

Execution:

drop forged, without cracks and wrinkles, acc. DIN EN 10243-1, ready processed

Thread:

according to DIN ISO 13-1, tolerance 6g, also possible in UN or UNC

Allowable stresses:

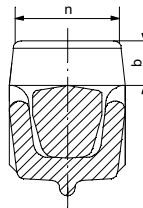
see page 119 and 120

Certification:

according AD-2000: A5, Anl. 2, W2, W7, W10

Certificate:

according to DIN EN 10204-3.1, DIN EN 10204-3.2 and ASME-Code possible



Material*	Equipment
1.4571	with plain washer
1.7225 (M12 - M33)	spherical-** or plain washer
Gr. B8M, class 1	with plain washer
Gr. B7	spherical-** or plain washer

Type D	Clamping length M	Length L	Width B	Dimensions							Wight kg/St.								
				d2	b	c	d	g	h	n									
M10-K	26 - 31	83	25	8	9,5	3	6	15	27	20	0,2								
M10-L	25 - 40	92										14	0,2						
M10-LS	73 - 90	142																	
M12-L	32 - 60	133	34	10	12	4	8	16	38	30	0,5								
M12-L2	59 - 87	160										0,6							
M16-K	48 - 68	165	40	14	18	5	12	25	58	32	1,1								
M16-L	62 - 95	190										1,2							
M16-L2	86 - 116	215											1,3						
M16-LS	104 - 134	235												1,4					
M20-K	60 - 85	195	48	16	19	5	14	30	73	42	2,0								
M20-L	76 - 101	210										2,0							
M20-L2	100 - 138	250											2,2						
M24-K	74 - 102	230	52	20	23	5	14	30	78	46	2,7								
M24-L	95 - 138	265										3,0							
M24-L2	122 - 172	295											3,2						
M24-LS	158 - 208	330												3,4					
M24-LT***	202 - 252	375													3,7				
M24-LU***	247 - 297	420														4,3			
M24-LX	292 - 342	465															4,8		
M27-K	92 - 120	290															63	24	27
M27-L	115 - 155	325	5,0																
M27-L2	150 - 202	375		5,5															
M27-L3	212 - 262	435			6,2														
M27-L4***	263 - 307	480				6,7													
M27-L5***	318 - 362	535					7,4												
M27-LS	352 - 392	565						7,7											
M27-LT***	393 - 437	610							8,6										
M27-LX	443 - 487	680								9,5									
M30-K	92 - 120	290								63	24	27	6	14	40	85			
M30-L	115 - 155	325	5,0																
M30-L2	150 - 202	375		5,5															
M30-L3	212 - 262	435			6,2														
M30-L4***	263 - 307	480				6,7													
M30-L5***	318 - 362	535					7,4												
M30-LS	352 - 392	565						7,7											
M30-LT***	393 - 437	610							8,6										
M30-LX	443 - 487	680															9,5		

*other materials available on request | **Spherical washer starting at M16 | *** special production