

TECHNISCHE SPECIFICATIES

BEVESTIGINGS MIDDELEN



Ratering
technische groothandel

AANDRAAIMOMENTEN EN VOORSPANKRACHTEN*

METRISCH	VOORSPANKRACHT (IN N)			AANDRAAIMOMENT (IN NM)		
	8.8	10.9	12.9	8.8	10.9	12.9
M4	4.300	6.300	7.400	3,3	4,8	5,6
M5	7.000	10.300	12.000	6,5	9,5	11,2
M6	9.900	14.500	17.000	11,3	16,5	19,3
M7	14.400	21.100	24.700	18,7	27,5	32,2
M8	18.100	26.600	31.100	27,3	40,1	46,9
M10	28.800	42.200	49.400	54	79	93
M12	41.900	61.500	72.000	93	137	160
M14	57.500	84.400	98.800	148	218	255
M16	78.800	115.700	135.400	230	338	395
M18	99.000	141.000	165.000	329	469	549
M20	127.000	181.000	212.000	464	661	773
M24	183.000	260.000	305.000	798	1136	1329
M27	240.000	342.000	400.000	1176	1674	1959
M30	292.000	416.000	487.000	1597	2274	2662
M33	363.000	517.000	605.000	2161	3078	3601
M36	417.000	608.000	711.000	2778	3957	4631
M39	512.000	729.000	853.000	3597	5123	5994

* De genoemde waarden zijn richtwaarden.
Zij zijn van toepassing bij grove/normale schroefdraad,
wrijvingscoëfficiënt μ 0.14

INWENDIG SCHROEFDRAAD

d	snelheid	M	MF	gangen per inch	BSP	BSW	BSF	UNC	UNF	NPT
		(metrisch)	(fijn)		tophoek 55°			tophoek 60°		
1,473				72					nr. 1	
1,567	0,4	2								
1,694				56				nr. 2		
1,755				64					nr. 2	
1,941				48				nr. 3		
2,013	0,45	2,5								
2,024				56					nr. 3	
2,156				40				nr. 4		
2,261	0,35		3,0							
2,271				48					nr. 4	
2,459	0,5	3								
2,487				40				nr. 5		
2,550				44					nr. 5	
2,647				32				nr. 6		
2,817				40					nr. 6	
2,850	0,6	3,5								
3,242	0,7	4								
3,307				32				nr. 8		
3,401				36					nr. 8	
3,406				24	3/16					
3,459	0,5		4,0							
3,680				24				nr. 10		
3,688	0,75	4,5								
3,747				32		3/16				
3,967				32					nr. 10	
4,134	0,8	5								
4,341				24				nr. 12		
4,394				28		7/32				
4,459	0,5		5,0							
4,503				28					nr. 12	
4,724				20	1/4					
4,917	1	6								
4,976				20				1/4		
5,100				26		1/4				
5,188	0,75		6,0							
5,367				28					1/4	
6,129				18	5/16					
6,137				27						1/16
6,188	0,75		7,0							
6,411				18				5/16		
6,459				22		5/16				
6,647	1,25	8								
6,792				28					5/16	
6,917	1,0		8,0							
7,188	0,75		8,0							

d	snelheid	M	MF	gangen per inch	BSP	BSW	BSF	UNC	UNF	NPT
		(metrisch)	(fijn)		tophoek 55°			tophoek 60°		
7,493				16		3/8				
7,805				16				3/8		
7,899				20			3/8			
7,917	1,0		9,0							
8,376	1,5	10								
8,379				24					3/8	
8,481				27						1/8
8,542				18			7/16			
8,566				28	1/8					
8,647	1,25		10,0							
8,791				14		7/16				
8,917	1,0		10,0							
9,149				14				7/16		
9,188	0,75		10,0							
9,738				20					7/16	
9,917	1,0		11,0							
9,987				12		1/2				
10,106	1,75	12								
10,376	1,5		12,0							
10,584				13				1/2		
10,647	1,25		12,0							
10,668				16			1/2			
10,917	1,0		12,0							
10,996				18						1/4
11,326				20					1/2	
11,445				19	1/4					
11,575				12		9/16				
11,835	2	14								
11,996				12				9/16		
12,256				16			9/16			
12,376	1,5		14,0							
12,647	1,25		14,0							
12,761				18					9/16	
12,917	1,0		14,0							
12,918				11		5/8				
13,376				11				5/8		
13,376	1,5		15,0							
13,553				14			5/8			
13,835	2	16								
13,917	1,0		15,0							
14,348				18					5/8	
14,376	1,5		16,0							
14,417				18						3/8
14,917	1,0		16,0							
14,950				19	3/8					

INWENDIG SCHROEFDRAAD

d	snelheid	M	MF	gangen per inch	BSP	BSW	BSF	UNC	UNF	NPT
		(metrisch)	(fijn)		tophoek 55°			tophoek 60°		
15,141				14			11/16			
15,294	2,5	18								
15,799				10		3/4				
15,835	2,0		18,0							
16,299				10				3/4		
16,337				12		3/4				
16,376	1,5		18,0							
16,917	1,0		18,0							
17,294	2,5	20								
17,330				16				3/4		
17,813				14					1/2	
17,835	2,0		20,0							
18,376	1,5		20,0							
18,613				9		7/8				
18,631				14	1/2					
18,917	1,0		20,0							
19,169				9				7/8		
19,268				11		7/8				
19,294	2,5	22								
19,835	2,0		22,0							
20,262				14					7/8	
20,376	1,5		22,0							
20,752	3	24								
20,917	1,0		22,0							
21,336				8		1				
21,835	2,0		24,0							
21,963				8				1		
22,149				10			1			
22,376	1,5		24,0							
22,917	1,0		24,0							
23,109				12					1	
23,127				14						3/4
23,376	1,5		25,0							
23,752	3	27								
23,917	1,0		25,0							
23,927				7		1.1/8				
24,117				14	3/4					
24,376	1,5		26,0							
24,648				7				1.1/8		
24,835	2,0		27,0							
24,963				9		1.1/8				
25,376	1,5		27,0							
26,211	3,5	30								
26,284				12					1.1/8	
26,376	1,5		28,0							

d	snelheid	M	MF	gangen per inch	BSP	BSW	BSF	UNC	UNF	NPT
		(metrisch)	(fijn)		tophoek 55°			tophoek 60°		
27,102				7		1.1/4				
27,823				7				1.1/4		
27,835	2,0		30,0							
28,138				9			1.1/4			
28,376	1,5		30,0							
29,060				11,5						1
29,211	3,5	33								
29,459				12					1.1/4	
30,291				11	1					
30,343				6				1.3/8		
30,376	1,5		32,0							
30,835	2,0		33,0							
30,861				8			1.3/8			
31,670	4	36								
32,634				12					1.3/8	
32,680				6		1.1/2				
32,752	3,0		36,0							
33,376	1,5		35,0							
33,518				6				1.1/2		
33,835	2,0		36,0							
34,036				8			1.1/2			
34,376	1,5		36,0							
34,670	4	39								
35,752	3,0		39,0							
35,809				12					1.1/2	
36,376	1,5		38,0							
37,129	4,5	42								
37,211				8			1.5/8			
37,785				11,5						1.1/4
37,943				5		1.3/4				
38,376	1,5		40,0							
38,951				5				1.3/4		
38,952				11	1.1/4					
39,802				7		1.3/4				
40,129	4,5	45								
40,376	1,5		42,0							
42,587	5	48								
43,376	1,5		45,0							
43,571				4.1/2		2				
43,853				11,5						1.1/2
44,689				4,5				2		
44,845				11	1.1/2					
46,152				7			2			
48,376	1,5		50,0							