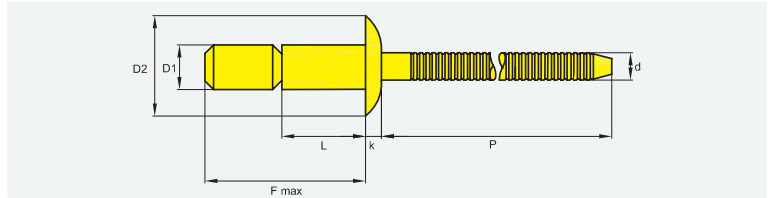
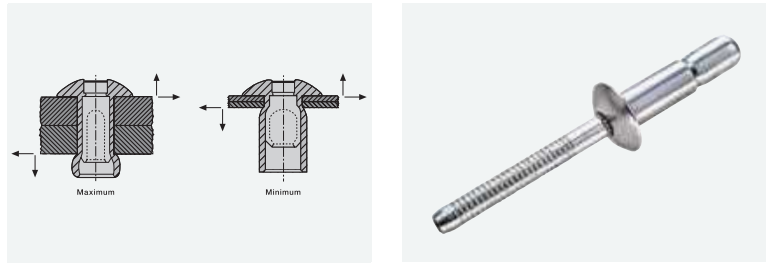


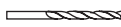
FLACHRUNDKOPF MIT GERILLEM NIETDORN DOMED HEAD WITH GROOVED MANDREL TÊTE PLATE CLOU CANNELÉ










Stahl verzinkt
Steel zinc plated
Acier zingué

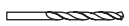
Stahl verzinkt
Steel zinc plated
Acier zingué








Ø 4,8 mm

D1 = 4,8 +/- 0,09 mm
D2 = 10,0 +/- 1,0 mm
k = 2,2 +/- 0,25 mm
d = 3,0 mm (Ref.)
P = ≥ 27,0 mm
L = +/- 0,99 mm
 4,9 - 5,1 mm

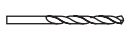
	F max		CODE					
4,8 x 10,5 mm	20,0 mm	1,8 - 6,9 mm	78805 04810	5700 N	4400 N	445 N	250	2500
4,8 x 14,5 mm	27,0 mm	1,8 - 11,0 mm	78805 04814				250	2500

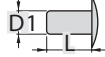






Ø 6,4 mm

D1 = 6,4 + 0 / - 0,11 mm
D2 = 13,5 + 0 / - 1,5 mm
k = 3,0 +/- 0,4 mm
d = 4,0 mm (Ref.)
P = ≥ 31,0 mm
L = +/- 0,99 mm
 6,6 - 6,9 mm

	F max		CODE					
6,4 x 14,5 mm	27,0 mm	2,0 - 9,5 mm	78805 06414	10500 N	8200 N	1112 N	250	2500 ²⁾
6,4 x 20,5 mm	37,0 mm	2,0 - 15,9 mm	78805 06420				250	2500 ²⁾

Ø 9,8 mm

D1 = 9,8 +/- 0,11 mm
D2 = 20,0 mm max
k = 4,5 mm max.
d = 5,8 mm (Ref.)
P = ≥ 31,0 mm
L = +/- 0,99 mm
 10,0 - 10,4 mm

	F max		CODE					
9,8 x 21,3 mm	41,9 mm	3,1 - 14,2 mm	78805 09821	26690 N	17790 N	2670 N	100	1000

¹⁾ typische Werte typical values valeurs typiques

²⁾ **Auf Anfrage:** Deutsches Institut für Bautechnik (DIBt, German Authority in Civil Engineering) Approval No. Z-14.1-713 Attachment 1-4

Technische Änderungen vorbehalten Subject to technical modifications Sous réserve de modifications (techniques)