%	7%	-	03 25 26
DINA-PESQ/132 ANGLE	57	30	-	9%	7%	-	03 26 17
DINA-PESQ/134 ANGLE	57	30	3	9%	7%	-	03 26 19
DINA-PESQ/135 ANGLE	57	30	5	9%	7%	-	03 26 26
DINA-PESQ/148 ANGLE	57	40	-	9%	7%	-	03 27 17
DINA-PESQ/150 ANGLE	57	40	3	9%	7%	-	03 27 19
DINA-PESQ/151 ANGLE	57	40	5	9%	7%	-	03 27 26
DINA-PESQ/165 ANGLE	57	50	-	9%	7%	-	03 28 17
DINA-PESQ/167 ANGLE	57	50	3	9%	7%	-	03 28 19
DINA-PESQ/168 ANGLE	57	50	5	9%	7%	-	03 28 26
DINA-PESQ/181 ANGLE	57	70	-	9%	7%	-	03 29 17
DINA-PESQ/183 ANGLE	57	70	3	9%	7%	-	03 29 19
DINA-PESQ/184 ANGLE	57	70	5	9%	7%	-	03 29 26
DINA-PESQ/199 ANGLE	67	18	-	10%	7%	-	03 19 28
DINA-PESQ/200 ANGLE	67	18	3	10%	7%	-	03 19 29
DINA-PESQ/201 ANGLE	67	18	5	10%	7%	-	03 19 36
DINA-PESQ/202 ANGLE	67	18	8	10%	7%	-	03 19 37
DINA-PESQ/121 ANGLE	67	23,5	-	10%	7%	-	03 25 28



PESQ

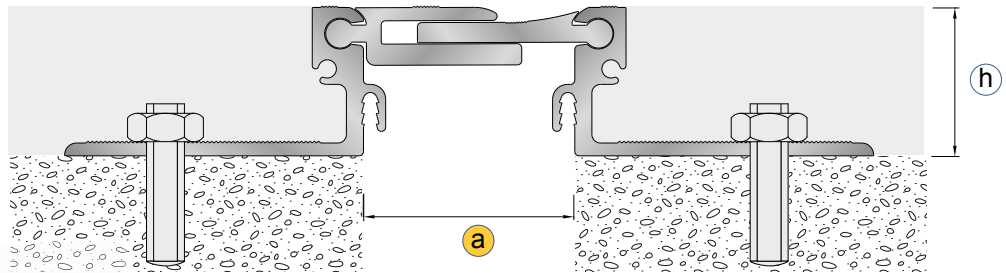
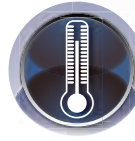
	a	h	r			Max duty in kN	Kit code
	mm	mm	mm				
DINA-PESQ/122 ANGLE	67	23,5	3	10%	7%	-	03 25 29
DINA-PESQ/123 ANGLE	67	23,5	5	10%	7%	-	03 25 36
DINA-PESQ/124 ANGLE	67	23,5	8	10%	7%	-	03 25 37
DINA-PESQ/137 ANGLE	67	30	-	10%	7%	-	03 26 28
DINA-PESQ/138 ANGLE	67	30	3	10%	7%	-	03 26 29
DINA-PESQ/139 ANGLE	67	30	5	10%	7%	-	03 26 36
DINA-PESQ/140 ANGLE	67	30	8	10%	7%	-	03 26 37
DINA-PESQ/153 ANGLE	67	40	-	10%	7%	-	03 27 28
DINA-PESQ/154 ANGLE	67	40	3	10%	7%	-	03 27 29
DINA-PESQ/155 ANGLE	67	40	5	10%	7%	-	03 27 36
DINA-PESQ/156 ANGLE	67	40	8	10%	7%	-	03 27 37
DINA-PESQ/170 ANGLE	67	50	-	10%	7%	-	03 28 28
DINA-PESQ/171 ANGLE	67	50	3	10%	7%	-	03 28 29
DINA-PESQ/172 ANGLE	67	50	5	10%	7%	-	03 28 36
DINA-PESQ/173 ANGLE	67	50	8	10%	7%	-	03 28 37
DINA-PESQ/186 ANGLE	67	70	-	10%	7%	-	03 29 28
DINA-PESQ/187 ANGLE	67	70	3	10%	7%	-	03 29 29
DINA-PESQ/189 ANGLE	67	70	5	10%	7%	-	03 29 36
DINA-PESQ/190 ANGLE	67	70	8	10%	7%	-	03 29 37
DINA-PESQ/203 ANGLE	77	18	-	13%	10%	-	03 19 39
DINA-PESQ/126 ANGLE	77	23,5	-	13%	10%	-	03 25 39
DINA-PESQ/142 ANGLE	77	30	-	13%	10%	-	03 26 39
DINA-PESQ/158 ANGLE	77	40	-	13%	10%	-	03 27 39
DINA-PESQ/175 ANGLE	77	50	-	13%	10%	-	03 28 39
DINA-PESQ/192 ANGLE	77	70	-	13%	10%	-	03 29 39

INFO

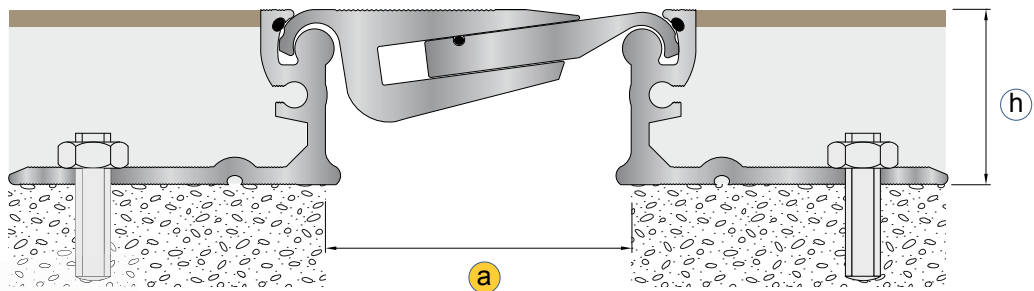
■ Sold by 3 m kit including : anodized aluminium profiles (silver or gold) ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
 ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium anodisé (naturel ou or) ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.
 ■ Voir accessoires en option pages 42-43.

SYSTÈMES POUR JOINT DE DILATATION



TTM 1	a mm	h mm	Movement		Max duty in kN	Kit code
			Horizontal	Vertical		
DINA-TTM1 / 001 FLAT	50	30	18%	10%	190	03 31 00
DINA-TTM1 / 002 FLAT	50	50	18%	10%	190	03 31 10
DINA-TTM1 / 003 FLAT	50	70	18%	10%	190	03 31 20



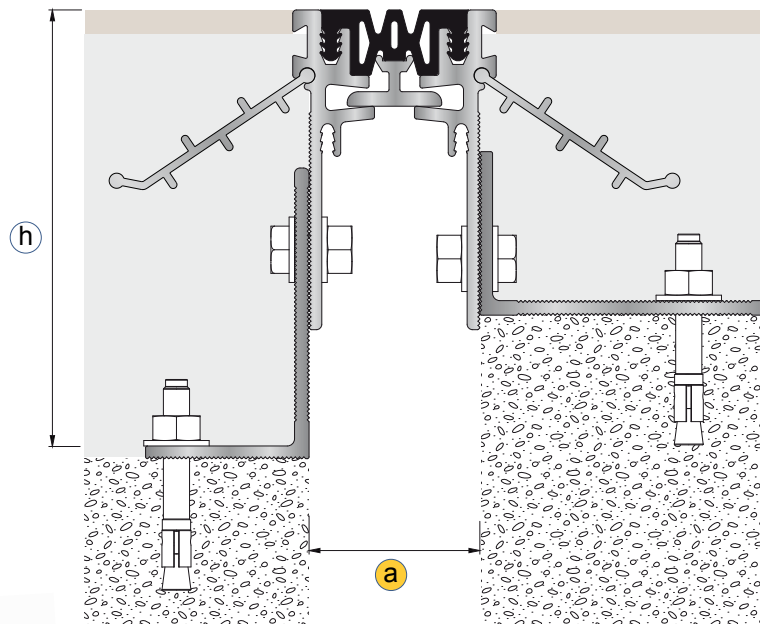
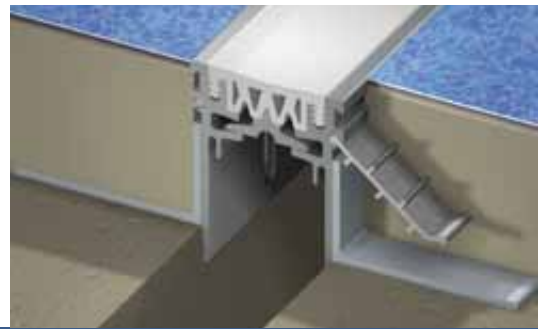
TTM 1	a mm	h mm	Movement		Max duty in kN	Kit code
			Horizontal	Vertical		
DINA-TTM1 / 004 FLAT	70	30	15%	10%	300	03 31 50
DINA-TTM1 / 005 FLAT	70	38	15%	10%	300	03 31 51
DINA-TTM1 / 006 FLAT	70	50	15%	10%	300	03 31 52
DINA-TTM1 / 007 FLAT	70	70	15%	10%	300	03 31 53
DINA-TTM1 / 008 FLAT	80	30	15%	10%	300	03 31 54
DINA-TTM1 / 009 FLAT	80	38	15%	10%	300	03 31 55
DINA-TTM1 / 010 FLAT	80	50	15%	10%	300	03 31 56
DINA-TTM1 / 011 FLAT	100	70	15%	10%	300	03 31 57
DINA-TTM1 / 012 FLAT	100	30	14%	10%	300	03 31 58
DINA-TTM1 / 013 FLAT	100	38	14%	10%	300	03 31 59
DINA-TTM1 / 014 FLAT	100	50	14%	10%	300	03 31 60
DINA-TTM1 / 015 FLAT	100	70	14%	10%	300	03 31 61
DINA-TTM1 / 016 FLAT	150	50	15%	10%	40	03 31 62

INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
- See accessories on pages 42-43.
- Vendu en kit de 3m comprenant : les profilés aluminium brut ; la visserie.
- Voir accessoires en option pages 42-43.

EXPANSION JOINT SYSTEMS

TTM 2



TTM 2

	a mm	h mm			Max duty in kN	Kit code
DINA-TTM2 / 005 FLAT	47	80 à 130	19%	17%	190	03 74 10
DINA-TTM2 / 024 FLAT	50	20	18%	10%	190	03 32 61
DINA-TTM2 / 009 FLAT	50	30	18%	10%	190	03 32 00
DINA-TTM2 / 018 FLAT	50	50	18%	10%	190	03 32 10
DINA-TTM2 / 022 FLAT	50	70	18%	10%	190	03 32 50
DINA-TTM2 / 014 FLAT	57	80 à 130	18%	14%	190	03 75 10

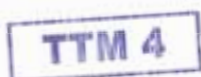
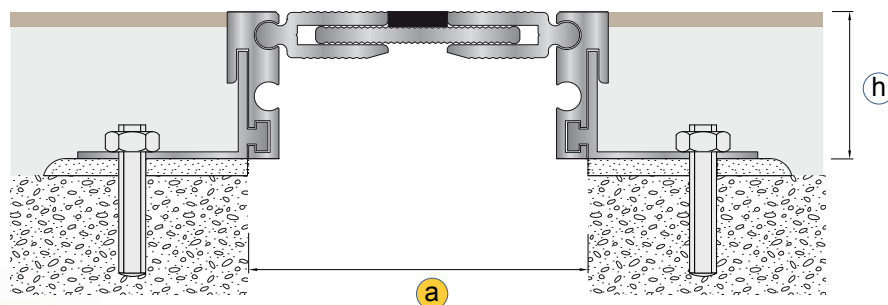
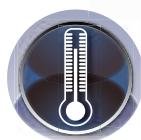
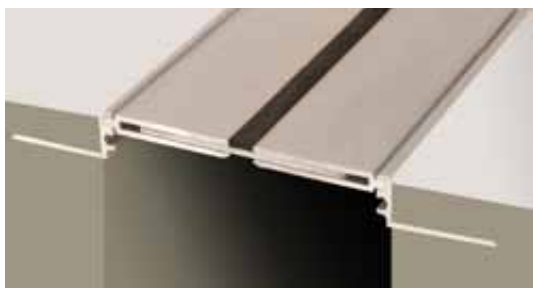
INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
- See optional accessories on pages 42-43.

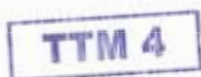
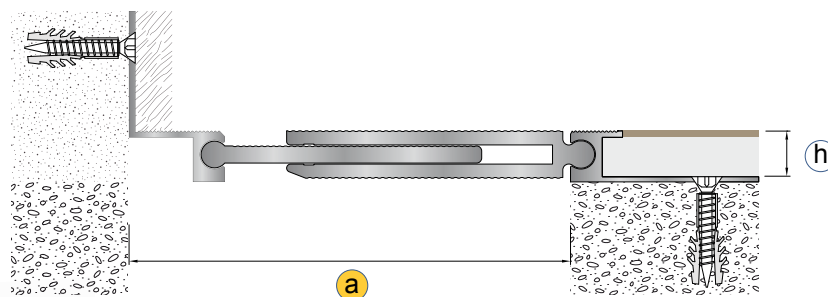
■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

- Voir accessoires en option pages 42-43.

SYSTÈMES POUR JOINT DE DILATATION



	a mm	h mm			Max duty in kN	Kit code
DINA-TTM4 / 001 FLAT	100	28	18%	10%	25	03 31 44
DINA-TTM4 / 002 FLAT	100	43	17%	10%	25	03 31 45
DINA-TTM4 / 003 FLAT	120	28	8%	10%	25	03 31 46
DINA-TTM4 / 004 FLAT	120	43	18%	10%	25	03 31 47
DINA-TTM4 / 005 FLAT	150	28	10%	10%	25	03 31 48
DINA-TTM4 / 006 FLAT	150	43	12%	10%	25	03 31 49



	a mm	h mm			Charge maxi en kN	Code Kit
DINA-TTM4 / 007 ANGLE	60	15	8%	10%	-	03 31 63
DINA-TTM4 / 008 ANGLE	80	15	15%	10%	-	03 31 64
DINA-TTM4 / 009 ANGLE	100	15	18%	10%	-	03 31 65
DINA-TTM4 / 010 ANGLE	150	15	12%	10%	-	03 31 66
DINA-TTM4 / 011 ANGLE	200	15	12%	10%	-	03 31 67

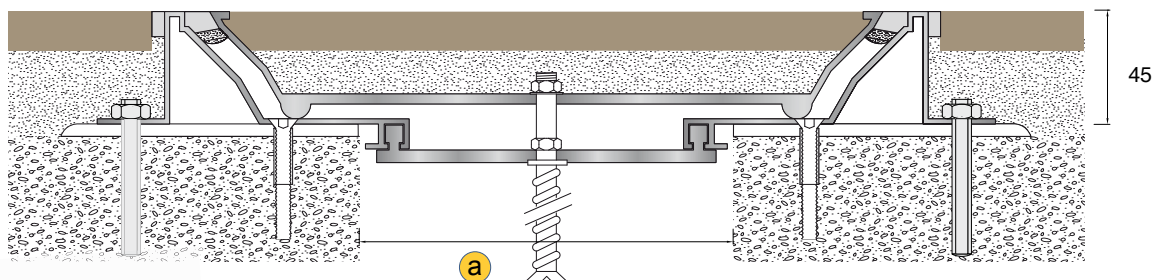
INFO

■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible EPDM joint (black) ; hardware (screws, bolts, ...). ■ See accessories on pages 42-43.

■ Vendu en kit de 3m comprenant : les profilés aluminium brut ; la joint souple EPDM ; la visserie. ■ Voir accessoires en option pages 42-43.

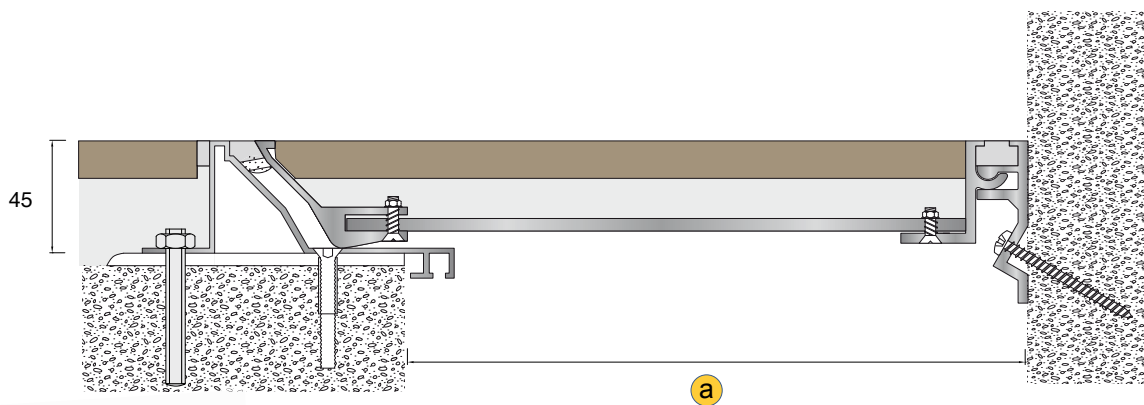
EXPANSION JOINT SYSTEMS

QUAKER



QUAKER

	a mm			Max duty in kN	Kit code
DINA-QUAKER/001 FLAT	100	45%	2%	3,5	03 30 30
DINA-QUAKER/002 FLAT	150	50%	2%	3,5	03 30 31
DINA-QUAKER/003 FLAT	200	53%	2%	3,5	03 30 32
DINA-QUAKER/004 FLAT	250	54%	2%	3,5	03 30 33



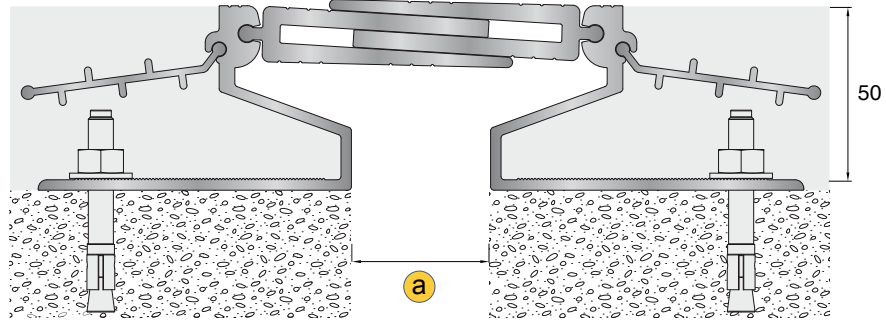
QUAKER

	a mm			Max duty in kN	Kit code
DINA-QUAKER/005 ANGLE	100	45%	2%	-	03 30 34
DINA-QUAKER/006 ANGLE	150	43%	2%	-	03 30 35
DINA-QUAKER/007 ANGLE	200	43%	2%	-	03 30 36
DINA-QUAKER/008 ANGLE	250	42%	2%	-	03 30 37

INFO

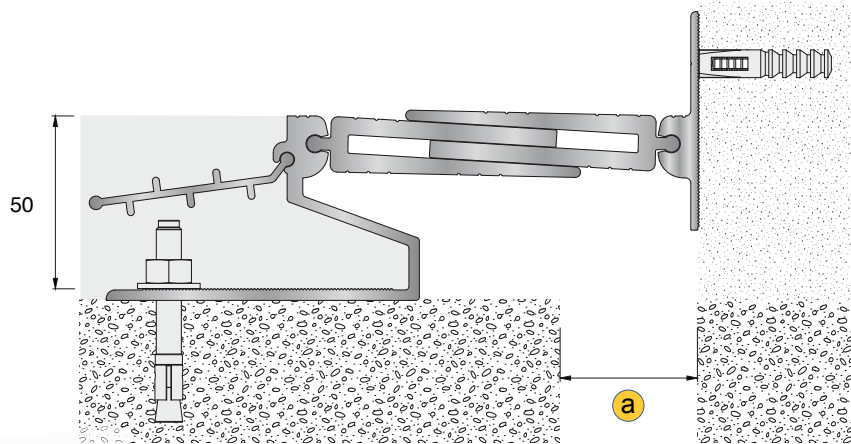
- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
 - See optional accessories on pages 42-43.
-
- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; la visserie.
 - Voir accessoires en option pages 42-43.

SYSTÈMES POUR JOINT DE DILATATION



SLIDER

	a mm			Max duty in kN	Kit code
DINA-SLIDER / 001 FLAT	40	50%	42%	25	03 30 82
DINA-SLIDER / 002 FLAT	70	50%	34%	25	03 30 84
DINA-SLIDER / 003 FLAT	100	50%	30%	25	03 30 85



SLIDER

	a mm			Max duty in kN	Kit code
DINA-SLIDER / 004 ANGLE	40	50%	42%	-	03 30 87
DINA-SLIDER / 005 ANGLE	70	50%	34%	-	03 30 89
DINA-SLIDER / 006 ANGLE	100	50%	30%	-	03 30 90

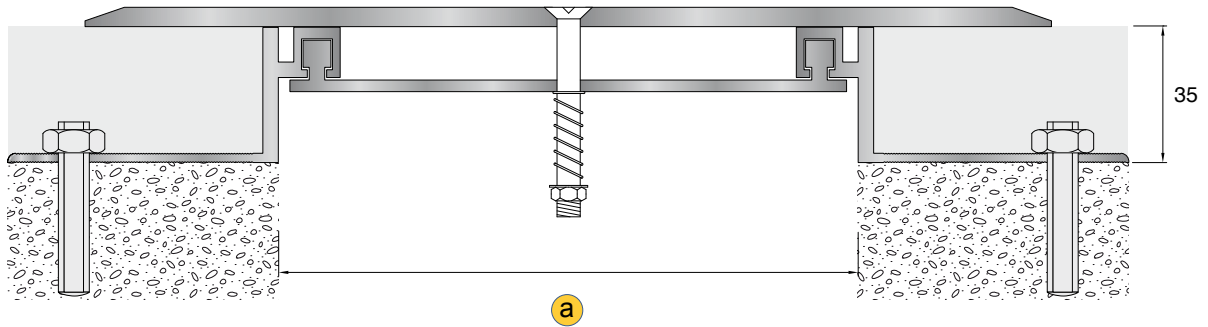
INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
- See optional accessories on pages 42-43.
- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; la visserie.
- Voir accessoires en option pages 42-43.



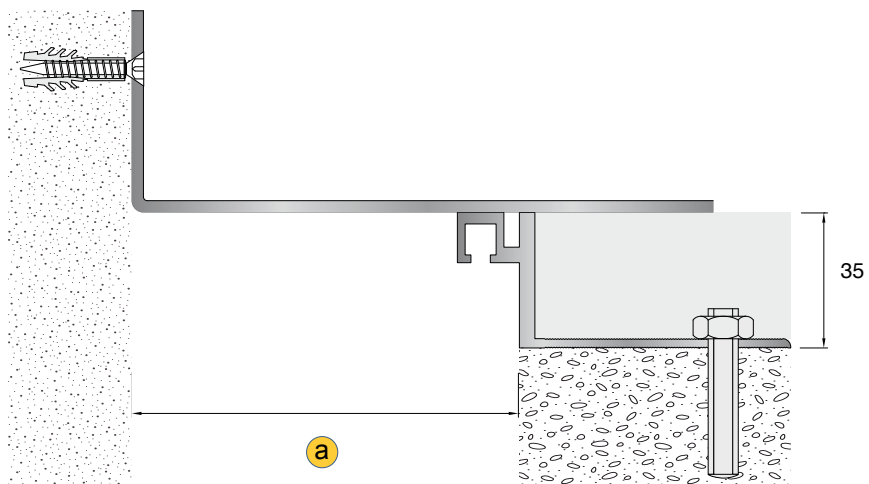
EXPANSION JOINT SYSTEMS

SHAKER



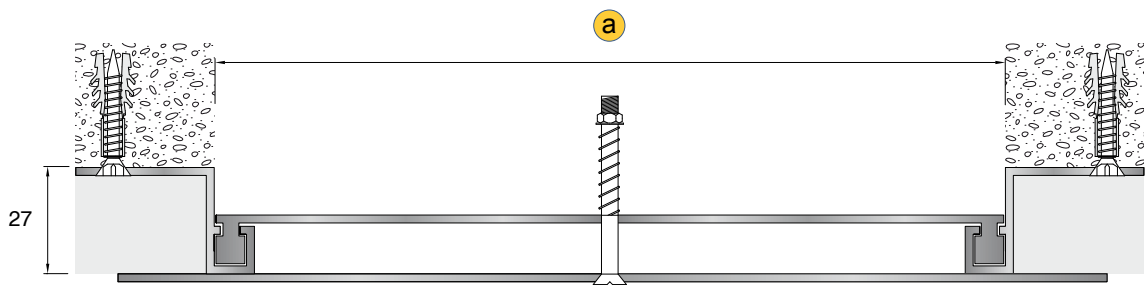
SHAKER



	a mm			Max duty in kN	Kit code
DINA-SHAKER / 001 FLAT	100	41%	2%	25	03 30 00
DINA-SHAKER / 002 FLAT	150	50%	2%	3,5	03 30 01

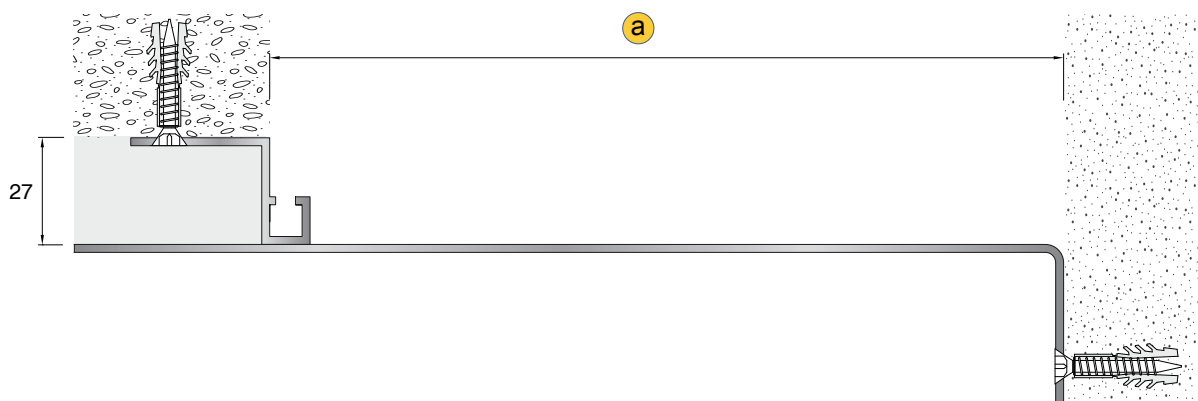




SHAKER

	a mm			Max duty in kN	Kit code
DINA-SHAKER / 003 ANGLE	100	36%	0%	-	03 30 03
DINA-SHAKER / 004 ANGLE	150	42%	0%	-	03 30 04



SHAKER	a			Max duty in kN	Kit code
	mm				
DINA-SHAKER /006 FLAT	100	42%	2%	-	03 30 05
DINA-SHAKER /005 FLAT	150	53%	2%	-	03 30 06
DINA-SHAKER /007 FLAT	200	60%	2%	-	03 30 07



SHAKER	a			Max duty in kN	Kit code
	mm				
DINA-SHAKER /011 ANGLE	50	45%	0%	-	03 30 02
DINA-SHAKER /008 ANGLE	100	38%	0%	-	03 30 08
DINA-SHAKER /009 ANGLE	150	53%	0%	-	03 30 09
DINA-SHAKER /010 ANGLE	200	50%	0%	-	03 30 10

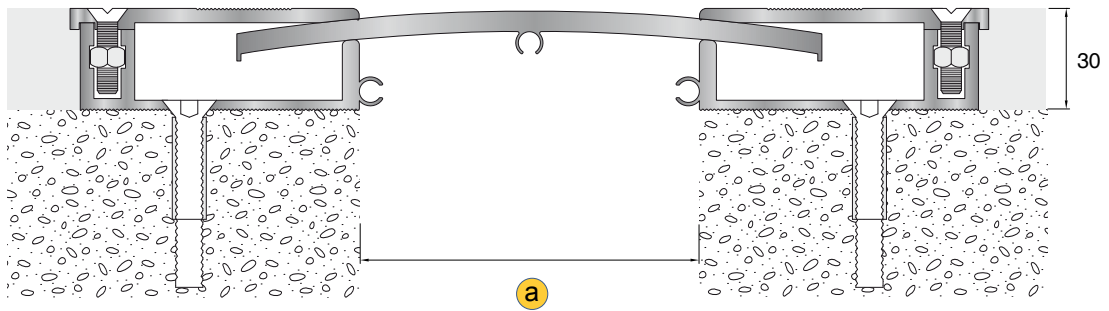
INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
- See optional accessories on pages 42-43.

- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; la visserie.
- Voir accessoires en option pages 42-43.

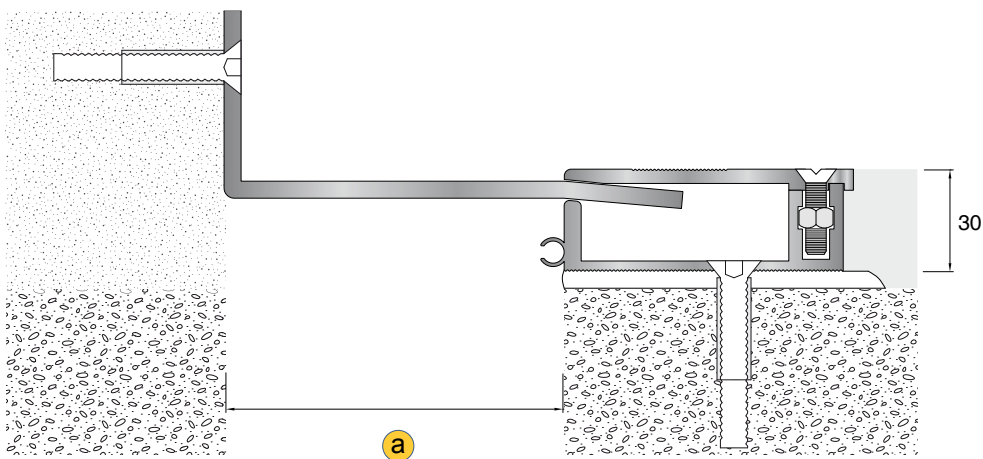
EXPANSION JOINT SYSTEMS

WAVER



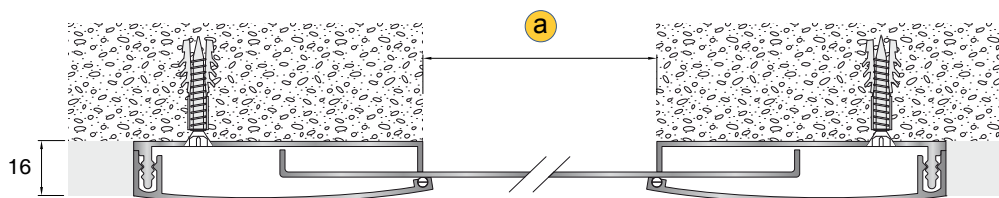
WAVER

	a mm			Max duty in kN	Kit code
DINA-WAVER / 005 FLAT	100	50%	10%	25	03 30 11

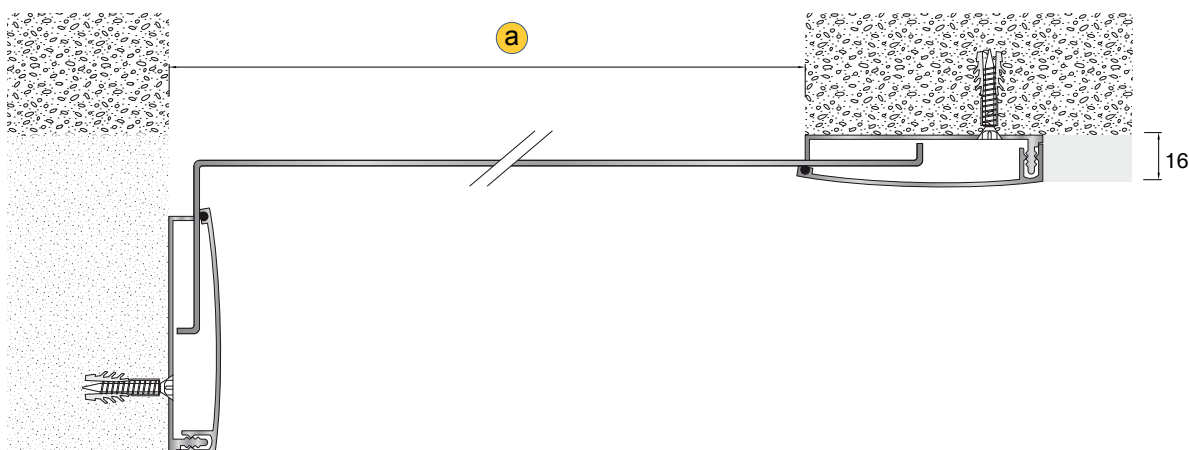


WAVER

	a mm			Max duty in kN	Kit code
DINA-WAVER / 006 ANGLE	100	25%	5	-	03 30 12



	a mm			Max duty in kN	Kit code
DINA-WAVER / 007 FLAT	50	70%	6%	-	03 30 13
DINA-WAVER / 008 FLAT	100	70%	6%	-	03 30 14
DINA-WAVER / 001 FLAT	150	47%	7%	-	03 30 15
DINA-WAVER / 002 FLAT	200	35%	7%	-	03 30 16
DINA-WAVER / 003 FLAT	250	28%	7%	-	03 30 17
DINA-WAVER / 004 FLAT	300	23%	7%	-	03 30 18



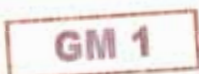
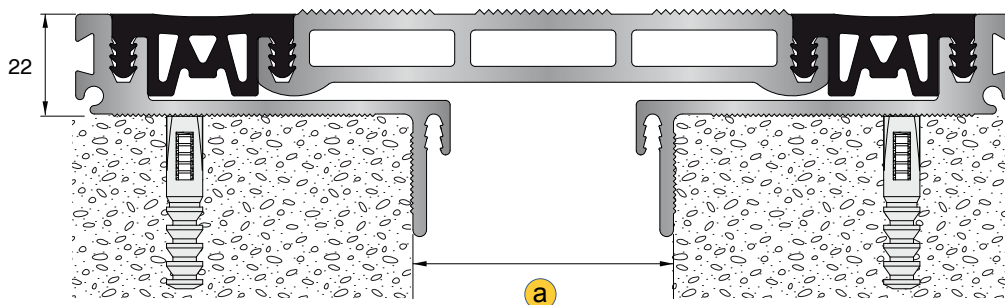
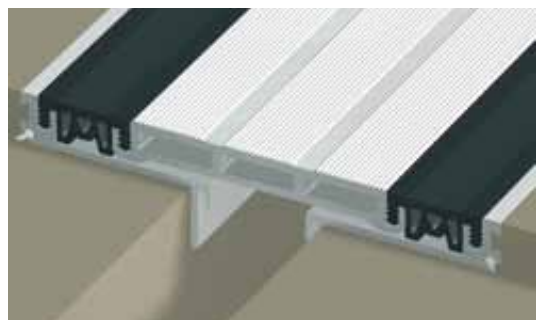
	a mm			Max duty in kN	Kit code
DINA-WAVER / 009 ANGLE	50	70%	70%	-	03 30 19
DINA-WAVER / 010 ANGLE	100	35%	35%	-	03 30 20
DINA-WAVER / 013 ANGLE	150	23%	23%	-	03 30 21
DINA-WAVER / 014 ANGLE	200	18%	18%	-	03 30 22
DINA-WAVER / 011 ANGLE	250	14%	14%	-	03 30 23
DINA-WAVER / 012 ANGLE	300	12%	12%	-	03 30 24

INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
- See optional accessories on page 42-43.

- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; la visserie.
- Voir accessoires en option pages 42-43.

EXPANSION JOINT SYSTEMS



	a mm			Max duty in kN	Kit code
DINA-GM1 / 005 FLAT	60	30%	13%	190	03 80 10
DINA-GM1 / 013 FLAT	80	28%	10%	190	03 81 10
DINA-GM1 / 021 FLAT	100	18%	8%	190	03 82 10
DINA-GM1 / 029 FLAT	120	18%	7%	190	03 83 10
DINA-GM1 / 037 FLAT	140	13%	6%	190	03 84 10
DINA-GM1 / 045 FLAT	160	14%	5%	190	03 85 10

INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
- See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.

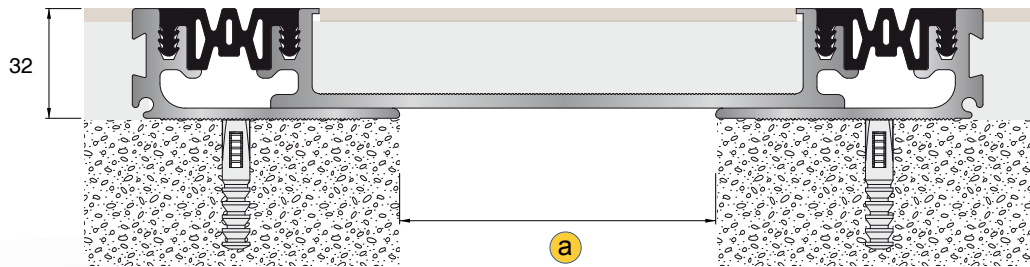
■ Voir accessoires en option pages 42-43.



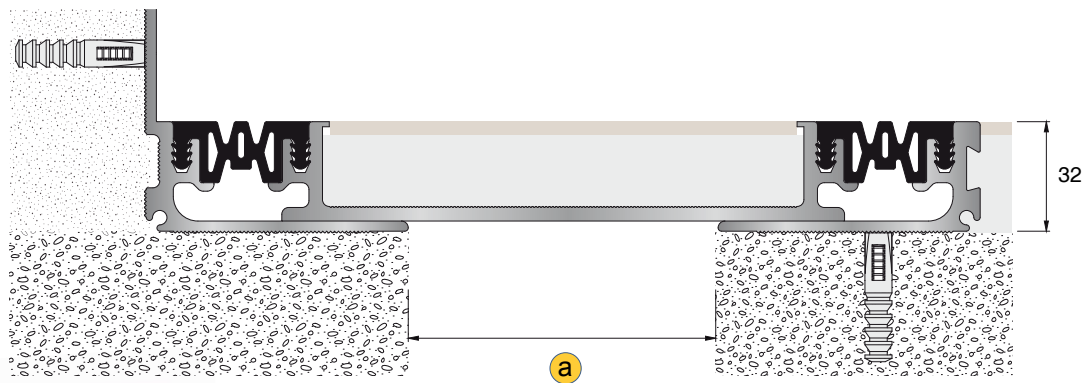
SYSTÈMES POUR JOINT DE DILATATION



GM 3



	GM 3	a mm			Max duty in kN	Kit code
DINA-GM3 / 001 FLAT		100	18%	8%	190	03 86 00
DINA-GM3 / 003 FLAT		120	21%	7%	190	03 86 20
DINA-GM3 / 005 FLAT		140	16%	6%	190	03 86 50
DINA-GM3 / 007 FLAT		160	20%	5%	190	03 86 70



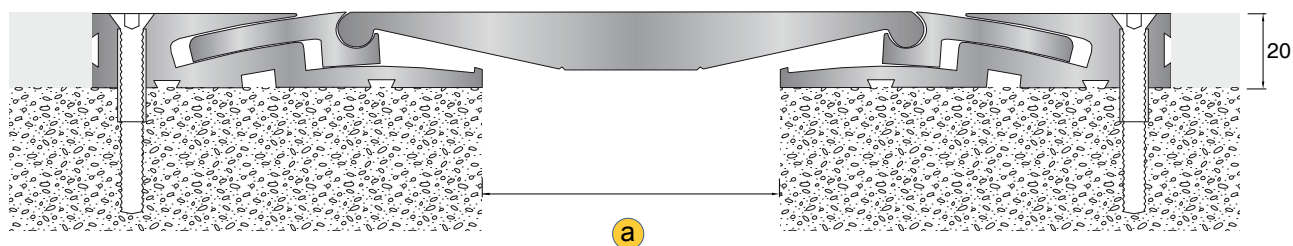
	GM 3	a mm			Max duty in kN	Kit code
DINA-GM3 / 009 ANGLE		100	18%	8%	-	03 87 00
DINA-GM3 / 011 ANGLE		120	21%	7%	-	03 87 20
DINA-GM3 / 013 ANGLE		140	16%	6%	-	03 87 50
DINA-GM3 / 015 ANGLE		160	20%	5%	-	03 87 70

INFO

- Sold by 3 m kit including : mill finish aluminium profiles ; flexible PVC joint (black) ; hardware (screws, bolts, ...). ■ Please contact us for choosing flexible PVC joints (smooth or grooved, colors).
- See optional accessories on pages 42-43.
- Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple PVC (coloris noir) ; la visserie. ■ Pour le choix du joint souple (type lisse ou strié ; couleur) : nous consulter.
- Voir accessoires en option pages 42-43.

EXPANSION JOINT SYSTEMS

STRIKE



STRIKE

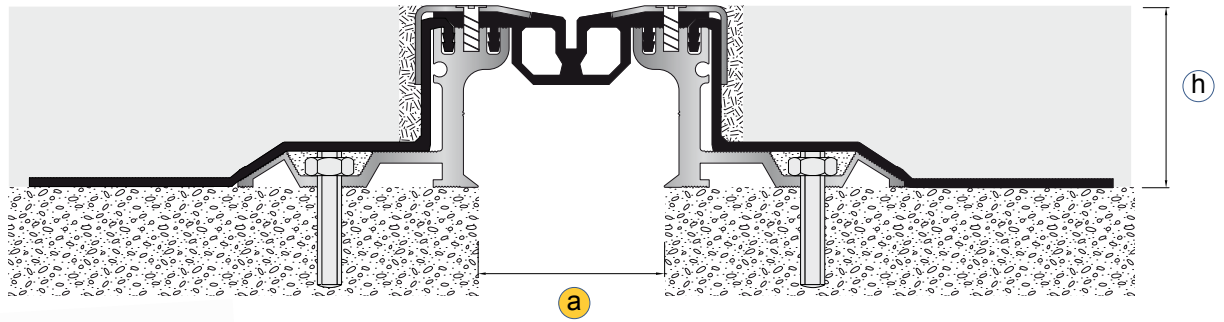
	a mm			Max duty in kN	Kit code
DINA-STRIKE / 001 FLAT	100	30%	10%	300	03 33 78
DINA-STRIKE / 002 FLAT	150	20%	10%	300	03 33 79
DINA-STRIKE / 003 FLAT	200	15%	10%	300	03 33 80




INFO

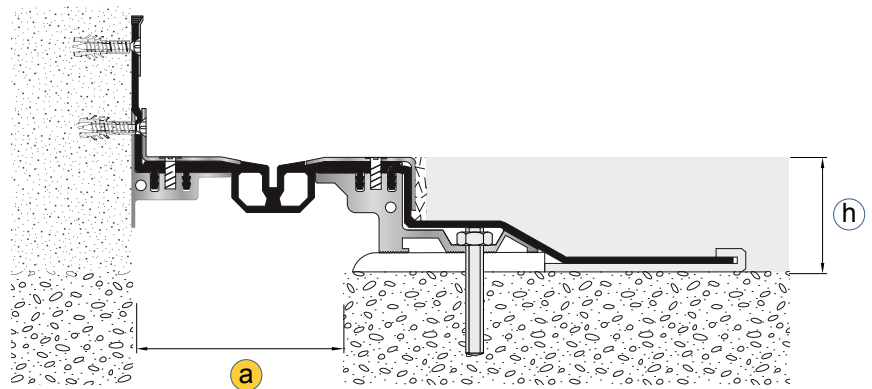
- Sold by 3 m kit including : mill finish aluminium profiles ; hardware (screws, bolts, ...).
 - See optional accessories on pages 42-43.
-
- *Vendu en kit de 3 m comprenant : les profilés aluminium brut ; la visserie.*
 - *Voir accessoires en option pages 42-43.*






SYSTÈMES POUR JOINT DE DILATATION



	a mm	h mm			Max duty in kN	Kit code
DINA-TW / 001 FLAT	60	45	33%	20%	300	03 33 81
DINA-TW / 002 FLAT	60	60	33%	20%	300	03 33 82
DINA-TW / 003 FLAT	100	45	33%	20%	120	03 33 83



	a mm	h mm			Max duty in kN	Kit code
DINA-TW / 004 ANGLE	60	45	33%	20%	-	03 33 84
DINA-TW / 005 ANGLE	60	60	33%	20%	-	03 33 85
DINA-TW / 006 ANGLE	100	45	20%	20%	-	03 33 86

INFO

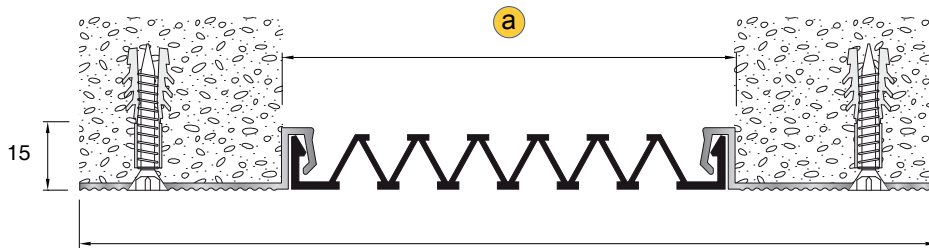
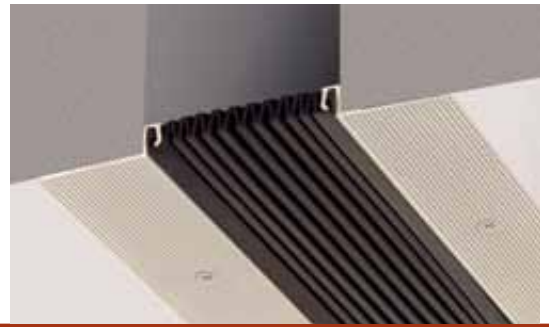
■ Sold by 3 m kit including : mill finish aluminium side profiles and stainless steel cap ; flexible EPDM grooved rubber joint black ; hardware (screws, bolts, ...).

■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les esquers en aluminium brut et le capot en inox ; le joint souple EPDM strié noir ; la visserie.

■ Voir accessoires en option pages 42-43.

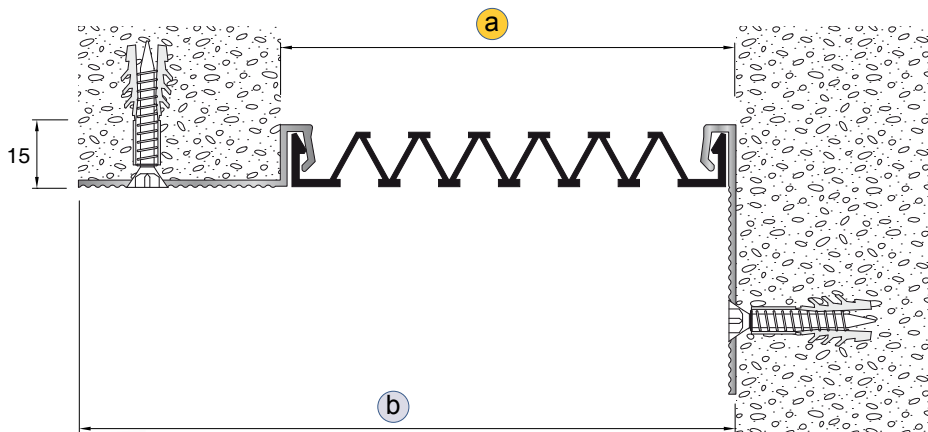
EXPANSION JOINT SYSTEMS



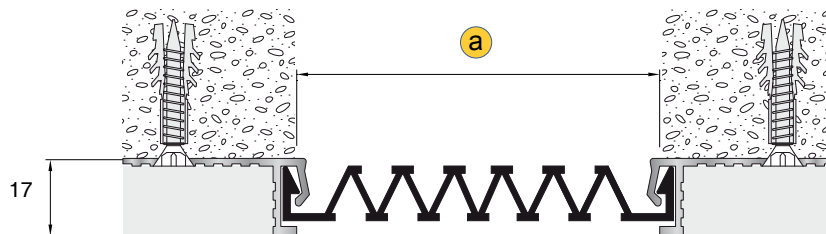
(b)



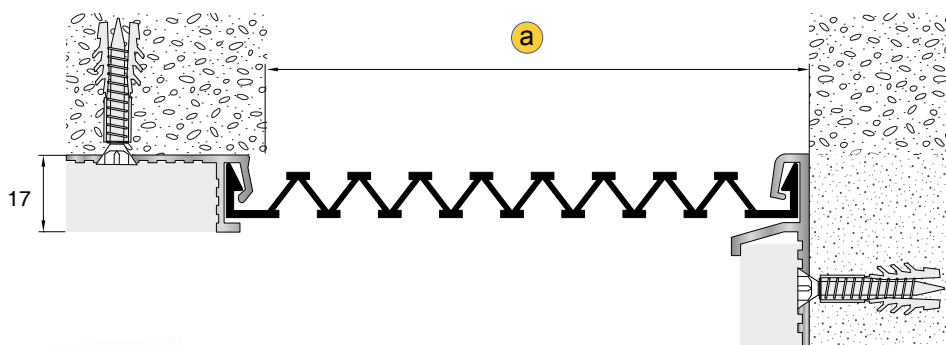
	a mm	b mm			Max duty in kN	Kit code
DINA-BELT / 001 FLAT	80	170	44%	44%	-	03 30 44
DINA-BELT / 002 FLAT	100	190	35%	35%	-	03 30 45
DINA-BELT / 003 FLAT	120	210	46%	46%	-	03 30 46
DINA-BELT / 004 FLAT	150	240	37%	37%	-	03 30 47
DINA-BELT / 005 FLAT	200	290	35%	35%	-	03 30 48



	a mm	b mm			Max duty in kN	Kit code
DINA-BELT / 006 ANGLE	80	125	44%	44%	-	03 30 49
DINA-BELT / 007 ANGLE	100	145	35%	35%	-	03 30 50
DINA-BELT / 008 ANGLE	120	165	46%	46%	-	03 30 51
DINA-BELT / 009 ANGLE	150	195	37%	37%	-	03 30 52
DINA-BELT / 010 ANGLE	200	245	35%	35%	-	03 30 53



BELT	a mm			Max duty in kN	Kit code
DINA-BELT / 011 FLAT	80	44%	44%	-	03 30 72
DINA-BELT / 012 FLAT	100	35%	35%	-	03 30 73
DINA-BELT / 013 FLAT	120	46%	46%	-	03 30 74
DINA-BELT / 014 FLAT	150	37%	37%	-	03 30 75
DINA-BELT / 015 FLAT	200	35%	35%	-	03 30 76



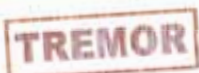
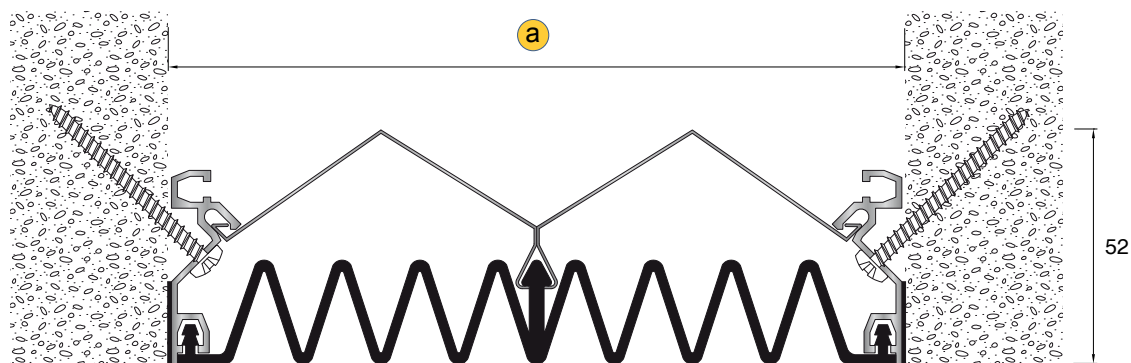
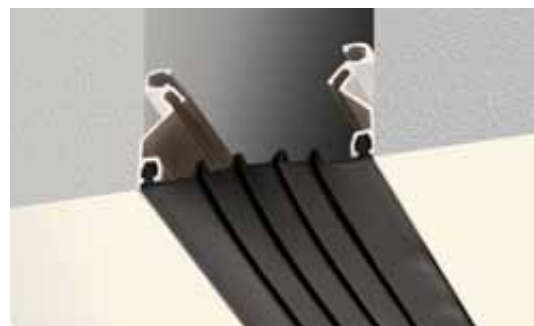
BELT	a mm			Max duty in kN	Kit code
DINA-BELT / 016 ANGLE	80	44%	44%	-	03 32 84
DINA-BELT / 017 ANGLE	100	35%	35%	-	03 32 85
DINA-BELT / 018 ANGLE	120	46%	46%	-	03 32 86
DINA-BELT / 019 ANGLE	150	37%	37%	-	03 32 87
DINA-BELT / 020 ANGLE	200	35%	35%	-	03 32 88

INFO

■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible EPDM grooved rubber joint (black); hardware (screws, bolts, ...). ■ See optional accessories on pages 42-43.

■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple EPDM strié ; la visserie. ■ Voir accessoires en option pages 42-43.





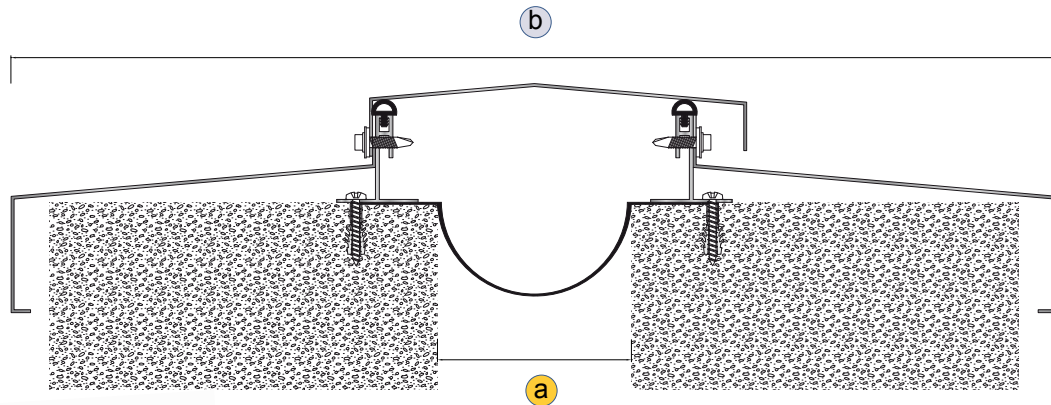
	a mm			Max duty in kN	Kit code
DINA-TREMOR / 001 FLAT	50	18%	18%	-	03 30 77
DINA-TREMOR / 002 FLAT	80	22%	22%	-	03 30 78
DINA-TREMOR / 003 FLAT	100	25%	25%	-	03 30 79
DINA-TREMOR / 004 FLAT	150	60%	60%	-	03 30 80
DINA-TREMOR / 005 FLAT	200	60%	60%	-	03 30 81



INFO

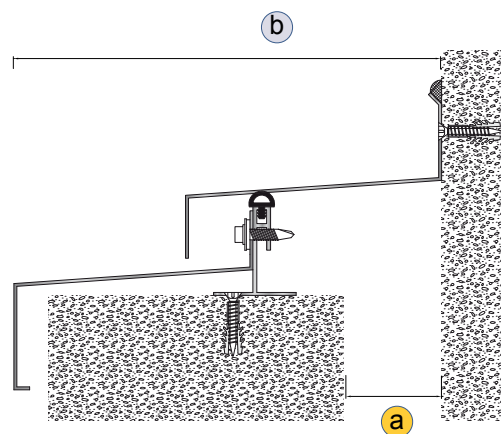
■ Sold by 3 m kit including : mill finish aluminium profiles ; flexible EPDM grooved joint (black); hardware (screws, bolts, ...). ■ See optional accessories on pages 42-43.



■ Vendu en kit de 3 m comprenant : les profilés aluminium brut ; le joint souple EPDM strié ; la visserie. ■ Voir accessoires en option pages 42-43.





	a mm	b mm		Max duty in kN	Kit code
DINA-ROOF / 001 FLAT	50	390	40%	-	03 30 40
DINA-ROOF / 002 FLAT	100	540	12%	-	03 30 41



	a mm	b mm		Max duty in kN	Kit code
DINA-ROOF / 003 ANGLE	50	220	60%	-	03 30 42
DINA-ROOF / 004 ANGLE	100	314	65%	-	03 30 43

INFO

- Sold by 3 m kit including : anodized aluminium profiles ; hardware (screws, bolts, ...).
 - See optional accessories on pages 42-43.
-
- Vendu en kit de 3 m comprenant : les profilés aluminium anodisé ; la visserie.
 - Voir accessoires en option pages 42-43.

Watertight strip / Bavette d'étanchéité

Will prevent ingress of dust and liquid into expansion gap / Pour retenir les poussières et l'humidité.
Flexible PVC - length of 21m / PVC souple - longueur 21m.



Width (mm)	Material	Code
70	Flexible PVC	04 60 70

DINA EPDM Sealing membrane / Bandes d'étanchéité

High quality EPDM sealing membrane used to seal structural expansion joint gaps / Membrane EPDM de qualité supérieure pour étanchéifier les ouvertures de joint de dilatation.
EPDM - length of 10m / longueur 10m.



Width (mm)	Material	Code
200	EPDM	04 80 40
300	EPDM	04 80 41
400	EPDM	04 80 42

Glue for DINA EPDM	04 80 43
Colle pour DINA EPDM	

DINAFEU C Fire barrier rods / Cordons coupe-feu

Fire resistance 4 to 6 hours according to models, high temperatures and hot gases resistant. Made from mineral fibres which are overbound with glass fibre yarn - length of 3m

Résistance au feu de 4 à 6 heures, selon modèle.

Résiste à de très fortes températures et aux gaz chauds.

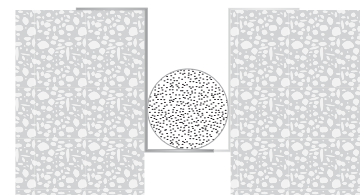
Fibres minérales guidées dans une résille réfractaire - longueur 3m.

Opening (mm)	Diameter (mm)	Length (m)	Code
15	20	30	04 80 01
20	30	30	04 80 02
25	40	30	04 80 03
30	50	25	04 80 04
40	60	25	04 80 05
50	80	20	04 80 06
60	100	2	04 80 07
80	120	2	04 80 08
100	150	2	04 80 09
130	180	2	04 80 10
200	2*150	4	04 80 12

DINAFEU C Brackets / Equerres

Opening (mm)	Brackets per m	Code
120	2	04 80 20
140	4	04 80 21
160	4	04 80 22
180	4	04 80 23
200	4	04 80 24

Refractory silicate glue for DINAFEU C - 1,4 kg	04 80 00
Colle silicate réfractaire pour DINAFEU C - 1,4 kg	



bracket / équerre

Tests carried out according to latest European legislation.

Testé selon la dernière législation européenne.

DINAFEU N Fire barrier blankets / Nappes coupe-feu

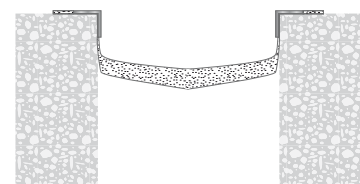
For standard and seismic joints, officially tested and approved for joint widths from 50 to 600 mm.

Testés et approuvés pour les ouvertures de dilatation thermiques et sismiques allant de 50 à 600 mm.

Initial joint opening (mm)	Movement min-max (mm)	Length (m)	Code
100	50 to 150	5	04 80 30
150	75 to 225	5	04 80 31
150	75 to 225	5	04 80 32
200	100 to 300	5	04 80 33
300	150 to 450	4	04 80 34
400	200 to 600	3	04 80 36

DINAFEU N Angles / Cornières

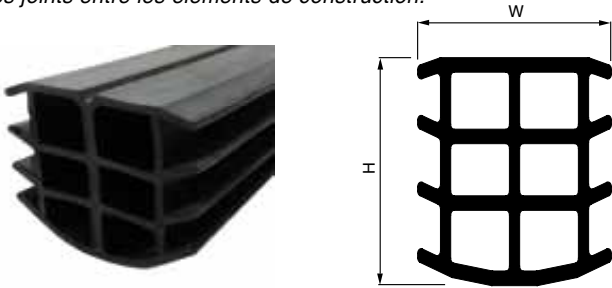
Angle for DINAFEU N	04 80 25
Cornière pour DINAFEU N	
Length of 3m / longueur 3m.	



angle / cornière

Flexible compression joints / Joints d'obturation

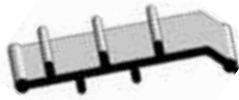
Black synthetic rubber extruded sections for covering and sealing of joints between exterior and interior buildings elements.
Profils souples en caoutchouc synthétique extrudé noir, permettant l'habillage et l'étanchéité tant à l'extérieur qu'à l'intérieur des joints entre les éléments de construction.



Opening (mm)	Width / Height (mm)	Length (m)	Code
8 to 12	16/25	50	04 85 00
12 to 15	18/25	50	04 85 10
15 to 20	25/30	50	04 85 20
21 to 28	34/40	25	04 85 30
26 to 34	42/45	25	04 85 40
35 to 55	63/70	25	04 85 50

Anchoring clamps / Pattes de scellement

Strengthen the recessed frames during compression and expansion efforts.
Maintient la stabilité des équerres adaptées pendant les efforts de compression et dilatation.
 1 box of 50 / Conditionnées en boîte de 50.



Material	Code
Aluminium	04 61 00

Levelling shims / Cales de mise à niveau

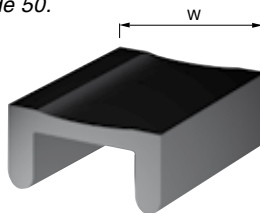
Used during installation, they allow easy alignment and spacing.
Permet d'aligner et de maintenir le bon écartement des équerres au moment de leur fixation.
 1 box of 50 / Conditionnées en boîte de 50.



Material	Code
Aluminium	04 65 00

Spacers / Cales d'écartement

To make frames installation easy - PVC - 1 box of 50.
Facilite le montage - PVC - conditionnées en boîte de 50.



Type of flexible joint	Width (mm)	Code
Light and medium flexible joints	20	04 66 20
	30	04 66 30
	40	04 66 40
Heavy flexible joints	40	04 67 40
	50	04 66 50

Joining pins / Eclisses de raccordement

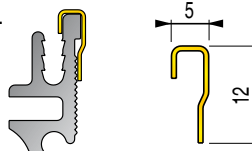
They allow perfect alignment of several frame lengths - 1 box of 100.
Pour raccorder les équerres - conditionnées en boîte de 100.



Material	Code
Iron	39 25 00

Cappings for side profiles / Rives pour équerres

Caps are positioned on light duty side profiles.
 It covers brass or stainless steel all visible parts after casting the screed.
 Length of 1m.
La rive vient se positionner sur les équerres de la gamme légère. Elle recouvre de laiton poli ou d'inox toutes les parties visibles une fois la chape coulée. Conditionnées en 1m.



Material	Code
Polished brass	04 09 10
Stainless steel	04 09 20

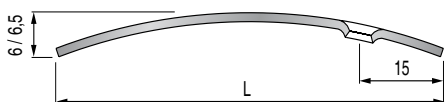
Screws / Visserie

	Size (mm)	Packaging	Code
Fixing pins / Goujons AC / ZN	8 X 50	1 box of 50	04 62 00
Zinc plated bolts / Boulons ZN / TH	8 X 15	1 box of 100	04 68 00
Stainless steel screws / Vis TZF inox	4,8 X 38	1 box of 200	04 63 00
Flat head screws / Vis TFZ bichromatées	3,5 X 30	1 box of 200	39 19 00
Stainless steel screws + Plug / Vis inox + Chevilles PA	5,5 X 38 / 8 X 40	1 box of 55	39 39 00
Plug / Chevilles PA	6 X 30	1 box of 100	04 64 30
Plug / Chevilles PA	8 X 40	1 box of 100	04 64 40
Fast fitting nail plugs / Chevilles à frapper	8 X 45	1 box of 100	04 70 00

JOINT COVER - FLOOR / SOL

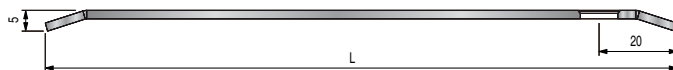
CJS screw down / à visser

L (mm)	Material	Length m	Max duty in kN	Code
70	Stainless steel	3	7	01 05 11
	Brass	3	7	01 08 11
90	Stainless steel	3	4,5	01 06 11
	Brass	3	4,5	01 09 11
160	Stainless steel	2	3	01 19 00
200	Stainless steel	2	3	01 20 00
240	Stainless steel	2	3	01 21 00



Silver finish anodized or mill finish aluminium, length of 2m.
Aluminium anodisé naturel ou brut, profilés de 2m.

L (mm)	Material	Max duty in kN	Code
200	Silver finish	3	01 08 01
250	Silver finish	3	01 08 02
300	Mill finish alu.	3	01 08 03
350	Mill finish alu.	3	01 08 04
400	Mill finish alu.	3	01 08 05



CJS adhesived / adhésivés

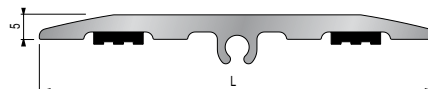
Silver finish anodized aluminium or polished brass, length of 3m.
Aluminium anodisé naturel ou laiton poli, profilés de 3m.

L (mm)	Material	Max duty in kN	Code
60	Aluminium	7	01 03 11
60	Brass	7	01 01 11
80	Aluminium	4,5	01 13 11



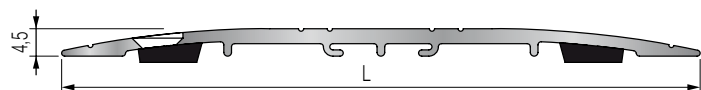
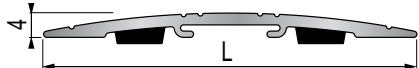
Silver finish anodized aluminium or polished brass, profiles of 3m.
Aluminium anodisé naturel ou laiton poli, profilés de 3m.
For fitting use clips 39 05 00 / *Utiliser les clipets 39 05 00.*

L (mm)	Material	Fitting	Max duty in kN	Code
70	Aluminium	Adhesived	7	01 04 11
	Brass		7	01 00 11
80	Reinforced aluminium	Adhesived	46	01 23 11
		Drilled+adhesived	46	01 08 00
120	Reinforced aluminium	Adhesived	46	01 33 11



CJS bevelled edge adhesive and/or drilled / adhésivés et/ou à visser à bords biseautés.

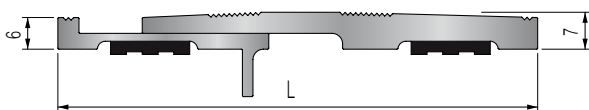
Silver finish anodized aluminium or polished brass, length of 3m.
Aluminium anodisé naturel ou laiton poli / Profilés de 3m.
For fitting use clips 39 42 00 / *Utiliser les clipets 39 42 00.*



L (mm)	Material	Fitting	Max duty in kN	Code
60	Aluminium	Adhesived	46	01 14 11
		Drilled+adhesived	46	01 14 20
80	Aluminium	Adhesived	30	01 15 11
	Aluminium	Drilled+adhesived	30	01 15 20
80	Brass	Adhesived	7	01 02 11
		Adhesived	7	01 16 11
100	Aluminium	Adhesived	7	01 16 20
	Brass	Adhesived	7	01 10 11
120	Aluminium	Adhesived	3	01 17 11
		Drilled+adhesived	3	01 17 20
140	Aluminium	Adhesived	3	01 18 11
		Drilled+adhesived	3	01 18 20
165	Aluminium	Drilled	3	01 26 11
180	Aluminium	Drilled	3	01 27 11

CJS flush mounting / adhésivés à encastrer

Silver finish anodized aluminium, length of 2,5m / *Aluminium anodisé naturel, profilés de 2,5m.*



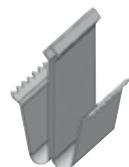
L (mm)	Max duty in kN	Code
90 to 105	30	01 43 08

Double clips for floor joint covers fitting / Clipets sol



Double clip for bevelled edge joint covers - Stainless steel - 1 box of 20
Clipet Double pour couvre-joint à bords biseautés - Inox - Boîte de 20 pièces

39 42 00



Double clip for floor reinforced joint covers - Stainless steel - 1 box of 10
Clipet Double pour couvre-joint renforcés - Inox - Boîte de 10 pièces

39 05 00

CJSM screw down / à visser

Length of 2m / Profilés de 2m.

L (mm)	Material	Code
130	Mill finish stainless steel	12 05 00
170	Mill finish stainless steel	12 06 00
170	Silver finish anodized alu.	01 12 00
210	Mill finish stainless steel	12 07 00
220	Silver finish anodized alu.	01 12 01
270	Silver finish anodized alu.	01 12 02
320	Silver finish anodized alu.	01 12 03
370	Silver finish anodized alu.	01 12 04

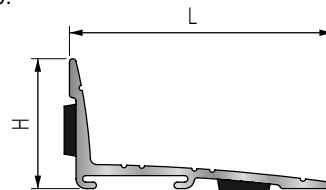


CJSM adhesived or drilled / adhésivés ou à visser

Silver finish anodized aluminium, profiles of 3m, for fitting use clips 39 42 00.

Aluminium anodisé naturel, profilés de 3m, utiliser des clipets 39 42 00.

L x H (mm)	Fitting	Reference
40 x 20	Adhesived	01 22 11
125 x 40	Drilled	01 20 20



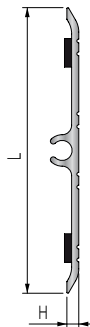
CJM adhesived / adhésivés

Silver finish anodized aluminium, length of 2,7m.

Aluminium anodisé naturel, profilés de 2,7m.

For fitting use clips 39 05 00 / Utiliser les clipets 39 05 00.

L x H (mm)	Code
60 x 3	12 03 09
80 x 3	12 13 09



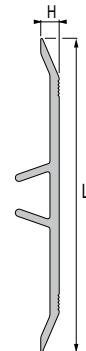
CJM invisible fitting / à fixation invisible

PVC, length of 3m.

PVC, profilés de 3m.

For fitting use clips 39 49 10 or 39 49 00 / Utiliser les clipets 39 49 10 ou 39 49 00.

L x H (mm)	Color	Code
50 x 4	Beige	12 20 12
50 x 4	White	12 20 10
50 x 4	Grey	12 20 11
70 x 4	Beige	12 21 12
70 x 4	White	12 21 10
70 x 4	Grey	12 21 11



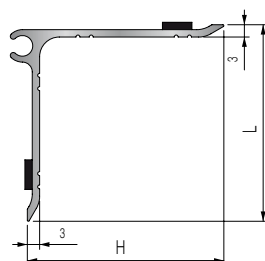
CJA adhesived / adhésivés

Silver finish anodized aluminium, length of 2,7m.

Aluminium anodisé naturel, profilés de 2,7m.

For fitting use clips 39 06 60 / Utiliser les clipets 39 06 00.

L x H (mm)	Code
40 x 40	12 33 09



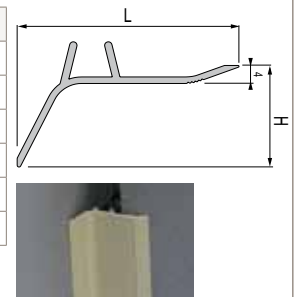
CJA invisible fitting / à fixation invisible

PVC, length of 3m.

PVC, profilés de 3m.

For fitting use clips 39 49 10 or 39 49 00 / Utiliser les clipets 39 49 10 ou 39 49 00.

L x H (mm)	Color	Code
50 x 22	Beige	12 25 12
50 x 22	White	12 25 10
50 x 22	Grey	12 25 11
70 x 22	Beige	12 26 12
70 x 22	White	12 26 10
70 x 22	Grey	12 26 11



Clips for wall joint covers fitting / Clipets mur



Double clip **L**
Stainless steel
1 box of 50
Clipet double L
Inox boîte de 50
39 49 10



Double clip **S**
Stainless steel
1 box of 50
Clipet double S
Inox boîte de 50
39 49 00

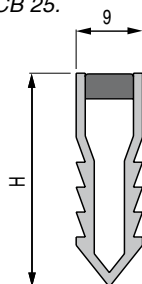


Simple clip
Stainless steel
1 box of 10
Clipet simple
Inox boîte de 10
39 06 00

PVC CONTROL JOINTS - JOINTS POUR FRACTIONNEMENT

MJE-PVC to be embedded / à encastrer

Hard and soft PVC, length of 2,5m, pack of 25 units.
 PVC souple et rigide, profilés de 2,5m, PCB 25.

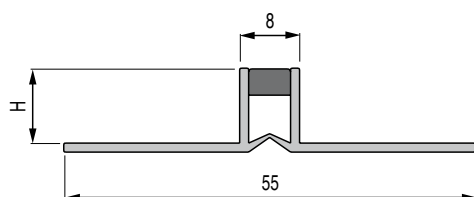
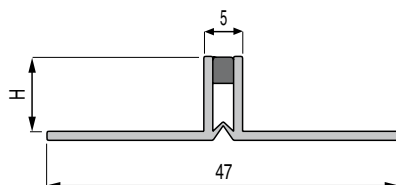
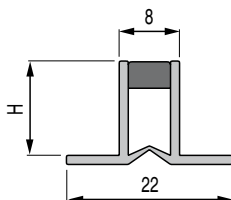
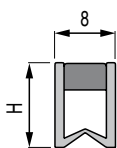


H (mm)	Insert color	Code
25	Grey	51 60 08
30	Grey	51 61 08
35	Grey	51 62 08
40	Grey	51 63 08
50	Grey	51 64 08

Also available with white, beige, caramel or brown inserts.
 Les joints sont également disponibles en blanc, beige, caramel et marron.

MJ-PVC to be glued / à coller

Hard and soft PVC, length of 2,5m, pack of 25 units.
 PVC souple et rigide, profilés de 2,5m, PCB 25.



H (mm)	Insert color	Code
9	Grey	51 50 58
11	Grey	51 51 58
13,5	Grey	51 52 58

Also available with beige inserts.
 Les joints sont également disponibles en beige.

H (mm)	Insert color	Code
8	Grey	51 50 08
10	Grey	51 51 08
12,5	Grey	51 52 08

Also available with white or beige inserts.
 Les joints sont également disponibles en blanc et beige.

H (mm)	Insert color	Code
8	Grey	51 43 18
10	Grey	51 43 28
12,5	Grey	51 43 38

H (mm)	Insert color	Code
8	Grey	51 40 08
10	Grey	51 41 08
12,5	Grey	51 42 08

Also available with white or beige inserts.
 Les joints sont également disponibles en blanc et beige.

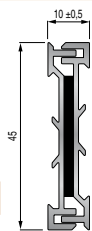


MJE-GRANITO to be embedded / à encastrer

Mill finish aluminium, length of 2,5m, pack of 5 units.
Aluminium brut, profilés de 2,5m, PCB 5.



Code	54 01 70
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DS-GRANITO to be embedded / à encastrer

Length of 2,5m, pack of 10 units.
Profilés de 2,5m, PCB 10.



Material	Code
Mill finish alu.	51 69 08
Brass	51 68 08

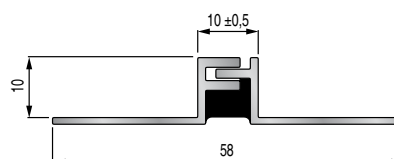


MJ-TTA to be glued / à coller

Mill finish aluminium, length of 2,5m, pack of 10 units.
Aluminium brut, profilés de 2,5m, PCB 10.



H (mm)	Code
10	54 01 60
12,5	54 01 61

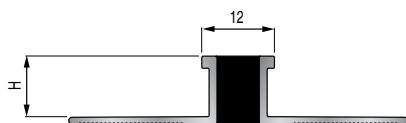


MJ-AL to be glued / à coller

Mill finish aluminium, length of 2,5m, pack of 10 units.
Aluminium brut, profilés de 2,5m, PCB 10.

Material	H (mm)	Insert color	Code
Mill finish alu.	3	Black	54 00 02
Mill finish alu.	6	Black	54 01 45
Mill finish alu.	8	Black	54 01 55
Mill finish alu.	10	Black	54 01 72
Mill finish alu.	12,5	Black	54 01 80
Mill finish alu.	15	Black	54 01 88
Mill finish alu.	22	Black	54 01 96
Mill finish alu.	25	Black	54 08 26
Mill finish alu.	30	Black	54 04 10
Mill finish alu.	40	Black	54 00 45

Also available with brass frames, insert available in grey. Bendable on work site / Disponible en laiton, joint souple disponible en gris. Possibilité de cintrage sur chantier.

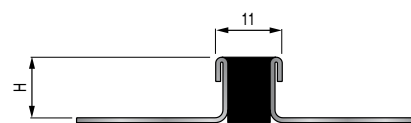


MJ-SS to be glued / à coller

Stainless steel, length of 2,5m, pack of 10 units.
Inox, profilés de 2,5m, PCB 10.

Material	H (mm)	Insert color	Code
Stainless steel	6	Black	54 02 60
Stainless steel	8	Black	54 02 68
Stainless steel	10	Black	54 02 84
Stainless steel	12,5	Black	54 02 92
Stainless steel	15	Black	54 03 00
Stainless steel	22	Black	54 03 08
Stainless steel	30	Black	54 03 12
Stainless steel	40	Black	54 09 10
Stainless steel	50	Black	54 03 14
Stainless steel	75	Black	54 03 16

Insert available in grey. Bendable on work site. Joint souple disponible en gris. Possibilité de cintrage sur chantier.



MJO-AL to be glued / à coller

Mill finish aluminium, length of 2,5m, pack of 10 units.
Aluminium brut, profilés de 2,5m, PCB 10.

Material	H (mm)	Insert color	Code
Mill finish alu.	6	Black	54 00 01
Mill finish alu.	8	Black	54 00 09
Mill finish alu.	10	Black	54 00 25
Mill finish alu.	12,5	Black	54 00 32
Mill finish alu.	15	Black	54 00 40
Mill finish alu.	22	Black	54 00 48

Also available with brass frames.
Disponible en laiton.



MJO-SS to be glued / à coller

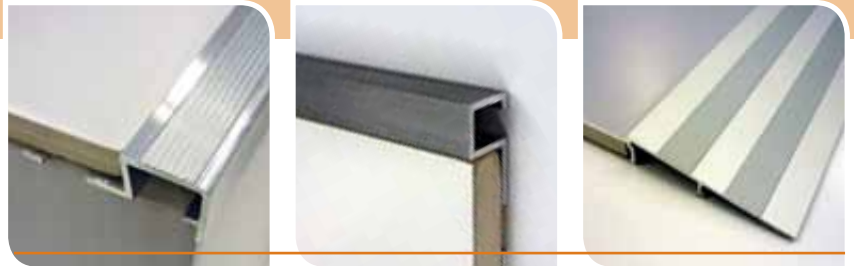
Stainless steel, length of 2,5m, pack of 10 units.
Inox, profilés de 2,5m, PCB 10.

Material	H (mm)	Insert color	Code
Stainless steel	6	Black	54 05 05
Stainless steel	8	Black	54 05 15
Stainless steel	10	Black	54 05 32
Stainless steel	12,5	Black	54 05 40
Stainless steel	15	Black	54 05 48
Stainless steel	22	Black	54 05 57



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