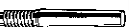
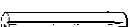
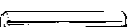
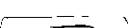
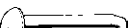
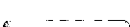
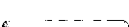
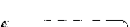
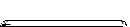
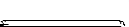
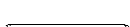
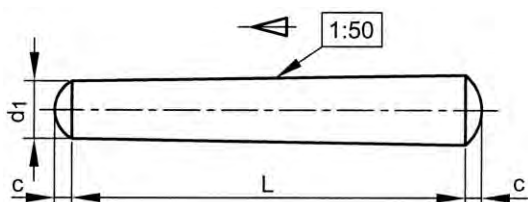


 Pag. 9-3 DIN 1 B Știft conic	 Pag. 9-5 DIN 7 Știft paralel	 Pag. 9-8 DIN 6325 Știft paralel călit m6	 Pag. 9-9 DIN ≈6325 Știft paralel călit h6	 Pag. 9-10 DIN 7977 Știft conic parțial filetat
 Pag. 9-11 DIN 7978 A Știft conic filet intern	 Pag. 9-12 DIN 7979 D Știft paralel filet interior	 Pag. 9-13 DIN 1470 Știft paralel crestă longitudinală	 Pag. 9-14 DIN 1471 Știft conic crestă longitudinală	 Pag. 9-15 DIN 1472 Știft conic parțial crestă
 Pag. 9-17 DIN 1473 Știft paralel crestă longitudinală	 Pag. 9-18 DIN 1474 Știft paralel parțial crestă	 Pag. 9-20 DIN 1475 Știft paralel central crestă	 Pag. 9-21 DIN 1476 Știft paralel crestă cap bombat	 Pag. 9-22 Nit fixare cu bătaie
 Pag. 9-23 ISO 8750 Știft elastic spiralat	 Pag. 9-24 ISO ≈8750 Știft elastic spiralat Inox	 Pag. 9-25 ISO 8748 Știft elastic spiralat masiv	 Pag. 9-26 ISO 8752 Știft elastic masiv	 Pag. 9-28 ISO 13337 Știft elastic ușor
 Pag. 9-29 DIN ≈1481 Știft elastic masiv Inox	 Pag. 9-31 DIN 660/124 Nit cu cap bombat	 Pag. 9-33 DIN 661/302 Nit cu cap înecat	 Pag. 9-35 DIN 1434 Pin clevis	 Pag. 9-36 DIN 94 Splint
 Pag. 9-41 DIN ≈11024 Splint arcuit	 Pag. 9-42 DIN ≈11024 Splint arcuit dublu	 Pag. 9-43 DIN 11024 Splint arcuit dublu A4	 Pag. 9-44 Cep conectare țevi	 Pag. 9-45 Pin de blocare
 Pag. 9-46 DIN 6885 A Pană paralelă	 Pag. 9-49 DIN 6880 Pană 1m lungime	 Pag. 9-50 DIN 6888 Pană Woodruff	 Pag. 9-51 DIN 6887 Pană blocare arbore	 Pag. 9-54 Popnit OMNI cap bombat
 Pag. 9-60 Popnit OMNI cap mare	 Pag. 9-61 Popnit OMNI cap înecat	 Pag. 9-64 Popnit PLUS cap bombat	 Pag. 9-65 Popnit PLUS cap bombat Inox	 Pag. 9-66 Popnit P-LOCK structural bombat
 Pag. 9-67 Popnit PLUS cap înecat	 Pag. 9-67 Popnit cap bombat & cap	 Pag. 9-68 DIN ≈7337 A Popnit MULTI cap bombat	 Pag. 9-69 Popnit MULTI cap bombat	 Pag. 9-70 Popnit MULTI cap bombat
 Pag. 9-71 Popnit MULTI cap mare	 Pag. 9-72 Popnit MULTI cap înecat	 Pag. 9-73 Popnit SIGMA închis bombat	 Pag. 9-76 Popnit SIGMA închis	 Pag. 9-77 Popnit EXPO cap bombat



 Pag. 9-78	 Pag. 9-79	 Pag. 9-80
Popnit TRIPO cap bombat	Scule montare popnituri	Seturi popnituri

Știft conic strunjit



DIN 1 B
ISO 2339 B
NEN 10 B

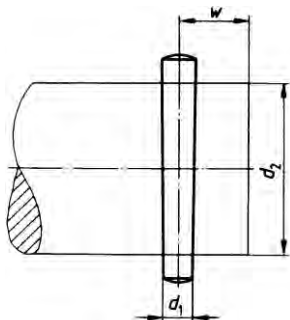


Date tehnice

d_1 (h10)	c (max.)	$d_2 >$	$d_2 \leq$	W (min.)
0.6	0.1	1	2	2
0.8	0.12	2	3	2.5
1	0.15	3	4	3
1.5	0.23	4/5	5/6	3.5/4
2	0.3	6	8	4.5
2.5	0.4	8	9	5
3	0.45	8	11	5
4	0.6	11	17	6
5	0.75	17	23	7.5
6	0.9	23	30	9
6.5 (#DIN)	1	25	33	10
7 (#DIN)	1.2	33	40	12
8	1.2	30/38	38/45	10/11
10	1.5	45/50	50/75	11.5/13
12	1.8	75	110	15
13 (#DIN)	1.8	75	110	15
14	2	75	110	15
16	2.5	110	160	18

- Știfturile conice sunt folosite pentru conectare prin frecare și/sau pentru blocarea a două sau mai multe elemente individuale. Forma conică permite deschiderea conexiunii în mod repetat și la reconectare legătura rămâne la fel de precisă și de puternică.
- Lungimea nominală (L_n) nu include și capetele rotunjite (toleranță js15).

Date montare



Grupe de articole

Material	Cod	Pag.
Oțel prelucrabil	39000	9-3
INOX A1	51560	9-4

39000 Știft conic strunjit

L11A

Material Oțel prelucrabil



$d_1 \times L$	☒	$d_1 \times L$	☒	$d_1 \times L$	☒
1X14MM	200	39000.010.014	1,5X30MM	200	39000.015.030
1X18MM	200	39000.010.018	2X10MM	200	39000.020.010
1X20MM	200	39000.010.020	2X12MM	200	39000.020.012
			2X14MM	200	39000.020.014
1,5X10MM	200	39000.015.010	2X16MM	200	39000.020.016
1,5X14MM	200	39000.015.014	2X20MM	100	39000.020.020
1,5X20MM	200	39000.015.020	2X24MM	100	39000.020.024
1,5X24MM	200	39000.015.024			
			2X30MM	100	39000.020.030
			2X40MM	100	39000.020.040
			2X50MM	50	39000.020.050
			2,5X12MM	200	39000.025.012
			2,5X16MM	200	39000.025.016
			2,5X20MM	100	39000.025.020
			2,5X24MM	100	39000.025.024

39000 Ştift conic strunjit								←
d ₁ x L	✉		d ₁ x L	✉		d ₁ x L	✉	
2,5X26MM	100	39000.025.026	5X100MM	25	39000.050.100	10X40MM	25	39000.100.040
2,5X30MM	100	39000.025.030				10X50MM	25	39000.100.050
2,5X36MM	50	39000.025.036	6X20MM	50	39000.060.020	10X60MM	25	39000.100.060
2,5X40MM	50	39000.025.040	6X24MM	50	39000.060.024	10X70MM	10	39000.100.070
2,5X50MM	50	39000.025.050	6X30MM	50	39000.060.030	10X80MM	10	39000.100.080
			6X40MM	25	39000.060.040	10X100MM	10	39000.100.100
3X12MM	100	39000.030.012	6X50MM	25	39000.060.050	10X110MM	10	39000.100.110
3X14MM	100	39000.030.014	6X60MM	25	39000.060.060	10X120MM	10	39000.100.120
3X16MM	100	39000.030.016	6X70MM	25	39000.060.070	10X140MM	10	39000.100.140
3X20MM	100	39000.030.020	6X80MM	25	39000.060.080	10X150MM	10	39000.100.150
3X24MM	100	39000.030.024	6X100MM	10	39000.060.100	10X160MM	10	39000.100.160
3X30MM	100	39000.030.030	6X120MM	10	39000.060.120			
3X36MM	50	39000.030.036	6X140MM	10	39000.060.140	12X40MM	10	39000.120.040
3X40MM	50	39000.030.040				12X50MM	10	39000.120.050
3X50MM	50	39000.030.050	6,5X50MM	25	39000.065.050	12X60MM	10	39000.120.060
3X60MM	25	39000.030.060	6,5X60MM	25	39000.065.060	12X70MM	10	39000.120.070
			6,5X80MM	25	39000.065.080	12X80MM	10	39000.120.080
4X16MM	100	39000.040.016	6,5X100MM	10	39000.065.100	12X100MM	10	39000.120.100
4X20MM	100	39000.040.020				12X120MM	10	39000.120.120
4X24MM	100	39000.040.024	7X50MM	25	39000.070.050	12X140MM	10	39000.120.140
4X26MM	50	39000.040.026	7X60MM	25	39000.070.060	12X160MM	10	39000.120.160
4X30MM	50	39000.040.030	7X70MM	25	39000.070.070			
4X36MM	50	39000.040.036	7X80MM	10	39000.070.080	13X100MM	10	39000.130.100
4X40MM	50	39000.040.040	7X100MM	10	39000.070.100	13X120MM	10	39000.130.120
4X50MM	50	39000.040.050				13X150MM	10	39000.130.150
4X60MM	25	39000.040.060	8X30MM	25	39000.080.030			
4X70MM	25	39000.040.070	8X36MM	25	39000.080.036	14X90MM	10	39000.140.090
4X80MM	25	39000.040.080	8X40MM	25	39000.080.040			
4X100MM	25	39000.040.100	8X50MM	25	39000.080.050	16X50MM	5	39000.160.050
			8X60MM	25	39000.080.060	16X60MM	5	39000.160.060
5X20MM	100	39000.050.020	8X70MM	25	39000.080.070	16X70MM	5	39000.160.070
5X24MM	50	39000.050.024	8X80MM	10	39000.080.080	16X80MM	5	39000.160.080
5X26MM	50	39000.050.026	8X90MM	10	39000.080.090	16X100MM	5	39000.160.100
5X30MM	50	39000.050.030	8X100MM	10	39000.080.100	16X120MM	5	39000.160.120
5X40MM	50	39000.050.040	8X120MM	10	39000.080.120	16X150MM	5	39000.160.150
5X50MM	50	39000.050.050	8X140MM	10	39000.080.140	16X180MM	5	39000.160.180
5X60MM	25	39000.050.060	8X160MM	10	39000.080.160	16X200MM	5	39000.160.200
5X70MM	25	39000.050.070						
5X80MM	25	39000.050.080	10X30MM	25	39000.100.030			

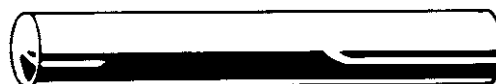
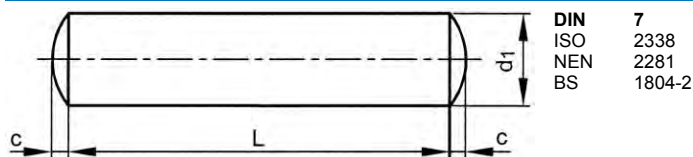
51560		Știft conic strunjit			R09A	
Material		Oțel inoxidabil A1				
						
						



d ₁ x L	✉		d ₁ x L	✉		d ₁ x L	✉	
1X10MM	100	51560.010.010	3X24MM	100	51560.030.024	5X45MM*	100	51560.050.045
1X12MM	100	51560.010.012	3X26MM*	100	51560.030.026	5X50MM*	100	51560.050.050
			3X30MM	100	51560.030.030	5X55MM*	100	51560.050.055
1,5X10MM*	200	51560.015.010	3X32MM*	100	51560.030.032	5X60MM*	100	51560.050.060
1,5X12MM*	200	51560.015.012	3X40MM*	100	51560.030.040	5X70MM*	100	51560.050.070
			3X45MM*	100	51560.030.045			
2X8MM	100	51560.020.008	3X50MM*	100	51560.030.050	6X12MM	100	51560.060.012
2X10MM	100	51560.020.010				6X16MM	100	51560.060.016
2X12MM	100	51560.020.012	4X10MM	100	51560.040.010	6X20MM	100	51560.060.020
2X16MM*	200	51560.020.016	4X12MM	100	51560.040.012	6X24MM	100	51560.060.024
2X20MM*	200	51560.020.020	4X16MM	100	51560.040.016	6X25MM*	100	51560.060.025
2X24MM*	200	51560.020.024	4X20MM	100	51560.040.020	6X26MM*	100	51560.060.026
2X26MM*	200	51560.020.026	4X24MM	100	51560.040.024	6X30MM	50	51560.060.030
2X30MM*	200	51560.020.030	4X25MM*	100	51560.040.025	6X32MM*	100	51560.060.032
2X36MM*	200	51560.020.036	4X26MM*	100	51560.040.026	6X40MM	50	51560.060.040
			4X28MM*	100	51560.040.028	6X45MM*	100	51560.060.045
2,5X10MM	100	51560.025.010	4X30MM	100	51560.040.030	6X50MM	50	51560.060.050
2,5X16MM	100	51560.025.016	4X36MM	100	51560.040.036	6X55MM*	100	51560.060.055
2,5X20MM	100	51560.025.020	4X40MM*	100	51560.040.040	6X60MM*	100	51560.060.060
2,5X24MM	100	51560.025.024	4X45MM*	100	51560.040.045	6X70MM*	100	51560.060.070
2,5X36MM*	200	51560.025.036	4X50MM*	100	51560.040.050	6X80MM*	100	51560.060.080
			4X60MM*	100	51560.040.060	6X100MM*	100	51560.060.100
3X6MM	100	51560.030.006						
3X8MM	100	51560.030.008	5X16MM	100	51560.050.016	8X16MM	50	51560.080.016
3X10MM	100	51560.030.010	5X20MM	100	51560.050.020	8X24MM	50	51560.080.024
3X12MM	100	51560.030.012	5X24MM	100	51560.050.024	8X30MM	50	51560.080.030
3X14MM*	100	51560.030.014	5X26MM*	100	51560.050.026	8X36MM	50	51560.080.036
3X16MM	100	51560.030.016	5X30MM	100	51560.050.030	8X40MM	50	51560.080.040
3X18MM*	100	51560.030.018	5X32MM*	100	51560.050.032	8X45MM*	50	51560.080.045
3X20MM	100	51560.030.020	5X36MM	100	51560.050.036	8X50MM	25	51560.080.050
3X22MM*	100	51560.030.022	5X40MM	100	51560.050.040	8X55MM*	50	51560.080.055

51560 Știft conic strunjit							←
d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒
8X60MM	25	51560.080.060	10X24MM	50	51560.100.024	10X55MM*	25
8X70MM*	50	51560.080.070	10X30MM	50	51560.100.030	10X60MM	25
8X80MM*	50	51560.080.080	10X36MM*	25	51560.100.036	10X70MM	25
8X90MM*	50	51560.080.090	10X40MM	25	51560.100.040	10X80MM	25
8X100MM*	50	51560.080.100	10X45MM*	25	51560.100.045	10X100MM*	25
			10X50MM	25	51560.100.050		

Știft cilindric



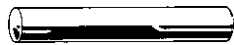
Date tehnice

d ₁ (m6)	c (max.)	d ₁ (m6)	c (max.)
1	0.15	6	0.9
1.5	0.23	8	1.2
2	0.3	10	1.5
2.5	0.4	12	1.8
3	0.45	14	2
4	0.6	16	2.5
5	0.75	20	3

- Știfturile paralele sunt folosite pentru fixarea a două sau mai multe elemente individuale. O conectare prin frecare poate fi realizată prin selectarea unor conexiuni adecvate. Dacă o asemenea conexiune este realizată pentru a fi deconectată în mod repetat, atunci devine preferabil să se folosească știfturi conice conforme DIN 1.
- d x L: Lungimea nominal L nu include și capetele rotunjite.

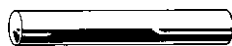
Grupe de articole

Material	Cod	Pag.
Oțel prelucrabil	39070	9-5
INOX A1/A2	51580	9-6
INOX A4	55580	9-7

39070 Știft cilindric		L11A
Material	Oțel prelucrabil	
		 

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒
2X10MM	200	39070.020.010	4X8MM	100	39070.040.008	5X28MM	100
2X12MM	200	39070.020.012	4X10MM	100	39070.040.010	5X30MM	100
2X14MM	200	39070.020.014	4X12MM	100	39070.040.012	5X32MM	100
2X16MM	200	39070.020.016	4X14MM	100	39070.040.014	5X36MM	100
2X18MM	200	39070.020.018	4X16MM	100	39070.040.016	5X40MM	50
2X20MM	200	39070.020.020	4X18MM	100	39070.040.018	5X45MM	50
2X24MM	200	39070.020.024	4X20MM	100	39070.040.020	5X50MM	50
			4X24MM	100	39070.040.024	5X60MM	50
2.5X10MM	200	39070.025.010	4X28MM	100	39070.040.028	5X70MM	50
2.5X12MM	200	39070.025.012	4X30MM	100	39070.040.030		
2.5X14MM	200	39070.025.014	4X36MM	100	39070.040.036	6X10MM	100
2.5X16MM	200	39070.025.016	4X40MM	100	39070.040.040	6X12MM	100
2.5X20MM	200	39070.025.020	4X50MM	100	39070.040.050	6X14MM	100
			4X60MM	100	39070.040.060	6X16MM	100
3X10MM	200	39070.030.010				6X18MM	100
3X12MM	200	39070.030.012	5X10MM	100	39070.050.010	6X20MM	100
3X14MM	200	39070.030.014	5X12MM	100	39070.050.012	6X24MM	50
3X16MM	200	39070.030.016	5X14MM	100	39070.050.014	6X28MM	50
3X18MM	200	39070.030.018	5X16MM	100	39070.050.016	6X30MM	50
3X20MM	200	39070.030.020	5X18MM	100	39070.050.018	6X32MM	50
3X24MM	100	39070.030.024	5X20MM	100	39070.050.020	6X36MM	50
3X26MM	100	39070.030.026	5X22MM	100	39070.050.022	6X40MM	50
3X28MM	100	39070.030.028	5X24MM	100	39070.050.024	6X45MM	50
3X30MM	100	39070.030.030				6X50MM	50

39070 Ştift cilindric							←
d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒
6X60MM	25	39070.060.060	8X70MM	25	39070.080.070	10X100MM	25
6X70MM	25	39070.060.070	8X80MM	25	39070.080.080	10X120MM	25
6X80MM	25	39070.060.080	8X100MM	25	39070.080.100		
			8X120MM	25	39070.080.120	12X24MM	25
8X10MM	50	39070.080.010				12X30MM	25
8X12MM	50	39070.080.012	10X16MM	25	39070.100.016	12X32MM	25
8X14MM	50	39070.080.014	10X18MM	25	39070.100.018	12X36MM	25
8X16MM	50	39070.080.016	10X20MM	25	39070.100.020	12X40MM	25
8X18MM	50	39070.080.018	10X24MM	25	39070.100.024	12X45MM	25
8X20MM	50	39070.080.020	10X28MM	25	39070.100.028	12X50MM	10
8X24MM	50	39070.080.024	10X30MM	25	39070.100.030	12X60MM	10
8X28MM	50	39070.080.028	10X32MM	25	39070.100.032	12X70MM	10
8X30MM	50	39070.080.030	10X36MM	25	39070.100.036	12X80MM	10
8X32MM	50	39070.080.032	10X40MM	25	39070.100.040	12X100MM	10
8X36MM	50	39070.080.036	10X50MM	25	39070.100.050	12X120MM	10
8X40MM	25	39070.080.040	10X60MM	25	39070.100.060		
8X50MM	25	39070.080.050	10X70MM	25	39070.100.070	16X50MM	10
8X60MM	25	39070.080.060	10X80MM	25	39070.100.080		

51580	Ştift cilindric	R09A	
Material	Oţel inoxidabil A1/A2		
			

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒
1X3MM*	500	51580.010.003	3X5mm*	200	51580.030.005	5X60MM	50
1X4MM	100	51580.010.004	3X6MM	100	51580.030.006		
1X5MM	100	51580.010.005	3X8MM	100	51580.030.008	6X6MM*	100
1X6MM	100	51580.010.006	3X10MM	100	51580.030.010	6X8MM*	100
1X8MM	100	51580.010.008	3X12MM	100	51580.030.012	6X10MM	100
1X10MM	100	51580.010.010	3X14MM	100	51580.030.014	6X12MM	100
1X12MM	100	51580.010.012	3X16MM	100	51580.030.016	6X14MM	100
1X14MM*	500	51580.010.014	3X18MM	100	51580.030.018	6X16MM	100
1X16MM*	500	51580.010.016	3X20MM	100	51580.030.020	6X18MM	100
1X20MM*	500	51580.010.020	3X24MM	100	51580.030.024	6X20MM	100
			3X28MM	100	51580.030.028	6X24MM	100
1.5X3MM*	500	51580.015.003	3X30MM	100	51580.030.030	6X28MM	50
1.5X4MM	100	51580.015.004	3X32MM	100	51580.030.032	6X30MM	50
1.5X5MM	100	51580.015.005	3X36MM	100	51580.030.036	6X32MM	50
1.5X6MM	100	51580.015.006	3X40MM	100	51580.030.040	6X36MM	50
1.5X8MM	100	51580.015.008	3X65MM*	500	51580.030.065	6X40MM	50
1.5X10MM	100	51580.015.010				6X45MM	50
1.5X12MM	100	51580.015.012	4X5MM*	200	51580.040.005	6X50MM	50
1.5X14MM	100	51580.015.014	4X6MM	100	51580.040.006	6X55MM*	100
1.5X16MM	100	51580.015.016	4X8MM	100	51580.040.008	6X60MM	50
1.5X18MM	100	51580.015.018	4X10MM	100	51580.040.010	6X70MM	25
1.5X20MM	100	51580.015.020	4X12MM	100	51580.040.012	6X80MM	25
			4X14MM	100	51580.040.014	6X90MM*	100
2X4MM*	500	51580.020.004	4X16MM	100	51580.040.016		
2X5MM	100	51580.020.005	4X18MM	100	51580.040.018	8X8MM	100
2X6MM	100	51580.020.006	4X20MM	100	51580.040.020	8X10MM	100
2X8MM	100	51580.020.008	4X24MM	100	51580.040.024	8X12MM	100
2X10MM	100	51580.020.010	4X28MM	100	51580.040.028	8X14MM	100
2X12MM	100	51580.020.012	4X30MM	100	51580.040.030	8X16MM	100
2X14MM	100	51580.020.014	4X32MM	100	51580.040.032	8X18MM	50
2X16MM	100	51580.020.016	4X36MM	100	51580.040.036	8X20MM	100
2X18MM	100	51580.020.018	4X40MM	100	51580.040.040	8X24MM	50
2X20MM	100	51580.020.020	4X50MM	100	51580.040.050	8X28MM	50
2X24MM	100	51580.020.024	4X60MM*	200	51580.040.060	8X30MM	50
2X28MM	100	51580.020.028				8X32MM	50
2X32MM	100	51580.020.032	5X5MM*	100	51580.050.005	8X36MM	50
			5X6MM	100	51580.050.006	8X40MM	50
2.5X4MM*	500	51580.025.004	5X8MM	100	51580.050.008	8X45MM	25
2.5X5MM	100	51580.025.005	5X10MM	100	51580.050.010	8X50MM	25
2.5X6MM	100	51580.025.006	5X12MM	100	51580.050.012	8X55MM	25
2.5X8MM	100	51580.025.008	5X14MM	100	51580.050.014	8X60MM	25
2.5X10MM	100	51580.025.010	5X16MM	100	51580.050.016	8X70MM	25
2.5X12MM	100	51580.025.012	5X18MM	100	51580.050.018	8X80MM	25
2.5X14MM	100	51580.025.014	5X20MM	100	51580.050.020	8X90MM*	100
2.5X16MM	100	51580.025.016	5X24MM	100	51580.050.024		
2.5X18MM*	500	51580.025.018	5X28MM	100	51580.050.028	10X10MM*	50
2.5X20MM	100	51580.025.020	5X30MM	100	51580.050.030	10X12MM	25
2.5X24MM	100	51580.025.024	5X32MM	100	51580.050.032	10X14MM	25
2.5X28MM*	500	51580.025.028	5X36MM	100	51580.050.036	10X16MM	50
2.5X32MM*	500	51580.025.032	5X40MM	100	51580.050.040	10X18MM	25
			5X45MM	50	51580.050.045	10X20MM	50
3X4MM*	200	51580.030.004	5X50MM	50	51580.050.050	10X24MM	50

51580 Știft cilindric							←
d _i x L	✉		d _i x L	✉		d _i x L	✉
10X28MM	25	51580.100.028	12X50MM	10	51580.120.050	16X45MM	10
10X30MM	50	51580.100.030	12X55MM	10	51580.120.055	16X50MM	10
10X32MM	25	51580.100.032	12X60MM	10	51580.120.060	16X55MM	10
10X36MM	25	51580.100.036	12X70MM	10	51580.120.070	16X60MM	10
10X40MM	25	51580.100.040	12X80MM	10	51580.120.080	16X70MM	10
10X45MM	25	51580.100.045	12X90MM	10	51580.120.090	16X80MM	10
10X50MM	25	51580.100.050	12X100MM	10	51580.120.100	16X90MM*	25
10X55MM	25	51580.100.055				16X100MM*	25
10X60MM	25	51580.100.060	14X20MM	25	51580.140.020		
10X70MM	25	51580.100.070	14X24MM	25	51580.140.024	20X20MM*	10
10X80MM	25	51580.100.080	14X28MM	25	51580.140.028	20X24MM*	10
10X90MM	25	51580.100.090	14X32MM	25	51580.140.032	20X30MM*	10
10X100MM	25	51580.100.100	14X36MM	25	51580.140.036	20X32MM*	10
			14X40MM	25	51580.140.040	20X36MM*	10
12X16MM*	25	51580.120.016	14X50MM	10	51580.140.050	20X40MM*	10
12X18MM*	25	51580.120.018	14X100MM	10	51580.140.100	20X45MM*	10
12X20MM	25	51580.120.020				20X50MM*	10
12X24MM*	25	51580.120.024	16X20MM*	25	51580.160.020	20X55MM*	10
12X28MM*	25	51580.120.028	16X24MM	25	51580.160.024	20X60MM*	10
12X30MM*	25	51580.120.030	16X28MM	25	51580.160.028	20X70MM*	10
12X32MM	25	51580.120.032	16X30MM*	25	51580.160.030	20X80MM*	10
12X36MM	25	51580.120.036	16X32MM	25	51580.160.032	20X90MM*	10
12X40MM	25	51580.120.040	16X36MM	25	51580.160.036	20X100MM*	10
12X45MM	10	51580.120.045	16X40MM	25	51580.160.040		

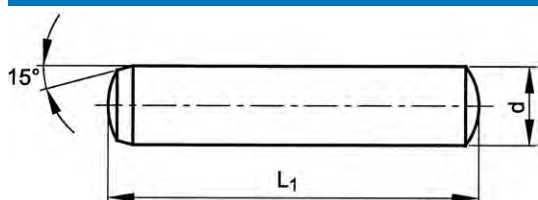
• În funcție de disponibilitate se poate livra și A2 alături de A1.

55580 Știft cilindric			R49A
Material	Oțel inoxidabil A4		
			 

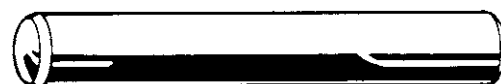
d _i x L	✉		d _i x L	✉		d _i x L	✉
1X3MM*	500	55580.010.003	3X4MM*	200	55580.030.004	5X28MM	100
1X4MM*	500	55580.010.004	3X5MM*	200	55580.030.005	5X30MM	100
1X5MM	100	55580.010.005	3X6MM*	200	55580.030.006	5X32MM	100
1X6MM*	500	55580.010.006	3X8MM	100	55580.030.008	5X36MM	100
1X8MM	100	55580.010.008	3X10MM	100	55580.030.010	5X40MM	100
1X10MM*	500	55580.010.010	3X12MM	100	55580.030.012	5X45MM	50
1X16MM*	500	55580.010.016	3X14MM	100	55580.030.014	5X50MM	50
			3X16MM	100	55580.030.016	5X60MM	50
1,5X3MM*	500	55580.015.003	3X18MM	100	55580.030.018		
1,5X4MM*	500	55580.015.004	3X20MM	100	55580.030.020	6X6MM*	100
1,5X5MM	100	55580.015.005	3X24MM	100	55580.030.024	6X8MM*	100
1,5X6MM	100	55580.015.006	3X28MM	100	55580.030.028	6X10MM	100
1,5X8MM	100	55580.015.008	3X30MM	100	55580.030.030	6X12MM	100
1,5X10MM	100	55580.015.010	3X32MM	100	55580.030.032	6X14MM	100
1,5X12MM	100	55580.015.012	3X36MM	100	55580.030.036	6X16MM	100
1,5X14MM	100	55580.015.014	3X40MM	100	55580.030.040	6X18MM	100
1,5X16MM	100	55580.015.016				6X20MM	100
			4X5MM*	200	55580.040.005	6X24MM	100
2X4MM*	500	55580.020.004	4X6MM*	200	55580.040.006	6X28MM	50
2X5MM*	500	55580.020.005	4X8MM	100	55580.040.008	6X30MM	50
2X6MM	100	55580.020.006	4X10MM	100	55580.040.010	6X32MM	50
2X8MM	100	55580.020.008	4X12MM	100	55580.040.012	6X36MM	50
2X10MM	100	55580.020.010	4X14MM	100	55580.040.014	6X40MM	50
2X12MM	100	55580.020.012	4X16MM	100	55580.040.016	6X45MM	50
2X14MM	100	55580.020.014	4X18MM	100	55580.040.018	6X50MM	50
2X16MM	100	55580.020.016	4X20MM	100	55580.040.020	6X55MM*	100
2X18MM	100	55580.020.018	4X24MM	100	55580.040.024	6X60MM	50
2X20MM	100	55580.020.020	4X28MM	100	55580.040.028	6X70MM*	100
2X24MM*	500	55580.020.024	4X30MM	100	55580.040.030		
2X32MM*	500	55580.020.032	4X32MM	100	55580.040.032	8X8MM*	100
			4X36MM	100	55580.040.036	8X10MM	100
2,5X4MM*	500	55580.025.004	4X40MM	100	55580.040.040	8X12MM	100
2,5X5MM*	500	55580.025.005	4X50MM	100	55580.040.050	8X14MM	100
2,5X6MM	100	55580.025.006				8X16MM	100
2,5X8MM	100	55580.025.008	5X5MM*	100	55580.050.005	8X18MM	50
2,5X10MM	100	55580.025.010	5X6MM*	100	55580.050.006	8X20MM	100
2,5X12MM	100	55580.025.012	5X8MM	100	55580.050.008	8X24MM	50
2,5X14MM	100	55580.025.014	5X10MM	100	55580.050.010	8X28MM	50
2,5X16MM	100	55580.025.016	5X12MM	100	55580.050.012	8X30MM	50
2,5X20MM	100	55580.025.020	5X14MM	100	55580.050.014	8X32MM	50
2,5X24MM*	500	55580.025.024	5X16MM	100	55580.050.016	8X36MM	50
2,5X28MM*	500	55580.025.028	5X18MM	100	55580.050.018	8X40MM	50
2,5X32MM*	500	55580.025.032	5X20MM	100	55580.050.020	8X45MM	25
			5X24MM	100	55580.050.024	8X50MM	25

55580 Știft cilindric											
$d_1 \times L$	☒		$d_1 \times L$	☒		$d_1 \times L$	☒				
8X55MM*	100	55580.080.055	10X60MM	25	55580.100.060	12X80MM	10	55580.120.080			
8X60MM	25	55580.080.060	10X70MM	25	55580.100.070	12X90MM	10	55580.120.090			
8X70MM	25	55580.080.070	10X80MM	25	55580.100.080	12X100MM	10	55580.120.100			
8X80MM	25	55580.080.080	10X90MM	25	55580.100.090						
			10X100MM	25	55580.100.100	16X24MM*	25	55580.160.024			
10X12MM*	50	55580.100.012				16X28MM*	25	55580.160.028			
10X14MM	25	55580.100.014	12X16MM	25	55580.120.016	16X32MM*	25	55580.160.032			
10X16MM	50	55580.100.016	12X18MM	25	55580.120.018	16X36MM*	25	55580.160.036			
10X18MM	25	55580.100.018	12X20MM	25	55580.120.020	16X40MM*	25	55580.160.040			
10X20MM	50	55580.100.020	12X24MM*	25	55580.120.024	16X45MM*	25	55580.160.045			
10X24MM	50	55580.100.024	12X28MM*	25	55580.120.028	16X50MM*	25	55580.160.050			
10X28MM	25	55580.100.028	12X32MM	25	55580.120.032	16X55MM*	25	55580.160.055			
10X30MM	50	55580.100.030	12X36MM	25	55580.120.036	16X60MM*	25	55580.160.060			
10X32MM	25	55580.100.032	12X40MM	25	55580.120.040	16X70MM*	25	55580.160.070			
10X36MM	25	55580.100.036	12X45MM	10	55580.120.045	16X80MM*	25	55580.160.080			
10X40MM	25	55580.100.040	12X50MM	10	55580.120.050	16X90MM*	25	55580.160.090			
10X45MM	25	55580.100.045	12X55MM	10	55580.120.055	16X100MM*	25	55580.160.100			
10X50MM	25	55580.100.050	12X60MM	10	55580.120.060						
10X55MM	25	55580.100.055	12X70MM*	25	55580.120.070	20X100MM*	10	55580.200.100			

Știft cilindric întărit, zonă de toleranță m6



DIN 6325
ISO 8734 A
NEN 2282
NF E27-475



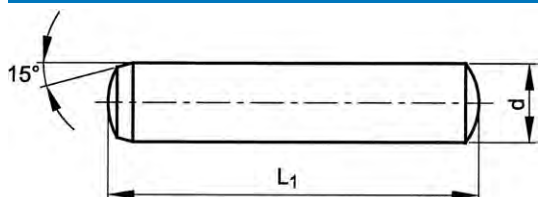
- Știfturile paralele sunt folosite cu precădere ca cepuri pentru unelte, echipamente de prindere și de măsurare.
- Lungimea nominală (L_1) include și capetele rotunjite (toleranță js14)

39080		Știft cilindric întărit, zonă de toleranță m6		L11A	
Material		Oțel 60 ± 2HRc			
					
					

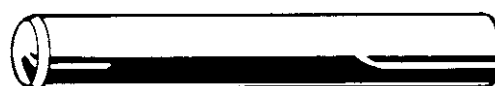
$d \times L_1$	☒		$d \times L_1$	☒		$d \times L_1$	☒	
1X4MM	100	39080.010.004	2,5X6MM	100	39080.025.006	4X6MM	100	39080.040.006
1X5MM	100	39080.010.005	2,5X8MM	100	39080.025.008	4X8MM	100	39080.040.008
1X6MM	100	39080.010.006	2,5X10MM	100	39080.025.010	4X10MM	100	39080.040.010
1X8MM	100	39080.010.008	2,5X12MM	100	39080.025.012	4X12MM	100	39080.040.012
1X10MM	100	39080.010.010	2,5X14MM	100	39080.025.014	4X14MM	100	39080.040.014
1X12MM	100	39080.010.012	2,5X16MM	100	39080.025.016	4X16MM	100	39080.040.016
			2,5X18MM	100	39080.025.018	4X18MM	100	39080.040.018
1,5X5MM	100	39080.015.005	2,5X20MM	100	39080.025.020	4X20MM	100	39080.040.020
1,5X6MM	100	39080.015.006	2,5X24MM	100	39080.025.024	4X24MM	100	39080.040.024
1,5X8MM	100	39080.015.008	2,5X28MM	100	39080.025.028	4X26MM	100	39080.040.026
1,5X10MM	100	39080.015.010	2,5X32MM	100	39080.025.032	4X28MM	100	39080.040.028
1,5X12MM	100	39080.015.012	2,5X36MM	100	39080.025.036	4X30MM	100	39080.040.030
1,5X14MM	100	39080.015.014	2,5X40MM	100	39080.025.040	4X32MM	100	39080.040.032
1,5X16MM	100	39080.015.016	2,5X45MM	100	39080.025.045	4X36MM	100	39080.040.036
1,5X18MM	100	39080.015.018	2,5X50MM	100	39080.025.050	4X40MM	100	39080.040.040
1,5X20MM	100	39080.015.020				4X45MM	100	39080.040.045
1,5X24MM	100	39080.015.024				4X50MM	100	39080.040.050
1,5X28MM	100	39080.015.028				4X60MM	100	39080.040.060
1,5X32MM	100	39080.015.032						
			3X6MM	100	39080.030.006			
			3X8MM	100	39080.030.008			
			3X10MM	100	39080.030.010	5X8MM	100	39080.050.008
			3X12MM	100	39080.030.012	5X10MM	100	39080.050.010
			3X14MM	100	39080.030.014	5X12MM	100	39080.050.012
			3X16MM	100	39080.030.016	5X14MM	100	39080.050.014
			3X18MM	100	39080.030.018	5X16MM	100	39080.050.016
			3X20MM	100	39080.030.020	5X18MM	100	39080.050.018
			3X24MM	100	39080.030.024	5X20MM	100	39080.050.020
			3X28MM	100	39080.030.028	5X24MM	100	39080.050.024
			3X30MM	100	39080.030.030	5X26MM	100	39080.050.026
			3X32MM	100	39080.030.032	5X28MM	100	39080.050.028
			3X36MM	100	39080.030.036	5X30MM	100	39080.050.030
			3X40MM	100	39080.030.040	5X32MM	100	39080.050.032
			3X50MM	100	39080.030.050	5X36MM	100	39080.050.036
			3X60MM	100	39080.030.060	5X40MM	100	39080.050.040
						5X45MM	50	39080.050.045

39080 Știft cilindric întărit, zonă de toleranță m6							←
d x L ₁	☒		d x L ₁	☒		d x L ₁	☒
5X50MM	50	39080.050.050	8X45MM	50	39080.080.045	12X50MM	25
5X55MM	50	39080.050.055	8X50MM	25	39080.080.050	12X55MM	25
5X60MM	50	39080.050.060	8X55MM	25	39080.080.055	12X60MM	25
			8X60MM	25	39080.080.060	12X70MM	25
6X8MM	100	39080.060.008	8X70MM	25	39080.080.070	12X80MM	10
6X10MM	100	39080.060.010	8X80MM	25	39080.080.080	12X90MM	10
6X12MM	100	39080.060.012	8X90MM	25	39080.080.090	12X100MM	10
6X14MM	100	39080.060.014	8X100MM	25	39080.080.100	12X120MM	10
6X16MM	100	39080.060.016					
6X18MM	100	39080.060.018	10X12MM	50	39080.100.012	14X32MM	25
6X20MM	100	39080.060.020	10X14MM	50	39080.100.014	14X36MM	25
6X24MM	100	39080.060.024	10X16MM	50	39080.100.016	14X40MM	25
6X26MM	100	39080.060.026	10X20MM	50	39080.100.020	14X50MM	25
6X28MM	100	39080.060.028	10X24MM	50	39080.100.024	14X60MM	10
6X30MM	100	39080.060.030	10X28MM	50	39080.100.028	14X80MM	10
6X32MM	50	39080.060.032	10X30MM	50	39080.100.030	14X100MM	10
6X36MM	50	39080.060.036	10X32MM	50	39080.100.032	14X120MM	10
6X40MM	50	39080.060.040	10X36MM	25	39080.100.036		
6X45MM	50	39080.060.045	10X40MM	25	39080.100.040	16X36MM	10
6X50MM	50	39080.060.050	10X45MM	25	39080.100.045	16X40MM	10
6X55MM	50	39080.060.055	10X50MM	25	39080.100.050	16X50MM	10
6X60MM	50	39080.060.060	10X55MM	25	39080.100.055	16X60MM	10
6X70MM	25	39080.060.070	10X60MM	25	39080.100.060	16X80MM	10
6X80MM	25	39080.060.080	10X70MM	25	39080.100.070	16X100MM	10
			10X80MM	25	39080.100.080	16X120MM	10
8X10MM	100	39080.080.010	10X90MM	25	39080.100.090		
8X12MM	100	39080.080.012	10X100MM	25	39080.100.100	20X30MM	100
8X14MM	100	39080.080.014				20X32MM	10
8X16MM	100	39080.080.016	12X16MM	25	39080.120.016	20X36MM	10
8X18MM	100	39080.080.018	12X20MM	25	39080.120.020	20X40MM	10
8X20MM	100	39080.080.020	12X24MM	25	39080.120.024	20X50MM	10
8X24MM	50	39080.080.024	12X26MM	25	39080.120.026	20X60MM	10
8X26MM	50	39080.080.026	12X28MM	25	39080.120.028	20X70MM	10
8X28MM	50	39080.080.028	12X30MM	25	39080.120.030	20X80MM	10
8X30MM	50	39080.080.030	12X32MM	25	39080.120.032	20X100MM	10
8X32MM	50	39080.080.032	12X36MM	25	39080.120.036	20X120MM	10
8X36MM	50	39080.080.036	12X40MM	25	39080.120.040		
8X40MM	50	39080.080.040	12X45MM	25	39080.120.045		

Știft cilindric întărit, zonă de toleranță h6



DIN ≈6325
ISO ≈8734 A
NEN ≈2282
NF ≈E27-475

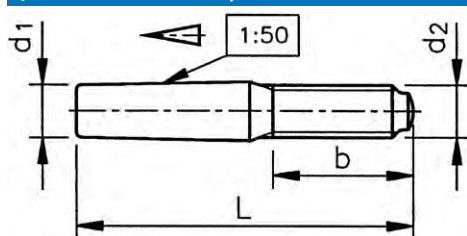


- Știfturile paralele sunt folosite cu precădere ca cepuri pentru unelte, echipamente de prindere și de măsurare.
- d x L₁: Lungimea nominală (L₁) include și capetele rotunjite (toleranță js14)

39078 Știft cilindric întărit, zonă de toleranță h6							L11A
Material		Oțel 60 ± 2HRC					
							
							
d x L ₁	☒		d x L ₁	☒		d x L ₁	☒
2X5MM	100	39078.020.005	2,5X24MM	100	39078.025.024	4X8MM	100
2X6MM	100	39078.020.006				4X10MM	100
2X8MM	100	39078.020.008	3X6MM	100	39078.030.006	4X12MM	100
2X10MM	100	39078.020.010	3X8MM	100	39078.030.008	4X14MM	100
2X12MM	100	39078.020.012	3X10MM	100	39078.030.010	4X16MM	100
2X14MM	100	39078.020.014	3X12MM	100	39078.030.012	4X18MM	100
2X16MM	100	39078.020.016	3X14MM	100	39078.030.014	4X20MM	100
2X20MM	100	39078.020.020	3X16MM	100	39078.030.016	4X24MM	100
2X24MM	100	39078.020.024	3X20MM	100	39078.030.020	4X28MM	100
2X28MM	100	39078.020.028	3X24MM	100	39078.030.024	4X30MM	100
			3X28MM	100	39078.030.028	4X32MM	100
2,5X6MM	100	39078.025.006	3X30MM	100	39078.030.030	4X40MM	100
2,5X8MM	100	39078.025.008	3X32MM	100	39078.030.032	4X50MM	100
2,5X10MM	100	39078.025.010	3X40MM	100	39078.030.040		
2,5X16MM	100	39078.025.016				5X8MM	100

39078 Știft cilindric întărit, zonă de toleranță h6								←
d x L ₁	✉		d x L ₁	✉		d x L ₁	✉	
5X10MM	100	39078.050.010	6X36MM	50	39078.060.036	10X50MM	25	39078.100.050
5X12MM	100	39078.050.012	6X40MM	50	39078.060.040	10X60MM	25	39078.100.060
5X14MM	100	39078.050.014	6X45MM	50	39078.060.045	10X80MM	25	39078.100.080
5X16MM	100	39078.050.016	6X50MM	50	39078.060.050	10X100MM	25	39078.100.100
5X20MM	100	39078.050.020	6X60MM	50	39078.060.060			
5X24MM	100	39078.050.024				12X24MM	25	39078.120.024
5X26MM	100	39078.050.026	8X16MM	100	39078.080.016	12X32MM	25	39078.120.032
5X28MM	100	39078.050.028	8X20MM	100	39078.080.020	12X36MM	25	39078.120.036
5X30MM	100	39078.050.030	8X24MM	50	39078.080.024	12X40MM	25	39078.120.040
5X32MM	100	39078.050.032	8X28MM	50	39078.080.028	12X45MM	25	39078.120.045
5X36MM	100	39078.050.036	8X30MM	50	39078.080.030	12X50MM	25	39078.120.050
5X40MM	100	39078.050.040	8X32MM	50	39078.080.032	12X60MM	25	39078.120.060
5X50MM	100	39078.050.050	8X36MM	50	39078.080.036	12X80MM	10	39078.120.080
5X60MM	100	39078.050.060	8X40MM	50	39078.080.040	12X100MM	10	39078.120.100
			8X50MM	25	39078.080.050			
6X10MM	100	39078.060.010	8X60MM	25	39078.080.060	16X40MM	10	39078.160.040
6X12MM	100	39078.060.012	8X70MM	25	39078.080.070	16X50MM	10	39078.160.050
6X14MM	100	39078.060.014	8X80MM	25	39078.080.080	16X60MM	10	39078.160.060
6X16MM	100	39078.060.016				16X80MM	10	39078.160.080
6X18MM	100	39078.060.018	10X20MM	50	39078.100.020	16X100MM	10	39078.160.100
6X20MM	100	39078.060.020	10X24MM	50	39078.100.024			
6X24MM	100	39078.060.024	10X28MM	50	39078.100.028	20X40MM	10	39078.200.040
6X26MM	100	39078.060.026	10X30MM	50	39078.100.030	20X50MM	10	39078.200.050
6X28MM	100	39078.060.028	10X32MM	50	39078.100.032	20X60MM	10	39078.200.060
6X30MM	100	39078.060.030	10X36MM	25	39078.100.036	20X80MM	10	39078.200.080
6X32MM	50	39078.060.032	10X40MM	25	39078.100.040			

Știft conic parțial filetat



DIN 7977
ISO 8737
NEN 2462



Date tehnice

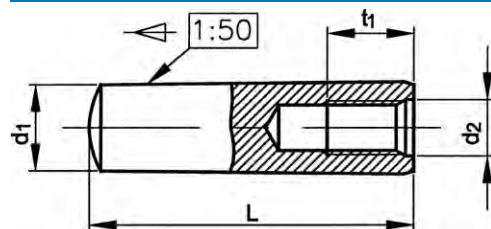
d_1	b	d_2	d_1	b	d_2
5	14	M5	12	27	M12
6	18	M6	16	35	M16
8	22	M8	20	35	M16
10	24	M10			

- $d \times L_1$: Lungimea nominală (L_1) include și capetele rotunjite (toleranță js15).

39011 Știft conic parțial filetat		L11A
Material	Oțel prelucrabil	
		 

$d_1 \times L$	✉	$d_1 \times L$	✉	$d_1 \times L$	✉
5X40MM	50	39011.050.040	8X75MM	10	39011.080.075
5X45MM	50	39011.050.045			
5X50MM	50	39011.050.050	10X60MM	10	39011.100.060
			10X65MM	10	39011.100.065
6X45MM	25	39011.060.045	10X75MM	10	39011.100.075
6X50MM	25	39011.060.050	10X85MM	10	39011.100.085
6X55MM	25	39011.060.055	10X100MM	10	39011.100.100
6X60MM	25	39011.060.060			
			12X75MM	5	39011.120.075
8X55MM	10	39011.080.055	12X85MM	5	39011.120.085
8X60MM	10	39011.080.060	12X100MM	5	39011.120.100
8X65MM	10	39011.080.065	12X120MM	5	39011.120.120
			16X85MM	5	39011.160.085
			16X100MM	5	39011.160.100
			16X120MM	5	39011.160.120
			16X140MM	5	39011.160.140
			16X160MM	5	39011.160.160
			20X100MM	5	39011.200.100
			20X120MM	5	39011.200.120
			20X140MM	5	39011.200.140
			20X160MM	5	39011.200.160

Știft conic cu filet de extracție interior



DIN 7978 A
ISO 8736 A
NEN 2463
NF E27-479



Date tehnice

d ₁	d ₂	t ₁	d ₁	d ₂	t ₁
6	M4	6	12	M8	12
8	M5	8	16	M10	16
10	M6	10	20	M12	18

- d X L₁: Lungimea nominală (L₁) include și capetele rotunjite (toleranță js15)

39012 Știft conic cu filet de extracție interior

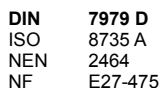
L11A

Material Oțel prelucrabil



d ₁ x L	✉	d ₁ x L	✉	d ₁ x L	✉
6X16MM	50	39012.060.016	8X50MM	10	39012.080.050
6X24MM	50	39012.060.024	8X60MM	10	39012.080.060
6X28MM	50	39012.060.028	8X70MM	10	39012.080.070
6X30MM	50	39012.060.030			
6X32MM	25	39012.060.032	10X24MM	25	39012.100.024
6X36MM	25	39012.060.036	10X28MM	25	39012.100.028
6X40MM	25	39012.060.040	10X32MM	25	39012.100.032
6X50MM	25	39012.060.050	10X40MM	10	39012.100.040
6X60MM	25	39012.060.060	10X50MM	10	39012.100.050
			10X60MM	10	39012.100.060
8X20MM	50	39012.080.020	10X70MM	10	39012.100.070
8X24MM	25	39012.080.024	10X80MM	10	39012.100.080
8X28MM	25	39012.080.028	10X100MM	10	39012.100.100
8X30MM	25	39012.080.030			
8X32MM	25	39012.080.032	12X32MM	10	39012.120.032
8X36MM	25	39012.080.036	12X40MM	10	39012.120.040
8X40MM	25	39012.080.040	12X50MM	10	39012.120.050
			12X60MM	10	39012.120.060
			12X70MM	10	39012.120.070
			12X80MM	5	39012.120.080
			12X100MM	5	39012.120.100
			16X40MM	5	39012.160.040
			16X50MM	5	39012.160.050
			16X60MM	5	39012.160.060
			16X80MM	5	39012.160.080
			16X90MM	5	39012.160.090
			16X100MM	5	39012.160.100
			16X120MM	5	39012.160.120
			20X60MM	5	39012.200.060
			20X80MM	5	39012.200.080
			20X100MM	5	39012.200.100
			20X120MM	5	39012.200.120

Știft paralel cu filet de extracție interior



Date tehnice

d (m6)	d ₁	t ₁	d (m6)	d ₁	t ₁
5 (≠DIN)	M3	4	14	M8	12
6	M4	6	16	M8	12
8	M5	8	20	M10	16
10	M6	10	25	M16	24
12	M6	10	30	M20	30

- d X L₁: Lungimea nominală (L₁) include și capetele rotunjite (toleranță js15)

39090	Știft paralel cu filet de extracție interior	L11A
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Material	Otel 60 ± 2HRc
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d x L _f	☒		d x L _f	☒		☒		
5X12MM	100	39090.050.012	8X40MM	25	39090.080.040	12X50MM	10	39090.120.050
5X16MM	50	39090.050.016	8X45MM	25	39090.080.045	12X60MM	10	39090.120.060
5X20MM	50	39090.050.020	8X50MM	10	39090.080.050	12X70MM	10	39090.120.070
5X24MM	50	39090.050.024	8X60MM	10	39090.080.060	12X80MM	5	39090.120.080
5X28MM	50	39090.050.028	8X70MM	10	39090.080.070	12X100MM	5	39090.120.100
5X30MM	25	39090.050.030	8X80MM	50	39090.080.080			
5X32MM	25	39090.050.032				14X60MM	5	39090.140.060
5X36MM	25	39090.050.036	10X20MM	25	39090.100.020			
5X40MM	25	39090.050.040	10X24MM	25	39090.100.024	16X32MM	5	39090.160.032
			10X28MM	25	39090.100.028	16X40MM	5	39090.160.040
6X16MM	50	39090.060.016	10X30MM	25	39090.100.030	16X50MM	5	39090.160.050
6X20MM	50	39090.060.020	10X32MM	25	39090.100.032	16X60MM	5	39090.160.060
6X24MM	50	39090.060.024	10X36MM	10	39090.100.036	16X70MM	5	39090.160.070
6X28MM	50	39090.060.028	10X40MM	10	39090.100.040	16X80MM	5	39090.160.080
6X30MM	50	39090.060.030	10X45MM	10	39090.100.045	16X90MM	5	39090.160.090
6X32MM	25	39090.060.032	10X50MM	10	39090.100.050	16X100MM	5	39090.160.100
6X40MM	25	39090.060.040	10X60MM	10	39090.100.060	16X120MM	5	39090.160.120
6X45MM	25	39090.060.045	10X70MM	10	39090.100.070			
6X50MM	25	39090.060.050	10X80MM	10	39090.100.080	20X50MM	5	39090.200.050
6X60MM	25	39090.060.060	10X100MM	10	39090.100.100	20X60MM	5	39090.200.060
						20X70MM	5	39090.200.070
8X16MM	50	39090.080.016	12X24MM	10	39090.120.024	20X80MM	5	39090.200.080
8X20MM	50	39090.080.020	12X28MM	10	39090.120.028	20X100MM	5	39090.200.100
8X24MM	25	39090.080.024	12X30MM	10	39090.120.030	20X120MM	5	39090.200.120
8X28MM	25	39090.080.028	12X32MM	10	39090.120.032			
8X30MM	25	39090.080.030	12X36MM	10	39090.120.036	25X60MM	5	39090.250.060
8X32MM	25	39090.080.032	12X40MM	10	39090.120.040	25X70MM	5	39090.250.070
8X36MM	25	39090.080.036	12X45MM	10	39090.120.045			

Ştift paralel crestat longitudinal

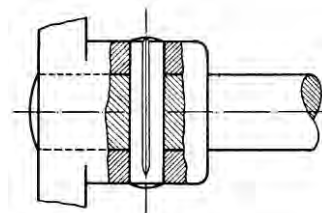
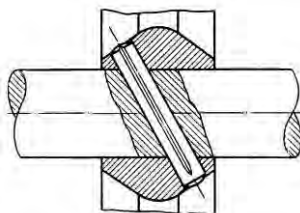
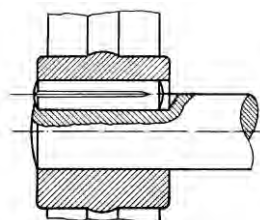


Date tehnice

d_1	$c \approx$	Toleranță	V	d_1	$c \approx$	Toleranță	V
1.5	0.2	h9	1.6	4	0.5	h11	10.6
2	0.25	h9	2.85	5	0.6	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h9	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d_1 (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță ±15).

Exemplu de aplicație



39700	Știft paralel crestat longitudinal
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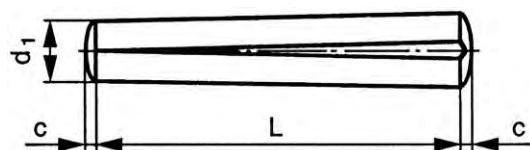
L11F

Material	Oțel prelucrabil
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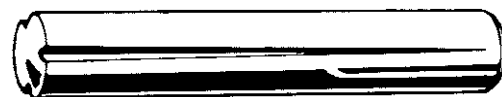


d _i x L	✉		d _i x L	✉		d _i x L	✉	
1,5X4MM	200	39700.015.004	3X20MM	200	39700.030.020	6X16MM	100	39700.060.016
1,5X6MM	200	39700.015.006	3X30MM	200	39700.030.030	6X20MM	100	39700.060.020
1,5X8MM	200	39700.015.008				6X24MM	100	39700.060.024
1,5X10MM	200	39700.015.010	4X8MM	200	39700.040.008	6X30MM	100	39700.060.030
1,5X16MM	200	39700.015.016	4X10MM	200	39700.040.010	6X36MM	100	39700.060.036
			4X12MM	200	39700.040.012	6X40MM	100	39700.060.040
2X5MM	200	39700.020.005	4X16MM	200	39700.040.016	6X45MM	100	39700.060.045
2X6MM	200	39700.020.006	4X20MM	200	39700.040.020	6X50MM	100	39700.060.050
2X8MM	200	39700.020.008	4X24MM	200	39700.040.024	6X60MM	100	39700.060.060
2X10MM	200	39700.020.010	4X30MM	200	39700.040.030			
2X16MM	200	39700.020.016	4X36MM	100	39700.040.036	8X12MM	100	39700.080.012
2X20MM	200	39700.020.020	4X40MM	100	39700.040.040	8X16MM	100	39700.080.016
2X24MM	200	39700.020.024				8X20MM	100	39700.080.020
			5X12MM	200	39700.050.012	8X24MM	100	39700.080.024
2,5X10MM	200	39700.025.010	5X16MM	200	39700.050.016	8X30MM	100	39700.080.030
2,5X12MM	200	39700.025.012	5X20MM	100	39700.050.020	8X36MM	50	39700.080.036
2,5X16MM	200	39700.025.016	5X24MM	100	39700.050.024	8X40MM	50	39700.080.040
2,5X20MM	200	39700.025.020	5X30MM	100	39700.050.030	8X45MM	50	39700.080.045
			5X36MM	100	39700.050.036	8X50MM	50	39700.080.050
3X10MM	200	39700.030.010	5X40MM	100	39700.050.040	8X60MM	50	39700.080.060
3X12MM	200	39700.030.012				8X70MM	50	39700.080.070
3X16MM	200	39700.030.016	6X10MM	100	39700.060.010			

Știft conic crestat longitudinal



DIN 1471
ISO 8744
NEN 2602

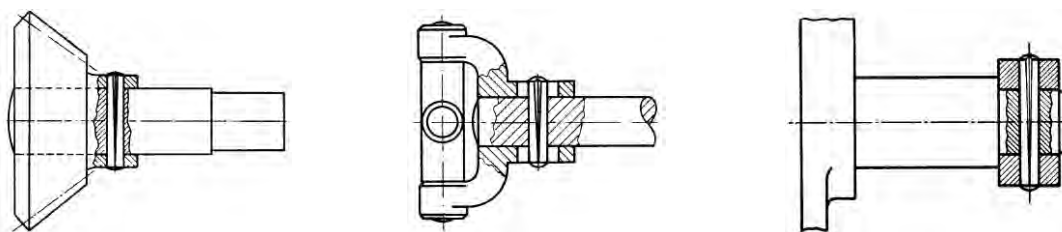


Date tehnice

d ₁	c ≈	Toleranță	V	d ₁	c ≈	Toleranță	V
1.5	0.2	h9	1.6	4	0.5	h11	10.6
2	0.25	h9	2.85	5	0.63	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h9	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d₁ (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță js15).

Exemplu de aplicație



Grupe de articole

Material	Cod	Pag.
Oțel prelucrabil	39710	9-14
INOX A1	51585	9-15

39710 Știft conic crestat longitudinal

L11F

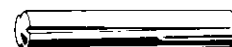
Material Oțel prelucrabil



d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒			
1,5X4MM	200	39710.015.004		5X30MM	100	39710.050.030		
1,5X5MM	200	39710.015.005	3X6MM	200	39710.030.006	5X36MM	100	39710.050.036
1,5X8MM	200	39710.015.008	3X8MM	200	39710.030.008	5X40MM	100	39710.050.040
1,5X10MM	200	39710.015.010	3X10MM	200	39710.030.010			
1,5X16MM	200	39710.015.016	3X12MM	200	39710.030.012	6X10MM	100	39710.060.010
1,5X20MM	200	39710.015.020	3X16MM	200	39710.030.016	6X12MM	100	39710.060.012
			3X20MM	200	39710.030.020	6X16MM	100	39710.060.016
2X5MM	200	39710.020.005	3X24MM	200	39710.030.024	6X20MM	100	39710.060.020
2X6MM	200	39710.020.006				6X24MM	100	39710.060.024
2X8MM	200	39710.020.008	4X8MM	200	39710.040.008	6X30MM	100	39710.060.030
2X10MM	200	39710.020.010	4X10MM	200	39710.040.010	6X40MM	100	39710.060.040
2X12MM	200	39710.020.012	4X12MM	200	39710.040.012	6X45MM	100	39710.060.045
2X16MM	200	39710.020.016	4X16MM	200	39710.040.016	6X50MM	100	39710.060.050
2X20MM	200	39710.020.020	4X20MM	200	39710.040.020	6X60MM	100	39710.060.060
2X24MM	200	39710.020.024	4X24MM	200	39710.040.024			
2X30MM	200	39710.020.030	4X30MM	200	39710.040.030	8X12MM	100	39710.080.012
			4X36MM	100	39710.040.036	8X16MM	100	39710.080.016
2,5X6MM	200	39710.025.006	4X40MM	100	39710.040.040	8X20MM	100	39710.080.020
2,5X8MM	200	39710.025.008				8X24MM	100	39710.080.024
2,5X10MM	200	39710.025.010	5X10MM	200	39710.050.010	8X30MM	100	39710.080.030
2,5X12MM	200	39710.025.012	5X12MM	200	39710.050.012	8X40MM	50	39710.080.040
2,5X16MM	200	39710.025.016	5X16MM	200	39710.050.016	8X50MM	50	39710.080.050
2,5X20MM	200	39710.025.020	5X20MM	100	39710.050.020	8X60MM	50	39710.080.060
2,5X30MM	200	39710.025.030	5X24MM	100	39710.050.024	8X70MM	50	39710.080.070

R09A

Material	Otel inoxidabil A1
-----------------	--------------------



d _i x L	✉		d _i x L	✉		d _i x L	✉	
2X8MM*	500	51585.020.008				5X35MM*	200	51585.050.035
2X10MM*	500	51585.020.010	4X8MM*	200	51585.040.008	5X40MM*	200	51585.050.040
2X12MM*	500	51585.020.012	4X12MM*	200	51585.040.012			
2X16MM*	500	51585.020.016	4X16MM*	200	51585.040.016	6X10MM*	100	51585.060.010
2X20MM*	500	51585.020.020	4X20MM*	200	51585.040.020	6X12MM*	100	51585.060.012
			4X25MM*	200	51585.040.025	6X16MM*	100	51585.060.016
2,5X20MM*	500	51585.025.020	4X40MM*	200	51585.040.040	6X20MM*	100	51585.060.020
						6X25MM*	100	51585.060.025
3X8MM*	500	51585.030.008	5X8MM*	200	51585.050.008	6X30MM*	100	51585.060.030
3X10MM*	500	51585.030.010	5X10MM*	200	51585.050.010	6X40MM*	100	51585.060.040
3X12MM*	500	51585.030.012	5X12MM*	200	51585.050.012			
3X16MM*	500	51585.030.016	5X16MM*	200	51585.050.016	8X30MM*	50	51585.080.030
3X18MM*	500	51585.030.018	5X20MM*	200	51585.050.020	8X40MM*	50	51585.080.040
3X20MM*	500	51585.030.020	5X25MM*	200	51585.050.025	8X60MM*	50	51585.080.060
3X25MM*	500	51585.030.025	5X30MM*	200	51585.050.030			

A diagram of a tapered shaft. The total length is labeled L . The diameter at the left end is labeled d_1 . A central section of the shaft is labeled $1/2 L$. The shaft is supported by two bearings, labeled C at each end.

DIN	1472
ISO	8745
NEN	2603

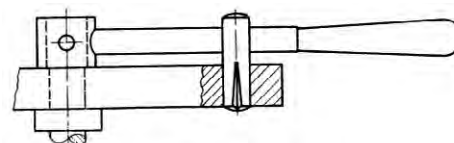
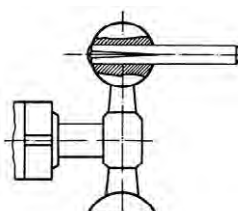
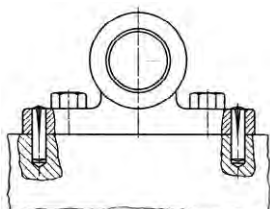


Date tehnice

d_1	$c \approx$	Toleranță	V	d_1	$c \approx$	Toleranță	V
1.5	0.2	h9	1.6	4	0.5	h11	10.6
2	0.25	h9	2.85	5	0.6	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h9	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d_1 (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță js15).

Exemplu de aplicație

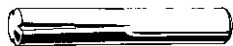


Grupe de articole

Material	Cod	Pag.
Oțel prelucrabil	39720	9-16
INOX A1	51586	9-16

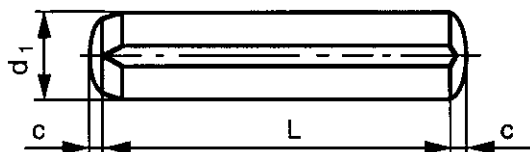
39720	Știft conic parțial crestă longitudinal	L11F
Material	Oțel prelucrabil	
		 

d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒
1,5X4MM	200	39720.015.004	3X20MM	200	39720.030.020
1,5X6MM	200	39720.015.006	3X24MM	200	39720.030.024
1,5X8MM	200	39720.015.008	3X30MM	200	39720.030.030
1,5X12MM	200	39720.015.012			
1,5X16MM	200	39720.015.016	4X8MM	200	39720.040.008
			4X10MM	200	39720.040.010
2X6MM	200	39720.020.006	4X12MM	200	39720.040.012
2X8MM	200	39720.020.008	4X16MM	200	39720.040.016
2X10MM	200	39720.020.010	4X20MM	200	39720.040.020
2X12MM	200	39720.020.012	4X24MM	200	39720.040.024
2X16MM	200	39720.020.016	4X28MM	200	39720.040.028
2X20MM	200	39720.020.020	4X30MM	200	39720.040.030
			4X36MM	100	39720.040.036
2,5X6MM	200	39720.025.006			
2,5X10MM	200	39720.025.010	5X8MM	200	39720.050.008
2,5X12MM	200	39720.025.012	5X10MM	200	39720.050.010
2,5X16MM	200	39720.025.016	5X12MM	200	39720.050.012
2,5X20MM	250	39720.025.020	5X16MM	200	39720.050.016
			5X20MM	100	39720.050.020
3X8MM	200	39720.030.008	5X24MM	100	39720.050.024
3X10MM	200	39720.030.010	5X30MM	100	39720.050.030
3X12MM	200	39720.030.012	5X40MM	100	39720.050.040
3X16MM	200	39720.030.016			
			6X10MM	100	39720.060.010
			6X12MM	100	39720.060.012
			6X16MM	100	39720.060.016
			6X20MM	100	39720.060.020
			6X24MM	100	39720.060.024
			6X30MM	100	39720.060.030
			6X36MM	100	39720.060.036
			6X40MM	100	39720.060.040
			6X50MM	100	39720.060.050
			6X60MM	100	39720.060.060
			8X12MM	100	39720.080.012
			8X16MM	100	39720.080.016
			8X20MM	100	39720.080.020
			8X24MM	100	39720.080.024
			8X30MM	100	39720.080.030
			8X36MM	50	39720.080.036
			8X40MM	50	39720.080.040
			8X45MM	50	39720.080.045
			8X50MM	50	39720.080.050
			8X60MM	50	39720.080.060
			8X70MM	50	39720.080.070

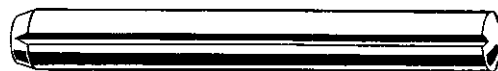
51586	Știft conic parțial crestă longitudinal	R09A
Material	Oțel inoxidabil A1	
		 

d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒
2X6MM*	500	51586.020.006	4X16MM*	200	51586.040.016
2X8MM*	500	51586.020.008	4X18MM*	200	51586.040.018
2X10MM*	500	51586.020.010	4X20MM*	200	51586.040.020
2X12MM*	500	51586.020.012	4X25MM*	200	51586.040.025
2X16MM*	500	51586.020.016	4X30MM*	200	51586.040.030
			4X35MM*	200	51586.040.035
3X6MM*	500	51586.030.006	4X40MM*	200	51586.040.040
3X8MM*	500	51586.030.008			
3X10MM*	500	51586.030.010	5X10MM*	200	51586.050.010
3X12MM*	500	51586.030.012	5X12MM*	200	51586.050.012
3X16MM*	500	51586.030.016	5X16MM*	200	51586.050.016
3X18MM*	500	51586.030.018	5X18MM*	200	51586.050.018
3X20MM*	500	51586.030.020	5X20MM*	200	51586.050.020
3X25MM*	500	51586.030.025	5X25MM*	200	51586.050.025
			5X30MM*	200	51586.050.030
4X8MM*	200	51586.040.008	5X40MM*	200	51586.050.040
4X10MM*	200	51586.040.010			
4X12MM*	200	51586.040.012	6X12MM*	100	51586.060.012
			6X16MM*	100	51586.060.016
			6X18MM*	100	51586.060.018
			6X20MM*	100	51586.060.020
			6X25MM*	100	51586.060.025
			6X30MM*	100	51586.060.030
			6X35MM*	100	51586.060.035
			6X40MM*	100	51586.060.040
			6X50MM*	100	51586.060.050
			8X12MM*	50	51586.080.012
			8X16MM*	50	51586.080.016
			8X20MM*	50	51586.080.020
			8X25MM*	50	51586.080.025
			8X30MM*	50	51586.080.030
			8X35MM*	50	51586.080.035
			8X40MM*	50	51586.080.040
			8X60MM*	50	51586.080.060

Știft paralel crestat longitudinal



DIN 1473
ISO 8740
NEN 2604

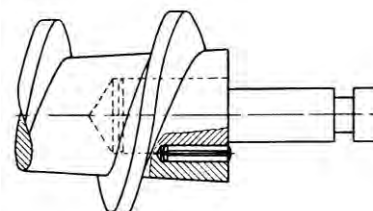
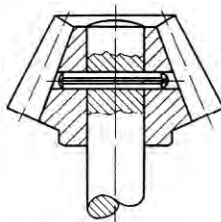
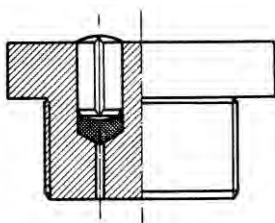


Date tehnice

d_1	$c \approx$	Toleranță	V	d_1	$c \approx$	Toleranță	V
1.5	0.2	h9	1.6	4	0.4	h11	10.6
2	0.25	h9	2.85	5	0.6	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h9	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d_1 (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță js15).

Exemplu de aplicație



Grupe de articole

Material	Cod	Pag.
Oțel prelucrabil	39730	9-17
INOX A1	51582	9-18

39730 Știft paralel crestat longitudinal

L11F

Material Oțel prelucrabil



$d_1 \times L$	☒	$d_1 \times L$	☒	$d_1 \times L$	☒
1,5X5MM	200	39730.015.005	3X10MM	200	39730.030.010
1,5X6MM	200	39730.015.006	3X12MM	200	39730.030.012
1,5X8MM	200	39730.015.008	3X16MM	200	39730.030.016
1,5X10MM	200	39730.015.010	3X20MM	200	39730.030.020
1,5X12MM	200	39730.015.012	3X24MM	200	39730.030.024
1,5X16MM	200	39730.015.016	3X30MM	200	39730.030.030
2X5MM	200	39730.020.005	4X8MM	200	39730.040.008
2X6MM	200	39730.020.006	4X10MM	200	39730.040.010
2X8MM	200	39730.020.008	4X12MM	200	39730.040.012
2X10MM	200	39730.020.010	4X16MM	200	39730.040.016
2X12MM	200	39730.020.012	4X20MM	200	39730.040.020
2X16MM	200	39730.020.016	4X24MM	200	39730.040.024
2X20MM	200	39730.020.020	4X30MM	200	39730.040.030
2X24MM	200	39730.020.024	4X36MM	100	39730.040.036
2X30MM	200	39730.020.030	4X40MM	100	39730.040.040
2,5X10MM	200	39730.025.010	5X8MM	200	39730.050.008
2,5X12MM	200	39730.025.012	5X10MM	200	39730.050.010
2,5X16MM	200	39730.025.016	5X12MM	200	39730.050.012
2,5X20MM	200	39730.025.020	5X16MM	200	39730.050.016
2,5X24MM	200	39730.025.024	5X20MM	100	39730.050.020
3X6MM	200	39730.030.006	5X24MM	100	39730.050.024
3X8MM	200	39730.030.008	5X30MM	100	39730.050.030
			5X36MM	100	39730.050.036
			6X10MM	100	39730.060.010
			6X12MM	100	39730.060.012
			6X16MM	100	39730.060.016
			6X20MM	100	39730.060.020
			6X24MM	100	39730.060.024
			6X30MM	100	39730.060.030
			6X36MM	100	39730.060.036
			6X40MM	100	39730.060.040
			6X45MM	100	39730.060.045
			6X50MM	100	39730.060.050
			6X60MM	100	39730.060.060
			8X12MM	100	39730.080.012
			8X16MM	100	39730.080.016
			8X20MM	100	39730.080.020
			8X24MM	100	39730.080.024
			8X30MM	100	39730.080.030
			8X36MM	50	39730.080.036
			8X40MM	50	39730.080.040
			8X45MM	50	39730.080.045
			8X50MM	50	39730.080.050
			8X60MM	50	39730.080.060
			8X70MM	50	39730.080.070

Material	Otel inoxidabil A1
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d _i x L	✉		d _i x L	✉		d _i x L	✉	
2X8MM*	500	51582.020.008	4X20MM*	200	51582.040.020	6X18MM*	100	51582.060.018
2X10MM*	500	51582.020.010	4X25MM*	200	51582.040.025	6X20MM*	100	51582.060.020
2X12MM*	500	51582.020.012	4X30MM*	200	51582.040.030	6X25MM*	100	51582.060.025
2X16MM*	500	51582.020.016	4X35MM*	200	51582.040.035	6X30MM*	100	51582.060.030
2X20MM*	500	51582.020.020	4X40MM*	200	51582.040.040	6X35MM*	100	51582.060.035
						6X40MM*	100	51582.060.040
3X8MM*	500	51582.030.008	5X10MM*	200	51582.050.010	6X45MM*	100	51582.060.045
3X10MM*	500	51582.030.010	5X12MM*	200	51582.050.012	6X50MM*	100	51582.060.050
3X12MM*	500	51582.030.012	5X16MM*	200	51582.050.016	6X60MM*	100	51582.060.060
3X16MM*	500	51582.030.016	5X20MM*	200	51582.050.020			
3X18MM*	500	51582.030.018	5X25MM*	200	51582.050.025	8X12MM*	50	51582.080.012
3X20MM*	500	51582.030.020	5X30MM*	200	51582.050.030	8X16MM*	50	51582.080.016
3X25MM*	500	51582.030.025	5X35MM*	200	51582.050.035	8X20MM*	50	51582.080.020
			5X40MM*	200	51582.050.040	8X25MM*	50	51582.080.025
4X8MM*	200	51582.040.008				8X30MM*	50	51582.080.030
4X10MM*	200	51582.040.010	6X10MM*	100	51582.060.010	8X35MM*	50	51582.080.035
4X12MM*	200	51582.040.012	6X12MM*	100	51582.060.012	8X40MM*	50	51582.080.040
4X16MM*	200	51582.040.016	6X16MM*	100	51582.060.016	8X50MM*	50	51582.080.050
4X18MM*	200	51582.040.018						

Diagram of a tapered shaft with a central hole. The shaft has a total length L and a diameter d_1 at the left end. The hole has a length of $1/2 L$. The shaft is supported by two bearings, labeled 'c'.

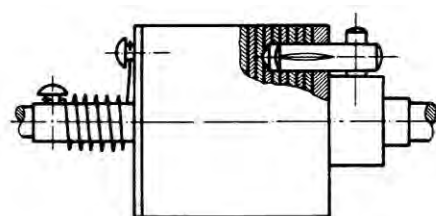
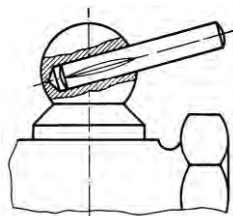
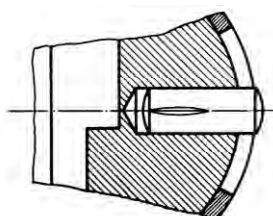
DIN	1474
ISO	8741
NEN	2605



d_1	$c \approx$	Toleranță	V	d_1	$c \approx$	Toleranță	V
1.5	0.2	h9	1.6	4	0.5	h11	10.6
2	0.25	h9	2.85	5	0.63	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h9	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d_1 (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță js15).

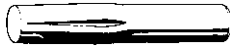
Exemplu de aplicație



Material	Cod	Pag.
Oțel prelucrabil	39740	9-19
INOX A1	51583	9-19

39740	Știft conic parțial crestat longitudinal	L11F
Material	Oțel prelucrabil	
		 

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒	
1,5X5MM	200	39740.015.005	3X16MM	200	39740.030.016	6X12MM	100	39740.060.012
1,5X6MM	200	39740.015.006	3X20MM	200	39740.030.020	6X16MM	100	39740.060.016
1,5X8MM	200	39740.015.008	3X24MM	200	39740.030.024	6X20MM	100	39740.060.020
1,5X10MM	200	39740.015.010	3X30MM	200	39740.030.030	6X24MM	100	39740.060.024
1,5X12MM	200	39740.015.012				6X30MM	100	39740.060.030
			4X8MM	200	39740.040.008	6X40MM	100	39740.060.040
2X5MM	200	39740.020.005	4X10MM	200	39740.040.010	6X45MM	100	39740.060.045
2X6MM	200	39740.020.006	4X12MM	200	39740.040.012	6X50MM	100	39740.060.050
2X8MM	200	39740.020.008	4X16MM	200	39740.040.016	6X60MM	100	39740.060.060
2X10MM	200	39740.020.010	4X20MM	200	39740.040.020			
2X12MM	200	39740.020.012	4X24MM	200	39740.040.024	8X12MM	100	39740.080.012
2X16MM	200	39740.020.016	4X30MM	200	39740.040.030	8X16MM	100	39740.080.016
			4X36MM	100	39740.040.036	8X20MM	100	39740.080.020
2,5X6MM	200	39740.025.006				8X24MM	100	39740.080.024
2,5X8MM	200	39740.025.008	5X8MM	200	39740.050.008	8X30MM	100	39740.080.030
2,5X10MM	200	39740.025.010	5X10MM	200	39740.050.010	8X36MM	50	39740.080.036
2,5X12MM	200	39740.025.012	5X12MM	200	39740.050.012	8X40MM	50	39740.080.040
2,5X16MM	200	39740.025.016	5X16MM	200	39740.050.016	8X45MM	50	39740.080.045
			5X20MM	100	39740.050.020	8X50MM	50	39740.080.050
3X6MM	200	39740.030.006	5X24MM	100	39740.050.024	8X60MM	50	39740.080.060
3X8MM	200	39740.030.008	5X30MM	100	39740.050.030	8X70MM	50	39740.080.070
3X10MM	200	39740.030.010	5X36MM	100	39740.050.036			
3X12MM	200	39740.030.012						

51583	Știft conic parțial crestat longitudinal	R09A
Material	Oțel inoxidabil A1	
		 

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒	
2X8MM*	500	51583.020.008	4X10MM*	200	51583.040.010	5X25MM*	200	51583.050.025
2X10MM*	500	51583.020.010	4X12MM*	200	51583.040.012	5X35MM*	200	51583.050.035
2X12MM*	500	51583.020.012	4X16MM*	200	51583.040.016			
2X16MM*	500	51583.020.016	4X20MM*	200	51583.040.020	6X16MM*	100	51583.060.016
			4X25MM*	200	51583.040.025	6X20MM*	100	51583.060.020
3X8MM*	500	51583.030.008				6X30MM*	100	51583.060.030
3X10MM*	500	51583.030.010	5X12MM*	200	51583.050.012	6X40MM*	100	51583.060.040
3X12MM*	500	51583.030.012	5X16MM*	200	51583.050.016			
3X16MM*	500	51583.030.016	5X18MM*	200	51583.050.018	8X40MM*	100	51583.080.040
			5X20MM*	200	51583.050.020			

Știft paralel crestat central longitudinal

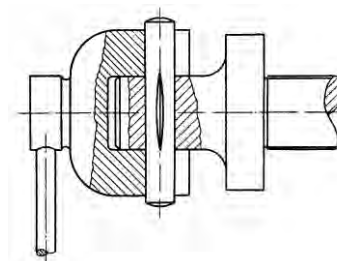
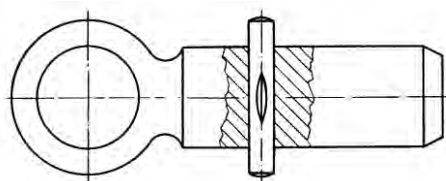


Date tehnice

d_1	$c \approx$	Toleranță	V	d_1	$c \approx$	Toleranță	V
1.5	0.2	h9	1.6	4	0.5	h11	10.6
2	0.25	h9	2.85	5	0.6	h11	16.5
2.5	0.3	h9	4.25	6	0.8	h11	22.8
3	0.4	h11	6.15	8	1	h11	40.5

- V = Putere dublă minimă în kN.
- Pentru diametrul orificiului d_1 (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) nu include capetele rotunjite (toleranță ±15).

Exemplu de aplicație



39750	Știft paralel crestat central longitudinal	L11F
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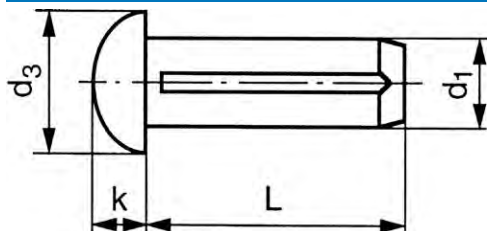
L11F

Material	Oțel prelucrabil
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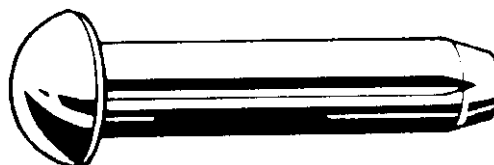


d _i x L	☒		d _i x L	☒		d _i x L	☒	
1,5X8MM	200	39750.015.008	3X12MM	200	39750.030.012	5X40MM	100	39750.050.040
1,5X10MM	200	39750.015.010	3X16MM	200	39750.030.016			
1,5X16MM	200	39750.015.016	3X20MM	200	39750.030.020	6X12MM	100	39750.060.012
			3X24MM	200	39750.030.024	6X16MM	100	39750.060.016
2X6MM	200	39750.020.006	3X30MM	200	39750.030.030	6X20MM	100	39750.060.020
2X10MM	200	39750.020.010				6X24MM	100	39750.060.024
2X12MM	200	39750.020.012	4X12MM	200	39750.040.012	6X30MM	100	39750.060.030
2X16MM	200	39750.020.016	4X16MM	200	39750.040.016	6X36MM	100	39750.060.036
2X20MM	200	39750.020.020	4X20MM	200	39750.040.020	6X40MM	100	39750.060.040
2X24MM	200	39750.020.024	4X24MM	200	39750.040.024	6X45MM	100	39750.060.045
			4X30MM	200	39750.040.030	6X50MM	100	39750.060.050
2,5X8MM	200	39750.025.008	4X36MM	100	39750.040.036	6X60MM	100	39750.060.060
2,5X10MM	200	39750.025.010	4X40MM	100	39750.040.040			
2,5X12MM	200	39750.025.012				8X20MM	100	39750.080.020
2,5X16MM	200	39750.025.016	5X10MM	200	39750.050.010	8X24MM	100	39750.080.024
2,5X20MM	200	39750.025.020	5X12MM	200	39750.050.012	8X30MM	100	39750.080.030
2,5X24MM	200	39750.025.024	5X16MM	200	39750.050.016	8X36MM	50	39750.080.036
2,5X30MM	200	39750.025.030	5X20MM	100	39750.050.020	8X40MM	50	39750.080.040
			5X24MM	100	39750.050.024	8X45MM	50	39750.080.045
3X6MM	200	39750.030.006	5X30MM	100	39750.050.030	8X50MM	50	39750.080.050
3X8MM	200	39750.030.008	5X36MM	100	39750.050.036	8X60MM	50	39750.080.060
3X10MM	200	39750.030.010						

Știft paralel cu cap bombat crestat longitudinal



DIN 1476
ISO 8746
NEN 2460



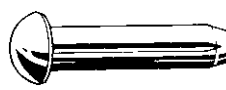
Date tehnice

d ₁	d ₃	k	Toleranță
1.4	2.4	0.8	0/ - 0.05
1.7 (#DIN)	3	1	0/ - 0.05
2	3.5	1.2	0/ - 0.05
2.5	4.4	1.4	0/ - 0.05
2.6 (#DIN)	4.5	1.6	0/ - 0.075
3	5.2	1.8	0/ - 0.075
4	7	2.4	0/ - 0.1
5	8.8	3	0/ - 0.1
6	10.5	3.6	0/ - 0.1

- Pentru diametrul orificiului d₁ (nominal) se recomandă o toleranță H11.
- Lungimea nominală (L) este cu toleranță js15.

Grupe de articole

Material	Cod	Pag.
Oțel UTS 36-2	39760	9-21
INOX A2	51589	9-21

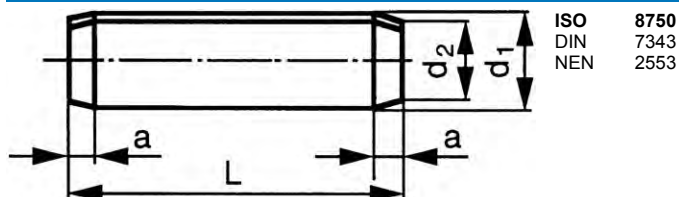
39760	Știft paralel cu cap bombat crestat longitudinal	L11F
Material	Oțel UTS 36-2	
		
		

d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒
1,4X3MM	200	39760.014.003	2,6X4MM	200	39760.026.004
1,4X4MM	200	39760.014.004	2,6X5MM	200	39760.026.005
1,4X6MM	200	39760.014.006	2,6X6MM	200	39760.026.006
			2,6X8MM	200	39760.026.008
1,7X3MM	200	39760.017.003	2,6X10MM	200	39760.026.010
1,7X4MM	200	39760.017.004			
1,7X5MM	200	39760.017.005	3X4MM	200	39760.030.004
1,7X6MM	200	39760.017.006	3X5MM	200	39760.030.005
			3X6MM	200	39760.030.006
2X3MM	200	39760.020.003	3X8MM	200	39760.030.008
2X4MM	200	39760.020.004	3X10MM	200	39760.030.010
2X5MM	200	39760.020.005	3X12MM	200	39760.030.012
2X6MM	200	39760.020.006	3X15MM	200	39760.030.015
2X8MM	200	39760.020.008			
2X10MM	200	39760.020.010	4X6MM	200	39760.040.006
			4X8MM	200	39760.040.008
2,6X3MM	200	39760.026.003			
			4X10MM	200	39760.040.010
			4X12MM	200	39760.040.012
			4X15MM	200	39760.040.015
			5X8MM	200	39760.050.008
			5X10MM	200	39760.050.010
			5X12MM	200	39760.050.012
			5X15MM	200	39760.050.015
			5X20MM	200	39760.050.020
			5X25MM	200	39760.050.025
			6X10MM	200	39760.060.010
			6X12MM	200	39760.060.012
			6X15MM	200	39760.060.015
			6X20MM	200	39760.060.020
			6X25MM	200	39760.060.025

51589	Știft paralel cu cap bombat crestat longitudinal	R09A
Material	Oțel inoxidabil A2	
		
		

d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒
2X3MM*	500	51589.020.003	2,5X3MM*	500	51589.025.003
2X4MM*	500	51589.020.004	2,5X4MM*	500	51589.025.004
2X5MM*	500	51589.020.005	2,5X5MM*	500	51589.025.005
2X6MM*	500	51589.020.006	2,5X6MM*	500	51589.025.006
2X8MM*	500	51589.020.008	2,5X8MM*	500	51589.025.008
2X10MM*	500	51589.020.010	2,5X10MM*	500	51589.025.010
			3X4MM*	500	51589.030.004
			3X5MM	500	51589.030.005
			3X6MM*	500	51589.030.006
			3X8MM*	500	51589.030.008
			3X10MM*	500	51589.030.010
			3X12MM*	500	51589.030.012
			3X16MM*	500	51589.030.016

Știft elastic spiralat, sarcini normale



ISO 8750
DIN 7343
NEN 2553



Date tehnice

d (nom.)	a ≈	d ₁ (max.)	d ₁ (min.)	d ₂	V
1	0.3	1.15	1.05	0.95	0.6
1.5	0.5	1.73	1.62	1.4	1.45
2	0.7	2.25	2.13	1.9	2.5
2.5	0.7	2.78	2.65	2.4	3.9
3	0.9	3.3	3.15	2.9	5.5
4	1.1	4.4	4.2	3.9	9.6
5	1.3	5.5	5.25	4.85	15
6	1.5	6.5	6.25	5.85	22
8	2	8.63	8.3	7.8	39
10	2.5	10.8	10.35	9.75	62
12	3	12.85	12.4	11.7	89
14	3.5	14.95	14.45	13.6	120
16	4	17	16.45	15.6	155

- V = Forță dublă minimă în kN.
- Caracteristici speciale ale știfturilor elastice drepte (știfturi spiralate).
- Sunt folosite pentru conexiuni demontabile (poziționări) a două sau mai multe părți și pot fi folosite și pentru axuri și pivotări, blocări sau suporturi.
- Datorită secțiunii spiralate (aproximativ 2.1/4 toroizi) acești pini (pini spiralati) sunt foarte flexibili și pot fi folosiți de mai multe ori pentru sarcini dinamice. Distribuția egală a stresului de-a lungul secțiunii permite absorbția forțelor indiferent de direcția acestora.
- Cu capete rectificate unghiular, pot fi introduse și instalate facil.
- Pentru diametrul de găurire d(nominal) toleranță H12 este recomandată cu excepția d(nominal) de 1 mm unde se recomandă toleranță H10.

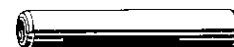
Exemplu de aplicație



39140 Știft elastic spiralat, sarcini normale

L09A

Material Oțel arc 420-560 HV30



d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒
1,5X4MM	200	39140.015.004	2,5X16MM	200	39140.025.016
1,5X6MM	200	39140.015.006	2,5X18MM	200	39140.025.018
1,5X8MM	200	39140.015.008	2,5X20MM	200	39140.025.020
1,5X10MM	200	39140.015.010	2,5X24MM	200	39140.025.024
1,5X12MM	200	39140.015.012			
1,5X14MM	200	39140.015.014	3X8MM	200	39140.030.008
1,5X16MM	200	39140.015.016	3X10MM	200	39140.030.010
			3X12MM	200	39140.030.012
2X6MM	200	39140.020.006	3X14MM	200	39140.030.014
2X8MM	200	39140.020.008	3X16MM	200	39140.030.016
2X10MM	200	39140.020.010	3X20MM	200	39140.030.020
2X12MM	200	39140.020.012	3X22MM	200	39140.030.022
2X14MM	200	39140.020.014	3X24MM	200	39140.030.024
2X16MM	200	39140.020.016	3X26MM	200	39140.030.026
2X20MM	200	39140.020.020	3X28MM	200	39140.030.028
			3X30MM	200	39140.030.030
2,5X8MM	200	39140.025.008			
2,5X10MM	200	39140.025.010	4X10MM	200	39140.040.010
2,5X12MM	200	39140.025.012	4X12MM	200	39140.040.012
2,5X14MM	200	39140.025.014	4X16MM	200	39140.040.016
			4X18MM	200	39140.040.018
			4X20MM	200	39140.040.020
			4X22MM	200	39140.040.022
			4X24MM	200	39140.040.024
			4X26MM	200	39140.040.026
			4X28MM	200	39140.040.028
			4X30MM	200	39140.040.030
			4X32MM	100	39140.040.032
			4X35MM	100	39140.040.035
			4X40MM	100	39140.040.040
			5X12MM	200	39140.050.012
			5X16MM	200	39140.050.016
			5X20MM	100	39140.050.020
			5X22MM	100	39140.050.022
			5X24MM	100	39140.050.024
			5X26MM	100	39140.050.026
			5X28MM	100	39140.050.028
			5X30MM	100	39140.050.030
			5X32MM	100	39140.050.032

39140 Știft elastic spiralat, sarcini normale											
d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒				
5X35MM	100	39140.050.035	8X32MM	50	39140.080.032	12X30MM	25	39140.120.030			
5X40MM	100	39140.050.040	8X35MM	50	39140.080.035	12X35MM	25	39140.120.035			
5X45MM	100	39140.050.045	8X40MM	50	39140.080.040	12X40MM	25	39140.120.040			
			8X50MM	50	39140.080.050	12X50MM	10	39140.120.050			
6X12MM	200	39140.060.012	8X60MM	50	39140.080.060	12X55MM	10	39140.120.055			
6X16MM	200	39140.060.016	8X70MM	25	39140.080.070	12X60MM	10	39140.120.060			
6X20MM	100	39140.060.020				12X70MM	10	39140.120.070			
6X24MM	100	39140.060.024	10X20MM	50	39140.100.020	12X80MM	10	39140.120.080			
6X26MM	100	39140.060.026	10X22MM	50	39140.100.022	12X85MM	10	39140.120.085			
6X28MM	100	39140.060.028	10X24MM	50	39140.100.024	12X90MM	10	39140.120.090			
6X30MM	100	39140.060.030	10X28MM	50	39140.100.028	12X100MM	10	39140.120.100			
6X32MM	100	39140.060.032	10X30MM	50	39140.100.030	12X120MM	10	39140.120.120			
6X35MM	100	39140.060.035	10X35MM	25	39140.100.035						
6X40MM	100	39140.060.040	10X40MM	25	39140.100.040	16X40MM	5	39140.160.040			
6X45MM	50	39140.060.045	10X45MM	25	39140.100.045	16X50MM	5	39140.160.050			
6X50MM	50	39140.060.050	10X50MM	25	39140.100.050	16X60MM	5	39140.160.060			
			10X60MM	25	39140.100.060	16X80MM	5	39140.160.080			
8X20MM	100	39140.080.020	10X70MM	25	39140.100.070	16X90MM	5	39140.160.090			
8X24MM	100	39140.080.024	10X80MM	10	39140.100.080	16X100MM	5	39140.160.100			
8X30MM	50	39140.080.030				16X120MM	5	39140.160.120			

- Atenție: galvanizarea electrolitică a acestor produse poate cauza fragilizare prin hidrogenare.

Știft elastic spiralat, sarcini normale, inox A2



ISO ≈8750
DIN ≈7343
NEN ≈2553



Date tehnice

d (nom.)	a ≈	d ₁ (max.)	d ₁ (min.)	d ₂	V
1	0.3	1.15	1.05	0.95	0.45
1.5	0.5	1.73	1.62	1.4	1.05
2	0.7	2.25	2.13	1.9	1.9
2.5	0.7	2.78	2.65	2.4	2.9
3	0.9	3.3	3.15	2.9	4.2
4	1.1	4.4	4.2	3.9	7.6
5	1.3	5.5	5.25	4.85	11.5
6	1.5	6.5	6.25	5.85	16.8
8	2	8.63	8.3	7.8	30

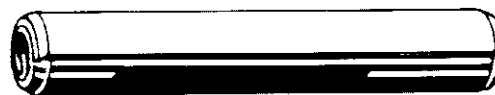
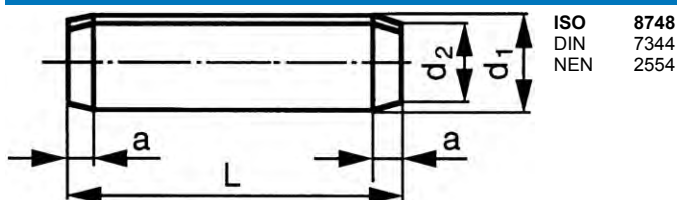
- V = Forța dublă minimă în kN.
- Caracteristici speciale ale știfturilor elastice drepte (știfturi spiralate).
- Sunt folosite pentru conexiuni demontabile (poziționări) a două sau mai multe părți și pot fi folosite și pentru axuri și pivotări, blocări sau suporturi.
- Datorită secțiunii spiralate (aproximativ 2.1/4 toroizi) acești pini (pini spiralati) sunt foarte flexibili și pot fi folosiți de mai multe ori pentru sarcini dinamice.
- Distribuția egală a stresului de-a lungul secțiunii permite absorbția forțelor indiferent de direcția acestora.
- Cu capete rectificate unghiular, pot fi introduse și instalate facil.
- Pentru diametrul de găurire d(nominal) toleranța H12 este recomandată cu excepția d(nominal) de 1 mm unde se recomandă toleranța H10.
- Tipul de oțel austenitic este la discreția producătorului și poate varia de la tipurile de oțel menționate în ISO 3506

51430	Știft elastic spiralat, sarcini normale, inox A2			R09A
Material	Oțel inoxidabil A2			
				
				

d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒	
1X4MM	200	51430.010.004	1,5X14MM	200	51430.015.014	2,5X6MM*	1000	51430.025.006
1X6MM	200	51430.010.006	1,5X16MM	200	51430.015.016	2,5X8MM	200	51430.025.008
1X8MM	200	51430.010.008				2,5X10MM	200	51430.025.010
1X10MM	200	51430.010.010	2X5MM*	1000	51430.020.005	2,5X12MM	200	51430.025.012
1X12MM	200	51430.010.012	2X6MM	200	51430.020.006	2,5X14MM	200	51430.025.014
			2X8MM	200	51430.020.008	2,5X16MM	200	51430.025.016
1,5X4MM	200	51430.015.004	2X10MM	200	51430.020.010	2,5X18MM	200	51430.025.018
1,5X5MM	200	51430.015.005	2X12MM	200	51430.020.012	2,5X20MM	200	51430.025.020
1,5X6MM*	1000	51430.015.006	2X14MM	200	51430.020.014	2,5X24MM	200	51430.025.024
1,5X8MM	200	51430.015.008	2X16MM	200	51430.020.016			
1,5X10MM	200	51430.015.010	2X18MM	200	51430.020.018			
1,5X12MM	200	51430.015.012	2X20MM	200	51430.020.020	3X8MM	200	51430.030.008

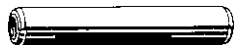
51430 Știft elastic spiralat, sarcini normale, inox A2							←	
d (nom.) x L	✉		d (nom.) x L	✉		d (nom.) x L	✉	
3X10MM	200	51430.030.010	4X32MM*	500	51430.040.032	6X16MM	200	51430.060.016
3X12MM	200	51430.030.012	4X35MM	100	51430.040.035	6X18MM	100	51430.060.018
3X14MM	200	51430.030.014	4X40MM	100	51430.040.040	6X20MM	100	51430.060.020
3X16MM	200	51430.030.016	4X45MM*	500	51430.040.045	6X22MM	100	51430.060.022
3X18MM	200	51430.030.018	4X50MM*	500	51430.040.050	6X24MM	100	51430.060.024
3X20MM	200	51430.030.020				6X26MM	100	51430.060.026
3X22MM	200	51430.030.022	5X10MM*	500	51430.050.010	6X28MM	100	51430.060.028
3X24MM	200	51430.030.024	5X12MM	200	51430.050.012	6X30MM	100	51430.060.030
3X26MM	200	51430.030.026	5X14MM	200	51430.050.014	6X32MM	100	51430.060.032
3X28MM	200	51430.030.028	5X16MM	200	51430.050.016	6X35MM	100	51430.060.035
3X30MM	200	51430.030.030	5X18MM	100	51430.050.018	6X40MM	100	51430.060.040
3X32MM*	500	51430.030.032	5X20MM	100	51430.050.020	6X45MM	100	51430.060.045
			5X22MM*	500	51430.050.022	6X50MM	100	51430.060.050
4X8MM	200	51430.040.008	5X24MM	100	51430.050.024			
4X10MM	200	51430.040.010	5X26MM	100	51430.050.026	8X16MM	100	51430.080.016
4X12MM	200	51430.040.012	5X28MM	100	51430.050.028	8X20MM	100	51430.080.020
4X14MM	200	51430.040.014	5X30MM	100	51430.050.030	8X24MM	100	51430.080.024
4X16MM	200	51430.040.016	5X32MM	100	51430.050.032	8X26MM	50	51430.080.026
4X18MM	200	51430.040.018	5X35MM	100	51430.050.035	8X28MM	50	51430.080.028
4X20MM	200	51430.040.020	5X40MM	100	51430.050.040	8X30MM	50	51430.080.030
4X22MM	200	51430.040.022	5X45MM	100	51430.050.045	8X32MM	50	51430.080.032
4X24MM	200	51430.040.024	5X50MM	100	51430.050.050	8X35MM	50	51430.080.035
4X26MM	200	51430.040.026				8X40MM	50	51430.080.040
4X28MM	200	51430.040.028	6X12MM	200	51430.060.012	8X45MM	50	51430.080.045
4X30MM	200	51430.040.030	6X14MM	200	51430.060.014	8X50MM	50	51430.080.050

Știft elastic spiralat, sarcini mari



Date tehnice					
d (nom.)	a ≈	d ₁ (max.)	d ₁ (min.)	d ₂	V
1.5	0.5	1.71	1.61	1.4	1.9
2	0.7	2.21	2.11	1.9	3.5
2.5	0.7	2.73	2.62	2.4	5.5
3	0.9	3.25	3.12	2.9	7.6
4	1.1	4.3	4.15	3.9	13.5
5	1.3	5.35	5.15	4.85	20
6	1.5	6.4	6.18	5.85	30

- V = Forța dubla minimă în kN.
- Caracteristici speciale ale știfturilor elastice drepte (știfturi spiralate).
- Sunt folosite pentru conexiuni demontabile (poziționări) a două sau mai multe părți și pot fi folosite și pentru axuri și pivotări, blocări sau suporturi.
- Datorită secțiunii spiralate (aproximativ 2.1/4 toroizi) acești pini (pini spiralati) sunt foarte flexibili și pot fi folosiți de mai multe ori pentru sarcini dinamice.
- Distribuția egală a stresului de-a lungul secțiunii permite absorbția forțelor indiferent de direcția acestora.
- Cu capete rectificate unghiular, pot fi introduse și instalate facil.
- Pentru diametrul de găurire d(nominal) toleranța H12 este recomandată cu excepția d(nominal) de 1 mm unde se recomandă toleranța H10.

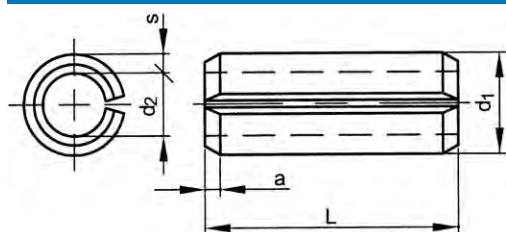
39150 Știft elastic spiralat, sarcini mari		L09A
Material	Oțel arc 420-560 HV30	
		 

d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒	
1,5X4MM	200	39150.015.004	2X10MM	200	39150.020.010	2,5X20MM	200	39150.025.020
1,5X5MM	200	39150.015.005	2X12MM	200	39150.020.012	2,5X22MM	200	39150.025.022
1,5X6MM	200	39150.015.006	2X14MM	200	39150.020.014	2,5X24MM	200	39150.025.024
1,5X8MM	200	39150.015.008	2X16MM	200	39150.020.016			
1,5X10MM	200	39150.015.010	2X20MM	200	39150.020.020	3X8MM	200	39150.030.008
1,5X12MM	200	39150.015.012				3X10MM	200	39150.030.010
1,5X14MM	200	39150.015.014	2,5X10MM	200	39150.025.010	3X12MM	200	39150.030.012
1,5X16MM	200	39150.015.016	2,5X12MM	200	39150.025.012	3X14MM	200	39150.030.014
			2,5X14MM	200	39150.025.014	3X16MM	200	39150.030.016
2X6MM	200	39150.020.006	2,5X16MM	200	39150.025.016	3X20MM	200	39150.030.020
2X8MM	200	39150.020.008	2,5X18MM	200	39150.025.018	3X22MM	200	39150.030.022

39150 Știft elastic spiralat, sarcini mari							←
d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒
3X24MM	200	39150.030.024	4X35MM	100	39150.040.035	5X45MM	100
3X28MM	200	39150.030.028	4X40MM	100	39150.040.040		
3X30MM	200	39150.030.030				6X14MM	100
			5X12MM	200	39150.050.012	6X16MM	100
4X10MM	200	39150.040.010	5X14MM	200	39150.050.014	6X18MM	100
4X12MM	200	39150.040.012	5X16MM	200	39150.050.016	6X20MM	100
4X14MM	200	39150.040.014	5X18MM	100	39150.050.018	6X22MM	100
4X16MM	200	39150.040.016	5X20MM	100	39150.050.020	6X24MM	100
4X18MM	200	39150.040.018	5X22MM	100	39150.050.022	6X26MM	100
4X20MM	200	39150.040.020	5X24MM	100	39150.050.024	6X28MM	100
4X22MM	200	39150.040.022	5X26MM	100	39150.050.026	6X30MM	100
4X24MM	200	39150.040.024	5X28MM	100	39150.050.028	6X32MM	100
4X26MM	200	39150.040.026	5X30MM	100	39150.050.030	6X35MM	100
4X28MM	200	39150.040.028	5X32MM	100	39150.050.032	6X40MM	100
4X30MM	200	39150.040.030	5X35MM	100	39150.050.035	6X50MM	100
4X32MM	100	39150.040.032	5X40MM	100	39150.050.040		

- Atenție: galvanizarea electrolitică a acestor produse poate cauza fragilizare prin hidrogenare.

Știft elastic, sarcini mari



ISO 8752
DIN 1481
NEN 2458
BS 7060



Date tehnice

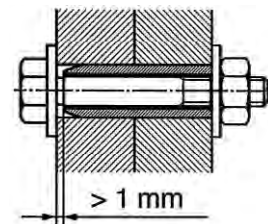
d (nom.)	a (min.)	d ₁ (max.)	d ₁ (min.)	d ₂ ≈	s	V
1.5	0.25	1.8	1.7	1.1	0.3	1.58
2	0.35	2.4	2.3	1.5	0.4	2.82
2.5	0.4	2.9	2.8	1.8	0.5	4.38
3	0.5	3.5	3.3	2.1	0.6	6.32
3.5	0.6	4	3.8	2.3	0.75	9.06
4	0.65	4.6	4.4	2.8	0.8	11.24
4.5	0.8	5.1	4.9	2.9	1	15.36
5	0.9	5.6	5.4	3.4	1	17.54
6	1.2	6.7	6.4	3.9	1.25	26.04
7 (#DIN)	2	7.8	7.5	4.5	1.5	31.4
8	1.6	8.8	8.5	5.5	1.5	42.76
9 (#DIN)	2	9.8	9.5	5.5	2	60.66
10	2	10.8	10.5	6.5	2	70.16
12	2	12.8	12.5	7.5	2.5	104.1
13	2	13.8	13.5	8.5	2.5	115.1
14	2	14.8	14.4	8.5	3	144.7
16	2	16.8	16.5	10.5	3	171
18	2	18.9	18.5	11.5	3.5	222.5
20	3	20.9	20.5	12.5	4	280.6

- V = Forța dublă minimă în kN.
- Pentru diametrul de găurire d(nominal) toleranța H12 este recomandată.

Caracteristici speciale știfturi elastice:

- sunt folosite pentru conectarea a două sau mai multe elemente împreună
- foarte potrivite pentru a absorbi forțe de forfecare
- pentru a evita mișcările în conectări cu bolțuri mici știfturile elastice pot fi folosite conform informației de mai jos

d (nom.) știft elastic drept	6	8	10	12	16	18
Pentru bolț mărimea	M3	M4	M5	M6	M8	M10
Șaibe recomandate conf DIN 7349	3,2	4,3	5,3	6,4	8,4	10,5

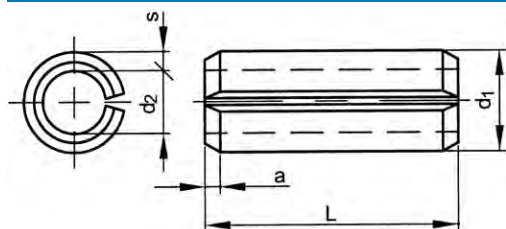


39100	Știft elastic, sarcini mari	L09A
Material	Oțel arc 420-560 HV30	
		
		

d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒
1,5X6MM	200	39100.015.006	4X12MM	200	39100.040.012
1,5X8MM	200	39100.015.008	4X14MM	200	39100.040.014
1,5X10MM	200	39100.015.010	4X16MM	200	39100.040.016
1,5X12MM	200	39100.015.012	4X18MM	200	39100.040.018
1,5X16MM	200	39100.015.016	4X20MM	200	39100.040.020
1,5X20MM	200	39100.015.020	4X22MM	200	39100.040.022
			4X24MM	200	39100.040.024
2X4MM	200	39100.020.004	4X26MM	200	39100.040.026
2X8MM	200	39100.020.008	4X28MM	200	39100.040.028
2X10MM	200	39100.020.010	4X30MM	200	39100.040.030
2X12MM	200	39100.020.012	4X32MM	100	39100.040.032
2X14MM	200	39100.020.014	4X35MM	100	39100.040.035
2X16MM	200	39100.020.016	4X40MM	100	39100.040.040
2X20MM	200	39100.020.020	4X45MM	100	39100.040.045
2X24MM	200	39100.020.024	4X50MM	100	39100.040.050
2X26MM	200	39100.020.026	4X60MM	100	39100.040.060
2X30MM	200	39100.020.030			
2X40MM	200	39100.020.040	4,5X10MM	200	39100.045.010
			4,5X12MM	200	39100.045.012
2,5X6MM	1	39100.025.006	4,5X14MM	200	39100.045.014
2,5X8MM	200	39100.025.008	4,5X16MM	200	39100.045.016
2,5X10MM	200	39100.025.010	4,5X20MM	200	39100.045.020
2,5X12MM	200	39100.025.012	4,5X30MM	100	39100.045.030
2,5X16MM	200	39100.025.016	4,5X40MM	200	39100.045.040
2,5X18MM	200	39100.025.018	4,5X45MM	100	39100.045.045
2,5X20MM	200	39100.025.020	4,5X50MM	200	39100.045.050
2,5X24MM	200	39100.025.024	4,5X60MM	200	39100.045.060
2,5X26MM	200	39100.025.026			
2,5X28MM	200	39100.025.028	5X10MM	200	39100.050.010
2,5X30MM	200	39100.025.030	5X12MM	200	39100.050.012
2,5X35MM	200	39100.025.035	5X16MM	100	39100.050.016
2,5X40MM	200	39100.025.040	5X18MM	100	39100.050.018
			5X20MM	100	39100.050.020
3X6MM	200	39100.030.006	5X24MM	100	39100.050.024
3X8MM	200	39100.030.008	5X26MM	100	39100.050.026
3X10MM	200	39100.030.010	5X28MM	100	39100.050.028
3X12MM	200	39100.030.012	5X30MM	100	39100.050.030
3X14MM	200	39100.030.014	5X32MM	100	39100.050.032
3X16MM	200	39100.030.016	5X35MM	100	39100.050.035
3X18MM	200	39100.030.018	5X40MM	100	39100.050.040
3X20MM	200	39100.030.020	5X45MM	100	39100.050.045
3X22MM	200	39100.030.022	5X50MM	100	39100.050.050
3X24MM	200	39100.030.024	5X55MM	100	39100.050.055
3X26MM	200	39100.030.026	5X60MM	100	39100.050.060
3X28MM	200	39100.030.028	5X70MM	50	39100.050.070
3X30MM	200	39100.030.030	5X80MM	50	39100.050.080
3X32MM	200	39100.030.032			
3X35MM	200	39100.030.035	6X12MM	200	39100.060.012
3X40MM	200	39100.030.040	6X16MM	100	39100.060.016
3X45MM	200	39100.030.045	6X18MM	100	39100.060.018
3X50MM	200	39100.030.050	6X20MM	100	39100.060.020
			6X22MM	100	39100.060.022
3,5X10MM	200	39100.035.010	6X24MM	100	39100.060.024
3,5X12MM	200	39100.035.012	6X26MM	100	39100.060.026
3,5X16MM	200	39100.035.016	6X28MM	100	39100.060.028
3,5X18MM	200	39100.035.018	6X30MM	100	39100.060.030
3,5X20MM	200	39100.035.020	6X32MM	100	39100.060.032
3,5X22MM	200	39100.035.022	6X35MM	100	39100.060.035
3,5X24MM	200	39100.035.024	6X40MM	100	39100.060.040
3,5X26MM	200	39100.035.026	6X45MM	50	39100.060.045
3,5X30MM	200	39100.035.030	6X50MM	50	39100.060.050
3,5X32MM	200	39100.035.032	6X55MM	50	39100.060.055
3,5X35MM	200	39100.035.035	6X60MM	50	39100.060.060
3,5X40MM	200	39100.035.040	6X65MM	50	39100.060.065
3,5X45MM	200	39100.035.045	6X70MM	50	39100.060.070
3,5X50MM	200	39100.035.050	6X80MM	50	39100.060.080
			6X90MM	50	39100.060.090
4X8MM	200	39100.040.008	6X100MM	50	39100.060.100
4X10MM	200	39100.040.010			
			8X16MM	500	39100.080.016
			8X20MM	50	39100.080.020
			8X24MM	50	39100.080.024
			8X26MM	50	39100.080.026
			8X30MM	50	39100.080.030
			8X32MM	50	39100.080.032
			8X35MM	50	39100.080.035
			8X40MM	50	39100.080.040
			8X45MM	50	39100.080.045
			8X50MM	50	39100.080.050
			8X55MM	50	39100.080.055
			8X60MM	50	39100.080.060
			8X70MM	25	39100.080.070
			8X80MM	25	39100.080.080
			8X100MM	10	39100.080.100
			10X20MM	50	39100.100.020
			10X22MM	50	39100.100.022
			10X24MM	50	39100.100.024
			10X26MM	50	39100.100.026
			10X30MM	50	39100.100.030
			10X35MM	50	39100.100.035
			10X40MM	25	39100.100.040
			10X45MM	25	39100.100.045
			10X50MM	25	39100.100.050
			10X55MM	25	39100.100.055
			10X60MM	25	39100.100.060
			10X70MM	25	39100.100.070
			10X75MM	25	39100.100.075
			10X80MM	10	39100.100.080
			10X90MM	10	39100.100.090
			10X100MM	10	39100.100.100
			12X24MM	25	39100.120.024
			12X30MM	25	39100.120.030
			12X36MM	25	39100.120.036
			12X40MM	25	39100.120.040
			12X45MM	100	39100.120.045
			12X50MM	10	39100.120.050
			12X60MM	10	39100.120.060
			12X65MM	10	39100.120.065
			12X70MM	10	39100.120.070
			12X80MM	10	39100.120.080
			12X90MM	10	39100.120.090
			12X100MM	10	39100.120.100
			12X120MM	10	39100.120.120
			16X36MM	5	39100.160.036
			16X40MM	5	39100.160.040
			16X50MM	5	39100.160.050
			16X60MM	5	39100.160.060
			16X70MM	5	39100.160.070
			16X75MM	5	39100.160.075
			16X80MM	5	39100.160.080
			16X90MM	5	39100.160.090
			16X100MM	5	39100.160.100
			16X120MM	5	39100.160.120
			18X50MM	5	39100.180.050
			20X60MM	5	39100.200.060
			20X70MM	5	39100.200.070
			20X80MM	5	39100.200.080
			20X85MM	5	39100.200.085
			20X90MM	5	39100.200.090
			20X95MM	5	39100.200.095
			20X100MM	5	39100.200.100
			20X120MM	5	39100.200.120

• Atenție: galvanizarea electrolică a acestor produse poate cauza fragilizare prin hidrogenare.

Știft elastic, sarcini mici



ISO 13337
DIN 7346
NEN 2459



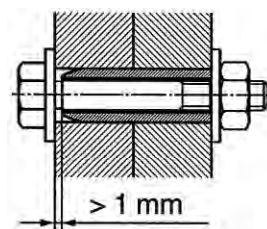
Date tehnice

d (nom.)	a	d ₁ (max.)	d ₁ (min.)	d ₂ ≈	s	V
2	0.2	2.4	2.3	1.9	0.2	1.5
2.5	0.25	2.9	2.8	2.3	0.25	2.4
3	0.25	3.5	3.3	2.7	0.3	3.5
4	0.5	4.6	4.4	3.4	0.5	8
5	0.5	5.6	5.4	4.4	0.5	10.4
6	0.7	6.7	6.4	4.9	0.75	18
8	1.5	8.8	8.5	7	0.75	24
10	2	10.8	10.5	8.5	1	40
13	2	13.8	13.5	11	1.25	66

- V = Forță dublă minimă în kN.
- Pentru diametrul de găurire d(nominal) toleranța H12 este recomandată.
- a: pentru mărimi peste 10 mm un singur capăt.

Caracteristici speciale știfturi elastice:

- sunt folosite pentru conectarea a două sau mai multe elemente împreună
- foarte potrivite pentru a absorbi forțe de forfecare
- pentru a evita mișcările în conectări cu bolțuri mici știfturile elastice pot fi folosite conform informației de mai jos



d (nom.) știft elastic drept	6	7	8	11	13	16	18
Pentru bolț mărirea	M4	M5	M6	M8	M10	M12	M14
Șaibe recomandate conf. DIN 125-1A	4,3	5,3	6,4	8,4	10,5	13	15

39060 Știft elastic, sarcini mici

L09A

Material Oțel arc 420-560 HV30

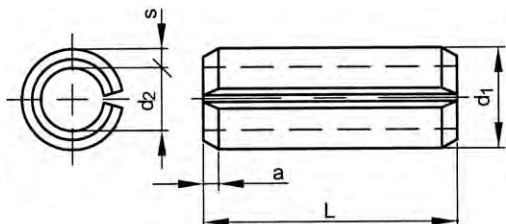


d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒			
2X8MM	200	39060.020.008	3X40MM	200	39060.030.040			
2X10MM	200	39060.020.010			6X16MM	200	39060.060.016	
2X12MM	200	39060.020.012	4X10MM	200	39060.040.010	6X20MM	100	39060.060.020
2X14MM	200	39060.020.014	4X12MM	200	39060.040.012	6X24MM	100	39060.060.024
2X16MM	200	39060.020.016	4X14MM	200	39060.040.014	6X28MM	100	39060.060.028
2X18MM	200	39060.020.018	4X16MM	200	39060.040.016	6X30MM	100	39060.060.030
2X20MM	200	39060.020.020	4X20MM	200	39060.040.020	6X32MM	100	39060.060.032
2X24MM	200	39060.020.024	4X22MM	200	39060.040.022	6X36MM	100	39060.060.036
2X28MM	200	39060.020.028	4X24MM	200	39060.040.024	6X40MM	100	39060.060.040
			4X28MM	200	39060.040.028	6X50MM	50	39060.060.050
2,5X6MM	200	39060.025.006	4X30MM	200	39060.040.030			
2,5X8MM	200	39060.025.008	4X36MM	100	39060.040.036	8X10MM	100	39060.080.010
2,5X10MM	200	39060.025.010	4X40MM	100	39060.040.040	8X12MM	100	39060.080.012
2,5X12MM	200	39060.025.012	4X45MM	100	39060.040.045	8X16MM	100	39060.080.016
2,5X14MM	200	39060.025.014	4X50MM	100	39060.040.050	8X20MM	100	39060.080.020
2,5X16MM	200	39060.025.016				8X22MM	100	39060.080.022
2,5X20MM	200	39060.025.020	5X6MM	200	39060.050.006	8X24MM	100	39060.080.024
2,5X24MM	200	39060.025.024	5X8MM	200	39060.050.008	8X26MM	100	39060.080.026
2,5X30MM	200	39060.025.030	5X10MM	200	39060.050.010	8X30MM	50	39060.080.030
			5X12MM	200	39060.050.012	8X32MM	50	39060.080.032
3X8MM	200	39060.030.008	5X16MM	200	39060.050.016	8X36MM	50	39060.080.036
3X10MM	200	39060.030.010	5X20MM	100	39060.050.020	8X40MM	50	39060.080.040
3X12MM	200	39060.030.012	5X28MM	100	39060.050.028	8X45MM	50	39060.080.045
3X16MM	200	39060.030.016	5X30MM	100	39060.050.030	8X50MM	50	39060.080.050
3X20MM	200	39060.030.020	5X36MM	100	39060.050.036			
3X22MM	200	39060.030.022	5X40MM	100	39060.050.040	10X12MM	50	39060.100.012
3X24MM	200	39060.030.024				10X16MM	50	39060.100.016
3X30MM	200	39060.030.030	6X10MM	200	39060.060.010	10X20MM	50	39060.100.020
3X36MM	200	39060.030.036	6X12MM	200	39060.060.012	10X24MM	50	39060.100.024
						10X30MM	50	39060.100.030

39060 Știft elastic, sarcini mici							←
d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒		
10X40MM	25	39060.100.040	10X50MM	25	39060.100.050	10X60MM	25 39060.100.060

- Atenție: galvanizarea electrolică a acestor produse poate cauza fragilizare prin hidrogenare.

Știft elastic, masiv, inox A2



DIN ≈1481
ISO ≈8752
NEN ≈2458
BS ≈7060



Date tehnice

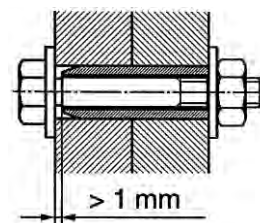
d (nom.)	a	d ₁ (max.)	d ₁ (min.)	d ₂ ≈	s	V
1	0.15	1.3	1.2	0.8	0.2	0.44
1.5	0.25	1.8	1.7	1.1	0.3	0.98
2	0.35	2.4	2.3	1.5	0.4	1.8
2.5	0.4	2.9	2.8	1.8	0.5	2.84
3	0.5	3.5	3.3	2.1	0.6	4.06
3.5	0.6	4	3.8	2.3	0.75	9.06
4	0.65	4.6	4.4	2.8	0.8	7.24
4.5	0.8	5.1	4.9	2.9	1	15.36
5	0.9	5.6	5.4	3.4	1	10.74
6	1.2	6.7	6.4	3.9	1.25	16.16
8	2	8.8	8.5	5.5	1.5	26.46
10	2	10.8	10.5	6.5	2	42.14
12	2	12.8	12.5	7.5	2.5	-

- V = Forța dublă minimă în kN.
- Tipul de oțel austenitic este la discreția producătorului și poate varia de la tipurile de oțel menționate în DIN 267-11.
- Pentru diametrul de găurire d(nominal) toleranța H12 este recomandată.
- Pentru mărimi până la 6 mm ambele capete sunt țesite la 30°, pentru mărimi peste 6 mm un singur capăt este țesit la 15°.

Caracteristici speciale ale știfturilor elastice:

- se folosesc pentru conectarea a două sau mai multe piese una de cealaltă
- foarte potrivite pentru a absorbi forțe de forfecare
- pentru a evita mișcarea în conexiuni ușoare, știfturile elastice pot fi folosite conform informațiilor de mai jos:

d (nom.) știft elastic drept	6	8	10	12	16	18
Pentru boltă mărimea	M3	M4	M5	M6	M8	M10
Șaibă recomandată conf. DIN 7349	3,2	4,3	5,3	6,4	8,4	10,5

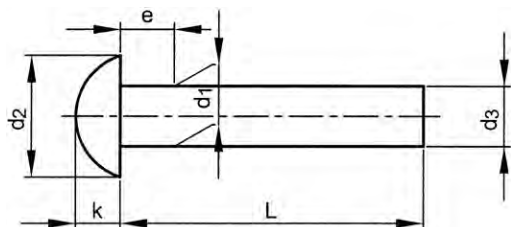


51428 Știft elastic, masiv, inox A2		R09A
Material	Oțel inoxidabil A2	
		
		

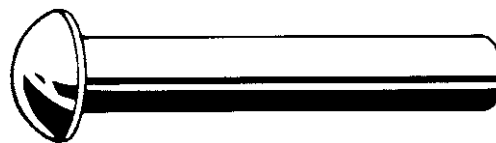
d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒
1X4MM*	1000 51428.010.004	1,5X20MM	200 51428.015.020	2,5X4MM*	1000 51428.025.004
1X5MM*	1000 51428.010.005			2,5X5MM*	1000 51428.025.005
1X10MM*	1000 51428.010.010	2X4MM*	1000 51428.020.004	2,5X6MM*	1000 51428.025.006
1X12MM*	1000 51428.010.012	2X5MM*	1000 51428.020.005	2,5X8MM*	1000 51428.025.008
1X14MM*	1000 51428.010.014	2X6MM	200 51428.020.006	2,5X10MM*	1000 51428.025.010
1X16MM*	1000 51428.010.016	2X8MM	200 51428.020.008	2,5X12MM	200 51428.025.012
1X18MM*	1000 51428.010.018	2X10MM	200 51428.020.010	2,5X14MM	200 51428.025.014
		2X12MM	200 51428.020.012	2,5X16MM	200 51428.025.016
1,5X4MM*	1000 51428.015.004	2X14MM*	1000 51428.020.014	2,5X18MM*	1000 51428.025.018
1,5X5MM*	1000 51428.015.005	2X16MM	200 51428.020.016	2,5X20MM	200 51428.025.020
1,5X6MM	200 51428.015.006	2X18MM*	1000 51428.020.018	2,5X22MM*	1000 51428.025.022
1,5X8MM	200 51428.015.008	2X20MM	200 51428.020.020	2,5X24MM	200 51428.025.024
1,5X10MM	200 51428.015.010	2X22MM*	1000 51428.020.022	2,5X26MM	200 51428.025.026
1,5X12MM	200 51428.015.012	2X24MM	200 51428.020.024	2,5X28MM	200 51428.025.028
1,5X14MM*	1000 51428.015.014	2X26MM*	1000 51428.020.026	2,5X30MM	200 51428.025.030
1,5X16MM	200 51428.015.016	2X30MM	200 51428.020.030		
1,5X18MM*	1000 51428.015.018			3X4MM*	1000 51428.030.004

51428 Ştift elastic, masiv, inox A2							
d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒
3X5MM*	1000	51428.030.005	4,5X16MM*	500	51428.045.016		
3X6MM*	1000	51428.030.006	4,5X18MM*	500	51428.045.018	8X10MM*	500 51428.080.010
3X8MM	200	51428.030.008	4,5X20MM*	500	51428.045.020	8X12MM*	500 51428.080.012
3X10MM	200	51428.030.010	4,5X24MM*	500	51428.045.024	8X14MM*	500 51428.080.014
3X12MM	200	51428.030.012	4,5X26MM*	500	51428.045.026	8X16MM*	500 51428.080.016
3X14MM	200	51428.030.014	4,5X28MM*	500	51428.045.028	8X18MM*	500 51428.080.018
3X16MM	200	51428.030.016	4,5X30MM*	500	51428.045.030	8X20MM*	500 51428.080.020
3X18MM	200	51428.030.018	4,5X32MM*	500	51428.045.032	8X22MM*	500 51428.080.022
3X20MM	200	51428.030.020	4,5X36MM*	500	51428.045.036	8X24MM*	500 51428.080.024
3X22MM*	1000	51428.030.022	4,5X40MM*	500	51428.045.040	8X26MM*	250 51428.080.026
3X24MM	200	51428.030.024	4,5X45MM*	500	51428.045.045	8X28MM*	250 51428.080.028
3X26 MM	200	51428.030.026	4,5X50MM*	500	51428.045.050	8X30MM	50 51428.080.030
3X28MM*	1000	51428.030.028				8X32MM*	250 51428.080.032
3X30MM	200	51428.030.030	5X6MM*	500	51428.050.006	8X35MM	50 51428.080.035
3X32MM	200	51428.030.032	5X8MM*	500	51428.050.008	8X40MM	50 51428.080.040
3X35MM	200	51428.030.035	5X10MM*	500	51428.050.010	8X45MM*	250 51428.080.045
3X40MM	200	51428.030.040	5X12MM*	500	51428.050.012	8X50MM	50 51428.080.050
			5X14MM*	500	51428.050.014	8X55MM*	250 51428.080.055
3,5X8MM*	1000	51428.035.008	5X16MM	100	51428.050.016	8X60MM	50 51428.080.060
3,5X10MM*	1000	51428.035.010	5X18MM*	500	51428.050.018	8X65MM*	250 51428.080.065
3,5X12MM*	1000	51428.035.012	5X20MM	100	51428.050.020	8X70MM	50 51428.080.070
3,5X14MM*	1000	51428.035.014	5X22MM*	500	51428.050.022	8X75MM*	250 51428.080.075
3,5X16MM*	1000	51428.035.016	5X24MM	100	51428.050.024	8X80MM	50 51428.080.080
3,5X18MM*	1000	51428.035.018	5X26MM	100	51428.050.026	8X85MM*	200 51428.080.085
3,5X20MM*	1000	51428.035.020	5X30MM	100	51428.050.030	8X90MM*	100 51428.080.090
3,5X22MM*	1000	51428.035.022	5X32MM*	500	51428.050.032	8X100MM	50 51428.080.100
3,5X24MM*	1000	51428.035.024	5X35MM	100	51428.050.035		
3,5X26MM*	1000	51428.035.026	5X36 MM	100	51428.050.036	10X12MM*	500 51428.100.012
3,5X28MM*	1000	51428.035.028	5X40MM	100	51428.050.040	10X14MM*	500 51428.100.014
3,5X30MM*	1000	51428.035.030	5X45MM	100	51428.050.045	10X16MM*	500 51428.100.016
3,5X32MM*	1000	51428.035.032	5X50MM	100	51428.050.050	10X18MM*	500 51428.100.018
3,5X36MM*	1000	51428.035.036	5X55MM*	250	51428.050.055	10X20MM	50 51428.100.020
3,5X40MM*	1000	51428.035.040	5X60MM	100	51428.050.060	10X22MM*	500 51428.100.022
			5X65MM*	250	51428.050.065	10X25MM*	500 51428.100.025
4X4MM*	500	51428.040.004	5X70MM	100	51428.050.070	10X26MM*	500 51428.100.026
4X5MM*	500	51428.040.005				10X28MM*	500 51428.100.028
4X6MM*	500	51428.040.006	6X12MM	100	51428.060.012	10X30MM	50 51428.100.030
4X8MM*	500	51428.040.008	6X14MM*	500	51428.060.014	10X32MM*	500 51428.100.032
4X10MM*	500	51428.040.010	6X16MM	100	51428.060.016	10X35MM	25 51428.100.035
4X12MM	200	51428.040.012	6X18MM*	500	51428.060.018	10X36MM*	250 51428.100.036
4X14MM	200	51428.040.014	6X20MM	500	51428.060.020	10X40MM	25 51428.100.040
4X16MM	200	51428.040.016	6X22MM*	500	51428.060.022	10X45MM*	250 51428.100.045
4X18MM*	500	51428.040.018	6X24MM	100	51428.060.024	10X50MM	25 51428.100.050
4X20MM	200	51428.040.020	6X26MM	100	51428.060.026	10X55MM*	200 51428.100.055
4X22MM*	500	51428.040.022	6X28MM*	500	51428.060.028	10X60MM	25 51428.100.060
4X24MM	200	51428.040.024	6X30MM	100	51428.060.030	10X65MM*	200 51428.100.065
4X26MM	200	51428.040.026	6X32MM	100	51428.060.032	10X70MM	25 51428.100.070
4X28MM*	500	51428.040.028	6X35MM	50	51428.060.035	10X75MM*	100 51428.100.075
4X30MM	200	51428.040.030	6X36MM	100	51428.060.036	10X80MM	10 51428.100.080
4X32MM	100	51428.040.032	6X40MM	100	51428.060.040	10X85MM*	100 51428.100.085
4X35MM	50	51428.040.035	6X45MM*	250	51428.060.045	10X90MM*	100 51428.100.090
4X40MM	100	51428.040.040	6X50MM	50	51428.060.050	10X95MM*	100 51428.100.095
4X45MM*	500	51428.040.045	6X55MM*	250	51428.060.055	10X100MM	10 51428.100.100
4X50MM	100	51428.040.050	6X60MM	50	51428.060.060	10X120MM*	50 51428.100.120
			6X65MM*	250	51428.060.065		
4,5X10MM*	500	51428.045.010	6X70MM	50	51428.060.070	12X30MM	200 51428.120.030
4,5X12MM*	500	51428.045.012	6X75MM*	250	51428.060.075		
4,5X14MM*	500	51428.045.014	6X80MM	50	51428.060.080		

Nit cu cap rotunjit



DIN 660/124
ISO 1051
BS 4620



Date tehnice

d ₁	d ₂	d ₃ (min.)	e (max.)	k (js14)
2	3.5	1.87	1	1.2
2.5	4.4	2.37	1.25	1.5
3	5.2	2.87	1.5	1.8
4	7	3.87	2	2.4
5	8.8	4.82	2.5	3
6	10.5	5.82	3	3.6
8	14	7.76	4	4.8
10 (DIN124)	16	9.4	5	6.5

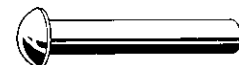
Grupe de articole

Material	Cod	Pag.
Oțel EN 10263-2	39400	9-31
INOX A2	51490	9-31
INOX A4	55490	9-32
Al 99,5 EN1301-2	50670	9-32
Cu EN 10263-5	50370	9-33

39400 Nit cu cap rotunjit

L11C

Material Oțel EN 10263-2

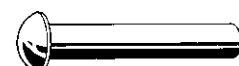


d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒			
2X6MM	1000	39400.020.006	4X25MM	500	39400.040.025	6X40MM	250	39400.060.040
2X8MM	1000	39400.020.008	4X30MM	500	39400.040.030	6X50MM	250	39400.060.050
2X10MM	1000	39400.020.010	4X40MM	250	39400.040.040	6X60MM	100	39400.060.060
2X12MM	1000	39400.020.012						
2X16MM	1000	39400.020.016	5X8MM	1000	39400.050.008	8X10MM	250	39400.080.010
			5X10MM	1000	39400.050.010	8X12MM	250	39400.080.012
3X6MM	1000	39400.030.006	5X12MM	1000	39400.050.012	8X16MM	250	39400.080.016
3X8MM	1000	39400.030.008	5X16MM	1000	39400.050.016	8X20MM	250	39400.080.020
3X10MM	1000	39400.030.010	5X20MM	500	39400.050.020	8X25MM	250	39400.080.025
3X12MM	1000	39400.030.012	5X25MM	500	39400.050.025	8X30MM	250	39400.080.030
3X16MM	1000	39400.030.016	5X30MM	500	39400.050.030	8X35MM	100	39400.080.035
3X20MM	1000	39400.030.020	5X40MM	250	39400.050.040	8X40MM	100	39400.080.040
3X25MM	1000	39400.030.025	5X50MM	250	39400.050.050	8X50MM	100	39400.080.050
3X30MM	1000	39400.030.030				8X60MM	100	39400.080.060
			6X10MM	500	39400.060.010			
4X6MM	1000	39400.040.006	6X12MM	500	39400.060.012	10X20MM	100	39400.100.020
4X8MM	1000	39400.040.008	6X16MM	500	39400.060.016	10X25MM	100	39400.100.025
4X10MM	1000	39400.040.010	6X20MM	500	39400.060.020	10X30MM	100	39400.100.030
4X12MM	1000	39400.040.012	6X25MM	250	39400.060.025	10X35MM	100	39400.100.035
4X16MM	1000	39400.040.016	6X30MM	250	39400.060.030	10X40MM	100	39400.100.040
4X20MM	1000	39400.040.020	6X35MM	250	39400.060.035	10X50MM	100	39400.100.050

51490 Nit cu cap rotunjit

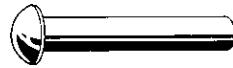
R09A

Material Oțel inoxidabil A2

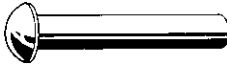


d ₁ x L	☒	d ₁ x L	☒	d ₁ x L	☒			
2X6MM*	500	51490.020.006	2X12MM*	500	51490.020.012	2,5X6MM*	500	51490.025.006
2X8MM*	500	51490.020.008	2X16MM*	500	51490.020.016	2,5X8MM*	500	51490.025.008
2X10MM*	500	51490.020.010	2X20MM*	500	51490.020.020			

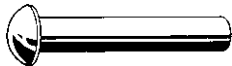
51490 Nit cu cap rotunjit								←
d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒	
2,5X10MM*	500	51490.025.010	4X16MM	100	51490.040.016	5X28MM*	200	51490.050.028
2,5X12MM*	500	51490.025.012	4X18MM*	200	51490.040.018	5X30MM	100	51490.050.030
2,5X35MM*	500	51490.025.035	4X20MM	100	51490.040.020	5X35MM*	200	51490.050.035
			4X25MM	100	51490.040.025	5X40MM*	200	51490.050.040
3X6MM	200	51490.030.006	4X28MM*	200	51490.040.028			
3X8MM	200	51490.030.008	4X30MM	100	51490.040.030	6X10MM	100	51490.060.010
3X10MM	200	51490.030.010	4X35MM*	200	51490.040.035	6X12MM	100	51490.060.012
3X12MM	200	51490.030.012	4X40MM	100	51490.040.040	6X14MM*	100	51490.060.014
3X14MM*	500	51490.030.014	4X45MM*	200	51490.040.045	6X16MM	100	51490.060.016
3X16MM	200	51490.030.016	4X50MM	100	51490.040.050	6X18MM*	100	51490.060.018
3X18MM*	500	51490.030.018	4X60MM	100	51490.040.060	6X20MM	100	51490.060.020
3X20MM	200	51490.030.020				6X22MM*	100	51490.060.022
3X22MM*	500	51490.030.022	5X8MM	100	51490.050.008	6X25MM	100	51490.060.025
3X25MM*	500	51490.030.025	5X10MM	100	51490.050.010	6X28MM*	100	51490.060.028
			5X12MM	100	51490.050.012	6X30MM	100	51490.060.030
4X6MM*	200	51490.040.006	5X14MM*	200	51490.050.014	6X35MM	100	51490.060.035
4X8MM	200	51490.040.008	5X16MM	100	51490.050.016	6X40MM*	100	51490.060.040
4X10MM	200	51490.040.010	5X18MM*	200	51490.050.018	6X45MM*	100	51490.060.045
4X12MM	200	51490.040.012	5X20MM	100	51490.050.020	6X50MM*	100	51490.060.050
4X14MM*	200	51490.040.014	5X25MM	100	51490.050.025			

55490	Nit cu cap rotunjit	R49A
Material	Oțel inoxidabil A4	
		
		

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒	
3X6MM*	500	55490.030.006	4X12MM*	200	55490.040.012	5X12MM*	200	55490.050.012
3X8MM*	500	55490.030.008	4X16MM*	200	55490.040.016	5X20MM*	200	55490.050.020
3X10MM*	500	55490.030.010	4X25MM*	200	55490.040.025			
3X20MM*	500	55490.030.020	4X35MM*	200	55490.040.035	6X10MM*	100	55490.060.010
			4X40MM*	200	55490.040.040	6X12MM*	100	55490.060.012
4X6MM*	200	55490.040.006				6X20MM*	100	55490.060.020
4X8MM*	200	55490.040.008	5X8MM*	200	55490.050.008	6X30MM*	100	55490.060.030
4X10MM*	200	55490.040.010	5X10MM*	200	55490.050.010	6X35MM*	100	55490.060.035

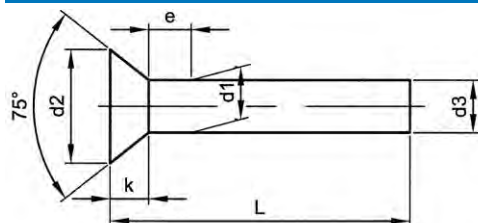
50670	Nit cu cap rotunjit	W01A
Material	Aluminiu 99,5 EN1301-2	
		
		

d ₁ x L	☒		d ₁ x L	☒		d ₁ x L	☒	
2X4MM	1000	50670.020.004	4X6MM	1000	50670.040.006	6X10MM	500	50670.060.010
2X6MM	1000	50670.020.006	4X8MM	1000	50670.040.008	6X12MM	500	50670.060.012
2X8MM	1000	50670.020.008	4X10MM	1000	50670.040.010	6X16MM	500	50670.060.016
2X10MM	1000	50670.020.010	4X12MM	1000	50670.040.012	6X20MM	500	50670.060.020
2X12MM	1000	50670.020.012	4X16MM	1000	50670.040.016	6X25MM	250	50670.060.025
2X16MM	1000	50670.020.016	4X20MM	1000	50670.040.020	6X30MM	250	50670.060.030
			4X25MM	500	50670.040.025	6X35MM	250	50670.060.035
3X4MM	1000	50670.030.004	4X30MM	500	50670.040.030	6X40MM	250	50670.060.040
3X6MM	1000	50670.030.006	4X40MM	250	50670.040.040	6X50MM	250	50670.060.050
3X7MM	1000	50670.030.007						
3X8MM	1000	50670.030.008	5X8MM	1000	50670.050.008			
3X10MM	1000	50670.030.010	5X10MM	1000	50670.050.010	8X16MM	250	50670.080.016
3X12MM	1000	50670.030.012	5X12MM	1000	50670.050.012	8X20MM	250	50670.080.020
3X16MM	1000	50670.030.016	5X16MM	1000	50670.050.016	8X25MM	250	50670.080.025
3X20MM	1000	50670.030.020	5X20MM	500	50670.050.020	8X30MM	250	50670.080.030
3X25MM	1000	50670.030.025	5X25MM	500	50670.050.025	8X35MM	100	50670.080.035
3X30MM	1000	50670.030.030	5X30MM	500	50670.050.030	8X40MM	100	50670.080.040
			5X40MM	250	50670.050.040			

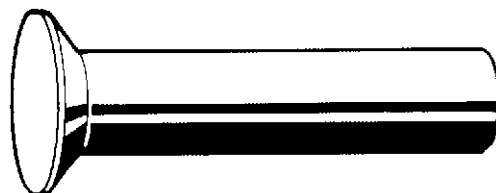
50370	Nit cu cap rotunjit	M11F
Material	Cupru EN 10263-5	
		 

$d_1 \times L$	☒	$d_1 \times L$	☒	$d_1 \times L$	☒
2X4MM	1000	50370.020.004	4X6MM	1000	50370.040.006
2X6MM	1000	50370.020.006	4X8MM	1000	50370.040.008
2X8MM	1000	50370.020.008	4X10MM	1000	50370.040.010
2X10MM	1000	50370.020.010	4X12MM	1000	50370.040.012
2X12MM	1000	50370.020.012	4X16MM	1000	50370.040.016
2X16MM	1000	50370.020.016	4X20MM	1000	50370.040.020
			4X25MM	500	50370.040.025
2,5X6MM	1000	50370.025.006	4X30MM	500	50370.040.030
2,5X8MM	1000	50370.025.008	4X40MM	250	50370.040.040
2,5X10MM	1000	50370.025.010			
			5X8MM	1000	50370.050.008
3X4MM	1000	50370.030.004	5X10MM	1000	50370.050.010
3X6MM	1000	50370.030.006	5X12MM	1000	50370.050.012
3X8MM	1000	50370.030.008	5X16MM	1000	50370.050.016
3X10MM	1000	50370.030.010	5X20MM	500	50370.050.020
3X12MM	1000	50370.030.012	5X25MM	500	50370.050.025
3X16MM	1000	50370.030.016	5X30MM	500	50370.050.030
3X20MM	1000	50370.030.020	5X40MM	250	50370.050.040
3X25MM	1000	50370.030.025	5X50MM	250	50370.050.050
3X30MM	1000	50370.030.030			
			6X10MM	500	50370.060.010
			6X12MM	500	50370.060.012
			6X16MM	500	50370.060.016
			6X20MM	500	50370.060.020
			6X25MM	250	50370.060.025
			6X30MM	250	50370.060.030
			6X35MM	250	50370.060.035
			6X40MM	250	50370.060.040
			6X50MM	250	50370.060.050
			8X16MM	250	50370.080.016
			8X20MM	250	50370.080.020
			8X25MM	250	50370.080.025
			8X30MM	250	50370.080.030
			8X40MM	100	50370.080.040
			8X50MM	100	50370.080.050
			10X30MM	100	50370.100.030
			10X40MM	100	50370.100.040
			10X50MM	100	50370.100.050

Nit cu cap înecat

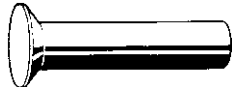


DIN 661/302
ISO 1051
BS 4620



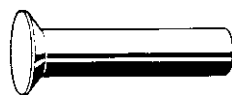
Date tehnice				
d_1	d_2	d_3 (min.)	e (max.)	k ≈
2	3.5	1.87	1	1
2.5	4.4	2.37	1.25	1.2
3	5.2	2.87	1.5	1.4
4	7	3.87	2	2
5	8.8	4.82	2.5	2.5
6	10.5	5.82	3	3
8	14	7.76	4	4
10 (DIN302)	14.5	9.4	5	3

Grupe de articole		
Material	Cod	Pag.
Oțel EN 10263-2	39410	9-33
INOX A2	51480	9-34
Al 99,5 EN1301-2	50680	9-34
Cu EN 12166	50380	9-35

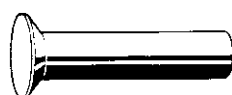
39410	Nit cu cap înecat	L11C
Material	Oțel EN 10263-2	
		 

$d_1 \times L$	☒	$d_1 \times L$	☒	$d_1 \times L$	☒
2X6MM	1000	39410.020.006	3X6MM	1000	39410.030.006
2X8MM	1000	39410.020.008	3X8MM	1000	39410.030.008
2X10MM	1000	39410.020.010	3X10MM	1000	39410.030.010
2X12MM	1000	39410.020.012	3X12MM	1000	39410.030.012
2X16MM	1000	39410.020.016			
			3X16MM	1000	39410.030.016
			3X20MM	1000	39410.030.020
			3X25MM	1000	39410.030.025
			3X30MM	1000	39410.030.030

39410 Nit cu cap înecat							←
d ₁ x L	✉		d ₁ x L	✉		d ₁ x L	✉
4X6MM	1000	39410.040.006	5X25MM	500	39410.050.025	8X16MM	250
4X8MM	1000	39410.040.008	5X30MM	500	39410.050.030	8X20MM	250
4X10MM	1000	39410.040.010	5X40MM	250	39410.050.040	8X25MM	250
4X12MM	1000	39410.040.012	5X50MM	250	39410.050.050	8X30MM	250
4X16MM	1000	39410.040.016				8X35MM	100
4X20MM	1000	39410.040.020	6X10MM	500	39410.060.010	8X40MM	100
4X25MM	500	39410.040.025	6X12MM	500	39410.060.012	8X50MM	100
4X30MM	500	39410.040.030	6X16MM	500	39410.060.016	8X60MM	100
			6X20MM	500	39410.060.020		
5X8MM	1000	39410.050.008	6X25MM	250	39410.060.025	10X30MM	100
5X10MM	1000	39410.050.010	6X30MM	250	39410.060.030	10X40MM	100
5X12MM	1000	39410.050.012	6X35MM	250	39410.060.035	10X50MM	100
5X16MM	1000	39410.050.016	6X40MM	250	39410.060.040		
5X20MM	500	39410.050.020	6X50MM	250	39410.060.050		

51480	Nit cu cap înecat	R09A
Material	Oțel inoxidabil A2	
		
		

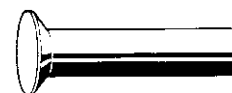
d ₁ x L	✉		d ₁ x L	✉		d ₁ x L	✉
2X6MM*	500	51480.020.006	4X4MM*	200	51480.040.004	5X18MM*	200
2X8MM*	500	51480.020.008	4X6MM*	200	51480.040.006	5X20MM	100
2X10MM*	500	51480.020.010	4X8MM	200	51480.040.008	5X22MM*	200
2X12MM*	500	51480.020.012	4X10MM	200	51480.040.010	5X25MM	100
2X16MM*	500	51480.020.016	4X12MM	200	51480.040.012	5X30MM	100
2X20MM*	500	51480.020.020	4X16MM	100	51480.040.016	5X35MM*	200
			4X18MM*	200	51480.040.018	5X40MM*	200
3X6MM	200	51480.030.006	4X20MM	100	51480.040.020		
3X8MM	200	51480.030.008	4X22MM*	200	51480.040.022	6X10MM	100
3X10MM	200	51480.030.010	4X25MM	100	51480.040.025	6X12MM	100
3X12MM	200	51480.030.012	4X30MM	100	51480.040.030	6X16MM	100
3X16MM	200	51480.030.016				6X18MM*	100
3X18MM*	500	51480.030.018	5X8MM	100	51480.050.008	6X20MM	100
3X20MM*	500	51480.030.020	5X10MM	100	51480.050.010	6X25MM	100
3X22MM*	500	51480.030.022	5X12MM	100	51480.050.012	6X30MM	100
3X25MM*	500	51480.030.025	5X14MM*	200	51480.050.014	6X40MM*	100
			5X16MM	100	51480.050.016	6X50MM*	100

50680	Nit cu cap înecat	W01A
Material	Aluminiu 99,5 EN1301-2	
		
		

d ₁ x L	✉		d ₁ x L	✉		d ₁ x L	✉
2X6MM	1000	50680.020.006	4X10MM	1000	50680.040.010	6X12MM	500
2X8MM	1000	50680.020.008	4X12MM	1000	50680.040.012	6X16MM	500
2X10MM	1000	50680.020.010	4X16MM	1000	50680.040.016	6X20MM	500
2X12MM	1000	50680.020.012	4X20MM	1000	50680.040.020	6X25MM	250
2X16MM	1000	50680.020.016	4X25MM	500	50680.040.025	6X30MM	250
			4X30MM	500	50680.040.030	6X35MM	250
3X6MM	1000	50680.030.006				6X40MM	250
3X8MM	1000	50680.030.008	5X8MM	1000	50680.050.008	6X50MM	250
3X10MM	1000	50680.030.010	5X10MM	1000	50680.050.010		
3X12MM	1000	50680.030.012	5X12MM	1000	50680.050.012	8X16MM	250
3X16MM	1000	50680.030.016	5X16MM	1000	50680.050.016	8X20MM	250
3X20MM	1000	50680.030.020	5X20MM	500	50680.050.020	8X25MM	250
3X25MM	1000	50680.030.025	5X25MM	500	50680.050.025	8X30MM	250
3X30MM	1000	50680.030.030	5X30MM	500	50680.050.030	8X35MM	100
			5X40MM	250	50680.050.040	8X40MM	100
4X6MM	1000	50680.040.006				8X50MM	100
4X8MM	1000	50680.040.008	6X10MM	500	50680.060.010		

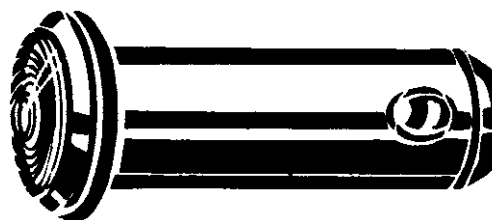
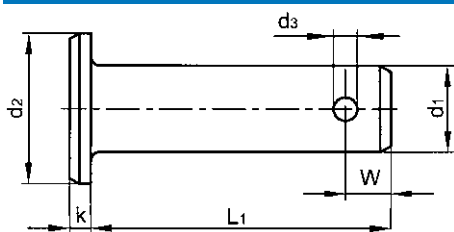
M11F

Material	Cupru EN 12166
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d _i x L	✉	d _i x L	✉	d _i x L	✉
2X6MM	1000 50380.020.006	4X12MM	1000 50380.040.012		
2X8MM	1000 50380.020.008	4X16MM	1000 50380.040.016	6X10MM	500 50380.060.010
2X10MM	1000 50380.020.010	4X20MM	1000 50380.040.020	6X16MM	500 50380.060.016
		4X25MM	500 50380.040.025	6X20MM	500 50380.060.020
3X6MM	1000 50380.030.006	4X30MM	500 50380.040.030	6X25MM	250 50380.060.025
3X8MM	1000 50380.030.008			6X30MM	250 50380.060.030
3X10MM	1000 50380.030.010	5X10MM	1000 50380.050.010	6X40MM	250 50380.060.040
3X12MM	1000 50380.030.012	5X12MM	1000 50380.050.012	6X50MM	250 50380.060.050
3X16MM	1000 50380.030.016	5X16MM	1000 50380.050.016		
3X20MM	1000 50380.030.020	5X20MM	500 50380.050.020	8X16MM	250 50380.080.016
3X25MM	1000 50380.030.025	5X25MM	500 50380.050.025	8X20MM	250 50380.080.020
		5X30MM	500 50380.050.030	8X25MM	250 50380.080.025
4X8MM	1000 50380.040.008	5X40MM	250 50380.050.040	8X30MM	250 50380.080.030
4X10MM	1000 50380.040.010	5X50MM	250 50380.050.050	8X40MM	100 50380.080.040

DIN 1434



Date tehnice

d ₁ (h11)	d ₂ (h14)	d ₃ (H14)	k (js14)	W (min.)
4	6	1	1	1.8
5	8	1.6	1.5	2
6	9	1.6	1.5	2.5
8	12	2	2	3
10	14	3.2	2	4
12	17	4	3	5
14	19	4	3	5
16	21	4	3	5

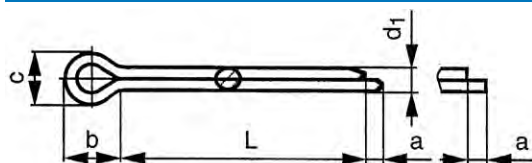
L11F

Material	Oțel
Tratament al suprafeței	Zincat

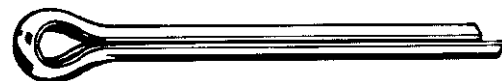


$d_1 \times L_1$	✉	$d_1 \times L_1$	✉	$d_1 \times L_1$	✉			
4X12MM	100	39797.040.012	8X22MM	100	39797.080.022	14X40MM	25	39797.140.040
5X14MM	100	39797.050.014	10X28MM	50	39797.100.028	16X45MM	10	39797.160.045
6X18MM	100	39797.060.018	12X35MM	25	39797.120.035			

Splint



DIN 94
ISO 1234
NEN 182
NF E25-774

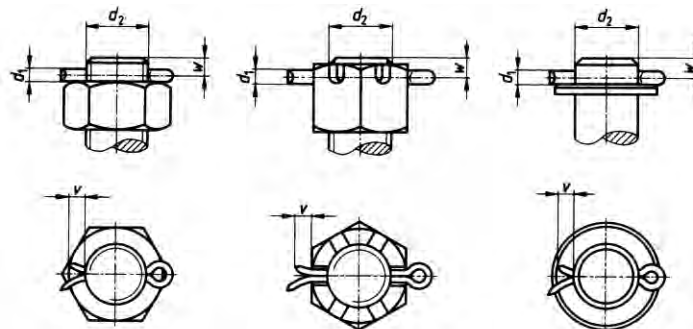


Date tehnice

d (nom.)	a (max.)	b ≈	c (max.)	c (min.)	d ₁ (max.)	d ₁ (min.)
1	1.6	3	1.8	1.6	0.9	0.8
1.2	2.5	3	2	1.7	1	0.9
1.6	2.5	3.2	2.8	2.4	1.4	1.3
2	2.5	4	3.6	3.2	1.8	1.7
2.5	2.5	5	4.6	4	2.3	2.1
3.2	3.2	6.4	5.8	5.1	2.9	2.7
3.5 (#DIN)	3.5	7	6.8	6.1	3.2	3
4	4	8	7.4	6.5	3.7	3.5
4.5 (#DIN)	4	8.5	8.2	7.6	4.2	4
5	4	10	9.2	8	4.6	4.4
6.3	4	12.6	11.8	10.3	5.9	5.7
7 (#DIN)	4.7	12.3	12.5	12.45	6.5	6.7
8	4	16	15	13.1	7.5	7.3
10	6.3	20	19	16.6	9.5	9.3
13	6.3	26	24.8	21.7	12.4	12.1

- Pentru orificiul necesar știftului spintecat, Toleranța H13 este recomandată pentru $d(\text{nom}) \leq 1,2 \text{ mm}$ și toleranța H14 $\geq 1,6 \text{ mm}$.
- Forma știfturilor spintecate este alegerea producătorului.
- Lungimea nominală (L) are o toleranță js17.

Tabel opțiuni știfturi spintecate



d (nom.)			1	1,6	2	2,5	3,2	4	5	6,3	8	10	13
d2	Piese cu filet*	Peste	3,5	5,5	7	9	11	14	20	27	39	56	80
		Pana la	4,5	7	9	11	14	20	27	39	56	80	120
	Piese fără filet**	Peste	3	5	6	8	9	12	17	23	29	44	69
		Pana la	4	6	8	9	12	17	23	29	44	69	110
v		min.	4	5	6	6	8	8	10	12	14	16	20

* Pentru aplicații în piese unde filetul exterior este filetul cel mai mare sau unde diametrul tijei trebuie folosit.

** Pentru căi ferate sau pentru construcții care sunt supuse unor forțe transversale alternative, se recomandă folosirea acestor mărimi de știfturi spintecate de dimensiuni mai mari

Distanța găurii W depinde de piesa în care este introdus știftul. Dacă este necesar consultați standardul piesei respective.

Grupe de articole

Material	Tratament al suprafeței	Cod	Pag.
Oțel		39310	9-37
Oțel	Zn	39350	9-37
Oțel	Zn p.galb.	39360	9-38
INOX A2		51700	9-38
INOX A4		55700	9-39
Alamă		50210	9-40
Cu		50390	9-40

39310 Splint		L09B	
Material	Oțel		
		 	

d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒
1X12MM	250	39310.010.012	3,2X32MM	250	39310.032.032
1X16MM	250	39310.010.016	3,2X40MM	250	39310.032.040
1X20MM	250	39310.010.020	3,2X50MM	250	39310.032.050
1X25MM	250	39310.010.025	3,2X63MM	250	39310.032.063
1X32MM	250	39310.010.032			
1,6X10MM	250	39310.016.010	3,5X25MM	250	39310.035.025
1,6X12MM	250	39310.016.012	3,5X30MM	250	39310.035.030
1,6X16MM	250	39310.016.016	3,5X35MM	250	39310.035.035
1,6X20MM	250	39310.016.020	3,5X40MM	250	39310.035.040
1,6X25MM	250	39310.016.025	3,5X50MM	250	39310.035.050
1,6X32MM	250	39310.016.032	3,5X60MM	250	39310.035.060
1,6X40MM	250	39310.016.040	3,5X70MM	250	39310.035.070
1,6X50MM	250	39310.016.050	3,5X80MM	250	39310.035.080
			4X20MM	250	39310.040.020
2X16MM	250	39310.020.016	4X25MM	250	39310.040.025
2X20MM	250	39310.020.020	4X28MM	250	39310.040.028
2X25MM	250	39310.020.025	4X32MM	250	39310.040.032
2X32MM	250	39310.020.032	4X40MM	250	39310.040.040
2X40MM	250	39310.020.040	4X50MM	200	39310.040.050
2X50MM	250	39310.020.050	4X63MM	200	39310.040.063
2X63MM	250	39310.020.063	4X80MM	200	39310.040.080
			5X25MM	200	39310.050.025
2,5X16MM	250	39310.025.016	5X32MM	200	39310.050.032
2,5X20MM	250	39310.025.020	5X36MM	200	39310.050.036
2,5X25MM	250	39310.025.025	5X40MM	200	39310.050.040
2,5X32MM	250	39310.025.032	5X50MM	200	39310.050.050
2,5X40MM	250	39310.025.040	5X63MM	100	39310.050.063
2,5X50MM	250	39310.025.050	5X80MM	100	39310.050.080
2,5X63MM	250	39310.025.063	5X100MM	100	39310.050.100
			6,3X25MM	100	39310.063.025
3,2X16MM	250	39310.032.016	6,3X32MM	100	39310.063.032
3,2X20MM	250	39310.032.020			
3,2X25MM	250	39310.032.025			
			6,3X40MM	100	39310.063.040
			6,3X50MM	100	39310.063.050
			6,3X63MM	100	39310.063.063
			6,3X71MM	100	39310.063.071
			6,3X80MM	100	39310.063.080
			6,3X100MM	100	39310.063.100
			7X63MM	100	39310.070.063
			7X80MM	100	39310.070.080
			8X40MM	100	39310.080.040
			8X45MM	100	39310.080.045
			8X50MM	100	39310.080.050
			8X63MM	50	39310.080.063
			8X80MM	50	39310.080.080
			8X90MM	50	39310.080.090
			8X100MM	50	39310.080.100
			8X125MM	50	39310.080.125
			10X63MM	50	39310.100.063
			10X71MM	50	39310.100.071
			10X80MM	50	39310.100.080
			10X90MM	25	39310.100.090
			10X100MM	25	39310.100.100
			10X125MM	25	39310.100.125
			10X160MM	25	39310.100.160
			13X63MM	25	39310.130.063
			13X80MM	25	39310.130.080
			13X100MM	25	39310.130.100
			13X125MM	25	39310.130.125
			13X140MM	25	39310.130.140
			13X160MM	25	39310.130.160

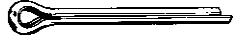
39350 Splint		L09B	
Material	Oțel		
Tratament al suprafeței Zincat			
		 	

d (nom.) x L	☒	d (nom.) x L	☒	d (nom.) x L	☒
1X25MM	250	39350.010.025	2,5X50MM	250	39350.025.050
1X32MM	250	39350.010.032	2,5X63MM	250	39350.025.063
			3,2X16MM	250	39350.032.016
1,6X10MM	250	39350.016.010	3,2X20MM	250	39350.032.020
1,6X12MM	250	39350.016.012	3,2X25MM	250	39350.032.025
1,6X16MM	250	39350.016.016	3,2X28MM	250	39350.032.028
1,6X20MM	250	39350.016.020	3,2X32MM	250	39350.032.032
1,6X25MM	250	39350.016.025	3,2X36MM	250	39350.032.036
1,6X32MM	250	39350.016.032	3,2X40MM	250	39350.032.040
1,6X40MM	250	39350.016.040	3,2X45MM	250	39350.032.045
1,6X50MM	250	39350.016.050	3,2X50MM	250	39350.032.050
			3,2X63MM	250	39350.032.063
2X16MM	250	39350.020.016	3,5X20MM	250	39350.035.020
2X18MM	250	39350.020.018	3,5X25MM	250	39350.035.025
2X20MM	250	39350.020.020	3,5X30MM	250	39350.035.030
2X25MM	250	39350.020.025	3,5X32MM	250	39350.035.032
2X32MM	250	39350.020.032	3,5X35MM	250	39350.035.035
2X36MM	250	39350.020.036	3,5X36MM	250	39350.035.036
2X40MM	250	39350.020.040	3,5X40MM	250	39350.035.040
2X50MM	250	39350.020.050	3,5X50MM	250	39350.035.050
2X63MM	250	39350.020.063	3,5X60MM	250	39350.035.060
			3,5X63MM	250	39350.035.063
2,5X16MM	250	39350.025.016	3,5X70MM	250	39350.035.070
2,5X20MM	250	39350.025.020	3,5X80MM	250	39350.035.080
2,5X25MM	250	39350.025.025			
2,5X32MM	250	39350.025.032	4X20MM	250	39350.040.020
2,5X36MM	250	39350.025.036	4X25MM	250	39350.040.025
2,5X40MM	250	39350.025.040			
2,5X45MM	250	39350.025.045			
			4X32MM	250	39350.040.032
			4X36MM	250	39350.040.036
			4X40MM	250	39350.040.040
			4X45MM	250	39350.040.045
			4X50MM	200	39350.040.050
			4X63MM	200	39350.040.063
			4X71MM	200	39350.040.071
			4X80MM	200	39350.040.080
			4X100MM	200	39350.040.100
			4,5X40MM	200	39350.045.040
			4,5X50MM	200	39350.045.050
			4,5X63MM	200	39350.045.063
			4,5X71MM	200	39350.045.071
			5X25MM	200	39350.050.025
			5X32MM	200	39350.050.032
			5X36MM	200	39350.050.036
			5X40MM	200	39350.050.040
			5X45MM	200	39350.050.045
			5X50MM	200	39350.050.050
			5X56MM	200	39350.050.056
			5X63MM	100	39350.050.063
			5X71MM	100	39350.050.071
			5X80MM	100	39350.050.080
			5X90MM	100	39350.050.090
			5X100MM	100	39350.050.100

39350 Splint							
d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒
6,3X32MM	100	39350.063.032	8X40MM	100	39350.080.040	10X90MM	25
6,3X36MM	100	39350.063.036	8X45MM	100	39350.080.045	10X100MM	25
6,3X40MM	100	39350.063.040	8X50MM	100	39350.080.050	10X112MM	25
6,3X45MM	100	39350.063.045	8X63MM	50	39350.080.063	10X125MM	25
6,3X50MM	100	39350.063.050	8X71MM	50	39350.080.071	10X140MM	25
6,3X56MM	100	39350.063.056	8X80MM	50	39350.080.080	10X160MM	25
6,3X63MM	100	39350.063.063	8X90MM	50	39350.080.090	10X180MM	25
6,3X71MM	100	39350.063.071	8X100MM	50	39350.080.100	10X200MM	25
6,3X80MM	100	39350.063.080	8X112MM	50	39350.080.112		
6,3X90MM	100	39350.063.090	8X125MM	50	39350.080.125	13X71MM	25
6,3X100MM	100	39350.063.100	8X140MM	50	39350.080.140	13X100MM	25
6,3X125MM	100	39350.063.125				13X112MM	25
			10X56MM	100	39350.100.056	13X125MM	25
7X71MM	100	39350.070.071	10X63MM	50	39350.100.063	13X140MM	25
			10X71MM	50	39350.100.071	13X160MM	25
8X32MM	100	39350.080.032	10X80MM	50	39350.100.080		

39360 Splint						L09B	
Material		Oțel					
Tratament al suprafeței		Zincat, pasivat galben					
							

d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒
2X16MM	250	39360.020.016	3,2X32MM	250	39360.032.032	4X40MM	250
2X20MM	250	39360.020.020	3,2X40MM	250	39360.032.040	4X50MM	250
2X25MM	250	39360.020.025					
2X32MM	250	39360.020.032	4X20MM	250	39360.040.020	5X32MM	200
			4X25MM	250	39360.040.025	5X40MM	200
3,2X20MM	250	39360.032.020	4X32MM	250	39360.040.032	5X50MM	200
3,2X25MM	250	39360.032.025					

51700 Splint						R09A	
Material		Oțel inoxidabil A2					
							
							

d (nom.) x L	☒		d (nom.) x L	☒		d (nom.) x L	☒
1X6MM*	1000	51700.010.006	1,6X20MM	250	51700.016.020	2,5X36MM*	1000
1X8MM*	1000	51700.010.008	1,6X22MM*	1000	51700.016.022	2,5X40MM	100
1X10MM	250	51700.010.010	1,6X25MM	250	51700.016.025	2,5X45MM*	1000
1X12MM	250	51700.010.012	1,6X28MM*	1000	51700.016.028	2,5X50MM	100
1X14MM*	1000	51700.010.014	1,6X32MM	250	51700.016.032		
1X16MM	250	51700.010.016	1,6X36MM*	1000	51700.016.036	3,2X16MM	100
1X18MM*	1000	51700.010.018	1,6X40MM	250	51700.016.040	3,2X18MM*	500
1X20MM	250	51700.010.020	1,6X45MM*	1000	51700.016.045	3,2X20MM	100
1X22MM*	1000	51700.010.022				3,2X22MM*	500
1X25MM	250	51700.010.025	2X6MM*	1000	51700.020.006	3,2X25MM	100
1X28MM*	1000	51700.010.028	2X10MM	250	51700.020.010	3,2X28MM*	500
1X32MM	250	51700.010.032	2X12MM*	1000	51700.020.012	3,2X32MM	100
1X36MM*	1000	51700.010.036	2X14MM*	1000	51700.020.014	3,2X36MM	100
1X40MM	250	51700.010.040	2X16MM	250	51700.020.016	3,2X40MM	100
1X45MM*	1000	51700.010.045	2X18MM	250	51700.020.018	3,2X45MM	100
			2X20MM	250	51700.020.020	3,2X50MM	100
1,2X8MM*	1000	51700.012.008	2X22MM*	1000	51700.020.022	3,2X56MM*	500
1,2X10MM*	1000	51700.012.010	2X25MM	250	51700.020.025	3,2X63MM	100
1,2X12MM*	1000	51700.012.012	2X28MM*	1000	51700.020.028	3,2X71MM*	500
1,2X14MM*	1000	51700.012.014	2X32MM	250	51700.020.032	3,2X80MM*	500
1,2X16MM*	1000	51700.012.016	2X36MM*	1000	51700.020.036		
1,2X18MM*	1000	51700.012.018	2X40MM	250	51700.020.040	4X16MM*	500
1,2X20MM*	1000	51700.012.020	2X45MM*	1000	51700.020.045	4X18MM*	500
1,2X22MM*	1000	51700.012.022	2X50MM	250	51700.020.050	4X20MM	100
1,2X25MM*	1000	51700.012.025				4X22MM*	500
1,2X32MM*	1000	51700.012.032	2,5X10MM	100	51700.025.010	4X25MM	100
1,2X40MM*	1000	51700.012.040	2,5X12MM*	1000	51700.025.012	4X28MM	100
			2,5X14MM*	1000	51700.025.014	4X32MM	100
1,6X6MM*	1000	51700.016.006	2,5X16MM	100	51700.025.016	4X36MM	100
1,6X8MM*	1000	51700.016.008	2,5X18MM*	1000	51700.025.018	4X40MM	100
1,6X10MM	250	51700.016.010	2,5X20MM	100	51700.025.020	4X45MM	100
1,6X12MM	250	51700.016.012	2,5X22MM*	1000	51700.025.022	4X50MM	100
1,6X14MM*	1000	51700.016.014	2,5X25MM	100	51700.025.025	4X56MM*	500
1,6X16MM	250	51700.016.016	2,5X28MM*	1000	51700.025.028	4X63MM	100
1,6X18MM*	1000	51700.016.018	2,5X32MM	100	51700.025.032	4X71MM*	500

- Alegerea otelului austenitic este la discreția producătorului și poate varia față de tipul de otel stipulat în ISO 3506.

9

- Alegerea otelului austenitic este la discreția producătorului și poate varia față de tipul de otel stipulat în ISO 3506.

50210	Splint	M11F
Material	Alamă	
		 

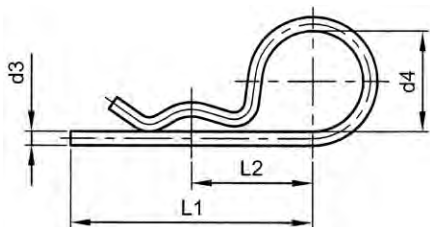
d (nom.) x L	✉	d (nom.) x L	✉	d (nom.) x L	✉
1,6X20MM	500	50210.016.020	2,5X50MM	500	50210.025.050
1,6X25MM	500	50210.016.025	2,5X63MM	500	50210.025.063
1,6X32MM	500	50210.016.032			
1,6X40MM	500	50210.016.040	3,2X25MM	250	50210.032.025
			3,2X32MM	250	50210.032.032
2X25MM	500	50210.020.025	3,2X40MM	250	50210.032.040
2X32MM	500	50210.020.032	3,2X50MM	250	50210.032.050
2X40MM	500	50210.020.040	3,2X63MM	250	50210.032.063
2X50MM	500	50210.020.050			
			4X25MM	250	50210.040.025
2,5X25MM	500	50210.025.025	4X32MM	250	50210.040.032
2,5X32MM	500	50210.025.032	4X40MM	250	50210.040.040
2,5X40MM	500	50210.025.040			
			4X50MM	250	50210.040.050
			4X63MM	250	50210.040.063
			4X80MM	250	50210.040.080
			5X40MM	100	50210.050.040
			5X50MM	100	50210.050.050
			5X63MM	100	50210.050.063
			5X80MM	100	50210.050.080
			6,3X63MM	100	50210.063.063
			6,3X80MM	100	50210.063.080
			6,3X100MM	100	50210.063.100

50390	Splint	M11F
Material	Cupru	
		 

d (nom.) x L	✉	d (nom.) x L	✉	d (nom.) x L	✉
1,6X20MM	500	50390.016.020	3,2X40MM	250	50390.032.040
1,6X32MM	500	50390.016.032	3,2X50MM	250	50390.032.050
			3,2X63MM	250	50390.032.063
2X32MM	500	50390.020.032			
2X40MM	500	50390.020.040	4X32MM	250	50390.040.032
			4X40MM	250	50390.040.040
2,5X32MM	500	50390.025.032	4X50MM	250	50390.040.050
2,5X40MM	500	50390.025.040	4X63MM	250	50390.040.063
			4X80MM	250	50390.040.080
			5X40MM	100	50390.050.040
			5X50MM	100	50390.050.050
			5X63MM	100	50390.050.063
			5X80MM	100	50390.050.080
			6,3X63MM	100	50390.063.063
			6,3X80MM	100	50390.063.080
			6,3X100MM	100	50390.063.100

Splint arcuit

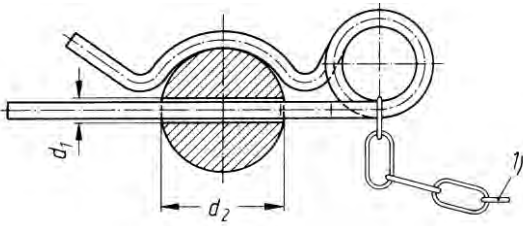
DIN ≈11024



Date tehnice

d_1 (nom) = gaură $\varnothing$	Pentru ax $\varnothing d_2 >$	Pentru ax $\varnothing d_2 \leq$	d_3	d_4	L_1	L_2
2.5	9	14	2	10	50	25
3.5	10	16	3	18	60	28
4.5	16	20	4	20	60	30
6	20	28	5	24	85	40
7	28	40	6	30	105	50
8	28	45	7	30	105	50
9	30	45	8	28	110	55

Date asamblare



Pentru diametrul găurii, d_1 (nom.) toleranța H13 este recomandată.
De asemenea , se recomandă conectarea/legarea arcului agrafă de piesa ce trebuie blocată pentru a se evita pierderea.

Grupe de articole

Material	Tratament al suprafeței	Cod	Pag.
Oțel arc	Zn p.galb.	39610	9-41
INOX A2		51970	9-41

39610 Splint arcuit

L11E

Material Oțel arc
Tratament al suprafeței Zincat, pasivat galben



d_1 ($=d_3$)	✉	d_1 ($=d_3$)	✉	d_1 ($=d_3$)	✉
2,5 ($\approx$ 2 MM)	50	39610.020.001	6 ($\approx$ 5 MM)	25	39610.050.001
3,5 ($\approx$ 3 MM)	50	39610.030.001	7 ($\approx$ 6 MM)	25	39610.060.001
4,5 ($\approx$ 4 MM)	25	39610.040.001	8 ($\approx$ 7 MM)	10	39610.070.001
			9 ($\approx$ 8 MM)	10	39610.080.001

- Atenție: galvanizarea electrolitică a acestor produse poate cauza fragilizare prin hidrogenare.

51970 Splint arcuit

R09A

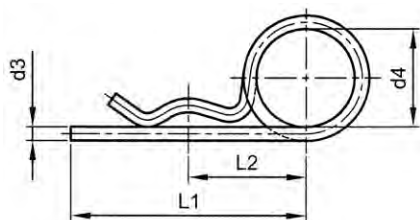
Material Oțel inoxidabil A2



d_1 ($=d_3$)	✉	d_1 ($=d_3$)	✉	d_1 ($=d_3$)	✉
2,5 ($\approx$ 2 MM)	50	51970.020.001	4,5 ($\approx$ 4 MM)	25	51970.040.001
3,5 ($\approx$ 3 MM)	50	51970.030.001	6 ($\approx$ 5 MM)	25	51970.050.001
			7 ($\approx$ 6 MM)	25	51970.060.001

Splint dublu arcuit

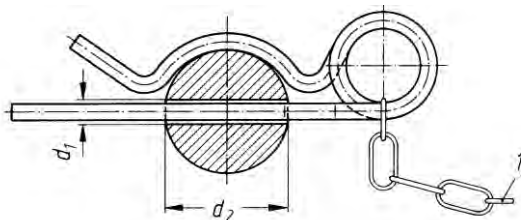
DIN ≈11024



Date tehnice

d_1 (nom) = gaură $\varnothing$	Pentru ax $\varnothing d_2 >$	Pentru ax $\varnothing d_2 \leq$	d_3	d_4	L_1	L_2
3.5	14	20	3	16	62	32
4.5	17	24	4	23	78	44
5.5	18	30	5	26	92	50
6.5	24	36	6	30	120	70
8	26	40	7	30	130	72
9	24	40	8	30	130	76

Date asamblare



Pentru diametrul găurii, d_1 (nom.) toleranța H13 este recomandată.

De asemenea, se recomandă conectarea/legarea arcului agrafă de piesa ce trebuie blocată pentru a se evita pierderea.

39630 Splint dublu arcuit

L11E

Material Oțel arc
Tratament al suprafeței Zincat, pasivat galben

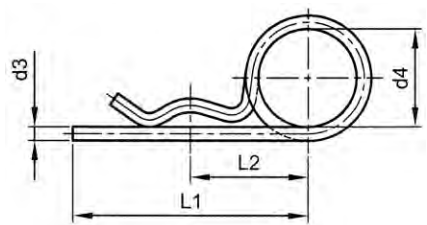


$d_1 (=d_3)$	☒	$d_1 (=d_3)$	☒	$d_1 (=d_3)$	☒
3,5 (=3 MM)	50	39630.030.001	5,5 (=5 MM)	25	39630.050.001
4,5 (=4 MM)	25	39630.040.001	6,5 (=6 MM)	25	39630.060.001
					39630.070.001
					39630.080.001

- Atenție: galvanizarea electrolică a acestor produse poate cauza fragilizare prin hidrogenare.

Splint dublu arcuit, inox A4

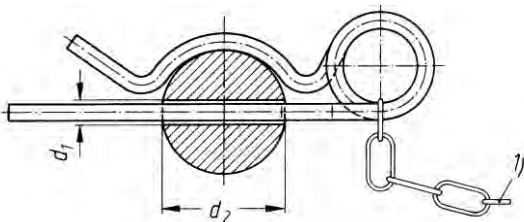
DIN 11024



Date tehnice

d_1 (nom) = gaură $\varnothing$	Pentru ax $\varnothing d_2 >$	Pentru ax $\varnothing d_2 \leq$	d_3	d_4	L_1	L_2
3.2	11.2	14	2.8	20	48	26
4	14	20	3.6	20	64	32
5	20	26	4.5	25	80	39
7	34	45	6.3	30	125	56
8	45	56	7	30	150	63

Date asamblare

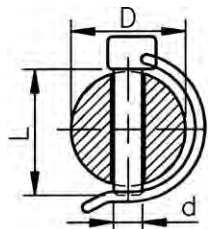


Pentru diametrul găurii, d_1 (nom.) toleranța H13 este recomandată.
De asemenea , se recomandă conectarea/legarea arcului agrafă de piesa ce trebuie blocată pentru a se evita pierderea.

55970	Splint dublu arcuit, inox A4	R09A
Material	Oțel inoxidabil A4	
		 

$d_1 (=d_3)$	☒	$d_1 (=d_3)$	☒	$d_1 (=d_3)$	☒
3.2 (=2.8MM)	50	55970.032.001	5 (=4.5MM)	50	55970.050.001
4 (=3.6MM)	50	55970.040.001	7 (=6.3MM)	10	55970.070.001
			8 (=7MM)	10	55970.080.001

Cep conectare țevi



Date tehnice

d x L	Pentru mărime nominală D inch	Pentru mărime nominală D mm
6x40	1.13/32	36
6x45	1.9/16	40
8x40	1.13/32	36
8x45	1.9/16	40
8x50	1.3/4	45
10x40	1.13/32	36
10x50	1.3/4	45
10x60	2.11/64	55

Date montare



39680 Cep conectare țevi

L11G

Material Oțel arc
Tratament al suprafeței Zincat, pasivat galben



d x L	☒	d x L	☒	d x L	☒
6X40MM	25	8X45MM	25	10X40MM	10
6X45MM	25	8X50MM	25	10X50MM	10
8X40MM	25			10X60MM	10

[39680.060.040](#)

[39680.080.045](#)

[39680.100.040](#)

[39680.060.045](#)

[39680.080.050](#)

[39680.100.050](#)

[39680.080.040](#)

[39680.100.060](#)

- Atenție: galvanizarea electrolitică a acestor produse poate cauza fragilizare prin hidrogenare.

Pin de blocare pe arbore

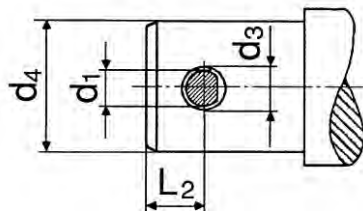


Date tehnice

d_1	d_3 (H11)	d_4 (max.)	Forma tijei	L_2
4.5	5	25	a	8
6	6.2	32	a	10
7	8	32	b	12
8	8.5	32	b	12
9.5	10	32	b	14
10	10.5	32	b	14
11	12	32	b	14

- Forma axului a = rotund, b = aplatizat pe o parte

Date montare

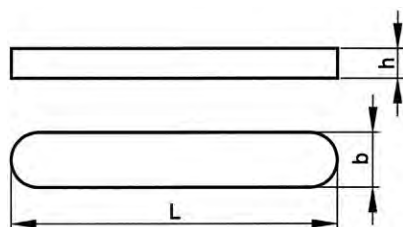


39660	Pin de blocare pe arbore	L11E
Material	Oțel arc	
Tratament al suprafeței	Zincat, pasivat galben	

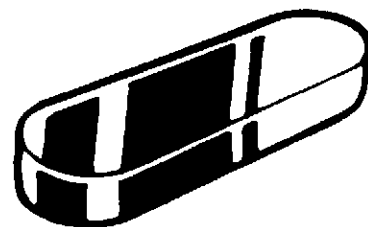
$d_1 \times L_1$		✉	$d_1 \times L_1$		✉	$d_1 \times L_1$		✉
4,5x40MM	25	39660.045.001	8x40MM	25	39660.080.001	10x40MM	10	39660.100.001
6x40MM	25	39660.060.001	9,5x40MM	25	39660.095.001	11x40MM	10	39660.110.001
7x40MM	25	39660.070.001						

- **Atenție:** galvanizarea electrolitică a acestor produse poate cauza fragilizare prin hidrogenare.

Pană paralelă



DIN 6885 A
ISO 773
NEN 2430
BS 4235-1



Date tehnice

b	Pentru ax $\varnothing >$	Pentru ax $\varnothing \leq$	h	b	Pentru ax $\varnothing >$	Pentru ax $\varnothing \leq$	h
2	6	8	2	18	50	58	11
3	8	10	3	20	75	85	12
4	10	12	4	22	75	80	14
5	12	17	5	25	85	95	14
6	17	22	6	28	95	110	16
8	22	30	7	32	110	130	18
10	30	38	8	36	130	150	20
12	38	44	8	40	150	170	22
14	44	50	9	45	170	200	25
16	50	58	10	50	200	230	28

Grupe de articole

Material	Cod	Pag.
Oțel C45K	39250	9-46
INOX A4	55510	9-48

39250 Pană paralelă

L11B

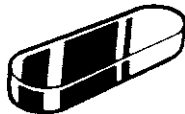
Material Oțel C45K



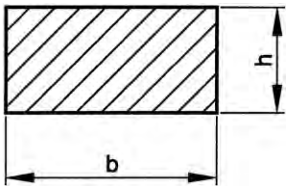
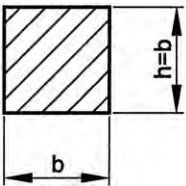
b x h x L	☒	b x h x L	☒	b x h x L	☒
2X2X6MM	50	39250.022.006	4X4X15MM	50	39250.044.015
2X2X8MM	50	39250.022.008	4X4X16MM	50	39250.044.016
2X2X10MM	50	39250.022.010	4X4X18MM	50	39250.044.018
2X2X12MM	50	39250.022.012	4X4X20MM	50	39250.044.020
2X2X14MM	50	39250.022.014	4X4X22MM	50	39250.044.022
2X2X16MM	50	39250.022.016	4X4X25MM	50	39250.044.025
2X2X18MM	50	39250.022.018	4X4X28MM	50	39250.044.028
2X2X20MM	50	39250.022.020	4X4X30MM	50	39250.044.030
2X2X22MM	50	39250.022.022	4X4X32MM	50	39250.044.032
2X2X25MM	50	39250.022.025	4X4X35MM	50	39250.044.035
2X2X28MM	50	39250.022.028	4X4X36MM	50	39250.044.036
2X2X30MM	50	39250.022.030	4X4X40MM	50	39250.044.040
2X2X36MM	50	39250.022.036	4X4X45MM	50	39250.044.045
2X2X40MM	50	39250.022.040	4X4X50MM	50	39250.044.050
3X3X6MM	50	39250.033.006	5X5X10MM	50	39250.055.010
3X3X8MM	50	39250.033.008	5X5X12MM	50	39250.055.012
3X3X10MM	50	39250.033.010	5X5X14MM	50	39250.055.014
3X3X12MM	50	39250.033.012	5X5X15MM	50	39250.055.015
3X3X14MM	50	39250.033.014	5X5X16MM	50	39250.055.016
3X3X15MM	50	39250.033.015	5X5X18MM	50	39250.055.018
3X3X16MM	50	39250.033.016	5X5X20MM	50	39250.055.020
3X3X18MM	50	39250.033.018	5X5X22MM	50	39250.055.022
3X3X20MM	50	39250.033.020	5X5X25MM	50	39250.055.025
3X3X22MM	50	39250.033.022	5X5X28MM	50	39250.055.028
3X3X25MM	50	39250.033.025	5X5X30MM	50	39250.055.030
3X3X28MM	50	39250.033.028	5X5X32MM	50	39250.055.032
3X3X30MM	50	39250.033.030	5X5X35MM	50	39250.055.035
3X3X32MM	50	39250.033.032	5X5X36MM	50	39250.055.036
3X3X35MM	50	39250.033.035	5X5X40MM	50	39250.055.040
3X3X40MM	50	39250.033.040	5X5X45MM	50	39250.055.045
4X4X6MM	50	39250.044.006	5X5X50MM	50	39250.055.050
4X4X8MM	50	39250.044.008	5X5X55MM	50	39250.055.055
4X4X10MM	50	39250.044.010	5X5X56MM	50	39250.055.056
4X4X12MM	50	39250.044.012	5X5X60MM	50	39250.055.060
4X4X14MM	50	39250.044.014	5X5X63MM	50	39250.055.063
			5X5X70MM	50	39250.055.070
			5X5X80MM	50	39250.055.080
			6X6X10MM	50	39250.066.010
			6X6X12MM	50	39250.066.012
			6X6X14MM	50	39250.066.014
			6X6X15MM	50	39250.066.015
			6X6X16MM	50	39250.066.016
			6X6X18MM	50	39250.066.018
			6X6X20MM	50	39250.066.020
			6X6X22MM	50	39250.066.022
			6X6X25MM	50	39250.066.025
			6X6X28MM	50	39250.066.028
			6X6X30MM	50	39250.066.030
			6X6X32MM	50	39250.066.032
			6X6X35MM	50	39250.066.035
			6X6X36MM	50	39250.066.036
			6X6X40MM	50	39250.066.040
			6X6X45MM	50	39250.066.045
			6X6X50MM	50	39250.066.050
			6X6X55MM	50	39250.066.055
			6X6X56MM	50	39250.066.056
			6X6X60MM	50	39250.066.060
			6X6X63MM	50	39250.066.063
			6X6X65MM	50	39250.066.065
			6X6X70MM	50	39250.066.070
			6X6X75MM	50	39250.066.075
			6X6X80MM	50	39250.066.080
			6X6X90MM	50	39250.066.090
			6X6X100MM	50	39250.066.100
			8X7X10MM	50	39250.087.010
			8X7X12MM	50	39250.087.012
			8X7X15MM	50	39250.087.015
			8X7X16MM	50	39250.087.016
			8X7X18MM	50	39250.087.018
			8X7X20MM	50	39250.087.020
			8X7X22MM	50	39250.087.022

39250 Pană paralelă								←
b x h x L	✉		b x h x L	✉		b x h x L	✉	
36X20X220MM	5	39250.380.220	40X22X220MM	5	39250.422.220	45X25X280MM	5	39250.475.280
36X20X250MM	5	39250.380.250	40X22X250MM	5	39250.422.250	45X25X320MM	5	39250.475.320
36X20X280MM	5	39250.380.280	40X22X280MM	5	39250.422.280	45X25X360MM	5	39250.475.360
36X20X320MM	5	39250.380.320	40X22X320MM	5	39250.422.320	45X25X400MM	5	39250.475.400
36X20X360MM	5	39250.380.360	40X22X360MM	5	39250.422.360			
36X20X400MM	5	39250.380.400	40X22X400MM	5	39250.422.400	50X28X125MM	3	39250.528.125
						50X28X140MM	3	39250.528.140
40X22X80MM	5	39250.422.080	45X25X100MM	5	39250.475.100	50X28X160MM	3	39250.528.160
40X22X90MM	5	39250.422.090	45X25X110MM	5	39250.475.110	50X28X180MM	3	39250.528.180
40X22X100MM	5	39250.422.100	45X25X125MM	5	39250.475.125	50X28X200MM	3	39250.528.200
40X22X110MM	5	39250.422.110	45X25X140MM	5	39250.475.140	50X28X220MM	3	39250.528.220
40X22X125MM	5	39250.422.125	45X25X160MM	5	39250.475.160	50X28X250MM	3	39250.528.250
40X22X140MM	5	39250.422.140	45X25X180MM	5	39250.475.180	50X28X280MM	3	39250.528.280
40X22X160MM	5	39250.422.160	45X25X200MM	5	39250.475.200	50X28X320MM	3	39250.528.320
40X22X180MM	5	39250.422.180	45X25X220MM	5	39250.475.220	50X28X360MM	3	39250.528.360
40X22X200MM	5	39250.422.200	45X25X250MM	5	39250.475.250	50X28X400MM	3	39250.528.400

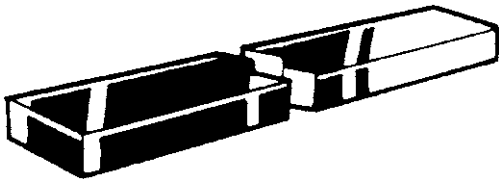
• Oțel pentru pene conform DIN 1652 și DIN 6880.

55510 Pană paralelă			R49A				
Material		Oțel inoxidabil A4					
							
b x h x L	✉		b x h x L	✉		b x h x L	✉
3X3X16MM	50	55510.033.016	6X6X63MM	25	55510.066.063	12X8X50MM	10
3X3X25MM	50	55510.033.025	6X6X70MM	25	55510.066.070	12X8X56MM	50
						12X8X60MM	50
4X4X10MM*	200	55510.044.010	8X7X14MM*	100	55510.087.014	12X8X63MM	5
4X4X12MM	25	55510.044.012	8X7X16MM	25	55510.087.016	12X8X70MM	5
4X4X14MM*	200	55510.044.014	8X7X18MM	25	55510.087.018	12X8X80MM	5
4X4X16MM	25	55510.044.016	8X7X20MM	25	55510.087.020	12X8X90MM*	50
4X4X18MM*	200	55510.044.018	8X7X25MM	25	55510.087.025	12X8X100MM	5
4X4X20MM	25	55510.044.020	8X7X28MM*	100	55510.087.028		
4X4X22MM	25	55510.044.022	8X7X30MM	25	55510.087.030	14X9X28MM	5
4X4X25MM	25	55510.044.025	8X7X32MM	25	55510.087.032	14X9X30MM*	50
4X4X30MM*	200	55510.044.030	8X7X35MM*	100	55510.087.035	14X9X32MM*	50
4X4X32MM	25	55510.044.032	8X7X36MM	25	55510.087.036	14X9X36MM*	50
4X4X36MM*	200	55510.044.036	8X7X40MM	10	55510.087.040	14X9X40MM	5
4X4X40MM	25	55510.044.040	8X7X45MM	100	55510.087.045	14X9X45MM	5
4X4X50MM*	200	55510.044.050	8X7X50MM	10	55510.087.050	14X9X50MM	5
			8X7X60MM	10	55510.087.060	14X9X56MM	5
5X5X10MM*	200	55510.055.010	8X7X63MM	10	55510.087.063	14X9X60MM	5
5X5X12MM	25	55510.055.012	8X7X70MM	10	55510.087.070	14X9X63MM	5
5X5X14MM*	200	55510.055.014	8X7X80MM	10	55510.087.080	14X9X70MM	5
5X5X16MM	25	55510.055.016	8X7X90MM	10	55510.087.090	14X9X80MM	5
5X5X18MM*	200	55510.055.018	8X7X100MM	10	55510.087.100	14X9X90MM	50
5X5X20MM	25	55510.055.020	8X7X125MM	5	55510.087.125	14X9X100MM	5
5X5X22MM*	200	55510.055.022					
5X5X25MM	25	55510.055.025	10X8X16MM	10	55510.108.016	16X10X50MM	5
5X5X30MM*	200	55510.055.030	10X8X25MM	10	55510.108.025	16X10X63MM	5
5X5X32MM	25	55510.055.032	10X8X28MM*	100	55510.108.028	16X10X70MM	5
5X5X36MM*	200	55510.055.036	10X8X30MM*	100	55510.108.030	16X10X80MM	5
5X5X40MM	25	55510.055.040	10X8X32MM	10	55510.108.032	16X10X100MM	5
5X5X50MM	25	55510.055.050	10X8X36MM*	100	55510.108.036		
			10X8X40MM	10	55510.108.040	18X11X50MM	5
6X6X12MM*	200	55510.066.012	10X8X45MM*	100	55510.108.045	18X11X60MM	5
6X6X14MM*	200	55510.066.014	10X8X50MM	10	55510.108.050	18X11X63MM	5
6X6X16MM	25	55510.066.016	10X8X56MM*	100	55510.108.056	18X11X70MM	5
6X6X18MM*	200	55510.066.018	10X8X60MM	10	55510.108.060	18X11X80MM	5
6X6X20MM	25	55510.066.020	10X8X63MM	10	55510.108.063	18X11X90MM	5
6X6X22MM	25	55510.066.022	10X8X70MM	10	55510.108.070	18X11X100MM	5
6X6X25MM	25	55510.066.025	10X8X80MM	10	55510.108.080	18X11X110MM	5
6X6X28MM*	200	55510.066.028	10X8X90MM	10	55510.108.090	18X11X140MM	5
6X6X30MM	200	55510.066.030	10X8X100MM	10	55510.108.100		
6X6X32MM	25	55510.066.032	10X8X125MM	5	55510.108.125	20X12X50MM	5
6X6X35MM	25	55510.066.035				20X12X70MM	5
6X6X36MM*	200	55510.066.036	12X8X30MM*	50	55510.128.030	20X12X80MM	5
6X6X40MM	25	55510.066.040	12X8X32MM	10	55510.128.032	20X12X90MM	5
6X6X45MM	25	55510.066.045	12X8X36MM*	50	55510.128.036	20X12X100MM	5
6X6X50MM	25	55510.066.050	12X8X40MM	10	55510.128.040	20X12X110MM	5
6X6X60MM*	200	55510.066.060	12X8X45MM*	50	55510.128.045	20X12X140MM	5

Pană 1 metru lungime



DIN 6880



- Otelul pentru pene este prelucrat la rece cu o suprafață fină și lucioasă și corespunde la o precizie ridicată de dimensionare. Se folosește pentru pene paralele și conice.
- Pentru b toleranța este h9 iar pentru h toleranța este h11 (excepție face doar dimensiunea 12 x 8 și penele pătrate care pentru h și b toleranța h9).

Grupe de articole		
Material	Cod	Pag.
Oțel C45K	39270	9-49
INOX A4	55512	9-49

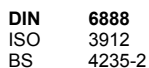
39270 Pană 1 metru lungime		L11B
Material	Oțel C45K	
		 

b x h	✉	b x h	✉	b x h	✉	
3X3MM	2	39270.033.001	12X8MM	2	39270.128.001	
4X4MM	2	39270.044.001	12X12MM	2	39270.132.001	
5X5MM	2	39270.055.001	14X9MM	1	39270.149.001	
6X6MM	2	39270.066.001	14X14MM	1	39270.154.001	
7X7MM	2	39270.077.001	16X10MM	1	39270.170.001	
8X7MM	2	39270.087.001	16X16MM	1	39270.176.001	
8X8MM	2	39270.088.001	18X11MM	1	39270.191.001	
10X8MM	2	39270.108.001	18X18MM	1	39270.198.001	
10X10MM	2	39270.110.001	20X12MM	1	39270.212.001	
				20X20MM	1	39270.220.001
				22X14MM	1	39270.234.001
				22X22MM	1	39270.242.001
				25X14MM	1	39270.264.001
				28X16MM	1	39270.296.001
				32X18MM	1	39270.338.001
				36X20MM	1	39270.380.001
				40X22MM	1	39270.422.001
				45X25MM	1	39270.475.001

55512 Pană 1 metru lungime		R49A
Material	Oțel inoxidabil A4	
		DIN ≈6880
		 

b x h			✉	b x h			✉	b x h			✉
4X4MM	2	55512.044.001		12X8MM	2	55512.128.001		20X12MM	1	55512.212.001	
5X5MM	2	55512.055.001		14X9MM	1	55512.149.001		22X14MM	1	55512.234.001	
6X6MM	2	55512.066.001		16X10MM	1	55512.170.001		25X14MM	1	55512.264.001	
8X7MM	2	55512.087.001		18X11MM	1	55512.191.001		28X16MM	1	55512.296.001	
10X8MM	2	55512.108.001									

Pană Woodruff



Date tehnice

b (h9) x h (h12)	Pentru ax (1.) $\varnothing >$	Pentru ax (1.) $\varnothing \leq$	Pentru ax (2.) $\varnothing >$	Pentru ax (2.) $\varnothing \leq$	d ₂	L ≈
2x2.6	6	8	10	12	7	6.76
2x3.7	6	8	10	12	10	9.66
2x5 (#DIN)	8	10	12	17	-	12.65
2.5x3.7	8	10	12	17	10	9.66
3x3.7	8	10	12	17	10	9.66
3x5	8	10	12	17	13	12.65
3x6.5	-	-	12	17	16	15.72
3x7.5 (#DIN)	10	12	17	22	-	18.57
4x5	10	12	17	22	13	12.65
4x6.5 (#DIN)	10	12	17	22	16	15.72
4x7.5	10	12	17	22	16	15.72
4x9	12	17	22	30	16	15.72
5x6.5	12	17	22	30	16	15.72
5x7.5	12	17	22	30	19	18.57
5x9	-	-	22	30	22	21.63
6x9	17	22	30	38	22	21.63
6x11	-	-	30	38	28	27.35
6x13 (#DIN)	22	30	38	-	-	31.43
6x15 (#DIN)	-	-	-	-	-	37.14
8x11	22	30	38	-	28	27.35
8x13	-	-	38	-	32	31.43
10x13	30	38	38	-	32	31.43

- (1) Aplicație validă pentru pene, care sunt folosite ca pană de fixare pentru transmisia momentului de rotație.
- (2) Aplicație validă pentru pene care sunt folosite doar pentru poziționarea elementului de mișcare, în timp ce transmisia momentului de rotație se face prin alte articole, cum ar fi pene paralele sau știfturi conice.

Grupe de articole

Material	Clasă	Cod	Pag.
Oțel DIN6882	60	39200	9-50
INOX A4		55516	9-51

39200	Pană Woodruff	L11B
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L11B

Material	Oțel DIN6882
Clasă	60

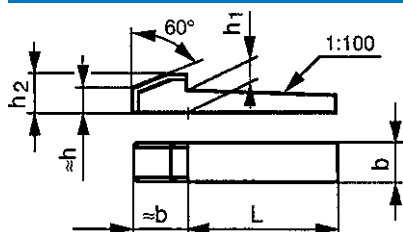


b x h	✉		b x h	✉		b x h	✉	
2X2,6MM	100	39200.020.002				6X9MM	50	39200.060.009
2X3,7MM	100	39200.020.003	4X5MM	50	39200.040.005	6X11MM	25	39200.060.011
2X5MM	100	39200.020.005	4X6,5MM	50	39200.040.006	6X13MM	25	39200.060.013
			4X7,5MM	50	39200.040.007	6X15MM	25	39200.060.015
2,5X3,7MM	100	39200.025.003	4X9MM	50	39200.040.009			
						8X11MM	10	39200.080.011
3X3,7MM	100	39200.030.003	5X6,5MM	50	39200.050.006	8X13MM	10	39200.080.013
3X5MM	100	39200.030.005	5X7,5MM	50	39200.050.007			
3X6,5MM	100	39200.030.006	5X9MM	50	39200.050.009	10X13MM	10	39200.100.013
3X7,5MM	50	39200.030.007						

55516	Pană Woodruff	R49A
Material	Oțel inoxidabil A4	
		 

b x h	☒		b x h	☒		b x h	☒	
3X3,7MM	50	55516.030.003	4X5MM	25	55516.040.005	5X9MM	25	55516.050.009
3X5MM	50	55516.030.005	4X6,5MM	25	55516.040.006			
3X6,5MM	50	55516.030.006	4X7,5MM	25	55516.040.007	6X9MM	25	55516.060.009

Pană de canal arbore



DIN 6887
ISO 774
BS 4235-1



Date tehnice

b (h9)	Pentru ax $\phi >$	Pentru ax $\phi \leq$	h (nom.)	h ₁	h ₂
6	17	22	6	6.1	10
8	22	30	7	7.2	11
10	30	38	8	8.2	12
12	38	44	8	8.2	12
14	44	50	9	9.2	14
16	50	58	10	10.2	16
18	58	65	11	11.2	18
32	110	130	18	18.3	28
36	130	150	20	20.4	32
40	150	170	22	22.4	36

- b(h9) Pentru lățime, Toleranța D10 este recomandată.

39220	Pană de canal arbore	L11B
Material	Oțel DIN6880	
		 

b x h x L	☒		b x h x L	☒		b x h x L	☒	
6X6X40MM	25	39220.066.040	12X8X50MM	10	39220.128.050	16X10X80MM	10	39220.170.080
6X6X50MM	25	39220.066.050	12X8X60MM	10	39220.128.060	16X10X100MM	10	39220.170.100
6X6X60MM	25	39220.066.060	12X8X63MM	10	39220.128.063			
			12X8X70MM	10	39220.128.070	18X11X63MM	10	39220.191.063
8X7X40MM	25	39220.087.040	12X8X80MM	10	39220.128.080	18X11X70MM	10	39220.191.070
8X7X50MM	25	39220.087.050	12X8X90MM	10	39220.128.090	18X11X80MM	10	39220.191.080
8X7X63MM	25	39220.087.063	12X8X100MM	10	39220.128.100	18X11X90MM	10	39220.191.090
8X7X70MM	25	39220.087.070				18X11X100MM	10	39220.191.100
8X7X80MM	25	39220.087.080				18X11X140MM	10	39220.191.140
			14X9X50MM	10	39220.149.050			
10X8X40MM	25	39220.108.040	14X9X63MM	10	39220.149.063			
10X8X50MM	25	39220.108.050	14X9X70MM	10	39220.149.070	32X18X160MM	5	39220.338.160
10X8X63MM	25	39220.108.063	14X9X80MM	10	39220.149.080	32X18X200MM	5	39220.338.200
10X8X70MM	25	39220.108.070	14X9X90MM	10	39220.149.090			
10X8X80MM	25	39220.108.080	14X9X100MM	10	39220.149.100	36X20X160MM	5	39220.380.160
10X8X100MM	25	39220.108.100				36X20X200MM	5	39220.380.200
			16X10X63MM	10	39220.170.063			
12X8X40MM	10	39220.128.040	16X10X70MM	10	39220.170.070	40X22X200MM	5	39220.422.200

pop-nituri

Tehnologia nituirii cu pop-nituri sau nituri oarbe este simplă. Materialele care se nituiesc necesită acces doar dintr-o singură parte. Asta explică denumirea de nituri oarbe. Nitul este constituit din două părți - corpul și coada. Corpul se deformează când nitul este fixat și deformarea sa este cea care strânge materialele împreună. Coada este cea care deformează corpul nitului. Această parte este mai rezistentă decât corpul. Coada se rupe în punctul său specific de rupere. Acest punct specific de rupere asigură că acesta se va rupe la momentul corect, când corpul este deformat și materialele sunt strânse corect.

Gama de pop-nituri conține cinci grupuri principale **Omni**: pop-nituri standard deschise

Plus Bulb & P-Lock: pop-nituri de înaltă rezistență

Multi: pop-nituri deschise cu o rază mare de prindere

Sigma: pop-nituri închise

Specials: pop-nituri speciale pentru aplicații în materiale moi (EXPO, TRIPO, HAMMER)

Omni

Gama Omni reprezintă gama de produse standard de pop-nituri deschise. Pop-niturile Omni sunt de uz general, cu punctul de rupere aflat chiar în interiorul capului

Pop-nituri de înaltă rezistență (P-Lock & Plus Bulb)

Pop-niturile de înaltă rezistență sunt realizate special pentru aplicații grele, de exemplu pentru industria automotive, industria de construcții, reparații și service-uri, instalații de încălzire și aer condiționat, dulapuri... Pe scurt, oriunde se combină sarcini mari și nevoia de fiabilitate. Pop-niturile de înaltă rezistență sunt cunoscute pentru rezistența mare la rupere și forfecare și capacitatea mare la efort a capului.

Grupa de articole de înaltă rezistență 34350 (P-Lock)

Pop-nitul cu o rază de prindere Multiplă și o rezistență mare la rupere și forfecare oferă o rezistență mare la vibrații și o conexiune bine etanșată. După fixare, restul cozii este reținut în interiorul capului, datorită sistemului special de blocare. Pentru a fixa acest pop-nit este nevoie de scule speciale sau de piesă de vârf pe unealta folosită (verifică specificația uneltei) Forța minimă de fixare necesară 13,5 kN.

Grupele de articole de înaltă rezistență 32635 - 32642 (Plus Bulb)

Aceste articole au fost create pentru a îndeplini nevoia existentă în industrie pentru un articol de fixare cu forță de strângere mare, pentru aplicații cu table subțiri. Capul cu diametru mare și flanșa secundară lată dispersează sarcina pe o suprafață mare, asigurând prinderea permanentă. Acest articol de fixare unic are un vârf zencuit pentru o centrarea facilă a găurilor.

Avantajele grupelor de articole 34350 (P-Lock) și 23635-32642 (Plus Bulb) sunt:

- Mecanismul special de fixare mărește forța de strângere
- După fixare, partea interioară a cozii rămâne parte integrantă a nitului.
- Conexiune 100% etanșă la apă
- Rezistență mare la vibrații
- Capacitate mare de fixare

Grupele de articole de înaltă rezistență 34320 - 34330 (Plus Bulb)

Aceste nituri Plus Bulb, din oțel și din oțel inoxidabil, formează o flanșă secundară de mari dimensiuni pe partea din spate a aplicației. Acest aspect le face ideale pentru fixarea de înaltă rezistență la table.

Avantaje

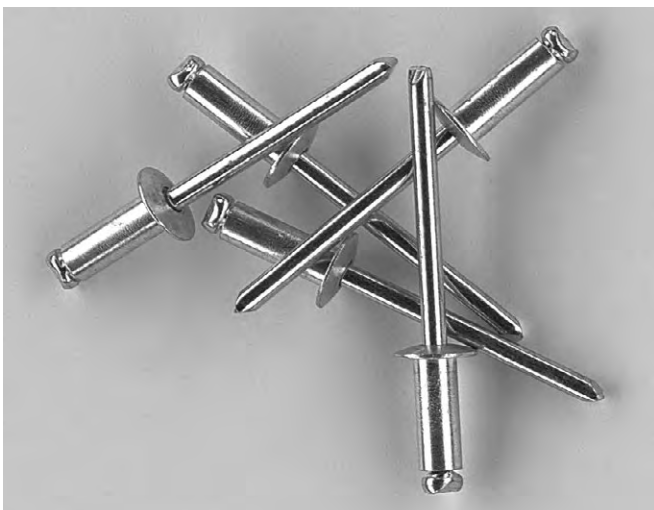
- Rezistență mare la rupere și forfecare
- Fixarea permanentă a cozii în interiorul nitului, evită mișcarea acestuia în interior.
- Capacitate bună de umplere a găurilor compensează găuri supradimensionate, prost aliniate sau ovale.
- Conferă o suprafață mare de contact.
- O bună distribuție a sarcinii de strângere
- Rezistență la vibrații
- Nu sunt necesare scule sau vârfuri speciale

Multi

Niturile Multi sunt nituri pentru multiple tipuri de prinderi cu o rază largă de prindere. Asta poate ajuta la o reducere semnificativă de tipuri de nituri folosite într-o aplicație și o reducere a stocului necesar. Nitul se umflă în partea din spate a aplicației, dispersând sarcina de strângere pe o zonă largă. După fixare, partea interioară a cozii rămâne în interiorul corpului făcându-l rezistent la vibrații. Datorită caracteristicilor structurale ale nitului acesta are proprietăți bune de compensare a dimensiunii găurii, deci diametrul de găurire este mai puțin critic.

Sigma

Gama de nituri Sigma oferă nituri închise care au fost special create pentru a combina o fixare puternică cu o etanșare bună pentru apă și aer. La strângere, corpul nitului expandează pentru a umple gaura, permițând nitului să reziste la presiuni de până la 35 bari (3500 kPa). Coada din corp este 100 reținută, oferind o rezistență înaltă la vibrații. Rezultatul este o fixare nituită cu rezistență mare la rupere și forfecare. Pentru a asigura fixarea optimă a niturilor închise, este important ca diametrele de găurire recomandate să fie respectate întocmai.

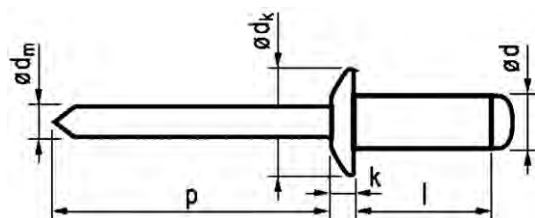


Speciale

În adăugarea gamelor standard de nituri pop, oferă și posibilitatea de livrare a multor alte tipuri de nituri pop pentru aplicații speciale, din stoc - Speciale Pentru aplicații în materiile moi

- Pop-nituri EXPO
- Pop-nituri TRIPO
- Pop-nituri HAMMER

Popnit OMNI cap bombat



Date tehnice

$\varnothing d$	Burghiu $\varnothing$	k	p	$\varnothing d_k$
2.4	2.5	0.7	≥ 27	5.0
3.0	3.1	0.8	≥ 27	6.5
3.2	3.3	0.8	≥ 27	6.5
4.0	4.1	1.0	≥ 27	8.0
4.8	4.9	1.1	≥ 27	9.5
5.0	5.1	1.1	≥ 27	9.5
6.0	6.1	1.5	≥ 31	12.0
6.4	6.5	1.8	≥ 31	13.0

Grupe de articole

Material	Tratament al suprafeței		Cod	Pag.
Al AlMg 2,5/3,5		Al-Oțel zincat	34110	9-55
Al AlMg 2,5/3,5		Al anodizat negru - Oțel zn	34310	9-56
Al AlMg 3		Al-Inox A2	34190	9-56
Al AlMg 2,5		Alum-Alum	33190	9-57
Oțel	Zn	Oțel zn-Oțel zn	34130	9-57
INOX A2		Inox A2- Inox A2	34180	9-58
INOX A4		Inox A2- Inox A4	34186	9-59
Cu		Cu-Oțel zincat	34150	9-59

Material Aluminiu AIMg 2,5/3,5



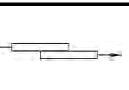
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
2,4	4,0	≈ 2,0	≈ 1,45	355	315
2,4	6,0	2,0-4,0	≈ 1,45	355	315
2,4	8,0	4,0-6,0	≈ 1,45	355	315
3,0	4,0	≈ 1,5	≈ 1,75	810	620
3,0	6,0	1,5-3,5	≈ 1,75	810	620
3,0	8,0	3,5-5,5	≈ 1,75	810	620
3,0	10,0	5,5-7,5	≈ 1,75	810	620
3,0	12,0	7,5-9,5	≈ 1,75	810	620
3,0	16,0	11,5-13,5	≈ 1,75	810	620
3,2	4,0	≈ 1,5	≈ 1,75	980	760
3,2	6,0	1,5-3,5	≈ 1,75	980	760
3,2	8,0	3,5-5,5	≈ 1,75	980	760
3,2	10,0	5,5-7,5	≈ 1,75	980	760
3,2	12,0	7,5-9,5	≈ 1,75	980	760
3,2	14,0	9,5-11,5	≈ 1,75	980	760
3,2	16,0	11,5-13,5	≈ 1,75	980	760
3,2	18,0	13,5-15,5	≈ 1,75	980	760
3,2	20,0	15,5-17,5	≈ 1,75	980	760
4,0	5,0	≈ 1,5	≈ 2,10	1600	1200
4,0	6,0	1,5-3,0	≈ 2,10	1600	1200
4,0	8,0	3,0-5,0	≈ 2,10	1600	1200
4,0	10,0	5,0-6,5	≈ 2,10	1600	1200
4,0	12,0	6,5-8,5	≈ 2,10	1600	1200
4,0	14,0	8,5-10,5	≈ 2,10	1600	1200
4,0	16,0	10,5-12,5	≈ 2,10	1600	1200
4,0	18,0	12,5-14,5	≈ 2,10	1600	1200
4,0	20,0	14,5-16,5	≈ 2,10	1600	1200
4,0	25,0	19,0-21,5	≈ 2,10	1600	1200
4,0	30,0	21,5-26,0	≈ 2,10	1600	1200
4,0	35,0	26,0-30,0	≈ 2,10	1600	1200
4,8	6,0	1,0-3,0	≈ 2,70	2230	1690
4,8	8,0	3,0-4,5	≈ 2,70	2230	1690
4,8	10,0	4,5-6,0	≈ 2,70	2230	1690
4,8	12,0	6,0-8,0	≈ 2,70	2230	1690
4,8	14,0	8,0-10,0	≈ 2,70	2230	1690
4,8	16,0	10,0-12,0	≈ 2,70	2230	1690
4,8	18,0	12,0-14,0	≈ 2,70	2230	1690
4,8	20,0	14,0-16,0	≈ 2,70	2230	1690
4,8	22,0	16,0-18,0	≈ 2,70	2230	1690

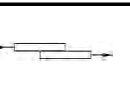
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	25,0	18,0-21,0	≈ 2,70	2230	1690
4,8	28,0	21,0-23,5	≈ 2,70	2230	1690
4,8	30,0	23,5-25,0	≈ 2,70	2230	1690
4,8	35,0	25,0-30,0	≈ 2,70	2230	1690
4,8	45,0	35,0-39,0	≈ 2,70	2230	1690
5,0	6,0	1,0-3,0	≈ 2,70	2500	2000
5,0	8,0	3,0-4,5	≈ 2,70	2500	2000
5,0	10,0	4,5-6,0	≈ 2,70	2500	2000
5,0	12,0	6,0-8,0	≈ 2,70	2500	2000
5,0	14,0	8,0-10,0	≈ 2,70	2500	2000
5,0	16,0	10,0-12,0	≈ 2,70	2500	2000
5,0	18,0	12,0-14,0	≈ 2,70	2500	2000
5,0	21,0	14,0-17,0	≈ 2,70	2500	2000
5,0	25,0	17,0-20,0	≈ 2,70	2500	2000
5,0	27,0	20,0-23,0	≈ 2,70	2500	2000
5,0	30,0	23,0-25,0	≈ 2,70	2500	2000
5,0	35,0	25,0-30,0	≈ 2,70	2500	2000
5,0	40,0	30,0-35,0	≈ 2,70	2500	2000
5,0	45,0	35,0-40,0	≈ 2,70	2500	2000
5,0	50,0	40,0-45,0	≈ 2,70	2500	2000
5,0	55,0	45,0-50,0	≈ 2,70	2500	2000
5,0	60,0	50,0-55,0	≈ 2,70	2500	2000
6,0	8,0	2,0-4,0	≈ 3,60	3900	3000
6,0	10,0	4,0-6,0	≈ 3,60	3900	3000
6,0	12,0	6,0-8,0	≈ 3,60	3900	3000
6,0	14,0	7,0-9,0	≈ 3,60	3900	3000
6,0	16,0	9,0-11,0	≈ 3,60	3900	3000
6,0	18,0	11,0-13,0	≈ 3,60	3900	3000
6,0	22,0	13,0-17,0	≈ 3,60	3900	3000
6,0	26,0	17,0-20,0	≈ 3,60	3900	3000
6,0	30,0	20,0-24,0	≈ 3,60	3900	3000
6,4	12,0	4,0-6,0	≈ 3,85	4090	3120
6,4	15,0	6,0-9,0	≈ 3,85	4090	3120
6,4	18,0	9,0-13,0	≈ 3,85	4090	3120
6,4	22,0	13,0-16,0	≈ 3,85	4090	3120
6,4	26,0	16,0-20,0	≈ 3,85	4090	3120
6,4	30,0	18,0-24,0	≈ 3,85	4090	3120
6,4	35,0	24,0-30,0	≈ 3,85	4090	3120

d x L	☒		d x L	☒		d x L	☒	
2,4X4MM	500	34110.024.004	3,2X16MM	500	34110.032.016	4,8X8MM	500	34110.048.008
2,4X6MM	500	34110.024.006	3,2X18MM	500	34110.032.018	4,8X10MM	500	34110.048.010
2,4X8MM	500	34110.024.008	3,2X20MM	500	34110.032.020	4,8X12MM	500	34110.048.012
3,0X4MM	500	34110.030.004	4,0X6MM	500	34110.040.006	4,8X14MM	500	34110.048.014
3,0X6MM	500	34110.030.006	4,0X8MM	500	34110.040.008	4,8X16MM	500	34110.048.016
3,0X8MM	500	34110.030.008	4,0X10MM	500	34110.040.010	4,8X18MM	500	34110.048.018
3,0X10MM	500	34110.030.010	4,0X12MM	500	34110.040.012	4,8X20MM	500	34110.048.020
3,0X12MM	500	34110.030.012	4,0X14MM	500	34110.040.014	4,8X22MM	500	34110.048.022
3,0X16MM	500	34110.030.016	4,0X16MM	500	34110.040.016	4,8X25MM	500	34110.048.025
3,2X4MM	500	34110.032.004	4,0X18MM	500	34110.040.018	4,8X30MM	250	34110.048.030
3,2X6MM	500	34110.032.006	4,0X20MM	500	34110.040.020	4,8X35MM	250	34110.048.035
3,2X8MM	500	34110.032.008	4,0X25MM	500	34110.040.025	4,8X45MM	250	34110.048.045
3,2X10MM	500	34110.032.010	4,0X30MM	500	34110.040.030	5,0X6MM	500	34110.050.006
3,2X12MM	500	34110.032.012	4,0X35MM	500	34110.040.035	5,0X8MM	500	34110.050.008
3,2X14MM	500	34110.032.014	4,8X6MM	500	34110.048.006	5,0X10MM	500	34110.050.010
						5,0X12MM	500	34110.050.012

34110 Popnit OMNI cap bombat Aluminiiu								←
d x L	✉		d x L	✉		d x L	✉	
5,0X14MM	500	34110.050.014	5,0X50MM	100	34110.050.050	6,0X26MM	250	34110.060.026
5,0X16MM	500	34110.050.016	5,0X60MM	250	34110.050.060	6,0X30MM	250	34110.060.030
5,0X18MM	500	34110.050.018						
5,0X21MM	500	34110.050.021	6,0X8MM	500	34110.060.008	6,4X12MM	250	34110.064.012
5,0X25MM	500	34110.050.025	6,0X10MM	500	34110.060.010	6,4X15MM	250	34110.064.015
5,0X27MM	250	34110.050.027	6,0X12MM	500	34110.060.012	6,4X18MM	250	34110.064.018
5,0X30MM	500	34110.050.030	6,0X14MM	250	34110.060.014	6,4X22MM	250	34110.064.022
5,0X35MM	100	34110.050.035	6,0X16MM	500	34110.060.016	6,4X26MM	250	34110.064.026
5,0X40MM	250	34110.050.040	6,0X18MM	250	34110.060.018	6,4X30MM	250	34110.064.030
5,0X45MM	100	34110.050.045	6,0X22MM	250	34110.060.022	6,4X35MM	250	34110.064.035

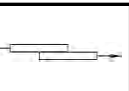
34310 Popnit OMNI cap bombat Aluminiiu negru						T05A
Material Aluminiiu AIMg 2,5/3,5						
						

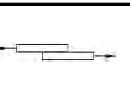
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	8,0	3,5-5,5	≈ 1,75	810	620
3,0	10,0	5,5-7,5	≈ 1,75	810	620
3,0	12,0	7,5-9,5	≈ 1,75	810	620

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	8,0	3,0-5,0	≈ 2,10	1600	1200
4,0	10,0	5,0-6,5	≈ 2,10	1600	1200
4,0	12,0	6,5-8,5	≈ 2,10	1600	1200

d x L			d x L			d x L		
	✉			✉			✉	
3,0X8MM	500	34310.030.008				4,0X10MM	500	34310.040.010
3,0X10MM	500	34310.030.010	4,0X8MM	500	34310.040.008	4,0X12MM	500	34310.040.012
3,0X12MM	500	34310.030.012						

34190 Popnit OMNI cap bombat Aluminiiu						T05A
Material Aluminiiu AIMg 3						
						
						

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	4,0	≈ 1,5	≈ 1,75	810	620
3,0	6,0	1,5-3,5	≈ 1,75	810	620
3,0	8,0	3,5-5,5	≈ 1,75	810	620
3,0	10,0	5,5-7,0	≈ 1,75	810	620
3,0	12,0	7,0-9,0	≈ 1,75	810	620
3,2	6,0	1,5-3,5	≈ 1,95	980	760
3,2	8,0	3,5-5,5	≈ 1,95	980	760
4,0	6,0	1,0-3,0	≈ 2,10	1600	1200
4,0	8,0	3,0-5,0	≈ 2,10	1600	1200
4,0	10,0	5,0-7,0	≈ 2,10	1600	1200
4,0	12,0	7,0-9,0	≈ 2,10	1600	1200
4,0	16,0	11,5-12,5	≈ 2,10	1600	1200

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	20,0	15,0-17,0	≈ 2,10	1600	1200
4,0	25,0	17,0-20,0	≈ 2,10	1600	1200
4,8	10,0	4,5-6,5	≈ 2,70	2230	1690
4,8	12,0	6,5-8,5	≈ 2,70	2230	1690
4,8	14,0	8,5-10,5	≈ 2,70	2230	1690
4,8	16,0	10,5-12,5	≈ 2,70	2230	1690
5,0	8,0	2,5-4,5	≈ 2,70	2500	2000
5,0	10,0	4,5-6,5	≈ 2,70	2500	2000
5,0	12,0	6,5-8,5	≈ 2,70	2500	2000
5,0	14,0	8,5-10,5	≈ 2,70	2500	2000
5,0	16,0	10,5-12,5	≈ 2,70	2500	2000

d x L	✉		d x L	✉		d x L	✉	
3,0X6MM	500	34190.030.006	4,0X8MM	500	34190.040.008	4,8X12MM	500	34190.048.012
3,0X8MM	500	34190.030.008	4,0X10MM	500	34190.040.010	4,8X14MM	500	34190.048.014
3,0X10MM	500	34190.030.010	4,0X12MM	500	34190.040.012	4,8X16MM	500	34190.048.016
3,0X12MM	500	34190.030.012	4,0X16MM	500	34190.040.016			
			4,0X20MM	250	34190.040.020	5,0X8MM	500	34190.050.008
3,2X6MM	500	34190.032.006	4,0X25MM	500	34190.040.025	5,0X10MM	500	34190.050.010
3,2X8MM	500	34190.032.008				5,0X12MM	500	34190.050.012
			4,8X10MM	500	34190.048.010	5,0X16MM	500	34190.050.016
4,0X6MM	500	34190.040.006						

33190 Popnit OMNI cap bombat Aluminiu

T05A

Material Aluminiu AIMg 2,5



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,0	1,5-3,5	≈ 1,95	670	535
3,2	8,0	3,5-5,5	≈ 1,95	670	535
3,2	10,0	5,5-7,5	≈ 1,95	670	535
4,0	6,0	1,5-3,0	≈ 2,45	1025	845
4,0	8,0	3,0-5,0	≈ 2,45	1025	845
4,0	10,0	5,0-7,0	≈ 2,45	1025	845

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	12,0	7,0-9,0	≈ 2,45	1025	845
4,8	8,0	2,5-4,5	≈ 2,90	1425	1155
4,8	10,0	4,5-6,5	≈ 2,90	1425	1155
4,8	12,0	6,5-8,5	≈ 2,90	1425	1155
4,8	14,0	8,5-10,5	≈ 2,90	1425	1155

d x L	☒	
3,2X6MM	500	33190.032.006
3,2X8MM	500	33190.032.008
3,2X10MM	500	33190.032.010
4,0X6MM	500	33190.040.006

d x L	☒	
4,0X8MM	500	33190.040.008
4,0X10MM	500	33190.040.010
4,0X12MM	500	33190.040.012

d x L	☒	
4,8X8MM	500	33190.048.008
4,8X10MM	500	33190.048.010
4,8X12MM	500	33190.048.012
4,8X14MM	500	33190.048.014

34130 Popnit OMNI cap bombat Oțel zincat

T05A

Material Oțel
Tratament al suprafeței Zincat

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-3,0	≈ 1,90	1125	915
3,0	8,0	3,0-5,0	≈ 1,90	1125	915
3,0	10,0	5,0-7,0	≈ 1,90	1125	915
3,0	12,0	7,0-9,0	≈ 1,90	1125	915
3,0	14,0	9,0-11,0	≈ 1,90	1125	915
3,2	6,0	1,5-3,0	≈ 2,00	1285	1060
3,2	8,0	3,0-5,0	≈ 2,00	1285	1060
3,2	10,0	5,0-7,0	≈ 2,00	1285	1060
3,2	12,0	7,0-9,0	≈ 2,00	1285	1060
3,2	14,0	9,0-11,0	≈ 2,00	1285	1060
4,0	6,0	1,5-2,5	≈ 2,50	1990	1550
4,0	8,0	2,5-4,5	≈ 2,50	1990	1550
4,0	10,0	4,5-6,5	≈ 2,50	1990	1550
4,0	12,0	6,5-8,5	≈ 2,50	1990	1550
4,0	14,0	8,5-10,5	≈ 2,50	1990	1550
4,0	16,0	10,5-12,5	≈ 2,50	1990	1550
4,0	18,0	12,5-14,5	≈ 2,50	1990	1550
4,0	20,0	14,5-16,5	≈ 2,50	1990	1550
4,8	6,0	1,0-2,5	≈ 2,90	2920	2300
4,8	8,0	2,5-4,5	≈ 2,90	2920	2300
4,8	10,0	4,5-6,0	≈ 2,90	2920	2300
4,8	12,0	6,0-8,0	≈ 2,90	2920	2300
4,8	14,0	8,0-10,0	≈ 2,90	2920	2300
4,8	16,0	10,0-11,5	≈ 2,90	2920	2300

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	18,0	11,5-13,5	≈ 2,90	2920	2300
4,8	20,0	13,5-15,0	≈ 2,90	2920	2300
4,8	22,0	15,0-17,0	≈ 2,90	2920	2300
4,8	25,0	17,0-20,0	≈ 2,90	2920	2300
5,0	8,0	2,5-4,0	≈ 2,90	3255	2575
5,0	10,0	4,0-6,0	≈ 2,90	3255	2575
5,0	12,0	6,0-8,0	≈ 2,90	3255	2575
5,0	14,0	8,0-10,0	≈ 2,90	3255	2575
5,0	16,0	10,0-11,5	≈ 2,90	3255	2575
5,0	18,0	11,5-13,5	≈ 2,90	3255	2575
5,0	20,0	13,5-15,0	≈ 2,90	3255	2575
5,0	25,0	15,0-16,5	≈ 2,90	3255	2575
5,0	30,0	21,0-24,0	≈ 2,90	3255	2575
5,0	35,0	22,0-30,0	≈ 2,90	3255	2575
5,0	40,0	27,0-35,0	≈ 2,90	3255	2575
6,0	10,0	1,5-4,5	≈ 3,60	5020	4040
6,0	12,0	3,5-6,5	≈ 3,60	5020	4040
6,4	12,0	3,5-6,5	≈ 3,85	5415	4355
6,4	15,0	6,5-9,5	≈ 3,85	5415	4355
6,4	18,0	9,5-12,5	≈ 3,85	5415	4355
6,4	22,0	14,5-16,5	≈ 3,85	5415	4355
6,4	26,0	18,5-20,5	≈ 3,85	5415	4355
6,4	30,0	22,5-24,5	≈ 3,85	5415	4355

d x L	☒	
3,0X6MM	500	34130.030.006
3,0X8MM	500	34130.030.008
3,0X10MM	500	34130.030.010
3,0X12MM	500	34130.030.012
3,0X14MM	500	34130.030.014

d x L	☒	
3,2X6MM	500	34130.032.006
3,2X8MM	500	34130.032.008
3,2X10MM	500	34130.032.010
3,2X12MM	500	34130.032.012

d x L	☒	
3,2X14MM	500	34130.032.014
4,0X6MM	500	34130.040.006
4,0X8MM	500	34130.040.008
4,0X10MM	500	34130.040.010

34130 Popnit OMNI cap bombat Oțel zincat								←
d x L		✉	d x L		✉	d x L		✉
4,0X12MM	500	34130.040.012	4,8X18MM	500	34130.048.018	5,0X40MM	250	34130.050.040
4,0X14MM	500	34130.040.014	4,8X20MM	500	34130.048.020			
4,0X16MM	500	34130.040.016	4,8X22MM	250	34130.048.022	6,0X12MM	250	34130.060.012
4,0X18MM	500	34130.040.018	4,8X25MM	250	34130.048.025			
4,0X20MM	500	34130.040.020				6,4X12MM	250	34130.064.012
			5,0X8MM	500	34130.050.008	6,4X15MM	250	34130.064.015
4,8X6MM	500	34130.048.006	5,0X10MM	500	34130.050.010	6,4X18MM	200	34130.064.018
4,8X8MM	500	34130.048.008	5,0X12MM	500	34130.050.012	6,4X22MM	250	34130.064.022
4,8X10MM	500	34130.048.010	5,0X14MM	500	34130.050.014	6,4X26MM	250	34130.064.026
4,8X12MM	500	34130.048.012	5,0X16MM	250	34130.050.016	6,4X30MM	100	34130.064.030
4,8X14MM	500	34130.048.014	5,0X18MM	200	34130.050.018			
4,8X16MM	500	34130.048.016	5,0X20MM	500	34130.050.020			

34180 Popnit OMNI cap bombat Inox A2						T05A	
Material		Oțel inoxidabil A2					
						 	

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-2,5	≈ 1,90	2000	1600
3,0	8,0	2,5-4,5	≈ 1,90	2000	1600
3,0	10,10	4,5-6,5	≈ 1,90	2000	1600
3,0	12,0	6,5-8,5	≈ 1,90	2000	1600
3,0	15,0	9,5-11,5	≈ 1,90	2000	1600
3,2	6,0	1,5-2,5	≈ 2,00	2500	1800
3,2	8,0	2,5-4,5	≈ 2,00	2500	1800
3,2	10,0	4,5-6,5	≈ 2,00	2500	1800
3,2	12,0	6,5-8,5	≈ 2,00	2500	1800
3,2	15,0	8,5-12,0	≈ 2,00	2500	1800
4,0	6,0	≈ 2,0	≈ 2,50	3800	3100
4,0	8,0	2,0-4,0	≈ 2,50	3800	3100
4,0	10,0	4,0-6,0	≈ 2,50	3800	3100
4,0	13,0	7,0-9,0	≈ 2,50	3800	3100
4,0	14,0	9,0-10,0	≈ 2,50	3800	3100
4,0	16,0	10,0-12,0	≈ 2,50	3800	3100
4,0	18,0	12,0-14,0	≈ 2,50	3800	3100
4,0	20,0	14,0-16,0	≈ 2,50	3800	3100

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	25,0	17,0-21,0	≈ 2,50	3800	3100
4,8	8,0	1,5-3,0	≈ 2,90	6000	4500
4,8	10,0	3,0-5,0	≈ 2,90	6000	4500
4,8	12,0	5,0-7,0	≈ 2,90	6000	4500
4,8	16,0	9,0-11,0	≈ 2,90	6000	4500
4,8	18,0	11,0-13,0	≈ 2,90	6000	4500
4,8	20,0	13,0-15,0	≈ 2,90	6000	4500
4,8	25,0	15,0-20,0	≈ 2,90	6000	4500
4,8	27,0	18,0-22,0	≈ 2,90	6000	4500
4,8	30,0	20,0-25,0	≈ 2,90	6000	4500
5,0	8,0	1,5-3,0	≈ 2,90	6500	5000
5,0	10,0	3,0-5,0	≈ 2,90	6500	5000
5,0	12,0	5,0-7,0	≈ 2,90	6500	5000
5,0	16,0	9,0-11,0	≈ 2,90	6500	5000
5,0	18,0	11,0-13,0	≈ 2,90	6500	5000
5,0	20,0	13,0-15,0	≈ 2,90	6500	5000
5,0	25,0	17,0-20,0	≈ 2,90	6500	5000

d x L	☒		d x L	☒		d x L	☒	
3,0X6MM	500	34180.030.006	4,0X6MM	500	34180.040.006	4,8X14MM	500	34180.048.014
3,0X8MM	500	34180.030.008	4,0X8MM	500	34180.040.008	4,8X16MM	500	34180.048.016
3,0X10MM	500	34180.030.010	4,0X10MM	500	34180.040.010	4,8X18MM	500	34180.048.018
3,0X12MM	500	34180.030.012	4,0X13MM	500	34180.040.013	4,8X20MM	500	34180.048.020
3,0X15MM	500	34180.030.015	4,0X16MM	500	34180.040.016	4,8X25MM	500	34180.048.025
			4,0X18MM	500	34180.040.018	4,8X30MM	500	34180.048.030
3,2X6MM	500	34180.032.006	4,0X20MM	500	34180.040.020			
3,2X8MM	500	34180.032.008	4,0X25MM	500	34180.040.025	5,0X8MM	500	34180.050.008
3,2X10MM	500	34180.032.010				5,0X10MM	500	34180.050.010
3,2X12MM	500	34180.032.012	4,8X8MM	500	34180.048.008	5,0X12MM	500	34180.050.012
3,2X15MM	500	34180.032.015	4,8X10MM	500	34180.048.010	5,0X16MM	500	34180.050.016
			4,8X12MM	500	34180.048.012	5,0X20MM	250	34180.050.020

34186 Popnit OMNI cap bombat Inox A4

T05A

Material Oțel inoxidabil A4



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-2,5	≈ 1,90	2000	1600
3,0	8,0	2,5-4,5	≈ 1,90	2000	1600
3,0	10,0	4,6-6,5	≈ 1,90	2000	1600
3,0	12,0	6,5-8,5	≈ 1,90	2000	1600
3,2	6,0	1,5-2,5	≈ 2,00	2500	1800
3,2	8,0	2,5-4,5	≈ 2,00	2500	1800
3,2	10,0	4,5-6,5	≈ 2,00	2500	1800
3,2	12,0	6,5-8,5	≈ 2,00	2500	1800
4,0	6,0	≈ 2,0	≈ 2,50	3800	3100
4,0	8,0	2,0-4,0	≈ 2,50	3800	3100

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	10,0	4,0-6,0	≈ 2,50	3800	3100
4,0	13,0	7,0-9,0	≈ 2,50	3800	3100
4,0	16,0	10,0-12,0	≈ 2,50	3800	3100
4,8	8,0	1,5-3,0	≈ 2,90	6000	4500
4,8	10,0	3,0-5,0	≈ 2,90	6000	4500
4,8	12,0	5,0-7,0	≈ 2,90	6000	4500
4,8	16,0	9,0-11,0	≈ 2,90	6000	4500
4,8	18,0	11,0-13,0	≈ 2,90	6000	4500
4,8	20,0	13,0-15,0	≈ 2,90	6000	4500

d x L	☒	
3,0X6MM	500	34186.030.006
3,0X8MM	500	34186.030.008
3,0X10MM	500	34186.030.010
3,2X6MM	500	34186.032.006
3,2X8MM	500	34186.032.008
3,2X10MM	500	34186.032.010

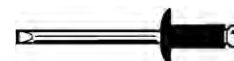
d x L	☒	
3,2X12MM	500	34186.032.012
4,0X6MM	500	34186.040.006
4,0X8MM	500	34186.040.008
4,0X10MM	500	34186.040.010
4,0X13MM	500	34186.040.013
4,0X16MM	500	34186.040.016

d x L	☒	
4,8X8MM	500	34186.048.008
4,8X10MM	500	34186.048.010
4,8X12MM	500	34186.048.012
4,8X16MM	500	34186.048.016
4,8X18MM	500	34186.048.018
4,8X20MM	500	34186.048.020

34150 Popnit OMNI cap bombat Cupru

T05A

Material Cupru



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,0-3,0	≈ 1,75	700	600
3,0	8,0	3,0-5,0	≈ 1,75	700	600
3,0	10,0	5,0-7,0	≈ 1,75	700	600
3,0	12,0	7,0-9,0	≈ 1,75	700	600
4,0	6,0	1,0-2,5	≈ 2,10	1500	1000

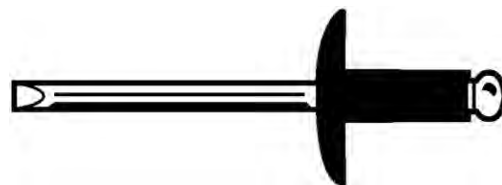
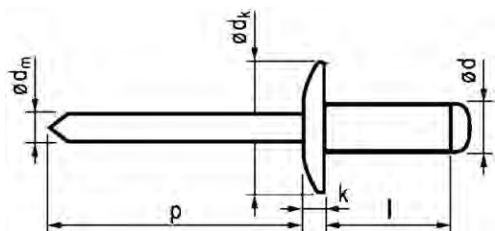
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	8,0	2,5-4,5	≈ 2,10	1500	1000
4,0	10,0	4,5-6,5	≈ 2,10	1500	1000
4,0	12,0	6,5-8,5	≈ 2,10	1500	1000
4,0	16,0	10,5-12,5	≈ 2,10	1500	1000

d x L	☒	
3,0X6MM	500	34150.030.006
3,0X8MM	500	34150.030.008
3,0X10MM	500	34150.030.010
3,0X12MM	500	34150.030.012

d x L	☒	
4,0X6MM	500	34150.040.006
4,0X8MM	500	34150.040.008

d x L	☒	
4,0X10MM	500	34150.040.010
4,0X12MM	500	34150.040.012
4,0X16MM	500	34150.040.016

Popnit OMNI cap mare



Date tehnice

ø d	Burghiu ø	k	p	ø d _k
3.2	3.3	≤ 2.0	≥ 27	9.5
4.0	4.1	≤ 2.0	≥ 27	12.0
4.8xk14	4.9	≤ 2.5	≥ 27	14.0
4.8xk16	4.9	≤ 2.5	≥ 27	16.0
5.0xk9.5	5.1	≤ 2.5	≥ 27	9.5
5.0xk11	5.1	≤ 2.5	≥ 27	11.0
5.0xk14	5.1	≤ 2.5	≥ 27	14.0
5.0xk16	5.1	1.1	≥ 27	16.0

Grupe de articole

Material		Cod	Pag.
Al AIMg 3,5	Al-Oțel zincat mare	34113	9-60
Al AIMg 2,5	Al-Oțel zincat mare	34126	9-61

34113 Pop nit OMNI cu cap mare Aluminiu

T05A

Material Aluminiu AIMg 3,5



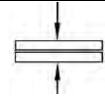
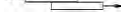
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,0	1,5-3,5	≈ 1,70	980	760
3,2	8,0	3,5-5,5	≈ 1,70	980	760
3,2	10,0	5,5-7,5	≈ 1,70	980	760
3,2	12,0	7,5-9,5	≈ 1,70	980	760
4,0	6,0	1,5-3,0	≈ 2,10	1600	1200
4,0	8,0	3,0-5,0	≈ 2,10	1600	1200
4,0	10,0	5,0-6,5	≈ 2,10	1600	1200
4,0	12,0	6,5-8,5	≈ 2,10	1600	1200
4,0	14,0	8,5-10,5	≈ 2,10	1600	1200
4,0	16,0	10,5-12,5	≈ 2,10	1600	1200
4,8	8,0	3,0-4,5	≈ 2,10	2230	1690
4,8	10,0	4,5-6,0	≈ 2,10	2230	1690
4,8	12,0	6,0-8,0	≈ 2,10	2230	1690
4,8	16,0	10,0-12,0	≈ 2,10	2230	1690
4,8	18,0	12,0-14,0	≈ 2,10	2230	1690
4,8	20,0	14,0-16,0	≈ 2,10	2230	1690
5,0	8,0	2,0-5,0	≈ 2,70	2500	2000
5,0	10,0	4,0-6,5	≈ 2,70	2500	2000
5,0	12,0	6,0-8,0	≈ 2,70	2500	2000
5,0	14,0	7,0-10,0	≈ 2,70	2500	2000

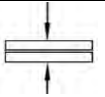
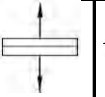
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
5,0	16,0	8,0-12,0	≈ 2,70	2500	2000
5,0	18,0	11,5-13,5	≈ 2,70	2500	2000
5,0	20,0	12,0-15,5	≈ 2,70	2500	2000
5,0	25,0	15,0-20,5	≈ 2,70	2500	2000
5,0	30,0	20,0-25,0	≈ 2,70	2500	2000
5,0	8,0	3,0-4,5	≈ 2,70	2500	2000
5,0	10,0	4,5-6,0	≈ 2,70	2500	2000
5,0	12,0	6,0-8,0	≈ 2,70	2500	2000
5,0	14,0	8,0-10,0	≈ 2,70	2500	2000
5,0	16,0	10,0-12,0	≈ 2,70	2500	2000
5,0	18,0	12,0-14,0	≈ 2,70	2500	2000
5,0	21,0	14,0-17,0	≈ 2,70	2500	2000
5,0	25,0	17,0-20,0	≈ 2,70	2500	2000
5,0	30,0	23,0-26,0	≈ 2,70	2500	2000
5,0	10,0	2,0-6,5	≈ 2,70	2500	2000
5,0	16,0	6,0-12,0	≈ 2,70	2500	2000
5,0	20,0	11,5-15,5	≈ 2,70	2500	2000
5,0	25,0	15,0-20,5	≈ 2,70	2500	2000
5,0	31,0	20,0-28,0	≈ 2,70	2500	2000

d x L	☒	d x L	☒	d x L	☒				
3,2X6MM D=9,5	500	34113.320.609	4,0X8MM D=12	500	34113.400.812				
3,2X8MM D=9,5	500	34113.320.809			4,8X10MM D=16	250	34113.481.016		
			4,0X10MM D=12	500	34113.401.012		4,8X12MM D=16	500	34113.481.216
3,2X10MM D=9,5	500	34113.321.009	4,0X12MM D=12	500	34113.401.212		4,8X16MM D=16	250	34113.481.616
3,2X12MM D=9,5	500	34113.321.209	4,0X14MM D=12	100	34113.401.412		4,8X18MM D=16	250	34113.481.816
			4,0X16MM D=12	500	34113.401.612				
4,0X6MM D=12	500	34113.400.612				4,8X20MM D=16	250	34113.482.016	

34113 Pop nit OMNI cu cap mare Aluminiu								←
d x L	✉		d x L	✉		d x L	✉	
5,0X8MM D=11	500	34113.500.811	5,0X14MM D=14	500	34113.501.414	5,0X21MM D=14	250	34113.502.114
5,0X8MM D=14	250	34113.500.814	5,0X16MM D=11	500	34113.501.611	5,0X24MM D=14	250	34113.502.414
			5,0X16MM D=14	500	34113.501.614	5,0X25MM D=11	500	34113.502.511
5,0X10MM D=11	500	34113.501.011	5,0X16MM D=16	500	34113.501.616	5,0X25MM D=16	250	34113.502.516
5,0X10MM D=14	250	34113.501.014	5,0X18MM D=11	500	34113.501.811			
5,0X10MM D=16	250	34113.501.016	5,0X18MM D=14	500	34113.501.814	5,0X30MM D=11	250	34113.503.011
5,0X12MM D=11	500	34113.501.211				5,0X30MM D=14	250	34113.503.014
5,0X12MM D=14	500	34113.501.214	5,0X20MM D=11	250	34113.502.011	5,0X35MM D=16	250	34113.503.516
5,0X14MM D=11	500	34113.501.411	5,0X20MM D=16	250	34113.502.016			

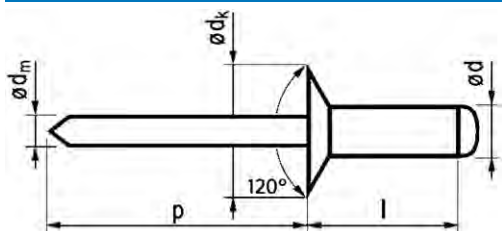
34126	Pop nit MULTI cu cap mare Aluminiu	T05A
Material	Aluminiu AlMg 2,5	
		

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	8,0	0,5-5,0	≈ 1,78	980	680
3,2	9,5	2,0-6,5	≈ 1,78	980	680
3,2	11,1	3,5-8,0	≈ 1,78	980	680
4,0	8,0	0,5-4,5	≈ 2,18	1600	1150
4,0	12,7	4,0-9,5	≈ 2,18	1600	1150

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	17,0	8,5-13,5	≈ 2,18	1600	1150
4,8	10,0	0,5-5,0	≈ 2,78	2350	1500
4,8	14,0	4,0-9,0	≈ 2,78	2350	1500
4,8	16,0	6,0-11,0	≈ 2,78	2350	1500
4,8	20,0	10,0-15,0	≈ 2,78	2350	1500

d x L	☒		d x L	☒		d x L	☒	
3,2X8MM D=9,5	500	34126.320.809	4,0X13MM D=12	500	34126.401.312	4,8X14MM D=14	250	34126.481.414
3,2X9MM D=9,5	500	34126.320.909	4,0X17MM D=12	500	34126.401.712	4,8X16MM D=14	250	34126.481.614
3,2X10MM D=9,5	500	34126.321.109	4,8X10MM D=14	250	34126.481.014	4,8X20MM D=14	250	34126.482.014
4,0X8MM D=12	500	34126.400.812						

Popnit OMNI cap înecat



Date tehnice			
ø d	Burghiu ø	p	ø d _k
3.0	3.1	≥27	6.0
3.2	3.3	≥27	6.0
4.0	4.1	≥27	7.5
4.8	4.9	≥27	9.0
5.0	5.1	≥27	9.0

Grupe de articole				
Material	Tratament al suprafeței	Cod	Pag.	
Al AlMg 2,5/3,5		Al-Oțel zincat	34120	9-62
Al AlMg 3		Al-Inox A2	34200	9-62
Oțel	Zn	Oțel zn-Oțel zn	34140	9-63
INOX A2		Inox A2- Inox A3	34184	9-63

34120 Pop nit OMNI cap înecat Aluminiu

T05A

Material Aluminiu AIMg 2,5/3,5



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-3,5	≈ 1,75	810	620
3,0	8,0	3,5-5,5	≈ 1,75	810	620
3,0	10,0	5,5-7,5	≈ 1,75	810	620
3,0	12,0	7,5-9,5	≈ 1,75	810	620
3,2	6,0	1,5-3,5	≈ 1,75	980	760
3,2	8,0	3,5-5,5	≈ 1,75	980	760
3,2	10,0	5,5-7,5	≈ 1,75	980	760
3,2	12,0	7,5-9,5	≈ 1,75	980	760
4,0	6,0	1,5-3,0	≈ 2,10	1600	1200
4,0	8,0	3,0-5,0	≈ 2,10	1600	1200
4,0	10,0	5,0-6,5	≈ 2,10	1600	1200
4,0	12,0	6,5-8,5	≈ 2,10	1600	1200
4,0	14,0	10,5-12,5	≈ 2,10	1600	1200
4,0	16,0	12,5-14,5	≈ 2,10	1600	1200
4,8	8,0	3,0-4,5	≈ 2,70	2230	1690

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	10,0	4,5-6,0	≈ 2,70	2230	1690
4,8	12,0	6,0-8,0	≈ 2,70	2230	1690
4,8	14,0	8,0-10,0	≈ 2,70	2230	1690
4,8	16,0	10,0-12,0	≈ 2,70	2230	1690
4,8	18,0	12,0-14,0	≈ 2,70	2230	1690
4,8	20,0	14,0-16,0	≈ 2,70	2230	1690
4,8	25,0	18,0-21,0	≈ 2,70	2230	1690
5,0	8,0	3,0-4,5	≈ 2,70	2500	2000
5,0	10,0	4,5-6,0	≈ 2,70	2500	2000
5,0	12,0	6,0-8,0	≈ 2,70	2500	2000
5,0	14,0	8,0-10,0	≈ 2,70	2500	2000
5,0	16,0	10,0-12,0	≈ 2,70	2500	2000
5,0	18,0	12,0-14,0	≈ 2,70	2500	2000
5,0	21,0	14,0-17,0	≈ 2,70	2500	2000
5,0	25,0	17,0-20,0	≈ 2,70	2500	2000

d x L	✉	d x L	✉	d x L	✉
3,0X6MM	500	34120.030.006	4,0X10MM	500	34120.040.010
3,0X8MM	500	34120.030.008	4,0X12MM	500	34120.040.012
3,0X10MM	500	34120.030.010	4,0X16MM	500	34120.040.016
3,0X12MM	500	34120.030.012	4,0X18MM	500	34120.040.018
3,2X6MM	500	34120.032.006	4,8X8MM	500	34120.048.008
3,2X8MM	500	34120.032.008	4,8X10MM	500	34120.048.010
3,2X10MM	500	34120.032.010	4,8X12MM	500	34120.048.012
3,2X12MM	500	34120.032.012	4,8X14MM	500	34120.048.014
			4,8X16MM	500	34120.048.016
4,0X6MM	500	34120.040.006	4,8X18MM	500	34120.048.018
4,0X8MM	500	34120.040.008			
			4,8X20MM	250	34120.048.020
			4,8X25MM	250	34120.048.025
			5,0X8MM	500	34120.050.008
			5,0X10MM	500	34120.050.010
			5,0X12MM	500	34120.050.012
			5,0X14MM	250	34120.050.014
			5,0X16MM	500	34120.050.016
			5,0X18MM	500	34120.050.018
			5,0X20MM	250	34120.050.020
			5,0X25MM	250	34120.050.025

34200 Pop nit OMNI cap înecat Aluminiu

T05A

Material Aluminiu AIMg 3



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-3,5	≈ 1,75	870	680
3,0	8,0	3,5-5,0	≈ 1,75	870	680
3,0	10,0	5,0-7,0	≈ 1,75	870	680
4,0	6,0	1,0-2,5	≈ 2,10	1600	1200
4,0	8,0	2,5-5,0	≈ 2,10	1600	1200

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	10,0	5,0-6,5	≈ 2,10	1600	1200
4,0	12,0	6,0-8,0	≈ 2,10	1600	1200
5,0	12,0	4,0-8,5	≈ 2,70	2500	2000
5,0	14,0	8,0-10,0	≈ 2,70	2500	2000
5,0	16,0	10,0-12,0	≈ 2,70	2500	2000

d x L	✉	d x L	✉	d x L	✉
3,0X6MM	500	34200.030.006	4,0X6MM	500	34200.040.006
3,0X8MM	500	34200.030.008	4,0X8MM	500	34200.040.008
3,0X10MM	500	34200.030.010	4,0X10MM	500	34200.040.010
			5,0X12MM	500	34200.050.012

34140 Pop nit OMNI cap înecat Oțel zincat

T05A

Material Oțel
Tratament al suprafeței Zincat



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,0	6,0	1,5-3,0	≈ 1,90	1125	915
3,0	8,0	3,0-5,0	≈ 1,90	1125	915
3,0	10,0	5,0-7,0	≈ 1,90	1125	915
3,0	12,0	7,0-9,0	≈ 1,90	1125	915
3,2	6,0	1,5-3,0	≈ 2,00	1285	1060
3,2	8,0	3,0-5,0	≈ 2,00	1285	1060
4,0	6,0	1,5-2,5	≈ 2,50	1990	1550
4,0	8,0	2,5-4,5	≈ 2,50	1990	1550
4,0	10,0	4,5-6,5	≈ 2,50	1990	1550
4,0	12,0	6,5-8,5	≈ 2,50	1990	1550

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	16,0	10,5-12,5	≈ 2,50	1990	1550
4,8	8,0	2,5-4,5	≈ 2,90	2920	2300
4,8	10,0	4,5-6,0	≈ 2,90	2920	2300
4,8	12,0	6,0-8,0	≈ 2,90	2920	2300
4,8	14,0	8,0-10,0	≈ 2,90	2920	2300
4,8	16,0	10,0-11,5	≈ 2,90	2920	2300
4,8	18,0	11,5-13,5	≈ 2,90	2920	2300
4,8	20,0	13,5-15,5	≈ 2,90	2920	2300
5,0	20,0	13,5-15,0	≈ 2,90	4000	3100
5,0	25,0	17,0-20,0	≈ 2,90	4000	3100

d x L	☒	
3,0X6MM	500	34140.030.006
3,0X8MM	500	34140.030.008
3,0X10MM	500	34140.030.010
3,0X12MM	500	34140.030.012
3,2X6MM	1000	34140.032.006
3,2X8MM	500	34140.032.008
4,0X6MM	500	34140.040.006

d x L	☒	
4,0X8MM	500	34140.040.008
4,0X10MM	500	34140.040.010
4,0X12MM	500	34140.040.012
4,0X14MM	500	34140.040.014
4,0X16MM	500	34140.040.016
4,8X8MM	500	34140.048.008
4,8X10MM	500	34140.048.010
4,8X12MM	200	34140.048.012

d x L	☒	
4,8X14MM	500	34140.048.014
4,8X16MM	500	34140.048.016
4,8X18MM	500	34140.048.018
4,8X20MM	250	34140.048.020
5,0X20MM	250	34140.050.020
5,0X25MM	250	34140.050.025

34184 Pop nit OMNI cap înecat Inox A2

T05A

Material Oțel inoxidabil A2



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	8,0	2,0-4,0	≈ 2,50	3800	3100
4,0	10,0	4,0-6,0	≈ 2,50	3800	3100
4,0	12,0	6,0-8,0	≈ 2,50	3800	3100
4,0	15,0	9,0-11,0	≈ 2,50	3800	3100

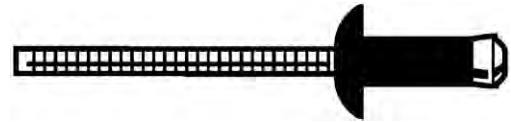
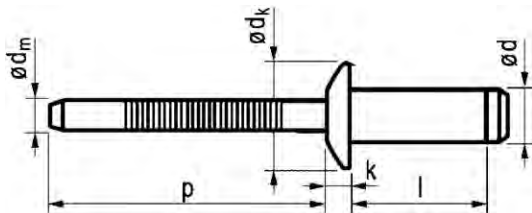
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	8,0	1,5-3,0	≈ 2,90	6000	4500
4,8	10,0	3,0-5,0	≈ 2,90	6000	4500
4,8	12,0	5,0-7,0	≈ 2,90	6000	4500
4,8	15,0	8,0-10,0	≈ 2,90	6000	4500

d x L	☒	
4,0X8MM	500	34184.040.008
4,0X10MM	500	34184.040.010
4,0X12MM	500	34184.040.012

d x L	☒	
4,0X15MM	500	34184.040.015
4,8X8MM	500	34184.048.008

d x L	☒	
4,8X10MM	500	34184.048.010
4,8X12MM	500	34184.048.012
4,8X15MM	500	34184.048.015

Popnit PLUS BULB cap bombat



Date tehnice

Ø d	Burghiu Ø	k	p	Ø d _k
4.8	5.0	2.2	≥32	9.8
6.4	6.6	3.0	≥32	13.0

32635 Pop nit PLUS BULB cap bombat Oțel zincat

T01A

Material Oțel
Tratament al suprafeței Zincat

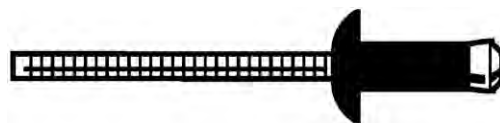
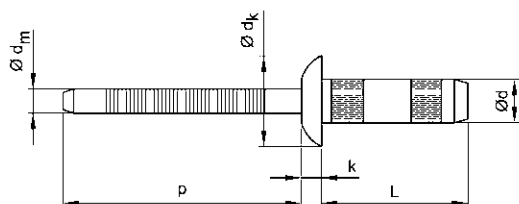


Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	11,5	3,5-6,0	≈ 3,02	3600	3920/6270
4,8	14,0	6,0-8,5	≈ 3,02	3600	3920/6270
6,4	10,5	2,8-4,8	≈ 4,17	6600	5390/11180
6,4	12,5	4,8-6,8	≈ 4,17	6600	5390/11180

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
6,4	14,5	6,8-8,8	≈ 4,17	6600	5390/11180
6,4	16,5	8,8-10,8	≈ 4,17	6600	5390/11180
6,4	18,5	10,8-12,8	≈ 4,17	6600	5390/11180
6,4	20,5	12,8-14,8	≈ 4,17	6600	5390/11180

d x L	☒	d x L	☒	d x L	☒
4,8X11,5MM	500	6,4X10,5MM	250	6,4X16,5MM	200
4,8X14MM	250	6,4X12,5MM	250	6,4X18,5MM	200
		6,4X14,5MM	200	6,4X20,5MM	200

Pop nit PLUS BULB structural cap bombat



Date tehnice

Ø d	Burghiu Ø	k (max.)	p	Ø d _k
3.2	3.3	1.4	>27	6.8
4.0	4.1	1.5	>27	8.0
4.8	4.9	1.5	>27	9.6

Grupe de articole

Material	Cod	Pag.
Oțel	34320	9-65
INOX	34330	9-66

34320 Pop nit PLUS BULB structural cap bombat Oțel

T05A

Material Oțel



Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,6	1,0-3,0	≈ 2,00	1300	1200
3,2	9,2	3,0-5,0	≈ 2,00	1300	1700
3,2	11,5	5,0-7,0	≈ 2,00	1300	2500
4,0	7,5	1,0-3,0	≈ 2,60	2800	3500
4,0	9,5	3,0-5,0	≈ 2,60	2800	3500

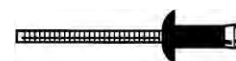
Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	12,5	5,0-7,0	≈ 2,60	2800	3500
4,8	10,0	1,5-3,5	≈ 3,00	3800	4200
4,8	12,0	3,5-6,0	≈ 3,00	3800	4200
4,8	14,3	6,0-8,5	≈ 3,00	3800	4200

d x L	☒	d x L	☒	d x L	☒
3,2X7,0MM	500	4,0X8,0MM	500	4,8X9,0MM	500
3,2X9,0MM	500	4,0X10,0MM	500	4,8X12,0MM	500
3,2X11,0MM	500	4,0X12,0MM	500	4,8X14,0MM	500

34330 Pop nit PLUS BULB structural cap bombat Inox A2

T05A

Material Oțel inoxidabil A2

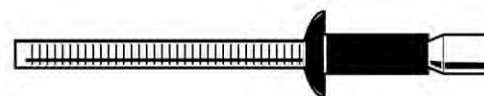
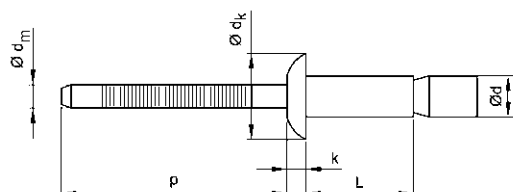


$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,6	1,0-3,0	$\approx 2,10$	2000	1600
3,2	9,2	3,5-5,0	$\approx 2,10$	2000	1700
3,2	11,5	5,0-7,0	$\approx 2,10$	2000	2500
4,0	7,5	1,0-3,0	$\approx 2,60$	4000	4200
4,0	9,5	3,0-5,0	$\approx 2,60$	4000	4200

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	12,5	5,0-7,0	$\approx 2,60$	4000	4200
4,8	10,0	1,5-3,5	$\approx 3,20$	5000	5500
4,8	12,0	3,5-6,0	$\approx 3,20$	5000	5500
4,8	14,3	6,0-8,5	$\approx 3,20$	5000	5500

d x L	☒	d x L	☒	d x L	☒			
3,2X7,0MM	500	34330.032.007	4,0X8,0MM	500	34330.040.008	4,8X9,0MM	500	34330.048.009
3,2X9,0MM	500	34330.032.009	4,0X10,0MM	500	34330.040.010	4,8X12,0MM	500	34330.048.012
3,2X11,0MM	500	34330.032.011	4,0X12,0MM	500	34330.040.012	4,8X14,0MM	500	34330.048.014

Pop nit P-LOCK structural cap bombat



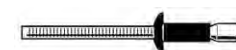
Date tehnice

$\varnothing d$	Burghiu $\varnothing$	k (max.)	p	$\varnothing d_k$
6.4	6.6	2.9	>27	12.7

34350 Pop nit P-LOCK structural cap bombat Oțel

T05A

Material Oțel

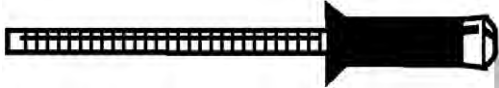
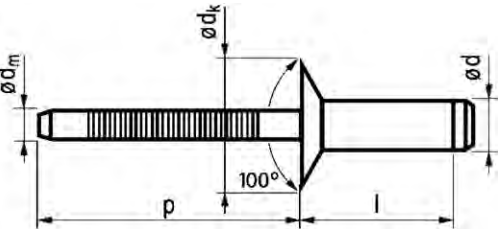


$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
6,4	14,0	2,0-9,5	$\approx 4,00$	10400	11700

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
6,4	20,0	2,0-15,8	$\approx 4,00$	10400	11700

d x L		d x L	
6,4X14MM	250 34350.064.014	6,4X20MM	250 34350.064.020

Popnit PLUS BULB cap înecat



Date tehnice

$\varnothing d$	Burghiu $\varnothing$	k	p	$\varnothing d_k$
6.4	6.6	2.0	≥ 32	10.0

32642 Pop nit PLUS BULB cap înecat oțel zincat

T05A

Material Oțel
Tratament al suprafeței Zincat



$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
6,4	13,5	5,8-7,8	$\approx 4,17$	5490	5390/10300
6,4	15,5	7,8-9,8	$\approx 4,17$	5490	5390/10300

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
6,4	17,5	9,8-11,8	$\approx 4,17$	5490	5390/10300
6,4	19,5	11,8-13,8	$\approx 4,17$	5490	5390/10300

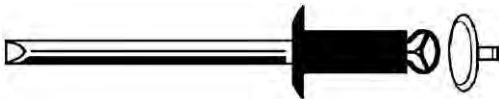
d x L	☒	d x L	☒	d x L	☒
6,4X13,5MM	250	6,4X17,5MM	250	6,4X19,5MM	250
6,4X15,5MM	250				

[32642.064.013](#)
[32642.064.015](#)

[32642.064.017](#)

[32642.064.019](#)

Pop nit cap bombat cu capac galben



Date tehnice

d	Cap nit $\varnothing$
4.8	9.5

72004 Pop nit cap bombat cu capac galben

Y92D

Material Aluminiu

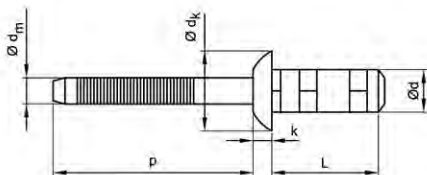


d x L	☒
4,8X15,5MM	100

[72004.048.015](#)

Pop nit MULTI cu cap bombat

DIN ≈7337 A



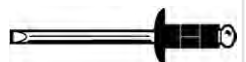
Date tehnice

Ø d	Burghiu Ø	k (max.)	p	Ø d _k
3.2	3.3	1.02	>27	6.4
4.0	4.1	1.27	>27	7.9
4.8	4.9	1.52	>27	9.5

33900 Pop nit MULTI cap bombat Inox A2

T05A

Material Oțel

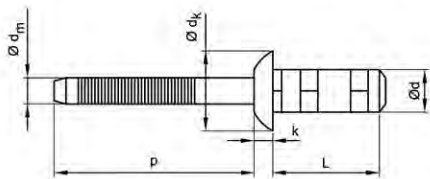


Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	11,4	1,6-6,4	≈ 2,05	1400	1100
4,0	12,0	1,6-6,4	≈ 2,65	2100	1800
4,0	13,6	3,2-8,0	≈ 2,65	2100	1800

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	12,7	1,6-6,4	≈ 3,00	3100	2600
4,8	14,3	3,2-8,0	≈ 3,00	3100	2600
4,8	19,3	8,0-12,7	≈ 3,00	3100	2600

d x L	✉		d x L	✉		d x L	✉	
3,2X11MM	500	33900.032.011	4,0X13MM	500	33900.040.013	4,8X14MM	500	33900.048.014
4,0X12,5MM	500	33900.040.012	4,8X12,7MM	500	33900.048.012	4,8X19MM	500	33900.048.019

Pop nit MULTI cu cap bombat, tip B



Date tehnice

Ø d	Burghiu Ø	k (max.)	p	Ø d _k
3.2	3.3	1.02	>27	6.4
4.0	4.1	1.27	>27	7.9
4.8	4.9	1.52	>27	9.5

34185 Pop nit MULTI cap bombat Inox A2

T05A

Material Oțel inoxidabil A2



Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	9,9	1,0-4,8	≈ 2,20	2000	1700
4,0	12,0	1,6-6,4	≈ 2,70	3200	2900
4,0	13,6	3,2-8,0	≈ 2,70	3200	2900
4,0	16,8	6,4-11,2	≈ 2,70	3200	2900

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	12,7	1,6-6,4	≈ 3,10	4800	4100
4,8	14,3	3,2-8,0	≈ 3,10	4800	4100
4,8	17,5	6,5-10,0	≈ 3,10	4800	4100
4,8	19,3	8,0-12,5	≈ 3,10	4800	4100

d x L	☒	d x L	☒	d x L	☒
3,2X10MM	500	4,0X16MM	500	4,8X14MM	500
				4,8X17,5MM	500
4,0X12MM	500	4,8X12,7MM	500	4,8X19MM	500
4,0X13MM	500				

[34185.032.010](#)

[34185.040.016](#)

[34185.048.014](#)

[34185.040.012](#)

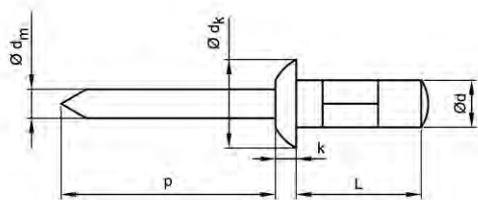
[34185.048.012](#)

[34185.048.017](#)

[34185.040.013](#)

[34185.048.019](#)

Pop nit MULTI cu cap bombat



Date tehnice

Ø d	Burghiu Ø	k	p	Ø d _k
3.2	3.3	≤ 1.4	≥ 27	6.0
4.0	4.1	≤ 1.7	≥ 27	8.0
4.8	4.9	≤ 2.0	≥ 27	9.5

Grupe de articole

Material		Cod	Pag.
Al AIMg 2,5	Al-Oțel zincat	34125	9-70
Al AIMg 5	Al-Inox A2	34205	9-70

34125 Pop nit MULTI cap bombat Aluminiiu

T05A

Material Aluminiiu AIMg 2,5



Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	8,0	0,5-5,0	≈ 1,78	980	680
3,2	9,5	2,0-6,5	≈ 1,78	980	680
3,2	11,1	3,5-8,0	≈ 1,78	980	680
4,0	9,5	1,0-6,0	≈ 2,18	1600	1150
4,0	12,7	4,0-9,5	≈ 2,18	1600	1150

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	17,0	8,5-13,5	≈ 2,18	1600	1150
4,8	10,3	0,5-5,5	≈ 2,78	2350	1500
4,8	15,1	5,0-10,5	≈ 2,78	2350	1500
4,8	17,0	7,0-12,0	≈ 2,78	2350	1500
4,8	24,8	14,5-19,5	≈ 2,78	2350	1500

d x L	✉	d x L	✉	d x L	✉
3,2X8MM	500	4,0X9,5MM	500	4,8X10,3MM	500
3,2X9,5MM	500	4,0X12,7MM	500	4,8X15,1MM	250
3,2X11,1MM	500	4,0X17MM	500	4,8X17MM	500
				4,8X24,8MM	500

34205 Pop nit MULTI cap bombat Aluminiiu

T05A

Material Aluminiiu AIMg 5



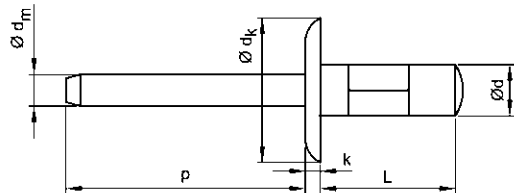
Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	8,0	0,5-5,0	≈ 1,78	980	680
3,2	9,5	2,0-6,5	≈ 1,78	980	680
3,2	11,1	3,5-8,0	≈ 1,78	980	680
4,0	9,5	1,0-6,0	≈ 2,18	1600	1150
4,0	12,7	4,0-9,5	≈ 2,18	1600	1150

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	17,0	8,5-13,5	≈ 2,18	1600	1150
4,8	10,3	0,5-5,5	≈ 2,78	2350	1500
4,8	15,1	5,0-10,5	≈ 2,78	2350	1500
4,8	17,0	7,0-12,0	≈ 2,78	2350	1500
4,8	24,8	14,5-19,5	≈ 2,78	2350	1500

d x L	✉	d x L	✉	d x L	✉
3,2X8,0MM	500	3,2X11,1MM	500	4,0X9,5MM	500
3,2X9,5MM	500			4,0X12,7MM	500

34205 Pop nit MULTI cap bombat Aluminiiu							←
d x L	✉		d x L	✉		d x L	✉
4,0X16,9MM	500	34205.040.016	4,8X10,3MM	500	34205.048.010	4,8X16,9MM	500
			4,8X15,1MM	500	34205.048.015	4,8X24,8MM	250
							34205.048.024

Pop nit MULTI cu cap mare



Date tehnice

Ø d	Burghiu Ø	k (max.)	p	Ø d_k
4.8	4.9	2.5	>27	16.0

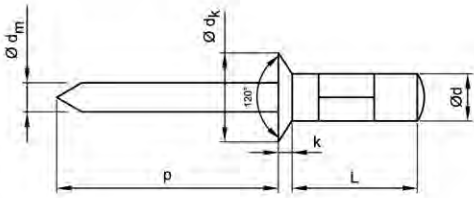
34250	Pop nit MULTI cap mare Aluminiiu	T05A
Material	Aluminiiu AlMg 3	
		

Ø d	l		Ø d_m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	10,0	0,5-5,0	≈ 2,78	2350	1500
4,8	10,3	0,5-5,5	≈ 2,78	2350	1500
4,8	12,0	2,0-7,0	≈ 2,78	2350	1500
4,8	14,0	4,0-9,0	≈ 2,78	2350	1500
4,8	16,0	6,0-11,0	≈ 2,78	2350	1500
4,8	17,0	7,0-12,0	≈ 2,78	2350	1500

Ø d	l		Ø d_m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	18,0	8,0-13,0	≈ 2,78	2350	1500
4,8	20,0	10,0-15,0	≈ 2,78	2350	1500
4,8	22,0	12,0-17,0	≈ 2,78	2350	1500
4,8	24,0	14,0-19,0	≈ 2,78	2350	1500
4,8	24,8	14,5-19,5	≈ 2,78	2350	1500
4,8	27,0	16,0-22,0	≈ 2,78	2350	1500

d x L	✉		d x L	✉		d x L	✉
4,8X10X16MM	250	34250.048.010	4,8X16X16MM	250	34250.048.016	4,8X22X16MM	250
4,8X10,3X16MM	250	34250.048.011	4,8X17X16MM	250	34250.048.017	4,8X24X16MM	250
4,8X12X16MM	250	34250.048.012	4,8X18X16MM	250	34250.048.018	4,8X24,8X16MM	250
4,8X14X16MM	250	34250.048.014	4,8X20X16MM	250	34250.048.020	4,8X27X16MM	250
							34250.048.027

Pop-nit MULTI cu cap înecat



Date tehnice

Ø d	Burghiu Ø	p	Ø d _k
3.2	3.3	>27	6.0
4.0	4.1	>27	8.0
4.8	4.9	>27	9.5

34128 Pop-nit MULTI cu cap înecat Aluminiiu

T05A

Material Aluminiiu AlMg 5

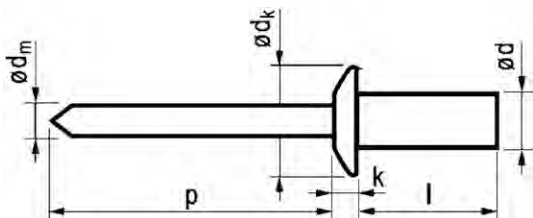


Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	8,0	1,5-5,0	≈ 1,78	980	680
3,2	9,7	2,5-6,5	≈ 1,78	980	680
3,2	10,0	2,5-7,0	≈ 1,78	980	680
3,2	12,0	4,5-9,0	≈ 1,78	980	680
4,0	8,0	1,5-4,5	≈ 2,18	1600	1150
4,0	10,0	1,5-6,5	≈ 2,18	1600	1150
4,0	11,3	2,5-7,5	≈ 2,18	1600	1150

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	12,0	3,5-8,5	≈ 2,18	1600	1150
4,0	14,0	5,5-10,5	≈ 2,18	1600	1150
4,8	10,0	1,5-5,0	≈ 2,78	2350	1500
4,8	12,0	2,0-7,0	≈ 2,78	2350	1500
4,8	14,0	4,0-9,0	≈ 2,78	2350	1500
4,8	16,0	6,0-11,0	≈ 2,78	2350	1500
4,8	16,9	7,0-12,0	≈ 2,78	2350	1500

d x L	☒		d x L	☒		d x L	☒	
3,2X8MM	500	34128.032.008	4,0X10MM	500	34128.040.010	4,8X12MM	500	34128.048.012
3,2X9,7MM	500	34128.032.009	4,0X11,3MM	500	34128.040.011	4,8X14MM	500	34128.048.014
3,2X10MM	500	34128.032.010	4,0X12MM	500	34128.040.012	4,8X16MM	500	34128.048.016
3,2X12MM	500	34128.032.012	4,0X14MM	500	34128.040.014	4,8X16,9MM	500	34128.048.017
4,0X8MM	500	34128.040.008	4,8X10MM	500	34128.048.010			

Pop nit închis cu cap bombat



Date tehnice

$\varnothing d$	Burghiu $\varnothing$	k	p	$\varnothing d_k$
3.2	3.3	≤ 1.4	≥ 27	6.0
4.0xk 1.4	4.1	1.4	≥ 27	8.0
4.0xk ≤ 1.7	4.1	≤ 1.7	≥ 27	8.0
4.8xk 1.7	4.9	1.7	≥ 27	9.5
4.8xk ≤ 2.0	4.9	≤ 2.0	≥ 27	9.5
6.4	6.5	≤ 2.5	≥ 27	12.7

Grupe de articole

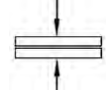
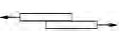
Material	Tratament al suprafeței	Cod	Pag.
Al AlMg 5		Alum-Oțel	33610
Al AlMg 5		Al-Inox A2	33650
Al Al 99,5		Alum-Alum	33600
Oțel	Zn	Oțel zn-Oțel zn	33695
INOX A2		Inox A2- Inox A2	33670

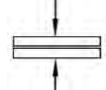
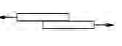
33610 Pop nit SIGMA închis cap bombat

T03A

Material Aluminu AlMg 5



$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,5	0,5-2,0	$\approx 1,70$	1250	1070
3,2	8,0	2,0-3,5	$\approx 1,70$	1250	1070
3,2	9,5	3,5-5,0	$\approx 1,70$	1250	1070
3,2	10,7	5,0-6,5	$\approx 1,70$	1250	1070
3,2	12,7	6,5-8,0	$\approx 1,70$	1250	1070
4,0	8,0	0,5-3,5	$\approx 2,18$	2240	1700
4,0	9,5	3,5-4,5	$\approx 2,18$	2240	1700
4,0	11,0	4,5-6,0	$\approx 2,18$	2240	1700
4,0	12,7	6,0-7,5	$\approx 2,18$	2240	1700
4,8	8,0	1,0=3,0	$\approx 2,63$	3100	2200

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	9,5	3,0-4,5	$\approx 2,63$	3100	2200
4,8	11,0	4,5-6,0	$\approx 2,63$	3100	2200
4,8	12,5	6,0-7,5	$\approx 2,63$	3100	2200
4,8	14,0	7,5-9,0	$\approx 2,63$	3100	2200
4,8	16,0	9,0-11,0	$\approx 2,63$	3100	2200
4,8	18,0	11,0-13,0	$\approx 2,63$	3100	2200
4,8	21,0	13,0-16,0	$\approx 2,63$	3100	2200
6,4	12,5	1,5-6,0	$\approx 3,70$	4900	3950
6,4	16,0	6,0-8,0	$\approx 3,70$	4900	3950

d x L	☒	d x L	☒	d x L	☒
3,2X6,5MM	500	4,0X11MM	500	4,8X14MM	500
3,2X8MM	500	4,0X12,5MM	500	4,8X16MM	500
3,2X9,5MM	500			4,8X18MM	500
3,2X10MM	500	4,8X8MM	500	4,8X21MM	500
3,2X12,5MM	500	4,8X9,5MM	500		
		4,8X11MM	500	6,4X12,5MM	250
4,0X8MM	500	4,8X12MM	500	6,4X16MM	250
4,0X9,5MM	500				

Material	Aluminių AlMg 5
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$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,5	0,5-2,0	$\approx 1,70$	1250	1070
3,2	8,0	2,0-3,5	$\approx 1,70$	1250	1070
3,2	9,5	3,5-5,0	$\approx 1,70$	1250	1070
3,2	11,0	5,0-6,5	$\approx 1,70$	1250	1070
3,2	12,7	6,5-8,0	$\approx 1,70$	1250	1070
4,0	8,0	0,5-3,5	$\approx 2,18$	2240	1700
4,0	9,5	3,5-4,5	$\approx 2,18$	2240	1700
4,0	11,0	4,5-6,5	$\approx 2,18$	2240	1700
4,0	12,7	6,5-8,0	$\approx 2,18$	2240	1700

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	8,0	1,0-3,0	$\approx 2,63$	3100	2200
4,8	9,5	3,0-4,5	$\approx 2,63$	3100	2200
4,8	11,0	4,5-6,0	$\approx 2,63$	3100	2200
4,8	12,5	6,0-7,5	$\approx 2,63$	3100	2200
4,8	14,0	7,5-9,0	$\approx 2,63$	3100	2200
4,8	16,0	9,0-11,0	$\approx 2,63$	3100	2200
4,8	18,0	11,0-13,0	$\approx 2,63$	3100	2200
4,8	21,0	13,0-16,0	$\approx 2,63$	3100	2200

d x L	✉		d x L	✉		d x L	✉	
3,2X6,5MM	1000	33650.032.006	4,0X9,5MM	500	33650.040.009	4,8X11MM	500	33650.048.011
3,2X8MM	500	33650.032.008	4,0X11MM	500	33650.040.011	4,8X12,5MM	500	33650.048.012
3,2X9,5MM	500	33650.032.009	4,0X12,5MM	500	33650.040.012	4,8X14MM	250	33650.048.014
3,2X11MM	500	33650.032.011				4,8X16MM	500	33650.048.016
3,2X12,5MM	500	33650.032.012	4,8X8MM	500	33650.048.008	4,8X18MM	500	33650.048.018
			4,8X9,5MM	500	33650.048.009	4,8X21MM	500	33650.048.021
4,0X8MM	500	33650.040.008						

T03A

Material	Aluminiu Al 99,5
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$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	8,0	0,5-3,5	$\approx 1,80$	460	450
3,2	9,5	3,5-5,5	$\approx 1,80$	460	450
4,0	9,5	0,5-5,0	$\approx 2,20$	820	580
4,0	12,5	5,0-8,0	$\approx 2,20$	820	580

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	9,5	1,0-4,5	$\approx 2,65$	1120	900
4,8	11,5	4,5-6,5	$\approx 2,65$	1120	900
4,8	14,5	6,5-9,5	$\approx 2,65$	1120	900
4,8	18,0	9,5-13,0	$\approx 2,65$	1120	900

d x L	✉		d x L	✉		d x L	✉	
3,2X8MM	500	33600.032.008	4,0X12,5MM	500	33600.040.012	4,8X11,5MM	500	33600.048.011
3,2X9,5MM	500	33600.032.009				4,8X14,5MM	250	33600.048.014
4,0X9,5MM	500	33600.040.009	4,8X9,5MM	500	33600.048.009	4,8X18MM	500	33600.048.018

33695 Pop nit SIGMA închis cap bombat Oțel zincat
T03A

Material Oțel
Tratament al suprafeței Zincat



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	6,0	0,5-1,5	≈ 2,30	2500	2300
4,0	8,0	1,5-3,0	≈ 2,30	2500	2300
4,0	12,0	5,0-6,5	≈ 2,30	2500	2300
4,0	15,0	6,5-10,5	≈ 2,30	2500	2300

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	8,0	1,0-3,0	≈ 2,90	3800	2900
4,8	12,0	5,0-6,5	≈ 2,90	3800	2900
4,8	16,0	6,5-10,5	≈ 2,90	3800	2900

d x L	☒	
4,0X6MM	500	33695.040.006
4,0X8MM	500	33695.040.008
4,0X12MM	500	33695.040.012

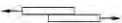
d x L	☒	
4,0X15MM	500	33695.040.015
4,8X8MM	500	33695.048.008

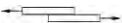
d x L	☒	
4,8X12MM	500	33695.048.012
4,8X16MM	500	33695.048.016

33670 Pop nit SIGMA închis cap bombat Inox A2
T03A

Material Oțel inoxidabil A2



ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	6,0	0,5-1,5	≈ 1,90	2500	2000
3,2	8,0	1,5-3,0	≈ 1,90	2500	2000
3,2	9,5	3,0-5,0	≈ 1,90	2500	2000
3,2	12,0	5,0-7,0	≈ 1,90	2500	2000
4,0	6,0	0,5-1,5	≈ 2,30	4000	3000
4,0	8,0	1,5-3,0	≈ 2,30	4000	3000
4,0	9,5	3,0-5,0	≈ 2,30	4000	3000

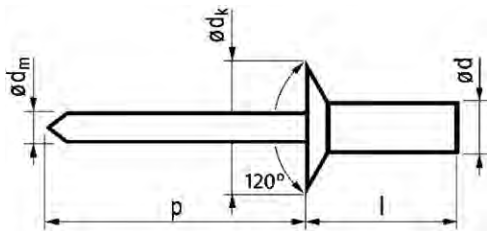
ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	12,0	5,0-6,5	≈ 2,30	4000	3000
4,0	16,0	6,5-10,5	≈ 2,30	4000	3000
4,8	8,0	1,0-3,0	≈ 2,90	5500	4500
4,8	9,5	3,0-5,0	≈ 2,90	5500	4500
4,8	12,0	5,0-6,5	≈ 2,90	5500	4500
4,8	16,0	6,5-10,5	≈ 2,90	5500	4500

d x L	☒	
3,2X6MM	500	33670.032.006
3,2X8MM	500	33670.032.008
3,2X9MM	500	33670.032.009
3,2X12MM	500	33670.032.012

d x L	☒	
4,0X6MM	500	33670.040.006
4,0X8MM	500	33670.040.008
4,0X9MM	500	33670.040.009
4,0X12MM	500	33670.040.012
4,0X16MM	500	33670.040.016

d x L	☒	
4,8X8MM	500	33670.048.008
4,8X9MM	500	33670.048.009
4,8X12MM	500	33670.048.012
4,8X16MM	500	33670.048.016

Pop nit închis cu cap înecat



Date tehnice

$\varnothing d$	Burghiu $\varnothing$	p	$\varnothing d_k$
3.2	3.3	≥ 27	6.0
4.0	4.1	≥ 27	7.5
4.8	4.9	≥ 27	9.0

33620 Pop nit SIGMA închis cu cap înecat Aluminiu

T03A

Material Aluminiu AlMg 5

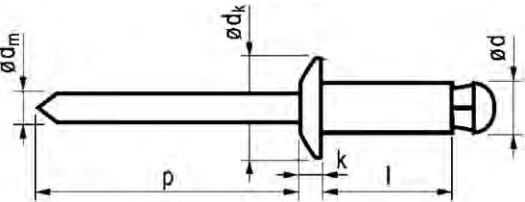


$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	7,5	1,5-3,5	$\approx 1,70$	1245	1070
3,2	9,0	3,0-5,0	$\approx 1,70$	1245	1070
3,2	10,5	4,5-6,5	$\approx 1,70$	1245	1070
3,2	12,0	6,0-7,5	$\approx 1,70$	1245	1070
4,0	9,5	3,0-5,0	$\approx 2,20$	2240	1710
4,0	11,0	4,5-6,5	$\approx 2,20$	2240	1710
4,0	12,5	6,0-8,0	$\approx 2,20$	2240	1710

$\varnothing d$	l		$\varnothing d_m$		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	9,5	2,5-4,5	$\approx 2,65$	3070	2230
4,8	11,0	4,0-6,0	$\approx 2,65$	3070	2230
4,8	12,5	5,5-7,5	$\approx 2,65$	3070	2230
4,8	14,0	7,0-9,0	$\approx 2,65$	3070	2230
4,8	15,5	8,5-10,5	$\approx 2,65$	3070	2230
4,8	19,0	12,0-14,0	$\approx 2,65$	3070	2230

d x L	☒	d x L	☒	d x L	☒
3,2X7,5MM	500	4,0X9,5MM	500	4,8X11MM	500
3,2X9,5MM	500	4,0X11MM	500	4,8X12,5MM	500
3,2X10,5MM	500	4,0X12,5MM	500	4,8X14MM	500
3,2X12MM	500			4,8X15,5MM	500
		4,8X9,5MM	250	4,8X19,5MM	250

Pop nit expandabil cu cap bombat



Date tehnice

ø d	Burghiu ø	k	p	ø d _k
3.2	3.7	1	≥27	6.5
4.0	4.5	1.2	≥27	8.0
4.8	5.3	1.4	≥27	9.0

33410 Pop nit EXPO cap bombat Aluminiu

T03A

Material Aluminiu AlMg 3,5

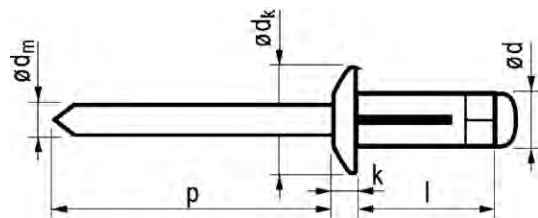


ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
3,2	10,0	1,0-3,0	≈ 1,80	750	820
3,2	16,0	7,0-9,0	≈ 1,80	750	820
3,2	18,0	9,0-11,0	≈ 1,80	750	820
4,0	10,0	1,5-5,0	≈ 2,10	1140	1280
4,0	16,0	8,0-11,0	≈ 2,10	1140	1280
4,0	18,0	10,0-13,0	≈ 2,10	1140	1280
4,8	10,0	1,5-4,0	≈ 2,70	2450	2100

ø d	l		ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	14,0	4,0-8,0	≈ 2,70	2450	2100
4,8	18,0	8,0-12,0	≈ 2,70	2450	2100
4,8	22,0	12,0-16,0	≈ 2,70	2450	2100
4,8	25,0	16,0-19,0	≈ 2,70	2450	2100
4,8	30,0	19,0-24,0	≈ 2,70	2450	2100
4,8	35,0	24,0-29,0	≈ 2,70	2450	2100

d x L	☒	d x L	☒	d x L	☒
3,2X10MM	500	4,0X16MM	500	4,8X18MM	500
3,2X16MM	500	4,0X18MM	500	4,8X22MM	500
3,2X18MM	500			4,8X25MM	250
		4,8X10MM	500	4,8X30MM	250
4,0X10MM	500	4,8X14MM	500	4,8X35MM	250

Pop nit expandabil cu cap bombat



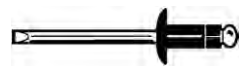
Date tehnice

Ø d	Burghiu Ø	k	p	Ø d _k
4.0	4.2	≤ 1.7	≥ 27	8.0
4.8	5.0	≤ 2.0	≥ 27	9.6

34121 Pop nit TRIPO cap bombat Aluminiu

T05A

Material Aluminiu AlMg 3



Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,0	13,6	1,0-3,0	≈ 2,50	800	500
4,0	18,8	3,0-7,0	≈ 2,50	800	500
4,8	15,3	1,0-3,0	≈ 2,90	1100	800

Ø d	l		Ø d _m		
(mm)	(mm)	(mm)	(mm)	(N)	(N)
4,8	20,5	3,0-9,0	≈ 2,90	1100	800
4,8	24,5	5,0-12,0	≈ 2,90	1100	800

d x L	☒	d x L	☒	d x L	☒
4,0X13MM	500	34121.040.013		4,8X20MM	250
4,0X18MM	500	34121.040.018		4,8X24MM	250
		4,8X15MM	500	34121.048.015	
				34121.048.020	
				34121.048.024	

Unelte de montare pop-nituri



	ø 2,4			ø 3,0 - 3,2			ø 4,0			ø 4,8 - 5,0			ø 6,0 - 6,4		
	Alum	Oțel	Inox	Alum	Oțel	Inox	Alum	Oțel	Inox	Alum	Oțel	Inox	Alum	Oțel	Inox
F 80															
F 150															
F 260															
FEZ1000															
FEZ2000															

 opțiune suplimentară
 capacitate recomandată

Grupe de articole

Cod	Pag.
35145	9-79
35760	9-79

35145 Clești pentru montare pop nituri T90A



Tip			
F80	1	35145.080.001	• Sculă profesională de nituire pop-nituri. • Este posibilă și folosirea cu o singură mână. • Capacitate: ø3,0 - 6,4 mm. • Greutate: 2,2 kg. • Lungime: 310 mm (închis) - 830 mm (deschis). • Materialul corpului: aluminiu. • Materialul mânerului: oțel • Accesorii: mandrine de montaj pentru ø3,0 - 6,4 mm.
F150 B	1	35145.150.001	• Unealtă profesională pentru operații de nituire ușoare și mici. • Echipat cu un arc de deschidere. • Capacitate: ø2,4 - 5,0 mm. • Greutate: 0,7 kg. • Dimensiuni: 255 mm. • Corp: Aluminiu. • Măner: Oțel. • Echipament: Capete ø3,0 - 5,0 mm.
F260	1	35145.260.001	• Unealtă de nituire cu braț lung pentru operații grele, reglabilă, permițând ca punctul de rupere să fie poziționat ideal. • Capacitate: ø3,0 - 6,4 mm. • Greutate: 1,8 kg. • Dimensiuni: 500 mm. • Corp: Plastic părți de oțel. • Măner: Oțel. • Echipament: Capete ø3,0 - 6,4 mm.



35760 Scule pneumatice pentru montare pop-nituri T91A



Tip			
FEZ 1000	1	35760.100.001	• Unealtă de nituire de noua generație hidraulică/pneumatică cu extracție, colector la mandrina și suport de suspendare. • Capacitate: ø3,0 - 5,0 mm. • Greutate: 1,25 kg. • Dimensiuni: 264 x 272 x 102 mm. • Cursă: 17,0 mm. • Presiune necesară: 5-7 Bar. • Forță de tracțiune (6 Bar): 7,3 kN. • Echipament: Capete ø3,0 - 5,0 mm.



35760 Scule pneumatice pentru montare pop-nituri			
Tip FEZ 2000	1	35760.200.001	• Unealtă de nituire de noua generație hidraulică/pneumatică cu extracție, colector la mandrină și suport de suspendare. • Capacitate: Ø4,0 - 6,4 mm. • Greutate: 1,65 kg. • Dimensiuni: 275 x 272 x 125mm. • Cursă: 21,0 mm. • Presiune necesară: 5-7 Bar. • Forță de tracțiune (6 Bar): 12,5 kN. • Echipament: Capete Ø4,0 - 6,4 mm.



Set complet Pop-nituri



35146 Set complet Pop-nituri		T90A	



Mărime			
F150BS	1	35146.150.001	• Sculă pop-nituri pentru asamblări medii. • 8 dimensiuni pop-nituri de la Ø 3,2 mm la Ø 4,8 mm.

