

13,411

VALEURS DU COEFFICIENT DE FLAMBEMENT
 k EN FONCTION DE L'ÉLANCEMENTTableau 1. — Valeurs de k pour $\sigma_e = 24 \text{ daN/mm}^2$ $\sigma_e = 24$

Élancement λ	0	1	2	3	4	5	6	7	8	9
0	1,000	1,000	1,000	1,000	1,001	1,001	1,001	1,002	1,002	1,003
10	1,004	1,004	1,005	1,006	1,007	1,008	1,009	1,010	1,012	1,013
20	1,015	1,016	1,018	1,019	1,021	1,023	1,025	1,028	1,030	1,032
30	1,035	1,037	1,040	1,043	1,046	1,049	1,052	1,056	1,060	1,063
40	1,067	1,071	1,076	1,080	1,085	1,090	1,095	1,100	1,105	1,111
50	1,117	1,123	1,130	1,137	1,144	1,151	1,159	1,166	1,175	1,183
60	1,192	1,201	1,211	1,221	1,231	1,242	1,253	1,265	1,277	1,289
70	1,302	1,315	1,328	1,342	1,357	1,372	1,387	1,403	1,420	1,436
80	1,453	1,471	1,489	1,508	1,527	1,547	1,567	1,587	1,608	1,629
90	1,651	1,674	1,696	1,719	1,743	1,767	1,792	1,817	1,842	1,868
100	1,894	1,921	1,947	1,975	2,003	2,031	2,060	2,089	2,118	2,148
110	2,178	2,209	2,240	2,271	2,303	2,335	2,367	2,400	2,433	2,467
120	2,501	2,535	2,570	2,605	2,640	2,676	2,712	2,748	2,785	2,822
130	2,860	2,897	2,938	2,974	3,013	3,052	3,091	3,131	3,172	3,212
140	3,253	3,294	3,335	3,377	3,419	3,462	3,504	3,548	3,591	3,635
150	3,679	3,723	3,768	3,813	3,858	3,904	3,950	3,997	4,043	4,090
160	4,137	4,18	4,23	4,28	4,33	4,38	4,43	4,48	4,53	4,58
170	4,63	4,68	4,73	4,78	4,83	4,88	4,94	4,99	5,04	5,09
180	5,15	5,20	5,26	5,31	5,36	5,42	5,48	5,53	5,59	5,64
190	5,70	5,76	5,81	5,87	5,93	5,99	6,05	6,11	6,16	6,22
200	6,28	6,34	6,40	6,46	6,53	6,59	6,65	6,71	6,77	6,84
210	6,90	6,96	7,03	7,09	7,15	7,22	7,28	7,35	7,41	7,48
220	7,54	7,61	7,67	7,74	7,81	7,88	7,94	8,01	8,08	8,15
230	8,22	8,29	8,36	8,43	8,49	8,57	8,64	8,71	8,78	8,85
240	8,92	8,99	9,07	9,14	9,21	9,29	9,36	9,43	9,51	9,58
250	9,66	9,74	9,81	9,88	9,96	10,04	10,11	10,19	10,27	10,35
260	10,43	10,50	10,58	10,66	10,74	10,82	10,90	10,98	11,06	11,14
270	11,22	11,30	11,38	11,47	11,55	11,63	11,71	11,80	11,88	11,96
280	12,05	12,13	12,22	12,30	12,39	12,47	12,56	12,64	12,73	12,82
290	12,90	12,99	13,08	13,17	13,26	13,35	13,44	13,52	13,61	13,71
300	13,79									

Tableau 2. — Valeurs de k pour $\sigma_e = 30 \text{ daN/mm}^2$ $\sigma_e = 30$

Élancement λ	0	1	2	3	4	5	6	7	8	9
0	1,000	1,000	1,000	1,000	1,001	1,001	1,002	1,002	1,003	1,004
10	1,004	1,005	1,006	1,008	1,009	1,010	1,012	1,013	1,015	1,017
20	1,018	1,020	1,023	1,025	1,027	1,030	1,032	1,035	1,038	1,041
30	1,045	1,048	1,052	1,056	1,060	1,064	1,068	1,073	1,078	1,083
40	1,088	1,094	1,100	1,106	1,112	1,119	1,126	1,134	1,141	1,149
50	1,158	1,167	1,176	1,186	1,196	1,206	1,217	1,229	1,240	1,253
60	1,266	1,279	1,293	1,307	1,322	1,338	1,354	1,371	1,388	1,406
70	1,424	1,443	1,462	1,482	1,503	1,524	1,546	1,568	1,591	1,614
80	1,639	1,664	1,689	1,715	1,741	1,768	1,795	1,823	1,852	1,881
90	1,910	1,940	1,971	2,002	2,034	2,067	2,098	2,131	2,165	2,199
100	2,234	2,269	2,304	2,340	2,376	2,413	2,451	2,488	2,526	2,565
110	2,604	2,644	2,684	2,724	2,765	2,806	2,848	2,890	2,933	2,976
120	3,019	3,063	3,107	3,152	3,197	3,243	3,288	3,335	3,382	3,429
130	3,476	3,524	3,573	3,621	3,671	3,720	3,770	3,821	3,871	3,923
140	3,974	4,026	4,078	4,131	4,184	4,238	4,292	4,346	4,401	4,456
150	4,512	4,568	4,624	4,681	4,738	4,795	4,853	4,912	4,970	5,029
160	5,089	5,149	5,209	5,269	5,330	5,392	5,454	5,516	5,578	5,641
170	5,705	5,768	5,832	5,897	5,962	6,027	6,093	6,159	6,225	6,292
180	6,359	6,427	6,494	6,563	6,631	6,700	6,770	6,840	6,910	6,981
190	7,052	7,123	7,195	7,267	7,339	7,412	7,486	7,560	7,633	7,708
200	7,782	7,858	7,933	8,009	8,085	8,162	8,239	8,317	8,395	8,473
210	8,551	8,630	8,710	8,790	8,870	8,950	9,031	9,112	9,194	9,276
220	9,358	9,441	9,524	9,608	9,692	9,776	9,861	9,946	10,031	10,12
230	10,20	10,29	10,38	10,46	10,55	10,64	10,73	10,82	10,91	11,00
240	11,09	11,18	11,27	11,36	11,45	11,54	11,63	11,73	11,82	11,91
250	12,01	12,10	12,20	12,29	12,39	12,48	12,58	12,67	12,77	12,87
260	12,96	13,06	13,16	13,26	13,36	13,46	13,56	13,66	13,76	13,86
270	13,96	14,06	14,16	14,27	14,37	14,47	14,58	14,68	14,79	14,89
280	15,00	15,10	15,21	15,31	15,42	15,53	15,63	15,74	15,85	15,96
290	16,07	16,18	16,29	16,40	16,51	16,62	16,73	16,84	16,95	17,06
300	17,18									

Tableau 3. — Valeurs de k pour $\sigma_e = 36 \text{ daN/mm}^2$ $\sigma_e = 36$

Élancement λ	0	1	2	3	4	5	6	7	8	9
0	1,000	1,000	1,000	1,000	1,001	1,001	1,002	1,003	1,003	1,004
10	1,005	1,006	1,008	1,009	1,011	1,012	1,014	1,016	1,018	1,020
20	1,022	1,025	1,027	1,030	1,033	1,036	1,040	1,043	1,047	1,051
30	1,055	1,059	1,064	1,069	1,074	1,079	1,085	1,091	1,097	1,104
40	1,111	1,118	1,126	1,134	1,143	1,152	1,161	1,171	1,181	1,192
50	1,204	2,116	1,228	1,241	1,255	1,269	1,284	1,299	1,315	1,332
60	1,349	1,368	1,386	1,406	1,426	1,447	1,468	1,490	1,513	1,537
70	1,561	1,586	1,612	1,638	1,665	1,693	1,721	1,750	1,780	1,810
80	1,841	1,873	1,905	1,938	1,972	2,006	2,040	2,076	2,111	2,148
90	2,185	2,223	2,261	2,300	2,339	2,379	2,419	2,460	2,502	2,544
100	2,586	2,630	2,673	2,717	2,762	2,807	2,853	2,899	2,946	2,993
110	3,041	3,089	3,138	3,187	3,237	3,287	3,338	3,389	3,441	3,493
120	3,546	3,600	3,653	3,707	3,762	3,817	3,873	3,929	3,985	4,043
130	4,100	4,158	4,216	4,275	4,335	4,395	4,455	4,516	4,578	4,639
140	4,701	4,764	4,828	4,891	4,955	5,020	5,085	5,151	5,217	5,283
150	5,350	5,418	5,485	5,554	5,622	5,691	5,762	5,832	5,903	5,973
160	6,045	6,12	6,19	6,26	6,34	6,41	6,48	6,56	6,63	6,71
170	6,79	6,86	6,94	7,02	7,09	7,17	7,25	7,33	7,41	7,49
180	7,57	7,65	7,73	7,82	7,90	7,98	8,07	8,15	8,24	8,32
190	8,40	8,49	8,58	8,66	8,75	8,84	8,93	9,02	9,10	9,19
200	9,28	9,37	9,47	9,56	9,65	9,74	9,83	9,92	10,02	10,11
210	10,21	10,30	10,40	10,49	10,59	10,69	10,78	10,88	10,98	11,08
220	11,18	11,27	11,38	11,48	11,57	11,68	11,78	11,88	11,98	12,09
230	12,19	12,29	12,40	12,50	12,61	12,72	12,82	12,93	13,03	13,14
240	13,25	13,36	13,47	13,58	13,69	13,80	13,91	14,02	14,13	14,25
250	14,36	14,47	14,58	14,70	14,81	14,92	15,04	15,16	15,27	15,39
260	15,51	15,62	15,74	15,86	15,98	16,10	16,22	16,34	16,46	16,58
270	16,70	16,82	16,95	17,07	17,19	17,32	17,44	17,57	17,69	17,82
280	17,95	18,07	18,20	18,33	18,45	18,58	18,71	18,84	18,97	19,10
290	19,23	19,36	19,49	19,63	19,76	19,89	20,02	20,16	20,29	20,43
300	20,56									