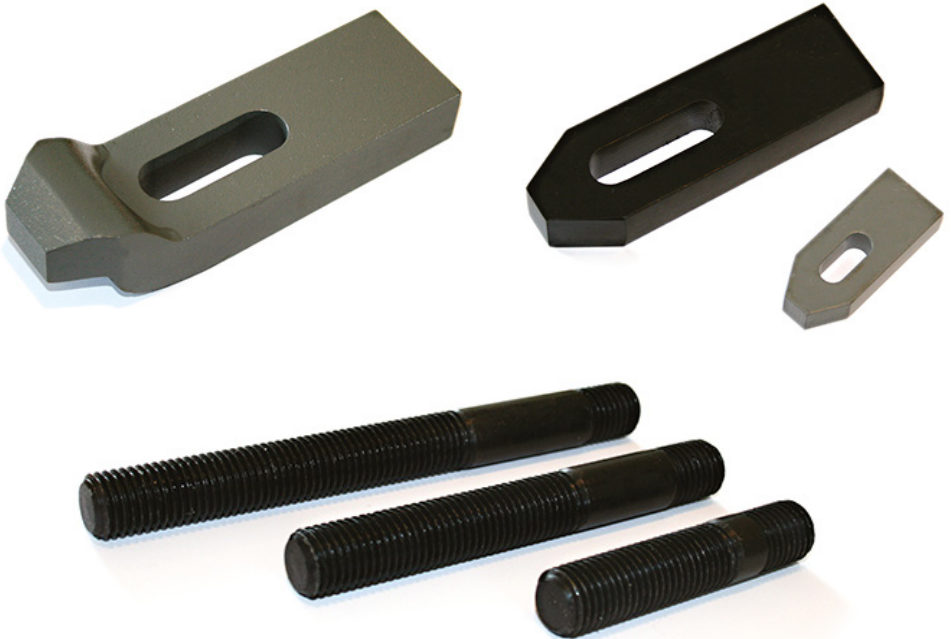


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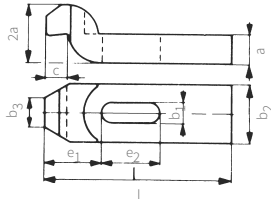
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Clamps & Step Blocks

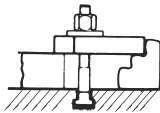
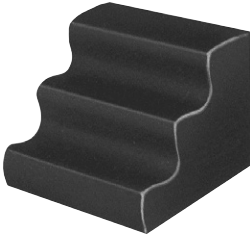


Swan Neck Clamp - Steel



DIN 6316 Swan Neck Clamp

Part No.	b ₁	l	Metric		a	b ₂	c	e ₁	e ₂
			Metric	inch					
921 3200	7	60	M 6	1/4"	10	20	8	20	20
921 3201	9	80	M 8	5/16"	12	25	9	25	25
921 3202	11	100	M 10	3/8"	15	30	12	32	32
921 3203	14	125	M12/M14	1/2"	20	40	16	40	40
921 3204	18	125	M16/M18	5/8"	25	50	20	49	40
921 3204/1	18	160	M16/M18	5/8"	25	50	20	49	50
921 3205	22	160	M20	3/4"	30	60	24	55	55
921 3205/1	22	200	M20	3/4"	30	60	24	55	70
921 3205/2	26	200	M24	1"	35	70	28	72	60
921 3205/3	26	250	M24	1"	35	70	28	72	80

Step Blocks



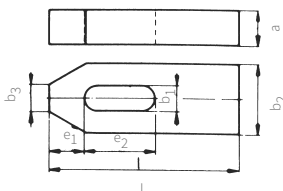
DIN 6318 with 6 steps, 50mm wide

Part No.	DIN 6318		
921 3230	50	12,5 - 50	50 x 90
921 3231	95	57,5 - 95	55 x 95
921 3232	140	102,5 - 140	60 x 100
921 3233	185	147,5 - 185	65 x 105
921 3234	230	192,5 - 230	70 x 110
921 3235	275	237,5 - 275	75 x 115
921 3236	320	282,5 - 320	80 x 120
921 3237	365	327,5 - 365	85 x 125

DIN 6318B 80mm extra wide

921 3230/1	50	12,5 - 50	80 x 50
921 3231/1	95	57,5 - 95	85 x 95
921 3232/1	140	102,5 - 140	90 x 100

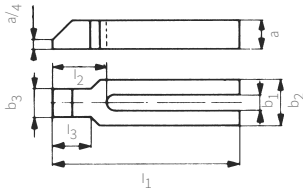
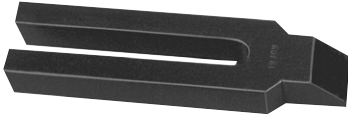
Plain Clamp - Steel



DIN 6314 Plain Clamp

Part No.	b ₁	l	Metric		a	b ₂	b ₃	e ₁	e ₂
			Metric	inch					
921 3180	7	50	M 6	1/4"	10	20	8	10	20
921 3181	9	60	M 8	3/16"	12	25	10	13	22
921 3182	11	80	M 10	3/8"	15	30	12	15	30
921 3183	14	100	M12/M14	1/2"	20	40	14	21	40
921 3183/1	14	125	M12/M14	1/2"	20	40	14	21	50
921 3184	18	125	M16/M18	5/8"	25	50	18	26	45
921 3184/1	18	160	M16/M18	5/8"	25	50	18	26	65
921 3185	22	160	M20/M22	3/4"	30	60	22	30	60
921 3185/1	22	200	M20/M22	3/4"	30	60	22	30	80
921 3185/2	26	200	M24	1"	30	70	26	35	80
921 3185/3	26	250	M24	1"	30	70	26	35	105

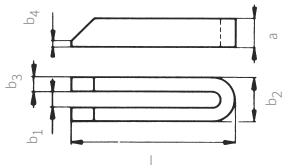
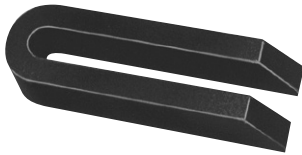
Clamps & Step Blocks



GN Open Ended Clamp - Steel

DIN 6315 GN Open Ended Clamp

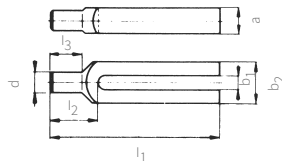
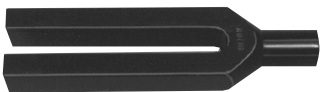
Part No.	b ₁	l ₁	Metric		a	b ₂	e	l ₂	l ₃
				inch					
921 3190	9	100	M 8	5/16"	15	30	16	32	18
921 3191	11	125	M 10	5/16"	20	30	20	38	24
921 3192	14	160	M 12/M 14	5/16"	25	40	24	27	30
921 3192/1	14	200	M 12/M 14	5/16"	25	40	24	27	30
921 3193	18	160	M 16/M 18	5/8"	25	45	28	52	32
921 3193/1	18	200	M 16/M 18	5/8"	30	30	28	57	38
921 3193/2	18	250	M 16/M 18	5/8"	30	50	28	57	38
921 3194	22	160	M 20	3/4"	30	55	35	64	41
921 3194/1	22	200	M 20	3/4"	30	55	35	64	41
921 3194/2	22	250	M 20	3/4"	40	60	35	68	45
921 3194/3	22	315	M 20	3/4"	40	60	35	68	45
921 3194/4	24	250	M 22	1"	40	60	38	68	45
921 3194/5	24	315	M 22	1"	40	60	38	68	45



B Open Ended Clamp - Tempered-Steel

DIN 6315 B Open Ended Clamp

Part No.	b ₁	l	Metric		a	b ₂	b ₃	b ₄
				inch				
921 3210	7	60	M 6	1/4"	12	19	6	3
921 3211	9	80	M 8	5/16"	15	25	8	4
921 3212	11	100	M 10	3/8"	20	31	10	5
921 3213	14	125	M 12/M 14	1/2"	25	38	12	6
921 3213/1	14	160	M 12/M 14	1/2"	25	38	12	6
921 3213/2	14	200	M 12/M 14	1/2"	25	38	12	6
921 3214	18	160	M 16/M 18	5/8"	30	48	15	8
921 3214/1	18	200	M 16/M 18	5/8"	30	48	15	8
921 3214/2	18	250	M 16/M 18	5/8"	40	48	15	10
921 3215	22	200	M 20/M 22	3/4"	40	52	15	10
921 3215/1	22	250	M 20/M 22	3/4"	40	62	20	10
921 3215/2	22	315	M 20/M 22	3/4"	40	62	20	10

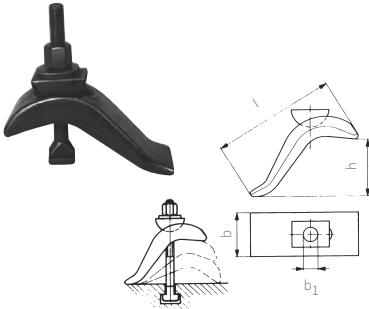


C Peg Clamp - Steel



DIN 6315 C Peg Clamp

Part No.	b ₁	l ₁	Metric		a	b ₂	d	l ₂	l ₃
				inch					
921 3220	9	100	M 8	5/16"	15	30	12	30	18
921 3221	11	125	M 10	3/8"	20	30	16	36	24
921 3222	14	160	M 12/M 14	1/2"	25	40	20	45	30
921 3222/1	14	200	M 12/M 14	1/2"	25	40	20	45	30
921 3223	18	200	M 16/M 18	5/8"	30	50	24	55	36
921 3223/1	18	250	M 16/M 18	5/8"	30	50	24	55	36
921 3224	22	250	M 20/M 22	3/4"	40	60	30	65	45
921 3224/1	22	315	M 20/M 22	3/4"	40	60	30	65	45

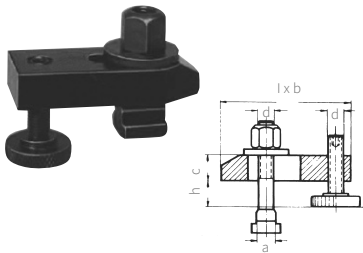
Clamps & Screw Jacks




Stepless Height Adjustable Clamp - Forged Steel & Tempered

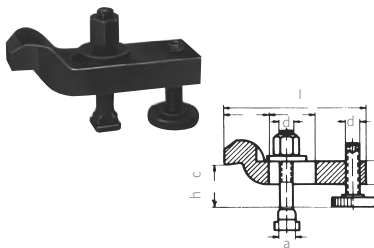
Part No.		b ₁	h max (mm)		Clamping height h (mm)	b x l
Without 'T' Bolt						
921 7100	-	17	75	-	-	50 x 138
921 7101	-	21	85	-	-	60 x 175
With 'T' Bolt and Flange and Nut						
921 3150	12	17	75	M12 x 12 x 125	0 - 50	50 x 138
921 3151	14	17	75	M12 x 14 x 125	0 - 50	50 x 138
921 3152	16	17	75	M16 x 16 x 160	0 - 75	50 x 138
921 3153	18	17	75	M16 x 18 x 160	0 - 75	50 x 138

The stepless height adjustable clamps are quickly adapted to various clamping heights without the use of supports or packing pieces. The clamp is designed to operate where limited machine table space is available.




Adjustable Plain Clamp - Complete with adjusting screw, T bolt DIN 787 flange and nut 8,8

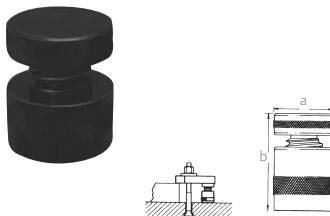
Part No.		h	DIN 6314 b ₁ x l	DIN 787
921 3154	10	8-28	11 x 80	10 M 10 x 63
921 3155	12	10-33	14 x 100	12 M 12 x 80
921 3156	14	10-31	14 x 100	14 M 12 x 80
921 3157	16	13-40	18 x 125	16 M 16 x 100
921 3158	18	13-38	18 x 125	18 M 16 x 100
921 3159	22	16-53	22 x 160	20/22 M 20 x 125



Swan Neck Clamp - Complete with adjusting screw, T bolt DIN 787 flange and nut 8,8

Part No.		h	DIN 6314 b ₁ x l	DIN 787
921 3160	10	21-41	11 x 100	10 M 10 x 63
921 3161	12	29-52	14 x 125	12 M 12 x 80
921 3162	14	29-50	14 x 125	14 M 12 x 80
921 3163	16	37-64	18 x 160	16 M 16 x 100
921 3164	18	37-62	18 x 160	18 M 16 x 100
921 3165	22	45-80	22 x 200	20/22 M 20 x 125

Screw Jacks



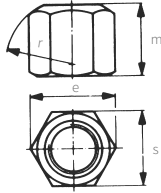
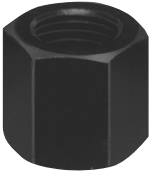
Part No.	Type A a = 50 Ø
921 3166	b=45-60mm
921 3167	b=60-80mm
921 3168	b=80-120mm

Part No.	Type B a = 70 Ø
921 3169	b=60-80mm
921 3170	b=80-110mm
921 3171	b=110-160mm


Part No.	Type C a = 70 Ø
921 3172	b=160-240mm

Nuts & Washers

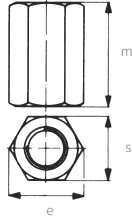
Fixture Nut - Heat treated to tensile strength 10




DIN 6330 Fixture Nut

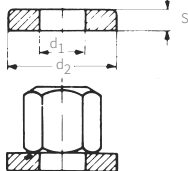
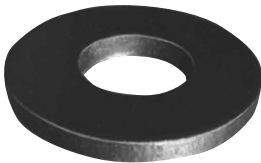
Part No.		s	e	$m = 1.5 d$ m
921 3380	M 6	10	11,5	10
921 3381	M 8	13	15,0	12
921 3382	M 10	17	19,6	15
921 3383	M 12	19	21,9	18
921 3384	M 14	22	25,4	21
921 3385	M 16	24	27,7	24
921 3386	M 18	27	31,2	27
921 3387	M 20	30	34,6	30
921 3388	M 22	32	36,9	33
921 3388/1	M 24	36	41,6	36

Coupling Nut - Heat treated to tensile strength 10




DIN 6334 Coupling Nut

Part No.		s	e	$m = 3 d$ m
921 3431	M 6	10	11,5	10
921 3432	M 8	13	15,0	24
921 3433	M 10	17	19,6	30
921 3434	M 12	19	21,9	36
921 3435	M 14	22	25,4	42
921 3436	M 16	24	27,7	48
921 3437	M 18	27	31,2	54
921 3438	M 20	30	34,6	60
921 3439	M 22	32	36,9	66
921 3439/1	M 24	36	41,6	72

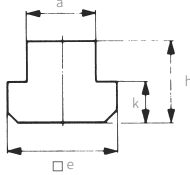
Hardened Washer - Hardened to 120 - 140 kg/mm² tensile strength

DIN 6340 Hardened Washer


Part No.		inch	\varnothing d ₁	\varnothing d ₂	s
921 3455	M 6	1/4"	6,4	17	3
921 3456	M 8	5/16"	8,4	23	4
921 3457	M 10	3/8"	10,5	28	4
921 3458	M 12	1/2"	13	35	5
921 3459	M 14	-	15	40	5
921 3460	M 16	5/8"	17	45	6
921 3461	M 18	-	19	45	6
921 3462	M 20	3/4"	21	50	6
921 3463	M 22	7/8"	23	50	8
921 3463/1	M 24	7/8"	25	60	8

Nuts, Washers & Metric Studs

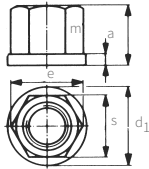
T Nut - Heat treated to tensile strength 10




DIN 508 T Nut

Part No.		d	a	e	h	k
921 3480	6	M 5	5,7	10	8	4
921 3481	8	M 6	7,7	13	10	6
921 3482	10	M 8	9,7	15	12	6
921 3483	12	M 10	11,7	18	14	7
921 3484	14	M 12	13,7	22	16	8
921 3485	(16)	M 14	15,7	25	18	9
921 3486	18	M 16	17,7	28	20	10
921 3487	(20)	M 18	19,7	32	24	12
921 3488	22	M 20	21,7	35	28	14
921 3488/1	24	M 20	23,7	40	32	16
921 3488/2	24	M 22	23,7	40	32	16
921 3488/3	28	M 22	27,7	44	36	18
921 3488/4	28	M 24	27,7	44	36	18

Flange Nut - Heat treated to tensile strength 10



DIN 6331 Flange Nut

Part No.		s	e	$m = 1,5 d$ m	a	d ₁
921 3395	M 6	10	11,5	9	3,0	14
921 3396	M 8	13	15,0	12	3,5	18
921 3397	M 10	16	19,6	15	4	22
921 3398	M 12	18	21,9	18	4	25
921 3399	M 14	21	25,4	21	4,5	28
921 3400	M 16	24	27,7	24	5	31
921 3401	M 18	27	31,2	27	5	34
921 3402	M 20	30	34,6	30	6	37
921 3403	M 22	32	36,9	33	6	40
921 3403/1	M 24	36	41,6	36	6	45

* New DIN specification



93/1844

A range of Steel clamping components, most of which are held in stock.

All clamps are **FORGED AND HARDENED** for accuracy.

Manufactured in Germany to the Highest Technical Standards.



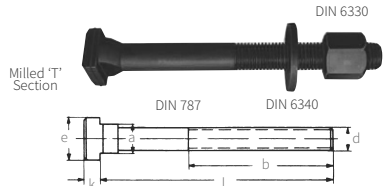
Metric Studs & Bolts

DIN 6379 Studs - Tensile strength 8,8



Part No.	a	d x L	b	b ₁
921 3310	10	M8 x 40	20	11
921 3311		M8 x 63		
921 3312		M8 x 100 63		
921 3313		M8 x 160 100		
921 3314	12	M10 x 50 25	13	
921 3315		M10 x 80 50		
921 3316		M10 x 125 75		
921 3317		M10 x 160 100		
921 3318	M10 x 200 125			
921 3319	14	M12 x 50 25	15	
921 3320		M12 x 63 32		
921 3321		M12 x 80 50		
921 3322		M12 x 100 63		
921 3323	M12 x 125 75			
921 3324	M12 x 160 100			
921 3325	M12 x 200 125			
921 3326	16	M14 x 63 32	17	
921 3327		M14 x 100 63		
921 3328		M14 x 160 100		
921 3329		M14 x 250 160		
921 3330	18	M16 x 63 32	19	
921 3331		M16 x 80 50		
921 3332		M16 x 100 63		
921 3333		M16 x 125 75		
921 3334	M16 x 160 100			
921 3335	M16 x 200 125			
921 3336	M16 x 250 160			
921 3337	20	M18 x 80 50	23	
921 3338		M18 x 125 75		
921 3339		M18 x 200 125		
921 3340		M18 x 315 180		
921 3341	22	M20 x 80 32	27	
921 3342		M20 x 125 70		
921 3343		M20 x 160 100		
921 3344		M20 x 200 125		
921 3345	M20 x 250 165			
921 3346	M20 x 315 200			
921 3347	M20 x 400 250			
921 3348	M20 x 500 315			
921 3349	24	M22 x 100 45	31	
921 3350		M22 x 160 100		
921 3351		M22 x 200 125		
921 3352		M22 x 250 160		
921 3353	M22 x 315 180			
921 3354	M22 x 400 250			
921 3355	28	M24 x 100 45	35	
921 3356		M24 x 160 100		
921 3357		M24 x 200 125		
921 3358		M24 x 250 160		
921 3359	M24 x 315 180			
921 3360	M24 x 400 250			

DIN 787 T-Bolts - Complete with Nut & Flange, long thread series, tensile strength 8,8



Part No.	a	d x L	b	a	e	k
921 3240	8	M8 x 32	20	7,7	13	6
921 3241		M8 x 50	35			
921 3242		M8 x 80	45			
921 3243	10	M10 x 40	30	9,7	15	6
921 3244		M10 x 65	40			
921 3245		M10 x 100	60			
921 3246	12	M12 x 50	35	11,7	18	7
921 3247		M12 x 65	40			
921 3248		M12 x 80	50			
921 3249	M12 x 125	70				
921 3250	M12 x 200	100				
921 3251	14	M12 x 50	35	13,7	22	8
921 3252		M12 x 65	40			
921 3253		M12 x 80	50			
921 3254	M12 x 125	70				
921 3255	M12 x 200	100				
921 3256	16	M14 x 65	40	15,7	25	9
921 3257		M14 x 100	60			
921 3258		M14 x 160	80			
921 3259		M14 x 250	120			
921 3260	16	M16 x 65	40	15,7	25	9
921 3261		M16 x 80	50			
921 3262		M16 x 100	60			
921 3263		M16 x 160	80			
921 3264	M16 x 200	100				
921 3265	M16 x 250	120				
921 3266	18	M16 x 65	40	17,7	28	10
921 3267		M16 x 80	50			
921 3268		M16 x 100	60			
921 3269		M16 x 160	80			
921 3270	M16 x 200	100				
921 3271	M16 x 250	120				
921 3272	20	M20 x 80	50	19,7	32	12
921 3273		M20 x 125	70			
921 3274		M20 x 160	80			
921 3275		M20 x 200	100			
921 3276	M20 x 320	120				
921 3277	22	M20 x 80	50	21,7	35	14
921 3278		M20 x 100	60			
921 3279		M20 x 125	70			
921 3280		M20 x 160	80			
921 3281	M20 x 200	100				
921 3282	M20 x 250	120				
921 3283	M20 x 320	120				
921 3284	24	M24 x 80	50	23,7	40	16
921 3284/1		M24 x 100	60			
921 3284/2		M24 x 125	70			
921 3284/3		M24 x 160	80			
921 3284/4	M24 x 200	100				
921 3284/5	M24 x 250	120				
921 3284/6	M24 x 320	120				
921 3284/7	M24 x 400	120				
921 3285	28	M24 x 80	50	27,7	44	18
921 3285/1		M24 x 100	60			
921 3285/2		M24 x 125	70			
921 3285/3		M24 x 160	80			
921 3285/4	M24 x 200	100				
921 3285/5	M24 x 250	120				
921 3285/6	M24 x 320	120				
921 3285/7	M24 x 400	120				

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Silvaflame-Cleervue Co Ltd

Issue 2

11/2018

**Silvaflame-Cleervue is the foremost manufacturer
of Machine Safety Guards in the UK**

We manufacture a full range of standard machine safety guards in various sizes to suit Lathes, Drillers, Millers and Grinders which covers 90% of machines used in industry.

Our other products include eye shields, D.C. Injection Brakes and ancillary safety equipment.

In addition to our standard range we also produce bespoke safety guards for special purpose machines down to the smallest air drillers, perimeter fencing and enclosures.



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For more information about us, our machinery safety guards or another enquiry, please contact us by email, **Fax 01543 509140** or Call us



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