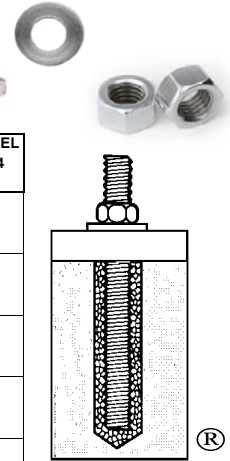


CHEMICAL STUD ANCHORS STRESS-FREE STRUCTURAL ANCHORING

PRE-CUT CHEMICAL STUDS, nuts & washers

FOR USE WITH CHEMICAL CAPS OR CHEMICAL CARTRIDGES

STUDS THREAD SIZE (mm)	STUD OVERALL LENGTH (mm)	NUT DIAMETER (mm)	WASHER DIAMETER (mm)	STUDS PER BOX	ZINC ELECTRO PLATED 5.8 GRADE	HOT DIPPED GALVANISED 5.8 GRADE	STAINLESS STEEL GRADE 304 A2	STAINLESS STEEL GRADE 316 A4
M8	110	13	17	10	IKA-08001	IKA-08110G	ISS-08001	IST-08001
M10	130	17	21	10	IKA-10001	IKA-10130G	ISS-10001	IST-10001
M12	160	19	24	10	IKA-12001	IKA-12160G	ISS-12001	IST-12001
M12	250	19	24	10		IKA-12250G		
M16	190	24	30	10	IKA-16001	IKA-16190G	ISS-16001	IST-16001
M16	250	24	30	10		IKA-16250G		
M20	240	30	37	6	IKA-20001	IKA-20240G	ISS-20001	IST-20001
M20	260	30	37	6	IKA-20002	IKA-20260G	ISS-20002	IST-20002
M24	290	36	44	6	IKA-24001	IKA-24290G	ISS-24001	IST-24001
M30	380	46	56	6	IKA-30001	IKA-30380G	ISS-30001	



STUDS IN CUSTOM LENGTHS, 316 S/STEEL AND OTHER SPECIALS SUBJECT TO QUOTATION!

SDS-PLUS SOCKET DRIVES FOR EASY SPINNING IN OF IKA SPIN-IN CAPSULES

6002492007141	IKD-25SD	1/2 INCH
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1 METER LENGTH THREADED ROD FOR USE WITH CHEMICAL CARTRIDGES

Thread Diameter (mm)	THREADED ROD LENGTH (mm)	ROD PER UNIT	ZINC ELECTRO PLATED 5.8 GRADE	ZINC ELECTRO PLATED 8.8 GRADE	HOT DIPPED GALVANISED 8.8 (HI TENSILE)	STAINLESS STEEL GRADE 304 A2	STAINLESS STEEL GRADE 316 A4
M6	1000	EACH	XRO-D06				
M8	1000	EACH	XRO-D008			XTR-08S	
M10	1000	EACH	XRO-D010		XRO-D10HDG	XTR-10S	XRO-D10316
M12	1000	EACH	XRO-D012	XRO-D012HT	XRO-D12HDG	XTR-12S	XRO-D12316
M16	1000	EACH	XRO-D16	XRO-D16HT	XRO-D16HDG	XTR-16S	XRO-D16316
M20	1000	EACH	XRO-D020	XRO-D020HT	XRO-D20HDG	XTR-20S	
M24	1000	EACH	XRO-D024	XRO-D024HT	XRO-D24HDG	XRO-D024SS	
M30	1000	EACH	XRO-D030	XRO-D030HT			

ADDITIONAL NUTS

Thread Diameter (mm)	NUT DIAMETER (mm)	ROD PER UNIT	ZINC ELECTRO PLATED DIN 934	HOT DIPPED GALVANISED DIN 934	STAINLESS STEEL GRADE 304 A2	STAINLESS STEEL GRADE 316 A4
M6	10	EACH	XNU-T06			
M8	13	EACH	XNU-T008	XNU-T008HD	XNU-08304	
M10	17	EACH	XNU-T010	XNU-010HD	XNU-10304	XNU-10316
M12	19	EACH	XNU-T012	XNU-T012HD	XNU-12304	XNU-12316
M16	24	EACH	XNU-T016	XNU-T016HD	XNU-T016SS	XNU-16316
M20	30	EACH	XNU-T020	XNU-T020HD	XNU-T20304	
M24	36	EACH	XNU-T024	XNU-T024HD	XNU-T024SS	
M30	46	EACH	XNU-T030	XNU-HD30		

ADDITIONAL WASHERS

Thread Diameter (mm)	WASHER DIAMETER (mm)	ROD PER UNIT	ZINC ELECTRO PLATED FLAT WASHERS	HOT DIPPED GALVANISED FLAT WASHERS	STAINLESS STEEL GRADE 304 A2 FLAT WASHERS	STAINLESS STEEL GRADE 316 A4 FLAT WASHERS
M6	15	EACH	XWA-S06			XWA-06316
M8	17	EACH	XWA-S008	XWA-S08HD	XWA-08304	XWA-08316
M10	21	EACH	XWA-S010	XWA-S010HD	XWA-10304	XWA-10316
M12	24	EACH	XWA-S012	XWA-S012HD	XWA-12304	XWA-12316
M16	30	EACH	XWA-S016	XWA-S016HD	XWA-S016SS	XWA-16316
M20	37	EACH	XWA-S020	XWA-HD20	XWA-S020SS	XWA-20316
M24	44	EACH	XWA-S024	XWA-HD24	XWA-S024SS	XWA-24316
M30	56	EACH	XWA-S030	XWA-HD30		

FORGED EYE NUTS ONLY - use with Bolt Projecting Shield, Throughbolts & chemical anchors

Thread Diameter (mm)	Thread Length (mm)	Base Diameter (mm)	Eye Thickness (mm)	Inside Diameter (mm)	Recommended static tensile load (vertical) load 0 degrees kN (1kN = 98kg)	ZINC ELECTRO PLATED Forged
M6	10	20	8	19	0.68	EFN-06000
M8	10	20	8	19	1.35	EFN-08000
M10	12	25	10	24	2.20	EFN-10000
M12	13	29	11	29	3.23	EFN-12000
M16	16	34	14	34	6.66	EFN-16000
M20	19	40	16	39	11.50	EFN-20000
M24	23	51	20	49	17.20	EFN-24000
M30	29	65	25	59	32.00	EFN-30000



STAINLESS STEEL EYE NUTS SUBJECT TO QUOTATION

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

MINIMUM ULTIMATE TENSILE LOADS - ISO METRIC COARSE PITCH THREAD

THREAD ¹	NOMINAL STRESS AREA As,nom mm ²	PROPERTY CLASS									
		Minimum ultimate tensile load (As x Rm), N									
		3.6	4.6	4.8	5.6	5.8	6.8	8.8	9.8	10.9	12.9
M3	5.03	1660	2010	2110	2510	2620	3020	4020	4530	5230	6140
M3.5	6.78	2240	2710	2850	3390	3530	4070	5420	6100	7050	8270
M4	8.78	2900	3510	3690	4390	4570	5270	7020	7900	9130	10700
M5	14.2	4690	5680	5960	7100	7380	8520	11350	12800	14800	17300
M6	20.1	6630	8040	8440	10000	10400	12100	16100	18100	20900	24500
M7	28.9	9540	11600	12100	14400	15000	17300	23100	26000	30100	35300
M8	36.6	12100	14600	15400	18300	19000	22000	29200	32900	38100	44600
M10	58	19100	23200	24400	29000	30200	34800	46400	52200	60300	70800
M12	84.3	27800	33700	35400	42200	43800	50600	67400 ²	75900	87700	103000
M14	115	38000	46000	48300	57500	59800	69000	92000 ²	104000	120000	140000
M16	157	51800	62800	65900	78500	81600	94000	125000 ²	141000	163000	192000
M18	192	63400	76800	80600	96000	99800	115000	159000	-	200000	234000
M20	245	80800	98000	103000	122000	127000	147000	203000	-	255000	299000
M22	303	100000	121000	127000	152000	158000	182000	252000	-	315000	370000
M24	353	116000	141000	148000	176000	184000	212000	293000	-	367000	431000
M27	459	152000	184000	193000	230000	239000	275000	381000	-	477000	560000
M30	561	185000	224000	236000	280000	292000	337000	466000	-	583000	684000
M33	694	229000	278000	292000	347000	361000	416000	576000	-	722000	847000
M36	817	270000	327000	343000	408000	425000	490000	678000	-	850000	997000
M39	976	322000	390000	410000	488000	508000	586000	810000	-	1020000	1200000

PROOFING LOADS - ISO METRIC COARSE PITCH THREAD

THREAD ¹	NOMINAL STRESS AREA As,nom mm ²	PROPERTY CLASS									
		Proofing load (As x Sp), N									
		3.6	4.6	4.8	5.6	5.8	6.8	8.8	9.8	10.9	12.9
M3	5.03	910	1130	1560	1410	1910	2210	2920	3270	4180	4880
M3.5	6.78	1220	1530	2100	1900	2580	2980	3940	4410	5630	6580
M4	8.78	1580	1980	2720	2460	3340	3860	5100	5710	7290	8520
M5	14.2	2560	3200	4400	3980	5400	6250	8230	9230	11800	13800
M6	20.1	3620	4520	6230	5630	7640	8840	11600	13100	16700	19500
M7	28.9	5200	6500	8960	8090	11000	12700	16800	18800	24000	28000
M8	36.6	6590	8240	11400	10200	139000	16100	21200	23800	30400	35500
M10	58	10400	13000	18000	16200	22000	25500	33700	37700	48100	56300
M12	84.3	15200	19000	26100	23600	32000	37100	48900 ³	54800	70000	81800
M14	115	20700	25900	35600	32200	43700	50600	66700 ³	74800	95500	112000
M16	157	28300	35300	48700	44000	59700	69100	91000 ³	102000	130000	152000
M18	192	34600	43200	59500	53800	73000	84500	115000	-	159000	186000
M20	245	44100	55100	76000	68600	93100	108000	147000	-	203000	238000
M22	303	54500	68200	93900	84800	115000	133000	182000	-	252000	294000
M24	353	63500	79400	109000	98800	134000	155000	212000	-	293000	342000
M27	459	82600	103000	142000	128000	174000	202000	275000	-	381000	445000
M30	561	101000	126000	174000	157000	213000	247000	337000	-	466000	544000
M33	694	125000	156000	215000	194000	264000	305000	416000	-	570000	673000
M36	817	147000	184000	253000	229000	310000	359000	490000	-	678000	792000
M39	976	176000	220000	303000	273000	371000	429000	586000	-	810000	947000

1) Where no thread pitch is indicated in a thread designation, coarse pitch is specified. This is given in ISO 261 and ISO 262.

2) For structural bolting 70 000, 95 500 and 130 000 N, respectively.

3) For structural bolting 50 700, 68 800 and 94 500 N, respectively.