

Tables optimisées de la résistance au cisaillement du diaphragme 3.5.5

Portée = 4 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
272	289	36/3-48	36/3-48	36/3-48	36/3-48	36/3-48	36/4-48	36/4-48	36/4-48	36/4-48	36/4-48
291	309	36/3-48	36/3-48	36/3-48	36/3-48	36/3-30	36/4-48	36/4-48	36/4-48	36/4-48	36/4-48
311	331	36/3-42	36/3-48	36/3-48	36/3-48	36/3-24	36/4-48	36/4-48	36/4-36	36/4-48	36/4-48
333	354	36/3-30	36/3-48	36/3-48	36/3-48	36/3-18	36/4-48	36/4-48	36/4-24	36/4-48	36/4-48
356	379	36/3-24	36/3-48	36/3-48	36/3-48	36/4-30	36/4-48	36/4-48	36/4-20	36/4-48	36/4-48
381	406	36/3-18	36/3-48	36/3-48	36/3-48	36/4-24	36/4-48	36/4-48	36/4-18	36/4-48	36/4-48
408	434	36/3-14	36/3-42	36/3-48	36/3-48	36/4-18	36/4-48	36/4-48	36/4-14	36/4-48	36/4-48
437	464	36/4-20	36/3-30	36/3-48	36/3-48	36/4-14	36/4-42	36/4-48	36/4-12	36/4-36	36/4-48
467	497	36/4-18	36/3-20	36/3-48	36/3-48	36/4-12	36/4-30	36/4-48	36/5-16	36/4-24	36/4-42
500	532	36/4-14	36/3-18	36/3-36	36/3-42	36/5-18	36/4-24	36/4-48	36/5-14	36/4-20	36/4-36
535	569	36/4-12	36/4-24	36/3-24	36/3-30	36/5-14	36/4-20	36/4-42	36/9-48	36/4-18	36/4-24
572	609	36/5-16	36/4-20	36/3-20	36/3-24	36/5-12	36/4-16	36/4-30	36/9-48	36/4-14	36/4-20
612	651	36/5-14	36/4-18	36/3-16	36/3-18	36/9-48	36/4-14	36/4-24	36/9-30	36/4-12	36/4-18
655	697	36/5-10	36/4-14	36/4-24	36/3-14	36/5-8	36/5-20	36/4-20	36/9-20	36/5-18	36/4-14
701	746	36/5-8	36/4-12	36/4-20	36/4-24	36/9-24	36/5-16	36/4-18	36/9-16	36/5-14	36/4-12
750	798	36/5-7	36/5-16	36/4-18	36/4-18	36/9-18	36/5-12	36/5-24	36/9-12	36/5-12	36/5-18
802	854	36/9-24	36/5-14	36/4-14	36/4-16	36/9-14	36/9-48	36/5-20	36/9-10	36/9-42	36/5-14
859	914	36/9-18	36/5-10	36/5-20	36/4-12	36/9-10	36/9-42	36/9-48	36/9-8	36/9-30	36/5-12
919	977	36/9-12	36/5-8	36/5-16	36/5-18	36/9-8	36/9-24	36/7-20	36/9-7	36/9-20	36/7-16
983	1 046	36/9-10	36/5-7	36/5-14	36/5-14	36/9-7	36/9-20	36/9-48	36/11-8	36/9-16	36/9-24
1 052	1 119	36/9-8	36/5-6	36/5-10	36/5-12	36/9-6	36/9-16	36/9-48	36/11-7	36/9-12	36/9-20
1 126	1 197	36/9-7	36/9-16	36/5-8	36/5-10	36/11-7	36/9-12	36/9-30	36/11-6	36/9-10	36/7-10
1 204	1 281	36/9-5	36/9-12	36/5-7	36/5-8	36/11-6	36/9-10	36/9-20		36/9-8	36/9-12
1 289	1 371	36/11-7	36/9-10	36/9-20	36/9-24	36/11-5	36/9-8	36/11-30		36/9-7	36/9-10
1 379	1 467	36/11-5	36/9-8	36/9-16	36/9-18	36/11-4	36/9-6	36/11-20		36/9-6	36/9-8
1 475	1 570	36/11-4	36/9-7	36/9-12	36/9-14	36/11-3	36/11-8	36/11-16		36/11-7	36/9-7
1 689	1 797	36/11-3	36/11-7	36/9-8	36/9-8						36/11-7
1 934	2 057		36/11-4	36/9-5	36/9-6						
2 214	2 355		36/11-3	36/11-5	36/11-6						
2 535	2 697			36/11-3	36/11-4						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Portée = 4 pi 6 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
254	270	36/3-54	36/3-54	36/3-54	36/3-54	36/3-48	36/4-54	36/4-54	36/4-54	36/4-54	36/4-54
272	289	36/3-54	36/3-54	36/3-54	36/3-54	36/3-36	36/4-54	36/4-54	36/4-48	36/4-54	36/4-54
291	309	36/3-42	36/3-54	36/3-54	36/3-54	36/3-24	36/4-54	36/4-54	36/4-36	36/4-54	36/4-54
311	331	36/3-30	36/3-54	36/3-54	36/3-54	36/3-20	36/4-54	36/4-54	36/4-30	36/4-54	36/4-54
333	354	36/3-24	36/3-54	36/3-54	36/3-54	36/3-16	36/4-54	36/4-54	36/4-24	36/4-54	36/4-54
356	379	36/3-20	36/3-54	36/3-54	36/3-54	36/4-24	36/4-54	36/4-54	36/4-20	36/4-54	36/4-54
381	406	36/3-16	36/3-42	36/3-54	36/3-54	36/4-20	36/4-48	36/4-54	36/4-16	36/4-48	36/4-54
408	434	36/4-24	36/3-30	36/3-54	36/3-54	36/4-16	36/4-42	36/4-54	36/4-14	36/4-36	36/4-54
437	464	36/4-18	36/3-24	36/3-54	36/3-54	36/4-14	36/4-30	36/4-54	36/5-18	36/4-30	36/4-48
467	497	36/4-16	36/3-20	36/3-42	36/3-42	36/5-18	36/4-24	36/4-54	36/5-14	36/4-24	36/4-36
500	532	36/4-12	36/3-16	36/3-30	36/3-36	36/5-16	36/4-20	36/4-42	36/5-12	36/4-20	36/4-30
535	569	36/5-18	36/4-24	36/3-24	36/3-24	36/5-12	36/4-18	36/4-36	36/9-42	36/4-16	36/4-24
572	609	36/5-14	36/4-20	36/3-20	36/3-20	36/5-10	36/4-14	36/4-30	36/9-30	36/4-14	36/4-20
612	651	36/5-12	36/4-16	36/3-14	36/3-16	36/9-36	36/4-12	36/4-24	36/9-20	36/5-18	36/4-18
655	697	36/5-10	36/4-12	36/4-24	36/4-24	36/9-24	36/5-16	36/4-20	36/9-18	36/5-16	36/4-14
701	746	36/5-8	36/5-18	36/4-18	36/4-20	36/9-18	36/5-14	36/5-24	36/9-14	36/5-12	36/5-20
750	798	36/5-7	36/5-14	36/4-16	36/4-18	36/9-14	36/5-12	36/5-20	36/9-10	36/9-42	36/5-16
802	854	36/9-18	36/5-12	36/4-12	36/4-14	36/9-12	36/9-36	36/5-18	36/9-8	36/9-30	36/5-14
859	914	36/9-14	36/5-10	36/5-18	36/4-12	36/9-8	36/9-24	36/9-54	36/9-7	36/9-20	36/9-36
919	977	36/9-10	36/5-8	36/5-14	36/5-16	36/9-8	36/9-20	36/9-54	36/9-6	36/9-18	36/7-14
983	1 046	36/9-8	36/5-7	36/5-12	36/5-12	36/9-6	36/9-16	36/9-42	36/11-7	36/9-14	36/7-12
1 052	1 119	36/9-7	36/9-18	36/5-10	36/5-10	36/9-5	36/9-12	36/9-30	36/11-6	36/9-12	36/9-18
1 126	1 197	36/9-6	36/9-14	36/5-8	36/5-8	36/11-6	36/9-10	36/9-20		36/9-8	36/9-14
1 204	1 281	36/9-5	36/9-10	36/5-7	36/5-7	36/11-5	36/9-8	36/11-30		36/9-8	36/9-12
1 289	1 371	36/11-6	36/9-8	36/9-16	36/9-18	36/11-4	36/9-7	36/11-20		36/9-6	36/9-10
1 379	1 467	36/11-5	36/9-7	36/9-12	36/9-14	36/11-3	36/9-6	36/11-16		36/11-8	36/9-8
1 579	1 679	36/11-3	36/9-5	36/9-8	36/9-10		36/11-6				36/11-8
1 807	1 923		36/11-5	36/9-6	36/9-6						
2 069	2 201		36/11-3	36/11-6	36/11-6						
2 369	2 520			36/11-4	36/11-4						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

3.5.5 Tables optimisées de la résistance au cisaillement du diaphragme

Portée = 5 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
237	253	36/3-60	36/3-60	36/3-60	36/3-60	36/3-48	36/4-60	36/4-60	36/4-60	36/4-60	36/4-60
254	270	36/3-60	36/3-60	36/3-60	36/3-60	36/3-36	36/4-60	36/4-60	36/4-48	36/4-60	36/4-60
272	289	36/3-48	36/3-60	36/3-60	36/3-60	36/3-30	36/4-60	36/4-60	36/4-36	36/4-60	36/4-60
291	309	36/3-36	36/3-60	36/3-60	36/3-60	36/3-24	36/4-60	36/4-60	36/4-30	36/4-60	36/4-60
311	331	36/3-30	36/3-60	36/3-60	36/3-60	36/3-20	36/4-60	36/4-60	36/4-24	36/4-60	36/4-60
333	354	36/3-24	36/3-60	36/3-60	36/3-60	36/3-16	36/4-60	36/4-60	36/4-20	36/4-60	36/4-60
356	379	36/3-18	36/3-48	36/3-60	36/3-60	36/4-20	36/4-60	36/4-60	36/4-18	36/4-48	36/4-60
381	406	36/3-14	36/3-36	36/3-60	36/3-60	36/4-18	36/4-42	36/4-60	36/5-24	36/4-36	36/4-60
408	434	36/3-12	36/3-30	36/3-60	36/3-60	36/5-24	36/4-36	36/4-60	36/5-20	36/4-30	36/4-48
437	464	36/4-18	36/3-24	36/3-42	36/3-48	36/5-20	36/4-30	36/4-60	36/5-16	36/4-24	36/4-36
467	497	36/4-14	36/3-18	36/3-36	36/3-36	36/5-16	36/4-24	36/4-48	36/5-14	36/4-20	36/4-30
500	532	36/4-12	36/3-14	36/3-24	36/3-30	36/5-14	36/4-20	36/4-36	36/5-12	36/4-18	36/4-24
535	569	36/5-16	36/3-12	36/3-20	36/3-24	36/5-12	36/4-16	36/4-30	36/9-30	36/4-16	36/4-24
572	609	36/5-12	36/4-18	36/3-18	36/3-20	36/5-10	36/4-14	36/4-24	36/9-24	36/5-20	36/4-20
612	651	36/5-10	36/4-14	36/3-14	36/3-16	36/5-8	36/4-12	36/4-20	36/9-18	36/5-16	36/4-16
655	697	36/5-8	36/4-12	36/4-20	36/3-12	36/9-20	36/5-16	36/4-18	36/9-14	36/5-14	36/4-14
701	746	36/5-8	36/5-16	36/4-18	36/4-18	36/9-14	36/5-12	36/5-24	36/9-12	36/5-12	36/5-18
750	798	36/9-18	36/5-14	36/4-14	36/4-16	36/9-12	36/9-36	36/5-20	36/9-10	36/9-30	36/5-14
802	854	36/9-14	36/5-12	36/4-12	36/4-14	36/9-10	36/9-24	36/9-60	36/9-8	36/9-24	36/5-12
859	914	36/9-12	36/5-10	36/5-16	36/5-18	36/9-8	36/9-20	36/9-60	36/9-7	36/9-18	36/7-16
919	977	36/9-10	36/5-8	36/5-14	36/5-14	36/9-7	36/9-16	36/9-42	36/9-6	36/9-14	36/7-14
983	1 046	36/9-8	36/5-7	36/5-10	36/5-12	36/9-6	36/9-14	36/9-30	36/11-7	36/9-12	36/7-12
1 052	1 119	36/9-7	36/9-14	36/5-8	36/5-10	36/11-7	36/9-10	36/9-20	36/11-6	36/9-10	36/9-16
1 126	1 197	36/11-8	36/9-12	36/5-8	36/5-8	36/11-6	36/9-8	36/9-18		36/9-8	36/9-12
1 204	1 281	36/11-6	36/9-10	36/9-18	36/5-7	36/11-5	36/9-8	36/11-20		36/9-7	36/9-10
1 289	1 371	36/9-4	36/9-8	36/9-14	36/9-16	36/11-4	36/9-6	36/11-16		36/9-6	36/9-8
1 475	1 570	36/11-4	36/9-6	36/9-10	36/9-10	36/11-3	36/11-6			36/11-6	36/9-6
1 689	1 797		36/9-4	36/9-7	36/9-7						36/11-6
1 934	2 057		36/11-4	36/9-5	36/9-5						
2 214	2 355		36/11-3	36/11-5	36/11-5						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Portée = 5 pi 6 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
222	236	36/3-66	36/3-66	36/3-66	36/3-66	36/3-48	36/4-66	36/4-66	36/4-60	36/4-66	36/4-66
237	253	36/3-66	36/3-66	36/3-66	36/3-66	36/3-42	36/4-66	36/4-66	36/4-48	36/4-66	36/4-66
254	270	36/3-48	36/3-66	36/3-66	36/3-66	36/3-30	36/4-66	36/4-66	36/4-42	36/4-66	36/4-66
272	289	36/3-42	36/3-66	36/3-66	36/3-66	36/3-24	36/4-66	36/4-66	36/4-30	36/4-66	36/4-66
291	309	36/3-30	36/3-66	36/3-66	36/3-66	36/3-20	36/4-66	36/4-66	36/4-24	36/4-66	36/4-66
311	331	36/3-24	36/3-60	36/3-66	36/3-66	36/3-18	36/4-66	36/4-66	36/4-24	36/4-60	36/4-66
333	354	36/3-20	36/3-48	36/3-66	36/3-66	36/4-24	36/4-60	36/4-66	36/4-20	36/4-48	36/4-66
356	379	36/3-18	36/3-42	36/3-66	36/3-66	36/4-20	36/4-48	36/4-66	36/4-16	36/4-42	36/4-60
381	406	36/3-14	36/3-30	36/3-60	36/3-66	36/4-16	36/4-36	36/4-66	36/4-14	36/4-36	36/4-48
408	434	36/4-18	36/3-24	36/3-48	36/3-48	36/4-14	36/4-30	36/4-60	36/5-18	36/4-30	36/4-42
437	464	36/4-16	36/3-20	36/3-36	36/3-42	36/5-18	36/4-24	36/4-48	36/5-16	36/4-24	36/4-36
467	497	36/4-14	36/3-18	36/3-30	36/3-36	36/5-14	36/4-20	36/4-42	36/5-12	36/4-20	36/4-30
500	532	36/4-12	36/4-24	36/3-24	36/3-24	36/5-12	36/4-18	36/4-30	36/9-30	36/4-18	36/4-24
535	569	36/4-10	36/4-20	36/3-20	36/3-20	36/5-10	36/4-16	36/4-24	36/9-24	36/4-14	36/4-20
572	609	36/5-12	36/4-16	36/3-16	36/3-18	36/9-24	36/5-20	36/4-24	36/9-20	36/5-18	36/4-18
612	651	36/5-10	36/4-14	36/3-14	36/4-24	36/5-8	36/5-16	36/4-20	36/9-16	36/5-16	36/4-16
655	697	36/5-8	36/4-12	36/4-20	36/4-20	36/9-16	36/5-14	36/5-24	36/9-12	36/5-14	36/5-20
701	746	36/5-7	36/4-10	36/4-16	36/4-18	36/9-12	36/5-12	36/5-20	36/9-10	36/5-12	36/5-16
750	798	36/9-14	36/5-12	36/4-14	36/4-14	36/9-10	36/9-24	36/5-18	36/9-8	36/9-24	36/5-14
802	854	36/9-12	36/5-10	36/4-12	36/4-12	36/9-8	36/9-20	36/9-60	36/9-8	36/9-20	36/5-12
859	914	36/9-10	36/5-8	36/4-10	36/5-16	36/9-8	36/9-18	36/9-42	36/9-6	36/9-16	36/9-24
919	977	36/9-8	36/5-8	36/5-12	36/5-14	36/9-6	36/9-14	36/9-30	36/11-7	36/9-14	36/9-20
983	1 046	36/9-7	36/9-16	36/5-10	36/5-12	36/11-7	36/9-12	36/9-24	36/11-6	36/7-8	36/9-16
1 052	1 119	36/9-6	36/9-12	36/5-8	36/5-10	36/11-6	36/9-10	36/9-18		36/9-10	36/9-14
1 126	1 197	36/9-5	36/9-10	36/5-8	36/5-8	36/9-4	36/9-8	36/11-20		36/9-8	36/9-12
1 204	1 281	36/11-6	36/9-8	36/9-14	36/5-7	36/11-4	36/9-7	36/11-18		36/9-7	36/9-10
1 379	1 467	36/11-4	36/9-6	36/9-10	36/9-12	36/11-3	36/11-7	36/11-12		36/11-6	36/9-7
1 579	1 679	36/11-3Z	36/11-6	36/9-7	36/9-8						36/11-7
1 807	1 923		36/11-4	36/9-5	36/9-6						
2 069	2 201		36/11-3	36/9-4	36/11-6						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Tables optimisées de la résistance au cisaillement du diaphragme 3.5.5

Portée : 6 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couturage (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
207	221	36/3-72	36/3-72	36/3-72	36/3-72	36/3-60	36/4-72	36/4-72	36/4-60	36/4-72	36/4-72
222	236	36/3-72	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-48	36/4-72	36/4-72
237	253	36/3-48	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
254	270	36/3-42	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
272	289	36/3-36	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-30	36/4-72	36/4-72
291	309	36/3-30	36/3-72	36/3-72	36/3-72	36/3-20	36/4-72	36/4-72	36/4-24	36/4-60	36/4-72
311	331	36/3-24	36/3-48	36/3-72	36/3-72	36/3-16	36/4-60	36/4-72	36/4-20	36/4-48	36/4-72
333	354	36/3-20	36/3-42	36/3-72	36/3-72	36/3-14	36/4-48	36/4-72	36/4-18	36/4-42	36/4-60
356	379	36/3-16	36/3-36	36/3-72	36/3-72	36/3-12	36/4-42	36/4-72	36/4-16	36/4-36	36/4-48
381	406	36/4-20	36/3-30	36/3-48	36/3-60	36/4-16	36/4-30	36/4-60	36/4-14	36/4-30	36/4-48
408	434	36/4-18	36/3-24	36/3-42	36/3-48	36/4-14	36/4-24	36/4-48	36/4-12	36/4-24	36/4-36
437	464	36/4-14	36/3-20	36/3-36	36/3-36	36/4-12	36/4-24	36/4-42	36/5-14	36/4-20	36/4-30
467	497	36/4-12	36/3-16	36/3-30	36/3-30	36/5-14	36/4-20	36/4-36	36/5-12	36/4-20	36/4-30
500	532	36/5-16	36/3-14	36/3-24	36/3-24	36/5-12	36/4-18	36/4-30	36/9-24	36/4-16	36/4-24
535	569	36/5-14	36/4-18	36/3-20	36/3-20	36/5-10	36/4-14	36/4-24	36/9-20	36/4-14	36/4-20
572	609	36/5-12	36/4-16	36/3-16	36/3-18	36/9-20	36/5-18	36/4-20	36/9-16	36/5-18	36/4-18
612	651	36/5-10	36/4-14	36/4-20	36/4-24	36/9-16	36/5-16	36/4-18	36/9-14	36/5-14	36/4-14
655	697	36/5-8	36/4-12	36/4-18	36/4-20	36/9-14	36/5-14	36/5-24	36/9-12	36/5-12	36/5-18
701	746	36/5-7	36/4-10	36/4-16	36/4-16	36/9-12	36/5-12	36/5-20	36/9-10	36/9-24	36/5-16
750	798	36/9-14	36/5-12	36/4-12	36/4-14	36/9-10	36/9-24	36/9-48	36/9-8	36/9-20	36/5-14
802	854	36/9-10	36/5-10	36/5-16	36/4-12	36/9-8	36/9-18	36/9-42	36/9-7	36/9-18	36/5-12
859	914	36/9-8	36/5-8	36/5-14	36/4-10	36/9-7	36/9-16	36/9-30	36/9-6	36/9-14	36/7-14
919	977	36/9-8	36/5-7	36/5-12	36/5-12	36/9-6	36/9-12	36/9-24	36/11-7	36/9-12	36/9-18
983	1 046	36/9-7	36/9-14	36/5-10	36/5-10	36/11-7	36/9-10	36/9-20	36/11-6	36/9-10	36/9-16
1 052	1 119	36/9-6	36/9-12	36/5-8	36/5-8	36/11-6	36/9-8	36/11-24		36/9-8	36/9-12
1 126	1 197	36/9-5	36/9-10	36/5-7	36/5-8	36/11-5	36/9-8	36/11-18		36/9-8	36/7-8
1 289	1 371	36/11-5	36/9-7	36/9-12	36/9-12	36/11-3	36/9-6	36/11-12		36/11-7	36/9-8
1 475	1 570	36/11-3	36/11-7	36/9-8	36/9-8						36/9-6
1 689	1 797		36/11-5	36/9-6	36/9-7						36/11-6
1 934	2 057		36/11-3	36/11-6	36/9-5						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Portée : 6 pi 6 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couturage (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
194	206	36/3-72	36/3-72	36/3-78	36/3-78	36/3-60	36/4-72	36/4-78	36/4-60	36/4-72	36/4-72
207	221	36/3-72	36/3-72	36/3-78	36/3-78	36/3-48	36/4-72	36/4-78	36/4-48	36/4-72	36/4-72
222	236	36/3-60	36/3-72	36/3-78	36/3-78	36/3-42	36/4-72	36/4-78	36/4-48	36/4-72	36/4-72
237	253	36/3-48	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
254	270	36/3-36	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-30	36/4-72	36/4-72
272	289	36/3-30	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-24	36/4-72	36/4-72
291	309	36/3-24	36/3-60	36/3-72	36/3-72	36/3-20	36/4-60	36/4-72	36/4-24	36/4-60	36/4-72
311	331	36/3-20	36/3-48	36/3-72	36/3-72	36/3-16	36/4-48	36/4-72	36/4-20	36/4-48	36/4-72
333	354	36/3-18	36/3-36	36/3-72	36/3-72	36/3-14	36/4-42	36/4-72	36/4-18	36/4-42	36/4-60
356	379	36/3-16	36/3-30	36/3-60	36/3-60	36/4-18	36/4-36	36/4-72	36/4-16	36/4-30	36/4-48
381	406	36/4-20	36/3-24	36/3-48	36/3-48	36/4-14	36/4-30	36/4-48	36/5-18	36/4-30	36/4-42
408	434	36/4-16	36/3-24	36/3-36	36/3-42	36/5-18	36/4-24	36/4-48	36/5-16	36/4-24	36/4-36
437	464	36/4-14	36/3-20	36/3-30	36/3-36	36/5-16	36/4-20	36/4-36	36/5-14	36/4-20	36/4-30
467	497	36/5-18	36/3-16	36/3-24	36/3-30	36/5-12	36/4-20	36/4-30	36/5-12	36/4-18	36/4-24
500	532	36/5-14	36/4-20	36/3-20	36/3-24	36/5-12	36/4-16	36/4-24	36/9-20	36/4-16	36/4-24
535	569	36/5-12	36/4-18	36/3-18	36/3-20	36/5-10	36/4-14	36/4-24	36/9-18	36/4-14	36/4-20
572	609	36/4-8	36/4-14	36/3-16	36/3-16	36/9-18	36/5-18	36/4-20	36/9-14	36/4-12	36/4-18
612	651	36/5-10	36/5-18	36/4-20	36/3-14	36/9-14	36/5-14	36/4-18	36/9-12	36/5-14	36/4-14
655	697	36/5-8	36/5-16	36/4-18	36/4-18	36/9-12	36/5-12	36/5-20	36/9-10	36/5-12	36/5-18
701	746	36/5-7	36/5-14	36/4-14	36/4-16	36/9-10	36/9-24	36/5-18	36/7-7	36/7-14	36/5-16
750	798	36/9-12	36/5-12	36/5-18	36/4-14	36/9-8	36/9-20	36/9-42	36/9-8	36/9-18	36/5-14
802	854	36/9-10	36/5-10	36/5-16	36/4-12	36/9-8	36/9-16	36/9-30	36/9-7	36/9-16	36/5-12
859	914	36/9-8	36/5-8	36/5-12	36/5-14	36/9-7	36/9-14	36/9-24	36/9-6	36/9-14	36/7-14
919	977	36/9-8	36/5-7	36/5-12	36/5-12	36/9-6	36/9-12	36/9-20	36/11-7	36/9-12	36/7-12
983	1 046	36/9-6	36/9-12	36/5-10	36/5-10	36/9-5	36/9-10	36/9-18	36/11-6	36/9-10	36/9-14
1 052	1 119	36/11-7	36/7-8	36/5-8	36/9-20	36/11-5	36/9-8	36/11-20		36/9-8	36/9-12
1 204	1 281	36/9-4	36/9-8	36/9-12	36/9-14	36/11-4	36/9-6	36/11-14		36/9-6	36/7-7
1 379	1 467	36/11-4	36/9-6	36/7-7	36/9-10	36/11-3	36/11-6			36/11-6	36/9-7
1 579	1 679	36/11-3	36/9-4	36/9-7	36/9-7						36/11-7
1 807	1 923		36/11-4	36/9-5	36/11-7						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

3.5.5 Tables optimisées de la résistance au cisaillement du diaphragme

Portée = 7 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forçés sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
194	206	36/3-72	36/3-72	36/3-84	36/3-84	36/3-48	36/4-72	36/4-84	36/4-60	36/4-72	36/4-72
207	221	36/3-60	36/3-72	36/3-84	36/3-84	36/3-48	36/4-72	36/4-84	36/4-48	36/4-72	36/4-72
222	236	36/3-48	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
237	253	36/3-42	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
254	270	36/3-36	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-30	36/4-72	36/4-72
272	289	36/3-30	36/3-60	36/3-72	36/3-72	36/3-20	36/4-60	36/4-72	36/4-24	36/4-60	36/4-72
291	309	36/3-24	36/3-48	36/3-72	36/3-72	36/3-18	36/4-48	36/4-72	36/4-20	36/4-48	36/4-72
311	331	36/3-20	36/3-42	36/3-72	36/3-72	36/3-16	36/4-48	36/4-72	36/4-20	36/4-42	36/4-60
333	354	36/3-18	36/3-36	36/3-60	36/3-72	36/4-20	36/4-36	36/4-72	36/4-16	36/4-36	36/4-48
356	379	36/3-14	36/3-30	36/3-48	36/3-60	36/4-16	36/4-30	36/4-60	36/4-14	36/4-30	36/4-48
381	406	36/4-18	36/3-24	36/3-42	36/3-48	36/4-14	36/4-30	36/4-48	36/5-18	36/4-24	36/4-42
408	434	36/4-16	36/3-20	36/3-36	36/3-36	36/4-12	36/4-24	36/4-42	36/5-14	36/4-24	36/4-36
437	464	36/4-14	36/3-18	36/3-30	36/3-30	36/5-14	36/4-20	36/4-36	36/5-12	36/4-20	36/4-30
467	497	36/4-12	36/3-16	36/3-24	36/3-24	36/5-12	36/4-18	36/4-30	36/9-24	36/4-18	36/4-24
500	532	36/5-14	36/4-20	36/3-20	36/3-24	36/5-10	36/4-16	36/4-24	36/9-20	36/4-16	36/4-20
535	569	36/5-12	36/4-16	36/3-18	36/3-20	36/5-10	36/4-14	36/4-20	36/9-16	36/4-14	36/4-20
572	609	36/5-10	36/4-14	36/3-14	36/3-16	36/9-16	36/4-12	36/4-20	36/9-14	36/4-12	36/4-16
612	651	36/9-18	36/4-12	36/4-20	36/3-14	36/9-14	36/5-14	36/5-24	36/9-12	36/5-14	36/4-14
655	697	36/5-8	36/5-14	36/4-16	36/4-18	36/9-12	36/5-12	36/5-20	36/9-10	36/5-12	36/5-18
701	746	36/5-7	36/5-12	36/4-14	36/4-16	36/9-10	36/9-20	36/5-18	36/7-7	36/9-20	36/5-14
750	798	36/5-6	36/4-8	36/4-12	36/4-14	36/9-8	36/9-18	36/9-36	36/9-8	36/9-18	36/5-12
802	854	36/9-10	36/5-10	36/5-14	36/4-12	36/9-7	36/9-16	36/7-16	36/9-7	36/9-14	36/7-14
859	914	36/9-8	36/5-8	36/5-12	36/5-14	36/11-8	36/9-12	36/9-24	36/9-6	36/9-12	36/9-18
919	977	36/9-7	36/9-14	36/5-10	36/5-12	36/9-6	36/9-10	36/9-20	36/11-6	36/9-10	36/7-12
983	1 046	36/9-6	36/9-12	36/5-10	36/5-10	36/9-5	36/9-10	36/11-20		36/7-7	36/9-14
1 052	1 119	36/11-7	36/9-10	36/5-8	36/9-18	36/11-5	36/9-8	36/11-18		36/9-8	36/9-12
1 204	1 281	36/11-5	36/9-8	36/9-12	36/9-12	36/11-4	36/11-8	36/11-12		36/11-8	36/7-7
1 379	1 467	36/11-4	36/9-6	36/9-8	36/9-10	36/11-3	36/11-6			36/11-6	36/9-7
1 579	1 679		36/11-5	36/9-6	36/9-7						36/11-6
1 807	1 923		36/11-4	36/9-5	36/11-7						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Portée = 7 pi 6 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forçés sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
181	193	36/3-72	36/3-72	36/3-90	36/3-90	36/3-60	36/4-72	36/4-90	36/4-60	36/4-72	36/4-72
194	206	36/3-72	36/3-72	36/3-90	36/3-90	36/3-48	36/4-72	36/4-90	36/4-48	36/4-72	36/4-72
207	221	36/3-60	36/3-72	36/3-72	36/3-72	36/3-42	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
222	236	36/3-48	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
237	253	36/3-36	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-30	36/4-72	36/4-72
254	270	36/3-30	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-30	36/4-60	36/4-72
272	289	36/3-24	36/3-60	36/3-72	36/3-72	36/3-20	36/4-60	36/4-72	36/4-24	36/4-48	36/4-72
291	309	36/3-24	36/3-48	36/3-72	36/3-72	36/3-18	36/4-48	36/4-72	36/4-20	36/4-48	36/4-72
311	331	36/3-20	36/3-42	36/3-72	36/3-72	36/3-14	36/4-42	36/4-72	36/4-18	36/4-42	36/4-60
333	354	36/3-18	36/3-36	36/3-60	36/3-60	36/4-18	36/4-36	36/4-60	36/4-16	36/4-36	36/4-48
356	379	36/3-14	36/3-30	36/3-48	36/3-48	36/4-16	36/4-30	36/4-48	36/5-20	36/4-30	36/4-42
381	406	36/4-18	36/3-24	36/3-42	36/3-42	36/4-14	36/4-24	36/4-48	36/5-16	36/4-24	36/4-36
408	434	36/4-16	36/3-20	36/3-30	36/3-36	36/5-16	36/4-24	36/4-36	36/5-14	36/4-20	36/4-30
437	464	36/4-14	36/3-18	36/3-30	36/3-30	36/5-14	36/4-20	36/4-30	36/5-12	36/4-20	36/4-30
467	497	36/5-16	36/3-14	36/3-24	36/3-24	36/5-12	36/4-18	36/4-30	36/7-14	36/4-18	36/4-24
500	532	36/5-14	36/4-18	36/3-20	36/3-20	36/5-10	36/4-16	36/4-24	36/9-18	36/5-20	36/4-20
535	569	36/5-12	36/4-16	36/3-18	36/3-20	36/9-18	36/4-14	36/4-20	36/9-16	36/5-18	36/4-20
572	609	36/5-10	36/4-14	36/3-14	36/3-16	36/5-8	36/5-16	36/4-18	36/9-12	36/5-16	36/4-16
612	651	36/5-8	36/5-16	36/4-18	36/4-20	36/5-7	36/5-14	36/5-20	36/9-12	36/5-12	36/5-20
655	697	36/5-8	36/5-14	36/4-16	36/4-18	36/9-10	36/5-12	36/5-20	36/9-10	36/5-12	36/5-16
701	746	36/5-7	36/5-12	36/4-14	36/5-20	36/9-10	36/9-20	36/9-36	36/9-8	36/9-18	36/5-14
750	798	36/5-6	36/5-10	36/5-16	36/5-18	36/9-8	36/9-16	36/7-18	36/9-7	36/9-16	36/5-12
802	854	36/7-7	36/9-18	36/5-14	36/5-16	36/9-7	36/9-14	36/7-16	36/11-8	36/9-14	36/7-14
859	914	36/9-8	36/5-8	36/5-12	36/5-14	36/11-8	36/9-12	36/7-14	36/9-6	36/9-12	36/9-18
919	977	36/9-7	36/5-7	36/5-10	36/5-12	36/11-7	36/9-10	36/9-18	36/11-6	36/9-10	36/9-14
983	1 046	36/9-6	36/5-6	36/9-18	36/5-10	36/9-5	36/7-7	36/11-20		36/7-7	36/7-10
1 126	1 197	36/11-6	36/9-8	36/5-7	36/9-14	36/11-4	36/9-7	36/11-14		36/9-7	36/9-10
1 289	1 371		36/11-8	36/9-10	36/7-8		36/11-6			36/11-6	36/9-7
1 475	1 570		36/9-5	36/9-7	36/9-8						36/11-7
1 689	1 797			36/11-7	36/9-6						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Tables optimisées de la résistance au cisaillement du diaphragme 3.5.5

Portée = 8 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
181	193	36/3-72	36/3-72	36/3-72	36/3-96	36/3-48	36/4-72	36/4-96	36/4-48	36/4-72	36/4-72
194	206	36/3-60	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-48	36/4-72	36/4-72
207	221	36/3-48	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
222	236	36/3-42	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
237	253	36/3-36	36/3-72	36/3-72	36/3-72	36/3-24	36/4-72	36/4-72	36/4-30	36/4-72	36/4-72
254	270	36/3-30	36/3-60	36/3-72	36/3-72	36/3-24	36/4-60	36/4-72	36/4-24	36/4-60	36/4-72
272	289	36/3-24	36/3-48	36/3-72	36/3-72	36/3-20	36/4-48	36/4-72	36/4-24	36/4-48	36/4-72
291	309	36/3-20	36/3-42	36/3-72	36/3-72	36/3-18	36/4-42	36/4-72	36/4-20	36/4-42	36/4-60
311	331	36/3-20	36/3-36	36/3-60	36/3-72	36/4-20	36/4-36	36/4-60	36/4-18	36/4-36	36/4-48
333	354	36/3-16	36/3-30	36/3-48	36/3-60	36/4-18	36/4-36	36/4-60	36/4-16	36/4-30	36/4-48
356	379	36/4-20	36/3-24	36/3-42	36/3-48	36/4-16	36/4-30	36/4-48	36/4-14	36/4-30	36/4-42
381	406	36/4-16	36/3-24	36/3-36	36/3-42	36/4-14	36/4-24	36/4-42	36/5-16	36/4-24	36/4-36
408	434	36/5-20	36/3-20	36/3-30	36/3-36	36/5-16	36/4-20	36/4-36	36/5-14	36/4-20	36/4-30
437	464	36/5-16	36/3-18	36/3-24	36/3-30	36/5-14	36/4-20	36/4-30	36/5-12	36/4-20	36/4-24
467	497	36/5-14	36/4-20	36/3-24	36/3-24	36/5-12	36/4-18	36/4-24	36/9-20	36/4-16	36/4-24
500	532	36/4-10	36/4-18	36/3-20	36/3-20	36/5-10	36/5-20	36/4-24	36/7-12	36/5-20	36/4-20
535	569	36/5-12	36/4-16	36/4-24	36/3-18	36/9-16	36/5-18	36/4-20	36/9-14	36/5-16	36/4-18
572	609	36/5-10	36/4-14	36/4-20	36/3-16	36/5-8	36/4-12	36/4-18	36/9-12	36/5-14	36/4-16
612	651	36/5-8	36/5-16	36/4-18	36/4-20	36/9-12	36/5-12	36/5-20	36/9-10	36/5-12	36/4-14
655	697	36/5-8	36/5-14	36/4-16	36/4-16	36/9-10	36/5-12	36/5-18	36/9-10	36/7-14	36/5-16
701	746	36/9-12	36/5-12	36/4-14	36/5-20	36/7-7	36/9-18	36/7-18	36/9-8	36/9-18	36/5-14
750	798	36/9-10	36/5-10	36/5-16	36/5-16	36/9-8	36/9-16	36/7-16	36/9-7	36/9-14	36/5-12
802	854	36/7-7	36/5-8	36/5-14	36/5-14	36/9-7	36/9-14	36/9-24	36/11-8	36/7-10	36/7-14
859	914	36/9-8	36/5-8	36/5-12	36/4-10	36/9-6	36/9-12	36/9-20	36/11-7	36/9-12	36/7-12
919	977	36/9-7	36/5-7	36/5-10	36/5-10	36/9-5	36/9-10	36/7-12	36/11-6	36/9-10	36/9-14
983	1 046	36/9-6	36/7-8	36/5-8	36/5-10	36/11-6	36/7-7	36/11-18		36/7-7	36/7-10
1 126	1 197	36/11-5	36/9-8	36/5-7	36/7-10	36/11-4	36/9-7	36/11-12		36/9-7	36/9-10
1 289	1 371		36/9-6	36/7-7	36/7-8		36/11-6			36/11-6	36/9-7
1 475	1 570			36/9-7	36/9-8						36/11-7
1 689	1 797			36/9-5	36/9-6						

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

Portée : 9 pi 6 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
169	180	36/3-72	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-48	36/4-72	36/4-72
181	193	36/3-60	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-48	36/4-72	36/4-72
194	206	36/3-48	36/3-72	36/3-72	36/3-72	36/3-42	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
207	221	36/3-42	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
222	236	36/3-36	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-30	36/4-60	36/4-72
237	253	36/3-30	36/3-60	36/3-72	36/3-72	36/3-24	36/4-60	36/4-72	36/4-30	36/4-60	36/4-72
254	270	36/3-30	36/3-48	36/3-72	36/3-72	36/3-20	36/4-48	36/4-72	36/4-24	36/4-48	36/4-72
272	289	36/3-24	36/3-48	36/3-72	36/3-72	36/3-20	36/4-42	36/4-72	36/4-20	36/4-42	36/4-60
291	309	36/3-20	36/3-42	36/3-60	36/3-72	36/3-16	36/4-42	36/4-60	36/4-20	36/4-36	36/4-60
311	331	36/3-18	36/3-36	36/3-48	36/3-60	36/4-18	36/4-36	36/4-48	36/4-18	36/4-36	36/4-48
333	354	36/3-16	36/3-30	36/3-48	36/3-48	36/4-16	36/4-30	36/4-48	36/4-16	36/4-30	36/4-42
356	379	36/4-18	36/3-24	36/3-36	36/3-42	36/4-14	36/4-24	36/4-42	36/4-14	36/4-24	36/4-36
381	406	36/4-16	36/3-20	36/3-36	36/3-36	36/5-16	36/4-24	36/4-36	36/4-12	36/4-24	36/4-30
408	434	36/4-14	36/3-20	36/3-30	36/3-30	36/5-14	36/4-20	36/4-30	36/5-14	36/4-20	36/4-30
437	464	36/5-16	36/3-16	36/3-24	36/3-24	36/4-10	36/4-18	36/4-30	36/5-12	36/4-18	36/4-24
467	497	36/5-14	36/4-20	36/3-20	36/3-24	36/5-10	36/4-16	36/4-24	36/9-18	36/4-16	36/4-24
500	532	36/4-10	36/4-16	36/3-18	36/3-20	36/5-10	36/4-14	36/4-20	36/9-14	36/4-14	36/4-20
535	569	36/5-10	36/4-14	36/3-16	36/3-18	36/9-14	36/5-16	36/4-20	36/7-10	36/5-16	36/4-18
572	609	36/5-10	36/5-16	36/4-20	36/4-20	36/5-8	36/5-14	36/4-18	36/9-12	36/5-14	36/4-16
612	651	36/5-8	36/4-12	36/4-16	36/4-18	36/5-7	36/5-12	36/5-20	36/9-10	36/5-12	36/4-14
655	697	36/9-12	36/4-10	36/4-14	36/4-16	36/9-10	36/9-18	36/7-20	36/9-8	36/9-18	36/5-16
701	746	36/9-10	36/5-12	36/5-16	36/4-14	36/9-8	36/9-16	36/7-18	36/9-8	36/9-16	36/5-14
750	798	36/7-7	36/5-10	36/4-12	36/5-16	36/9-7	36/9-14	36/7-16	36/9-7	36/9-14	36/5-12
802	854	36/9-8	36/5-8	36/4-10	36/5-14	36/9-7	36/9-12	36/9-20	36/9-6	36/9-12	36/7-14
859	914	36/9-7	36/5-8	36/5-12	36/5-12	36/9-6	36/9-10	36/9-18	36/11-6	36/9-10	36/9-16
919	977		36/5-7	36/5-10	36/5-10		36/9-10	36/11-18		36/9-8	36/9-14
1 052	1 119		36/7-7	36/5-8	36/5-8		36/9-7	36/11-14		36/9-7	36/9-10
1 204	1 281			36/9-10	36/9-10						36/9-8
1 379	1 467			36/9-8	36/7-7						36/11-8
1 579	1 679			36/9-6	36/11-8						36/11-6

* Veuillez vous reporter aux notes en bas de page à la fin de la présente section, à la page 144.

3.5.5 Tables optimisées de la résistance au cisaillement du diaphragme

Portée = 10 pi 0 po											
Résistance de calcul admissible du diaphragme, plf*		Patron de fixation d'ossature pour pistolet de scellement à poudre Hilti recommandé – Entraxe des vis de couture (SLC) Hilti (entraxe, po)*									
		X-ENP-19 avec $t_f \geq 1/4$ po				X-EDN19* avec $3/16$ po $\leq t_f \leq 3/8$ po			X-EDNK22 avec $1/8$ po $\leq t_f < 3/16$ po		
S_{ASD} (forces sismiques)	S_{ASD} (vent)	Cal. 22	Cal. 20	Cal. 18	Cal. 16	Cal. 22	Cal. 20	Cal. 18	Cal. 22	Cal. 20	Cal. 18
138	147	36/3-72	36/3-72	36/3-120	36/3-120	36/3-72	36/4-72	36/4-120	36/4-72	36/4-72	36/4-72
148	157	36/3-72	36/3-72	36/3-72	36/3-72	36/3-60	36/4-72	36/4-72	36/4-60	36/4-72	36/4-72
158	168	36/3-72	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-60	36/4-72	36/4-72
169	180	36/3-60	36/3-72	36/3-72	36/3-72	36/3-48	36/4-72	36/4-72	36/4-48	36/4-72	36/4-72
181	193	36/3-48	36/3-72	36/3-72	36/3-72	36/3-42	36/4-72	36/4-72	36/4-42	36/4-72	36/4-72
194	206	36/3-48	36/3-72	36/3-72	36/3-72	36/3-36	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
207	221	36/3-42	36/3-72	36/3-72	36/3-72	36/3-30	36/4-72	36/4-72	36/4-36	36/4-72	36/4-72
222	236	36/3-36	36/3-60	36/3-72	36/3-72	36/3-24	36/4-60	36/4-72	36/4-30	36/4-60	36/4-72
237	253	36/3-30	36/3-48	36/3-72	36/3-72	36/3-24	36/4-48	36/4-72	36/4-24	36/4-48	36/4-72
254	270	36/3-24	36/3-48	36/3-72	36/3-72	36/3-20	36/4-48	36/4-72	36/4-24	36/4-48	36/4-60
272	289	36/3-24	36/3-42	36/3-60	36/3-72	36/4-24	36/4-42	36/4-60	36/4-20	36/4-42	36/4-60
291	309	36/3-20	36/3-36	36/3-48	36/3-60	36/3-16	36/4-36	36/4-60	36/4-18	36/4-36	36/4-48
311	331	36/3-18	36/3-30	36/3-48	36/3-48	36/4-18	36/4-30	36/4-48	36/4-16	36/4-30	36/4-48
333	354	36/3-16	36/3-24	36/3-42	36/3-48	36/4-16	36/4-30	36/4-42	36/4-14	36/4-30	36/4-42
356	379	36/4-18	36/3-24	36/3-36	36/3-42	36/4-14	36/4-24	36/4-36	36/5-16	36/4-24	36/4-36
381	406	36/4-16	36/3-20	36/3-30	36/3-36	36/5-16	36/4-20	36/4-36	36/4-12	36/4-20	36/4-30
408	434	36/4-14	36/3-18	36/3-24	36/3-30	36/5-14	36/4-20	36/4-30	36/5-12	36/4-20	36/4-30
437	464	36/4-12	36/3-16	36/3-24	36/3-24	36/4-10	36/4-18	36/4-24	36/9-18	36/4-18	36/4-24
467	497	36/4-10	36/4-18	36/3-20	36/3-24	36/5-10	36/4-16	36/4-24	36/9-16	36/4-16	36/4-20
500	532	36/5-12	36/4-16	36/3-18	36/3-20	36/5-10	36/4-14	36/4-20	36/9-14	36/4-14	36/4-20
535	569	36/5-10	36/4-14	36/3-16	36/3-16	36/9-14	36/5-16	36/4-18	36/7-10	36/5-16	36/4-18
572	609	36/9-14	36/5-16	36/4-18	36/4-20	36/9-12	36/5-14	36/5-20	36/9-10	36/5-14	36/4-16
612	651	36/5-8	36/5-14	36/4-16	36/4-18	36/9-10	36/5-12	36/5-18	36/9-10	36/5-12	36/5-18
655	697	36/5-7	36/4-10	36/4-14	36/4-16	36/9-8	36/9-16	36/7-18	36/9-8	36/9-16	36/5-16
701	746	36/9-10	36/5-10	36/5-16	36/4-14	36/9-8	36/9-14	36/9-24	36/9-7	36/9-14	36/5-14
750	798		36/5-10	36/5-14	36/5-16		36/7-10	36/9-20		36/7-10	36/5-12
859	914		36/9-12	36/5-10	36/5-12		36/9-10	36/7-12		36/9-10	36/7-12
983	1 046			36/9-14	36/9-14			36/11-14			36/9-12
1 126	1 197			36/9-10	36/9-12						36/9-8
1 289	1 371			36/7-7	36/7-7						36/9-7

- 1 Valeurs de S_{ASD} (forces sismiques) calculées en utilisant un coefficient de sécurité (Ω) de 2,50 pour les charges sismiques. Pour S_{LRFD} (forces sismiques)*, multiplier S_{ASD} (forces sismiques) par 2,50, puis par un facteur de résistance (Φ) de 0,65. Pour S_{ASD} (forces sismiques)*, multiplier S_{ASD} (forces sismiques) par 2,50, puis par un facteur de résistance (Φ) de 0,60.
- 2 Valeurs de S_{ASD} (vent) calculées en utilisant un coefficient de sécurité (Ω) de 2,35 pour les charges sismiques. Pour S_{LRFD} (vent)*, multiplier S_{ASD} (vent) par 2,35, puis par un facteur de résistance (Φ) de 0,70. Pour S_{ASD} (vent)*, multiplier S_{ASD} (vent) par 2,35, puis par un facteur de résistance (Φ) de 0,65.
- 3 Les patrons de fixation figurant au tableau s'appliquent aux tabliers en acier des types B et BI à résistance normale ($F_y \geq 33$ ksi; $F_u \geq 45$ ksi) ou à haute résistance ($F_y \geq 80$ ksi; $F_u \geq 92$ ksi) de 1 1/2 po d'épaisseur, entraxe de 6 po.
- 4 Avec $t_f \leq 1/4$ po, X-EDNK22 peut être utilisé à la place de X-EDN19
- 5 Au périmètre du diaphragme, l'entraxe des fixateurs d'ossature pistoscellés Hilti doit être identique à celui des vis de couture.
- 6 Le flambage du panneau a été contrôlé. La rigidité au cisaillement du diaphragme doit être calculée séparément. Se reporter à la section 3.5.1.8.
- 7 Il est permis d'interpoler les valeurs de résistance au cisaillement du diaphragme entre les dimensions des portées, les entraxes des vis de couture et le calibre du tablier. Sinon, utiliser les calculs établis à la section 3.5.1.8 pour déterminer directement les capacités de cisaillement du diaphragme.
- 8 D'autres patrons de fixation de diaphragme et d'options de fixation optimisées peuvent être mis en œuvre à l'aide du logiciel Profis DF Diaphragm de Hilti, version 2.0. Communiquer avec les Services techniques de Hilti ou consulter le site www.us.hilti.com/decking (États-Unis) ou www.hilti.ca/decking (Canada) pour obtenir plus de renseignements.
- 9 Pour convertir les valeurs de l'entraxe des vis de couture (SS) au nombre de vis de couture par portée (SPS), utiliser la formule suivante : $SPS = ((\text{portée, pi}) \times 12) / (SS, \text{po})$. Arrondir à la vis de couture entière la plus près.
- 10 Pour les tabliers en acier de calibre 16 ou les tabliers en acier de calibre 18 ayant une résistance à la traction élevée ($f_u > 65$ ksi), utiliser les vis S-SLC 02 M HWH. Pour obtenir plus de renseignements sur les vis de couture Hilti, se reporter à la section 3.5.4.
- 11 Pour des valeurs de charge de cisaillement du diaphragme utilisant des vis HWH n° 10 Hilti, utiliser le logiciel Profis DF Diaphragm de Hilti ou communiquer avec Hilti au numéro 877-749-6337 ou consulter le site Webdeck.hilti.com.