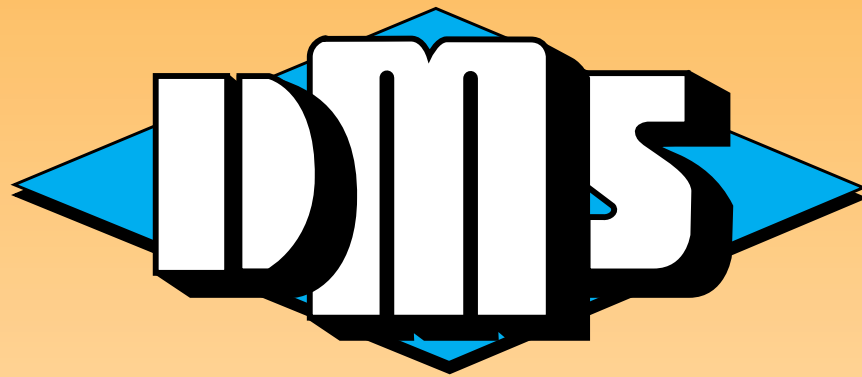
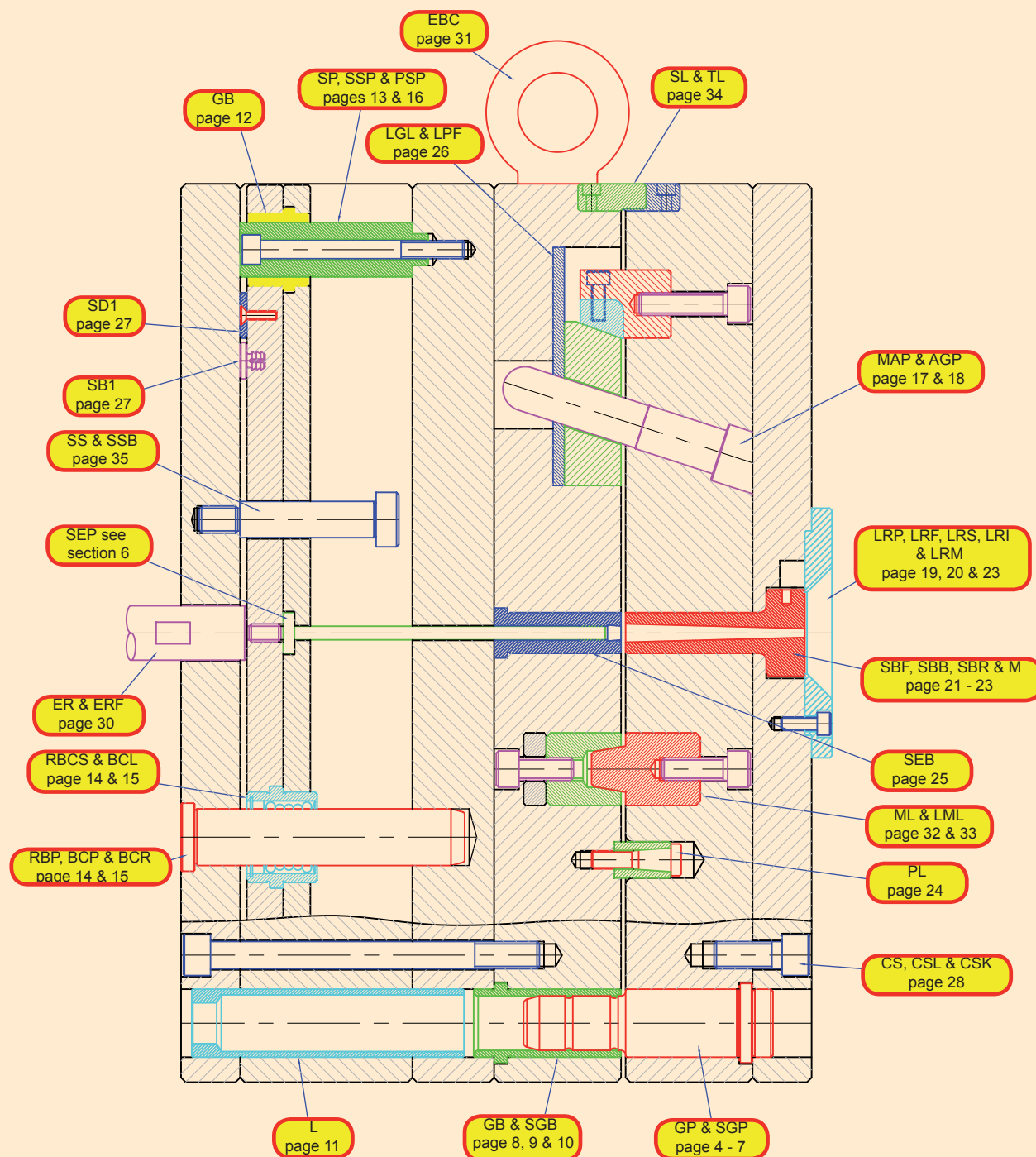




DMS - Diemould
Section 5 - Ancillaries



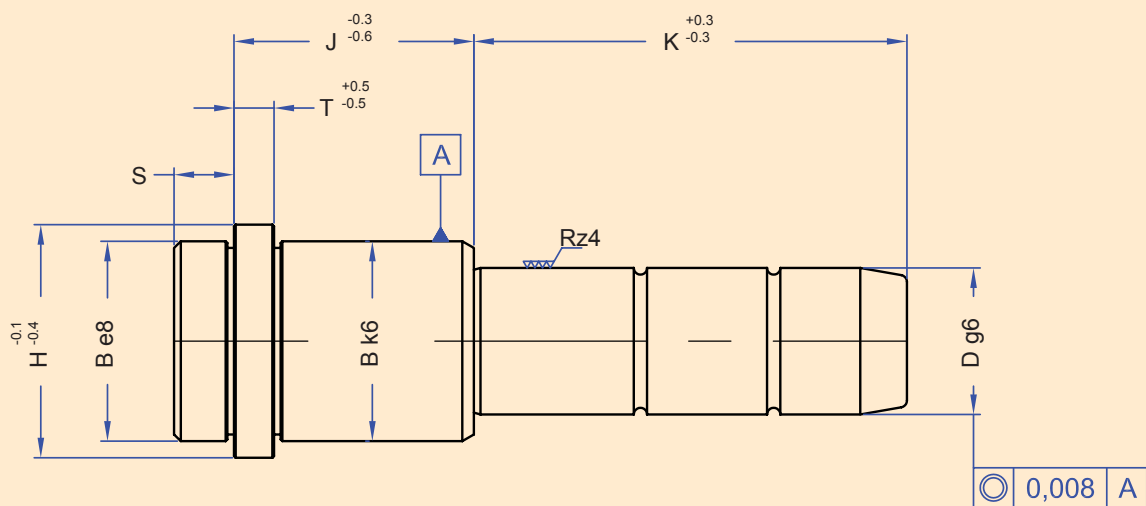
web : www.dms-diemould.co.uk
sales : sales@dms-diemould.co.uk
tel : +44 (0) 1494 523811
fax : +44 (0) 1494 452898



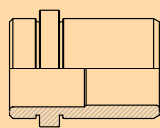
SGP - Spigotted Guide Pillar

Material : 1.7131

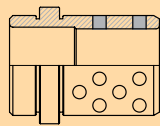
Case Hardened : 58 - 62 HRC



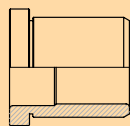
SGP compatible components



Spigotted Guide Bush
see page 6



Spigotted Guide Bush
self lubricating
see page 8



Guide Bush
see page 7

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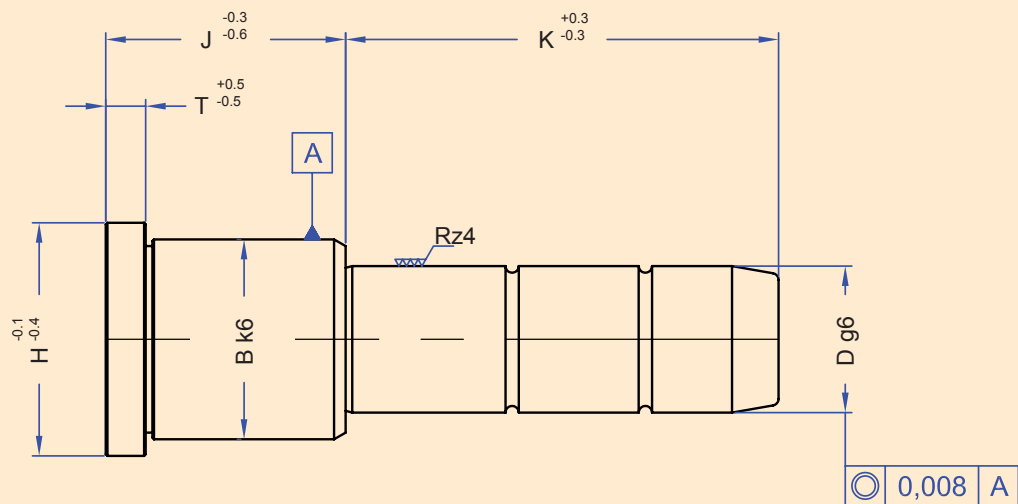
enquiries to -
sales@dms-diemould.co.uk



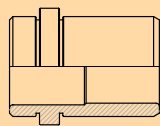
= SGP - D x J x K

Ø D	B	H	S	T	J	K											
						15	25	35	45	55	65	75	85	100	120	160	200
9 / 10	14	16	3	3	16	✓	✓	✓									
					20		✓	✓									
					26		✓	✓	✓		✓						
					36		✓	✓	✓		✓						
					46			✓	✓		✓						
					56				✓		✓						
14 / 15	20	25	9	6	16	✓	✓		✓		✓						
					20		✓	✓		✓		✓		✓			
					26			✓	✓		✓		✓	✓	✓		
					36			✓	✓		✓		✓	✓	✓		
					46			✓	✓		✓		✓	✓			
					56				✓		✓		✓				
					66						✓		✓				
18 / 20	26	31	9	6	16		✓	✓		✓							
					20		✓	✓		✓		✓		✓			
					26			✓	✓		✓		✓	✓	✓	✓	
					36			✓	✓		✓		✓	✓	✓	✓	✓
					46				✓		✓		✓	✓	✓		
					56				✓		✓			✓		✓	
					66						✓			✓			
					76						✓			✓			
22 / 24	30	35	9	6	96						✓		✓		✓		
					16		✓		✓		✓						
					20		✓		✓		✓		✓	✓			
					26			✓	✓		✓		✓	✓	✓	✓	✓
					36				✓		✓		✓	✓	✓	✓	✓
					46				✓		✓		✓	✓	✓		
					56				✓		✓			✓	✓	✓	
					66						✓			✓		✓	
					76						✓			✓	✓	✓	
30 / 32	42	47	9	6	96						✓		✓		✓		
					116						✓		✓		✓		
					26				✓		✓			✓		✓	✓
					36				✓		✓		✓	✓		✓	✓
					46				✓		✓		✓	✓		✓	✓
					56						✓			✓		✓	✓
					66								✓	✓		✓	
					76								✓	✓		✓	
40 / 42	52	56	9	6	96								✓		✓		
					116								✓		✓	✓	
					136									✓		✓	✓
					56									✓		✓	
					66									✓		✓	
					76									✓		✓	

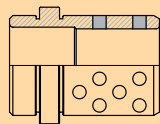
GP - Guide Pillar
 Material : 1.7131
 Case Hardened : 58 - 62 HRc



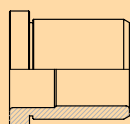
GP compatible components



Spigotted Guide Bush
 see page 6



Spigotted Guide Bush
 self lubricating
 see page 8



Guide Bush
 see page 7

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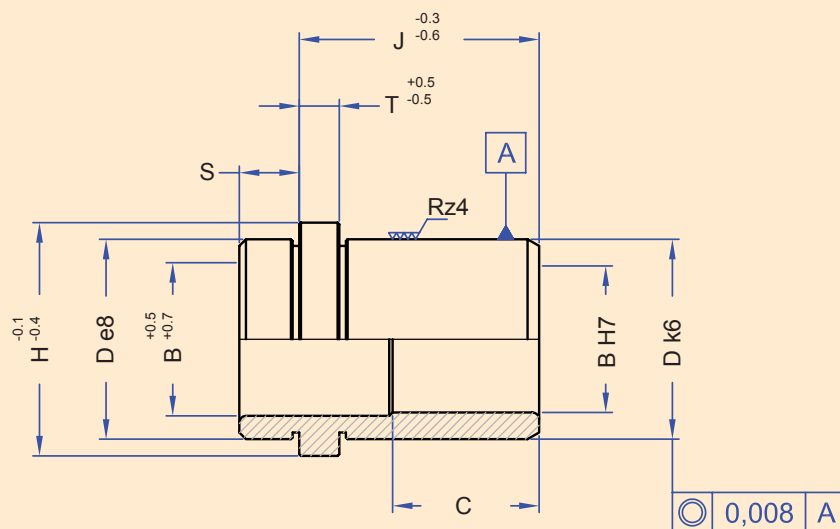
enquiries to -
sales@dms-diemould.co.uk



= GP - D x J x K

Ø D	B	H	T	J	K												
					15	25	35	45	55	65	75	85	100	120	160	200	240
9 / 10	14	16	3	16	✓	✓	✓										
				20		✓	✓										
				26		✓	✓	✓		✓							
				36		✓	✓	✓		✓							
				46			✓	✓		✓							
				56				✓		✓							
14 / 15	20	25	6	16	✓	✓		✓		✓							
				20		✓	✓		✓		✓		✓				
				26			✓	✓		✓		✓	✓	✓	✓		
				36			✓	✓		✓		✓	✓	✓	✓		
				46			✓	✓		✓		✓	✓	✓			
				56				✓		✓			✓				
				66						✓			✓				
18 / 20	26	31	6	16		✓	✓		✓								
				20		✓	✓		✓		✓		✓				
				26			✓	✓		✓		✓	✓	✓	✓	✓	
				36			✓	✓		✓		✓	✓	✓	✓	✓	✓
				46				✓		✓		✓	✓	✓	✓		
				56				✓		✓			✓		✓		
				66						✓			✓		✓		
				76						✓			✓		✓		
22 / 24	30	35	6	16		✓		✓		✓							
				20		✓		✓		✓		✓	✓				
				26			✓	✓		✓		✓	✓	✓	✓	✓	
				36				✓		✓		✓	✓	✓	✓	✓	✓
				46				✓		✓		✓	✓	✓	✓		
				56				✓		✓			✓	✓	✓		
				66						✓			✓		✓		
				76						✓			✓	✓	✓		
				96						✓			✓		✓		
30 / 32	42	47	6	116						✓			✓		✓		
				26				✓		✓			✓		✓	✓	
				36				✓		✓		✓	✓		✓	✓	✓
				46				✓		✓		✓	✓		✓	✓	✓
				56						✓			✓		✓	✓	✓
				66								✓	✓		✓	✓	
				76								✓	✓		✓	✓	
				96								✓	✓		✓		
				116									✓		✓	✓	
40 / 42	52	56	6	136									✓		✓	✓	
				56									✓		✓		
				66									✓		✓		
				76									✓		✓	✓	
				96									✓		✓		
				116									✓		✓	✓	

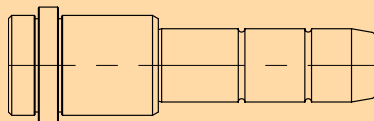
SGB - Spigotted Guide Bushes
Material : 1.7131
Case Hardened : 58 - 62 HRc



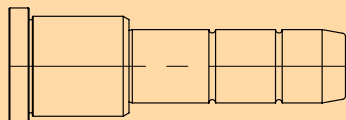
 = SGB - B x J

Ø B	D	H	S	T	C	J										
						16	20	26	36	46	56	66	76	96	116	136
9 / 10	14	16	3	3	26	✓	✓	✓	✓							
					36					✓	✓					
14 / 15	20	25	9	6	36	✓	✓	✓	✓	✓	✓	✓				
18 / 20	26	31	9	6	56	✓	✓	✓	✓	✓	✓	✓	✓	✓		
22 / 24	30	35	9	6	60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
30 / 32	42	47	9	6	76			✓	✓	✓	✓	✓	✓	✓	✓	✓
40 / 42	52	56	9	6	80						✓	✓	✓	✓	✓	✓

SGB compatible components



Spigotted Guide Pillar
see page 2



Guide Pillar
see page 4

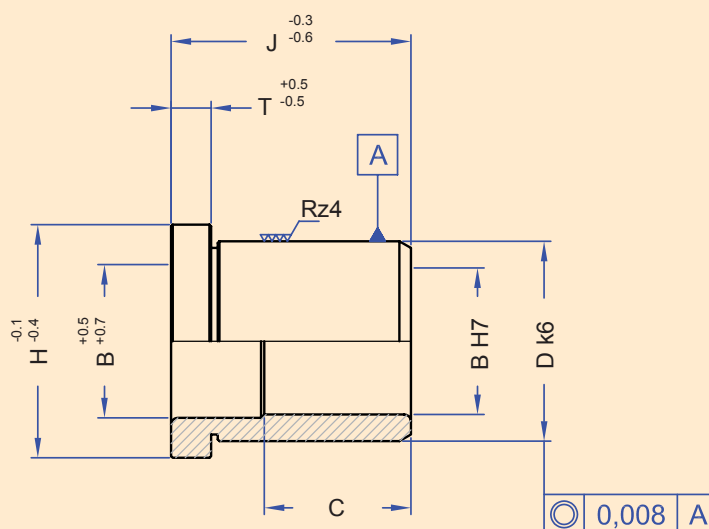
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GB - Guide Bushes

Material : 1.7131

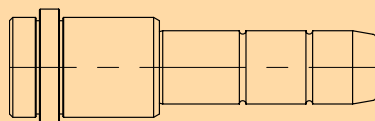
Case Hardened : 58 - 62 HRC



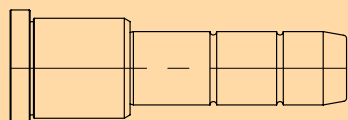
= GB - B x J

Ø B	D	H	T	C	J									
					16	20	26	36	46	56	66	76	96	116
9 / 10	14	16	3	26	✓	✓	✓	✓						
				36				✓	✓					
14 / 15	20	25	6	36	✓	✓	✓	✓	✓	✓	✓			
18 / 20	26	31	6	56	✓	✓	✓	✓	✓	✓	✓	✓		
22 / 24	30	35	6	60	✓	✓	✓	✓	✓	✓	✓	✓	✓	
30 / 32	42	47	6	76			✓	✓	✓	✓	✓	✓	✓	✓
40 / 42	52	56	6	80					✓	✓	✓	✓	✓	✓

GB compatible components



Spigotted Guide Pillar
see page 2



Guide Pillar
see page 4

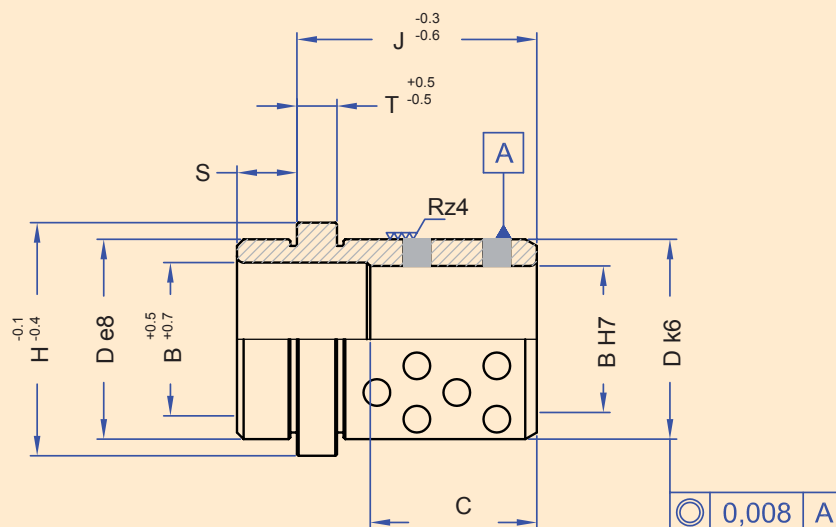
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sales@dms-diemould.co.uk

SLB - Self Lubricating Bushes

Aluminium Bronze DIN 1714

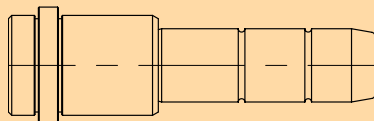
+ ML2 Graphite Inserts



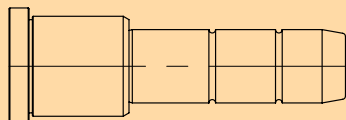
= SLB - B x J

Ø B	D	H	S	T	C	J								
						20	26	36	46	56	66	76	96	116
14 / 15	20	25	9	6	36	✓	✓	✓	✓	✓				
18 / 20	26	31	9	6	56		✓	✓	✓	✓	✓			
22 / 24	30	35	9	6	60			✓	✓	✓	✓	✓		
30 / 32	42	47	9	6	76			✓	✓	✓	✓	✓	✓	✓
40 / 42	52	56	9	6	80				✓	✓	✓	✓	✓	✓

SGB compatible components



Spigotted Guide Pillar
see page 2



Guide Pillar
see page 4

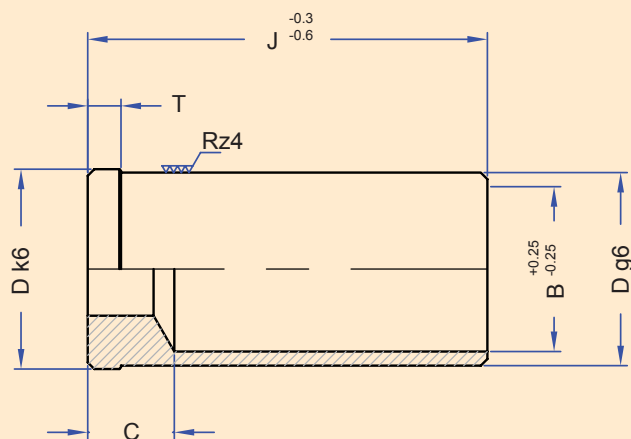
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sales@dms-diemould.co.uk

L - Liners

Material : 1.7131

Case Hardened : 58 - 62 HRC



= L - D x L

Ø D	C	B	T	J											
				20	30	40	50	60	70	80	100	120	140	160	200
14	8	10.75	5	✓		✓	✓	✓	✓						
20	13	15.75	5		✓	✓		✓		✓	✓				
26	13	20.75	5			✓		✓		✓	✓	✓			
30	13	24.75	5			✓		✓		✓	✓	✓	✓		
42	13	32.75	5				✓	✓		✓	✓	✓	✓	✓	✓
52	13	42.75	5				✓	✓		✓	✓	✓	✓	✓	✓

Download CAD data at
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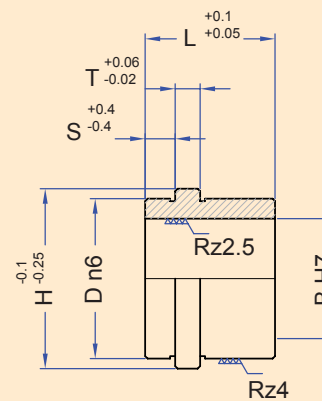
enquiries to -
sales@dms-diemould.co.uk

GB1000's - Support Pillar Bushes

Material : 1.7131

Case Hardened : 58 - 62 HRC

Ø B	D	H	S	T	L	☒
24	32	36	6	5	26	GB1000
36	44	48	6	5	30	GB1001
48	58	62	10	6	40	GB1002

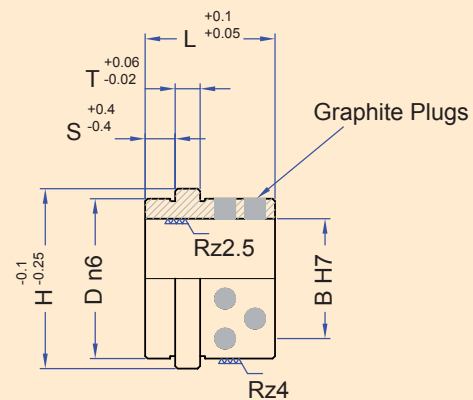


☒ = GB - #

GB5000's - Support Pillar Bushes

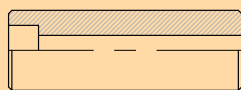
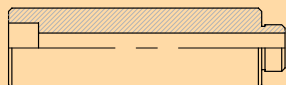
Aluminium Bronze DIN 1714
+ ML2 Graphite Inserts

Ø B	D	H	S	T	L	☒
24	32	36	6	5	26	GB5000
36	44	48	6	5	30	GB5001
48	58	62	10	6	40	GB5002



☒ = GB - #

Support Pillar Bushes compatible components

SP
see page 22SSP
see page 22

Download CAD data at
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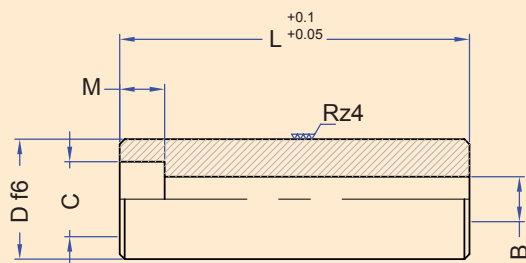
enquiries to -
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SP - Support Pillars

Material : 1.7131

Case Hardened : 58 - 62HRc



Ø D	C	M	B	L							
				50	60	70	80	90	100	120	140
24	15	9	9	✓	✓	✓	✓	✓	✓		
36	18	11	11		✓	✓	✓	✓	✓	✓	
48	20	13	13				✓		✓	✓	✓

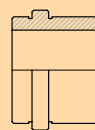
= SP - D x L

SSP - Spigotted Support Pillars

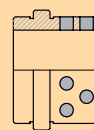
Material : 1.7131

Case Hardened : 58 - 62HRc

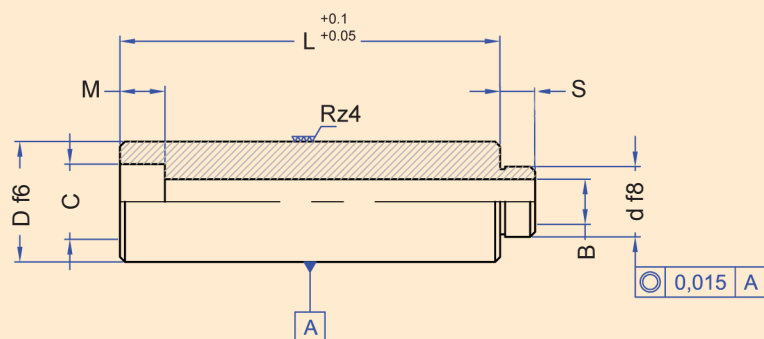
Support Pillar compatible components



GB1000's
 see page 24



GB5000's
 self lubricating
 see page 24

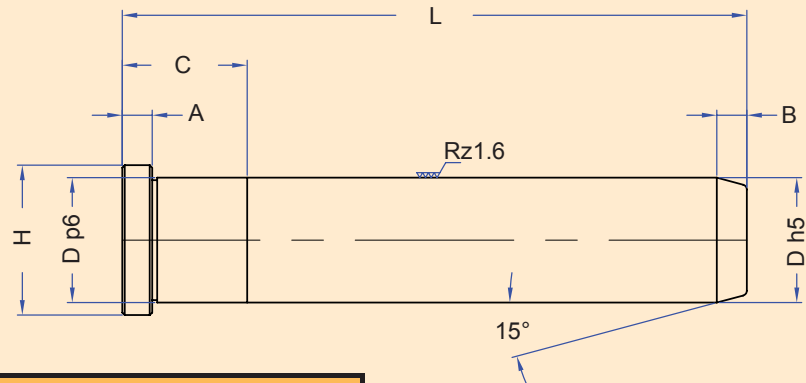


= SSP - D x L

Ø D	C	M	B	d	S	L										
						36	46	56	76	96	116	136	156	200	220	240
24	15	9	9	14	7	✓	✓	✓	✓	✓				✓		
36	18	11	11	18	9		✓	✓	✓	✓	✓	✓			✓	
48	20	13	13	20	10				✓	✓	✓	✓	✓			✓

RBP - Recirculating Ball Pillar

= RBP - D x L



Ø D	H	A	C	B	L						
					80	100	125	160	200	250	315
12	16	4	16	4	✓	✓	✓				
16	20	6	20	6	✓	✓	✓	✓	✓		
20	24	6	22	6		✓	✓	✓	✓	✓	
25	30	6	25	6			✓	✓	✓	✓	✓
32	37	8	35	8			✓		✓	✓	✓
40	45	8	35	8			✓		✓	✓	✓

RBCS - Ball Cage Bushing

Ø B	12	16	16	20	20			
L	22	22	26	26	35			
Max load (N)	882	882	1,250	1,250	1,915			
Ø B	25	25	25	25	32	32	40	40
L	26	35	45	55	45	63	45	63
Max load (N)	1,250	1,985	2,721	3,456	2,574	3,897	2,574	3,897

Design :

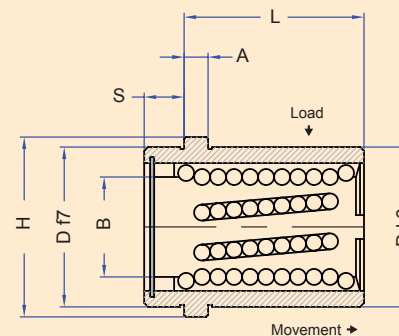
Uses reciprocating balls encapsulated in a bush.
Typically for use in an ejector system when a friction free application is required.

Fitting :

Ensure that the pillar holes are square and in line with the bores in the ejector system.

Maintainance :

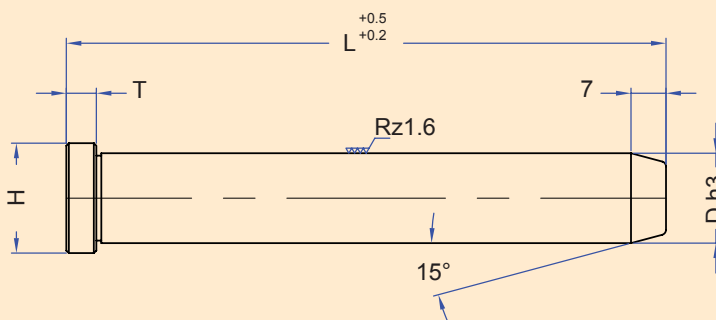
Regularly check the cage and balls for signs of wear and fatigue.
Use only a very thin oil to lubricate.



= RBCS - B x L

Ø B	D	H	A	S	L						
					22	26	35	45	55	63	
12	24	28	6	8	✓						
16	28	32	6	8	✓						
16	28	32	6	9		✓					
20	32	36	6	9		✓	✓				
25	40	45	6	9		✓					
25	40	45	6	10			✓	✓	✓		
32	50	56	8	12				✓		✓	
40	60	66	8	12				✓		✓	

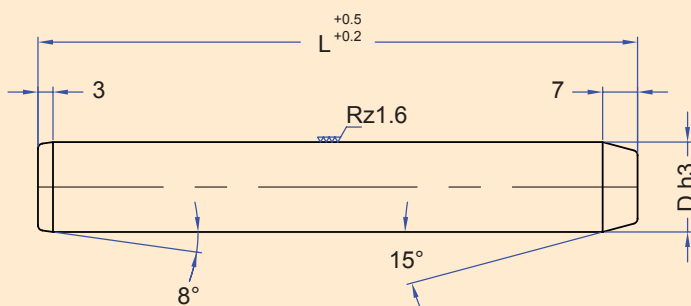
BCP - Ball Cage Pillar



Ø D	H	T	L					
			80	100	120	140	160	200
12	16	4	✓	✓	✓			
18	22	6			✓	✓	✓	
30	36	6					✓	✓

= BCP - D x L

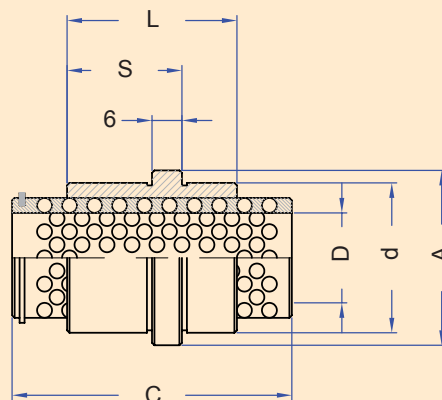
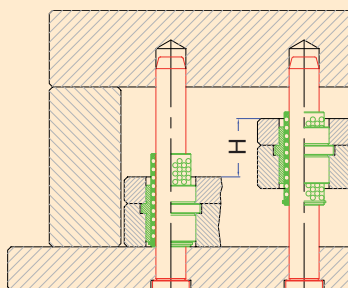
BCR - Ball Cage Rod



Ø D	L			
	100	125	160	240
12	✓	✓		
18		✓	✓	
30			✓	✓

= BCR - D x L

BCL - Ball Cage Bush



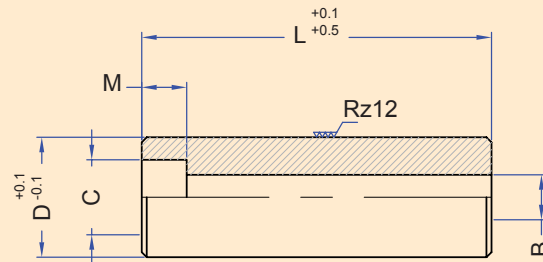
Ø D	d	A	L	S	H					
					C = 40	C = 45	C = 56	C = 71	C = 75	C = 95
12	22	26	24	18	50		82			
18	30	35	34	23		44	66	96		
30	46	52	54	33			32		70	110

= BCL - D x C



PSP - Plain Support Pillars

Material : 1.1730



Ø D	C	M	B	L			
				46	56	76	136
34	18	11	11	✓			✓
46	20	13	13	✓	✓		✓
70	26	17	17	✓	✓	✓	



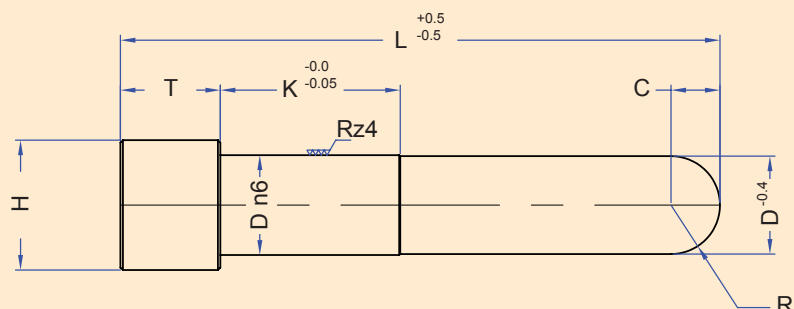
= PSP - D x L

Designed for support only, the PSP unit is supplied at 176 Hb and is available for all popular riser heights.

MAP - Angle Pillar

Material : 1.6565

Tufftrided : 70 HRc



= MAP - D x K x L

Ø D	R	H	T	C	K	L					
						75	100	160	200	250	315
12	6	18	12	5	16	✓	✓				
					24		✓	✓			
16	8	22	16	7	24		✓	✓			
					36			✓	✓		
					48				✓	✓	
20	10	26	20	9	24			✓			
					36			✓	✓		
					48				✓	✓	
					60				✓	✓	
24	12	30	24	11	36			✓	✓		
					48				✓	✓	
					60					✓	✓

Download CAD data at
www.dms-diemould.co.uk

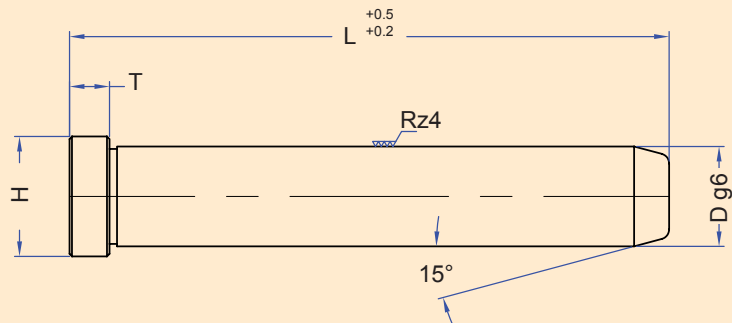
enquiries to -
sales@dms-diemould.co.uk



AGP - Angle Guide Pillars

Material : 1.7131

Case Hardened : 58 - 62 HRc



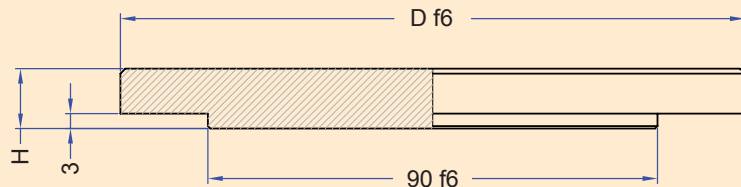
= AGP - D x L

Ø D	H	T	L												
			40	60	80	100	120	140	160	180	200	220	240	270	300
10	12	3	✓	✓	✓	✓	✓								
12	16	6		✓	✓	✓	✓	✓							
14	18	8		✓	✓	✓	✓	✓	✓						
16	20	8			✓	✓	✓	✓	✓	✓					
18	22	8		✓	✓	✓	✓	✓	✓		✓				
20	24	8				✓	✓		✓		✓		✓		
24	28	15				✓	✓	✓	✓		✓		✓		
32	36	15							✓		✓		✓		✓

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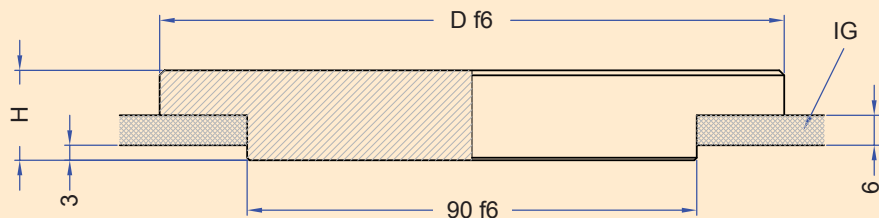
LRP - Location Ring
 Material : 1.7131



H	Ø D				
	100	101.6	110	125	175
8	✓	✓			
12			✓	✓	✓

✉ = LRP - D x H

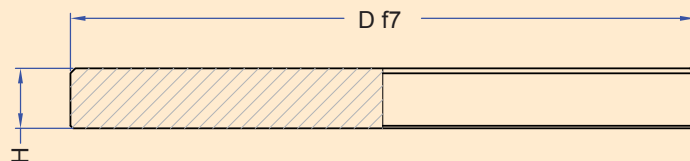
LRP - Location Ring
 Material : 1.7131



H	Ø D				
	100	101.6	110	125	175
14	✓	✓			
18			✓	✓	✓

✉ = LRP - D x H

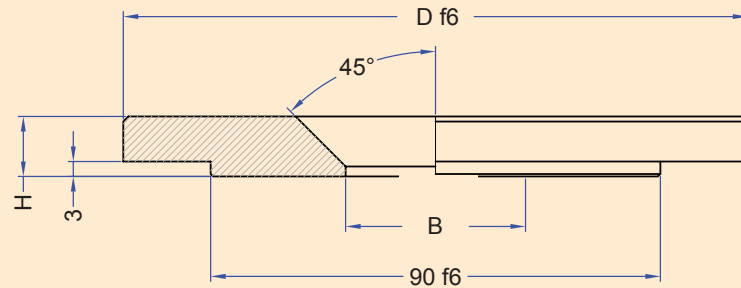
LRF - Location Ring
 Material : 1.7131



H	Ø D									
	80	90	100	101.6	110	120	125	160	175	200
12		✓	✓	✓	✓	✓	✓	✓	✓	✓
15	✓									
21		✓		✓	✓		✓			
23								✓		✓

✉ = LRF - D

LRS - Location Ring
 Material : 1.7131

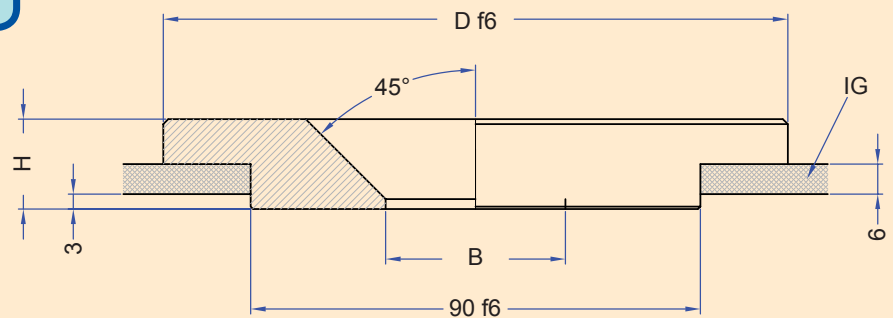


B	H	Ø D					
		90	100	101.6	110	125	160
26	12	✓	✓	✓	✓	✓	
36	12		✓	✓	✓	✓	✓
46	12		✓	✓	✓	✓	



= LRS - D x H x B

LRI - Location Ring
 Material : 1.7131



B	H	Ø D			
		100	101.6	110	125
36	18	✓	✓	✓	✓
46	18		✓	✓	✓

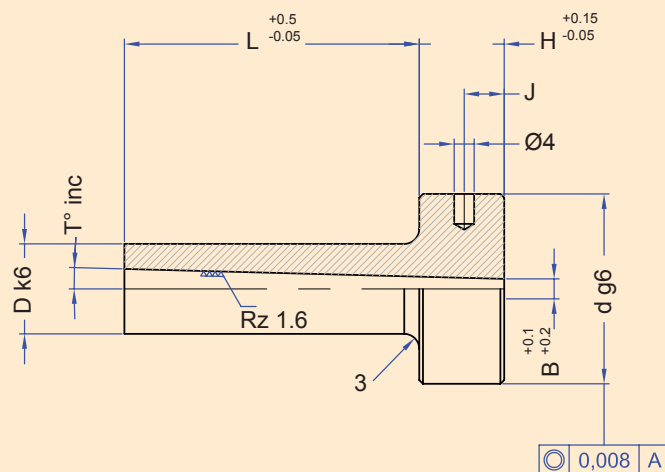


= LRI - D x H x B



SBF - Sprue Bush Flat

Material : 1.2826
 53 - 56 HRc

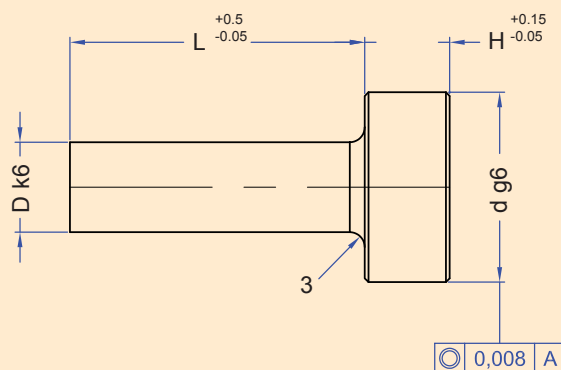


☒ = SBF - #

Ø D	d	H	J	B	T	L & # = ☒								
						22	27	36	46	56	76	96	116	136
12	28	13	6.5	2.5	2	12 22 22	12 22 27	12 22 36	12 22 46					
				3.5	2	12 32 22	12 32 27	12 32 36	12 32 46	12 32 56				
18	38	17	8	3	2		18 32 27	18 32 36	18 32 46	18 32 56	18 32 76	18 32 96	18 32 116	
					3		18 33 27	18 33 36	18 33 46	18 33 56	18 33 76			
				4	2		18 42 27	18 42 36	18 42 46	18 42 56	18 42 76	18 42 96	18 42 116	
					3		18 43 27	18 43 36	18 43 46	18 43 56	18 43 76			
24	48	23	11.5	4.5	3				24 43 46	24 43 56	24 43 76	24 43 96	24 43 116	24 43 136
				6.5	3					24 63 46	24 63 56	24 43 76		

SBB - Sprue Bush Blank

Material : 1.2826
 53 - 56 HRc



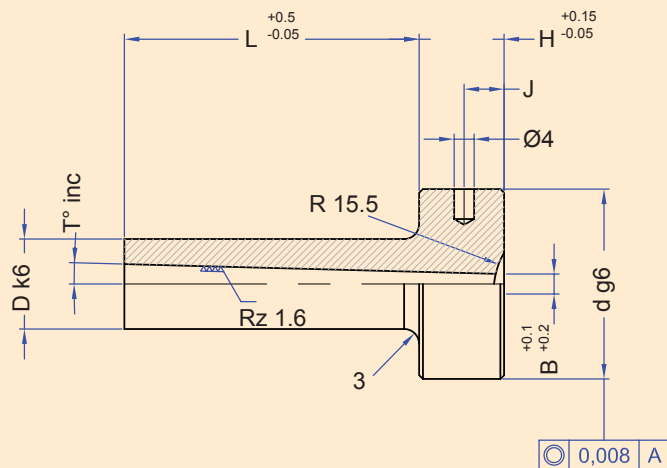
Ø D	d	H	L & # = ☒				
			36	56	76	96	136
18	38	18	18 00 36	18 00 56	18 00 76		
24	48	23		24 00 56	24 00 76	24 00 96	24 00 136

☒ = SBB - #



SBR - Sprue Bush 15 Radius

Material : 1.2826
 53 - 56 HRc

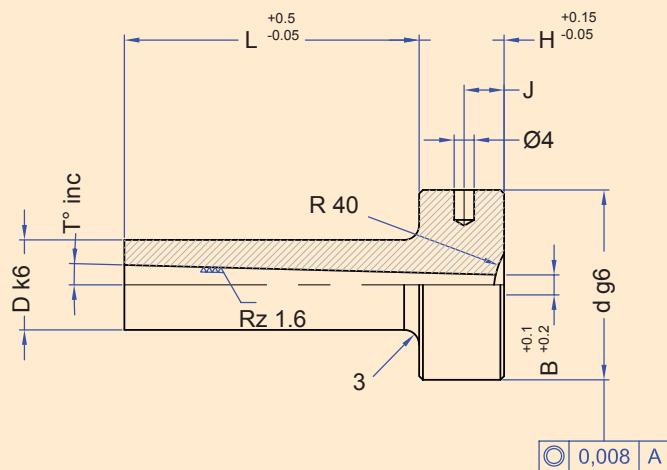


✉ = SBR 15 - #

Ø D	d	H	J	B	T	L & # = ☒								
						22	27	36	46	56	76	96	116	136
12	28	13	6.5	2.5	2	12 22 22	12 22 27	12 22 36	12 22 46					
				3.5	2	12 32 22	12 32 27	12 32 36	12 32 46	12 32 56				
18	38	17	8	3	2		18 32 27	18 32 36	18 32 46	18 32 56	18 32 76	18 32 96	18 32 116	
					3		18 33 27	18 33 36	18 33 46	18 33 56	18 33 76			
				4	2		18 42 27	18 42 36	18 42 46	18 42 56	18 42 76	18 42 96	18 42 116	
					3		18 43 27	18 43 36	18 43 46	18 43 56	18 43 76			
24	48	23	11.5	4.5	3				24 43 46	24 43 56	24 43 76	24 43 96	24 43 116	24 43 136
				6.5	3				24 63 46	24 63 56	24 43 76			

SBR - Sprue Bush 40 Radius

Material : 1.2826
 53 - 56 HRc

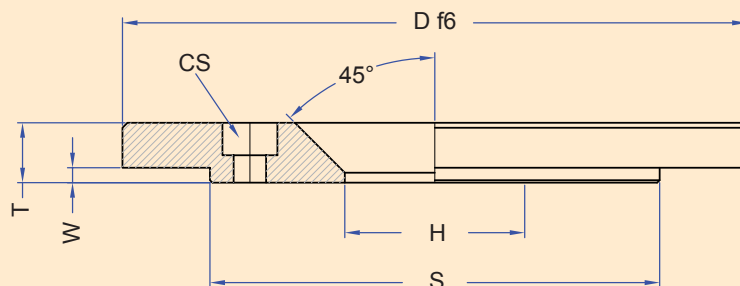


✉ = SBR 40 - #

Ø D	d	H	J	B	T	L & # = ☒								
						22	27	36	46	56	76	96	116	136
12	28	13	6.5	2.5	2	12 22 22	12 22 27	12 22 36	12 22 46					
				3.5	2	12 32 22	12 32 27	12 32 36	12 32 46	12 32 56				
18	38	17	8	3	2		18 32 27	18 32 36	18 32 46	18 32 56	18 32 76	18 32 96	18 32 116	
					3		18 33 27	18 33 36	18 33 46	18 33 56	18 33 76			
				4	2		18 42 27	18 42 36	18 42 46	18 42 56	18 42 76	18 42 96	18 42 116	
					3		18 43 27	18 43 36	18 43 46	18 43 56	18 43 76			
24	48	23	11.5	4.5	3				24 43 46	24 43 56	24 43 76	24 43 96	24 43 116	24 43 136
				6.5	3				24 63 46	24 63 56	24 43 76			

LRM - Location Ring

Material : 1.7131

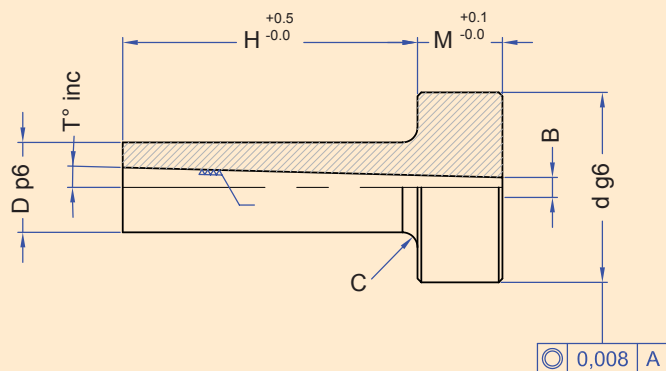


= LRM - D x T x S

S	W	H	T	Screws		Ø D / Old Code			
				CS	PCD	100	101.6	110	125
75	3.1	21	8	M5	56			LRM 04	
		34	10	M6	58	LRM 10	LRM 11	LRM 12	LRM 13
100	5.1	44	13	M8	76			LRM 22	LRM 23

M - Sprue Bush

Material : 1.6565
 soft condition



Ø D	d	C	M	B	T	H		
						52	88	119
12	25	2	13	3.5	2	M58		
					4	M56		
18	38	2	17	3.5	2		M64	
					4		M62	
				4.5	2		M74	
					4		M72	
25	48	4	26	4.5	2			M102
					4			M104

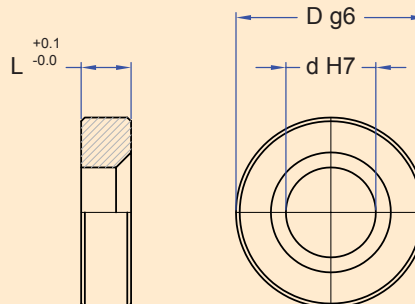


= M - #

SBS - Sprue Bush Spacer

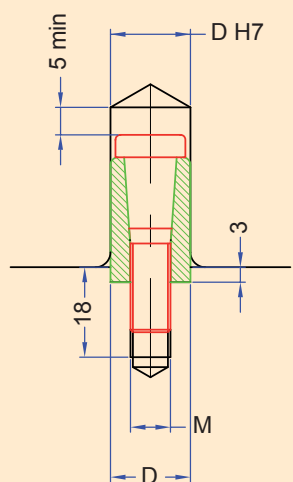
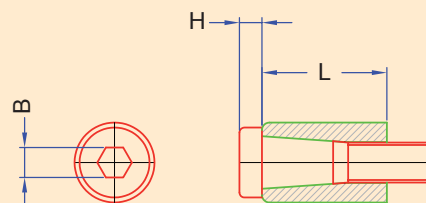
Material : 1.6565

Ø D	d	T	CP Thickness
25	12	4	20
		10	26
38	18	6	26
		16	36
48	25	10	36



 = SBS - D x T

PL - Parting Locks



Used primarily in 3 plate tooling, the lock works by means of a tapered screw which is used to expand the nylon ring out.

The friction created by the interference fit between the lock and the moving plate keeps the two items in contact until a greater force is used to pull them apart.

Fitting Notes

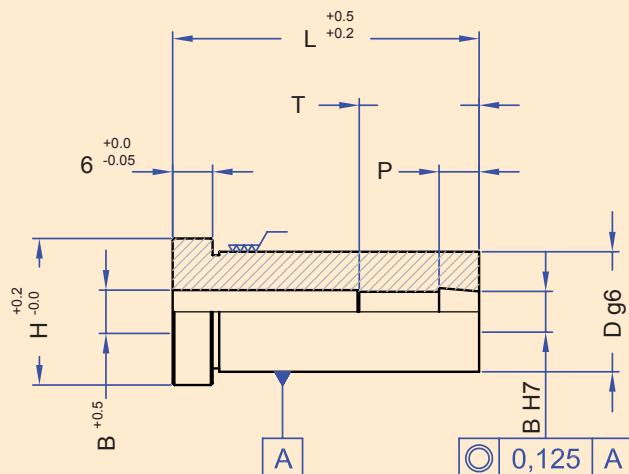
Ensure the lead in for the lock is a full radii and not square or chamfered.

Do not use any grease or lubricants on the parting locks as this will result in a loss of friction and possible failure.

	D	L	M	H	B
PL1018	10	18	5	3	4
PL1625	16	25	8	4.5	6

SEB - Sprue Ejector Bush

Material : 1.2826
 52 - 56 HRC

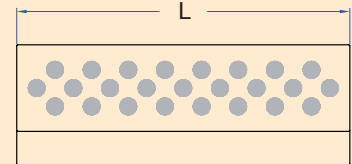
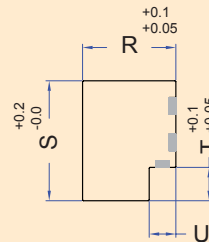


Ø B	D	H	T	P	L						
					20	26	36	46	56	76	96
4	12	16	12	4	✓	✓	✓	✓			
6	18	22	18	6		✓	✓	✓	✓	✓	
8	24	28	28	9.5			✓	✓	✓	✓	✓

☒ = SEB - B x L

LGL - Lubricated Guide Rails
Aluminium Bronze DIN 1714
+ ML2 Graphite Inserts

R	S	T	U	L		
				205	320	605
15	12	5	5	✓		
20	17	7	5	✓	✓	
	22			✓	✓	
28	27	10	8	✓	✓	✓
	36			✓	✓	✓
	46			✓	✓	✓
40	66	22	12	✓	✓	✓
	86	26		✓	✓	✓

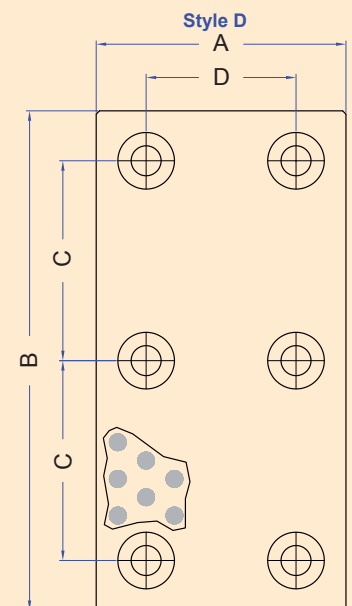
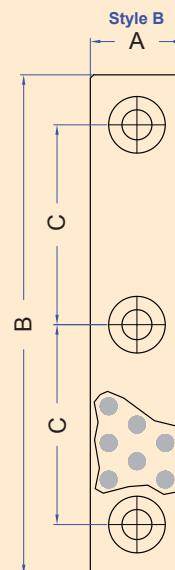
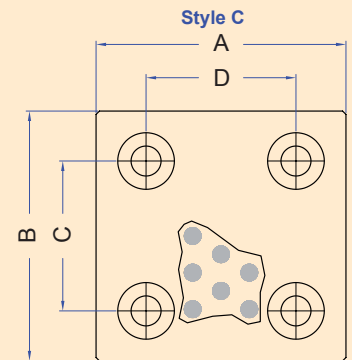
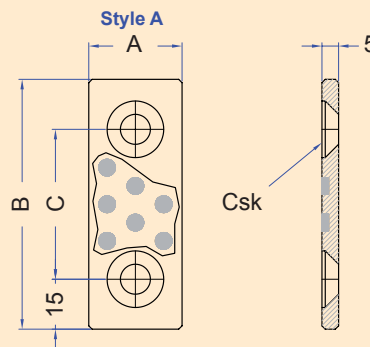


= LGL - R x S x L

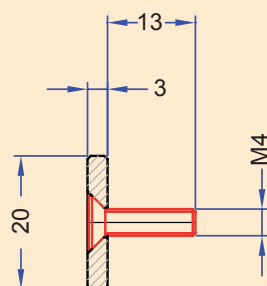
LPF - Lubricated Plates
Aluminium Bronze DIN 1714
+ ML2 Graphite Inserts

= LPF - A x B x 5

A	B	C	D	Style	Csk
18	50	20		A	M6
	75	45			
	100	70			
	150	60		B	
28	50	20		A	M8
	75	45			
	100	70			
	150	60		B	
38	50	20		A	M8
	75	45			
	100	70			
	150	60		B	
48	75	45		A	M8
	100	70			
	125	95			
	150	60		B	
75	75	45	45	C	M8
	100	70			
	125	95			
	150	60		D	
100	100	70	70	C	M8
	125	95			
	150	60		D	

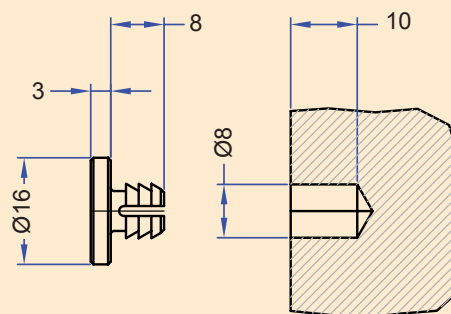


SD1 - Stop Disc



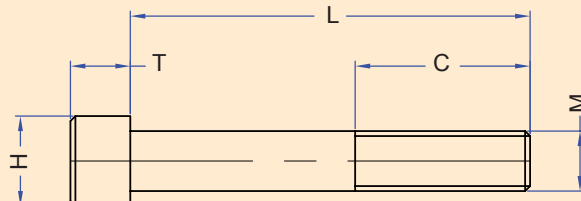
Supplied with M4 x 16 Csk

SB1 - Stop Button



CS - Cap Screws
ISO : 4762 / BS4168
Grade 12.9

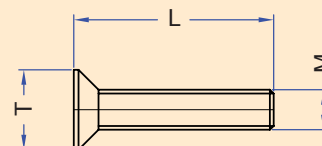
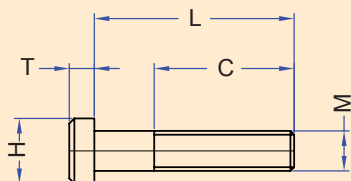
= CS - M x L



M	H	T	C	L																			
				10	16	20	25	30	35	40	45	50	60	70	80	90	100	110	120	140	160	180	200
4	7	4	20	✓				✓															
5	8.5	5	22	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										
6	10	6	24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
8	13	8	28	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
10	16	10	32			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
12	18	12	36			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	24	16	44					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	30	20	52						✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	

CSL - Cap Screws
ISO : 4762 / BS4168
Grade 12.9

CSK - Countersunk Screws
ISO : 4762 / BS4168
Grade 12.9



= CSL - M x L

= CSK - M x L

M	H	T	C	L					
				12	16	20	25	30	40
4	7	2.8	20	✓	✓	✓	✓	✓	
5	8.5	3.5	22		✓	✓	✓	✓	
6	10	4	24		✓	✓	✓	✓	✓
8	13	5	28		✓	✓	✓	✓	✓

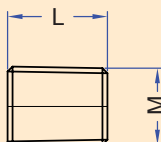
M	T	L						
		10	16	20	25	30	35	40
4	8	✓	✓	✓				
5	10	✓	✓	✓	✓	✓	✓	✓
6	12	✓	✓	✓	✓	✓	✓	✓
8	16		✓	✓	✓	✓	✓	✓



BSPT - Water Plugs
 ISO : 4762 / BS4168
 Grade 12.9
 (steel)

 = BSPT - M

M	L
1/8"	3/8"
1/4"	1/2"
3/8"	9/16"
1/2"	11/16"



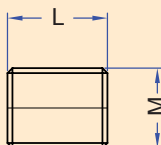
BSPT - Water Plugs
 ISO : 4762 / BS4168
 (brass)

 = BSPTB - M

M	L
1/8"	5/16"
1/4"	3/8"

GS - Grub Screws
 ISO : 4762 / BS4168
 Grade 45:H

 = GS - M x L

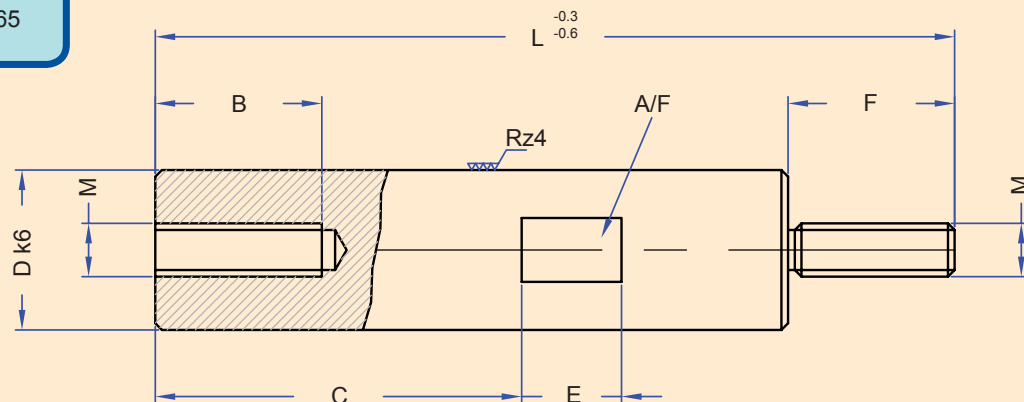


M	L			
	10	12	15	20
5		✓		
6	✓			
8		✓		
10			✓	
12				✓
16				✓
20				✓

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sales@dms-diemould.co.uk

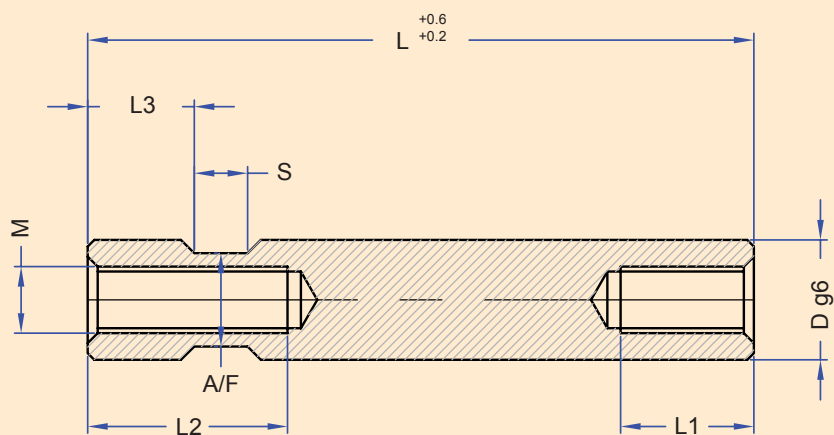
ER - Ejector Rod
 Material : 1.6565



Ø D	L	M	A/F	B	C	E	F
10	80	6	9	10	25	10	10
14	100	8	12	12	35	10	12
20	100	12	17	15	45	15	15
24	120	16	22	25	55	15	25
30	160	16	24	25	65	15	25

= ER - D

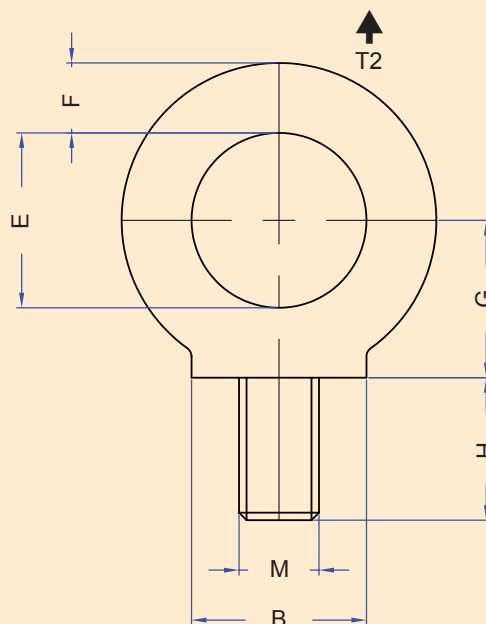
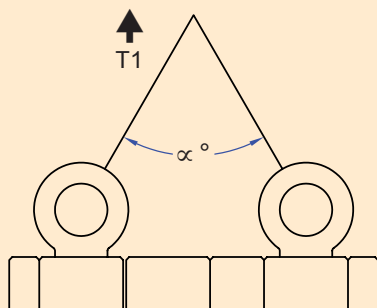
ERF - Ejector Rod
 Material : 1.7131
 Case Hardened : 58 - 62 HRc



= ERF - D x L

Ø D	L1	L2	L3	M	A/F	S	L											
							60	70	80	100	120	140	160	180	200	220	240	260
10	10	16	14	6	8	8	✓	✓	✓	✓	✓							
14	17	25	14	8	12	8	✓	✓	✓	✓	✓	✓	✓					
18	20	30	16	10	14	8				✓	✓	✓	✓	✓	✓	✓		
20	20	30	16	12	17	10			✓	✓	✓	✓	✓	✓	✓	✓		
24	25	35	22	12	19	12				✓	✓	✓	✓	✓		✓		
30	30	45	28	16	24	16							✓		✓		✓	✓

EBC - Eye Bolt



All DMS eye bolts are fully tested and are supplied with a certificate in accordance with the Factories Act 1961

 = EBC - M

M	T1 tonnes	T2 tonnes			B	E	F	G	H
		α 0° → 29°	α 30° → 59°	α 60° → 90°					
12	0.4	0.5	0.3	0.2	22	15	9	20	18
16	0.8	1.0	0.6	0.4	29	20	12	26	23
20	1.6	2.0	1.2	0.8	40	27	16	36	32
24	2.5	3.2	2.0	1.2	52	35	21	46	40
30	4.0	5.0	3.2	2.0	65	44	26	58	51
36	6.3	8.0	5.0	3.2	81	54	32	72	63
42	8.0	10.0	6.3	4.0	90	60	36	80	70
48	10.0	12.5	8.0	5.0	101	68	40	90	79
52	12.5	16.0	10.0	6.3	115	76	46	102	89
56	16.0	20.0	12.5	8.0	128	86	51	114	100
64	20.0	25.0	16.0	10.0	144	96	58	128	112

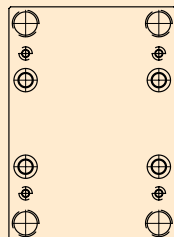
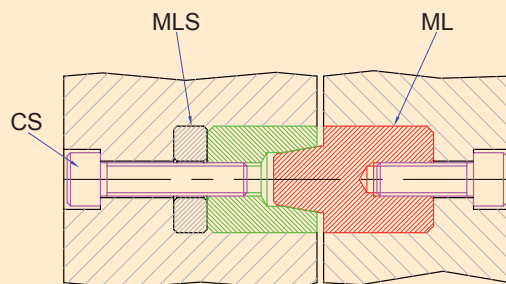
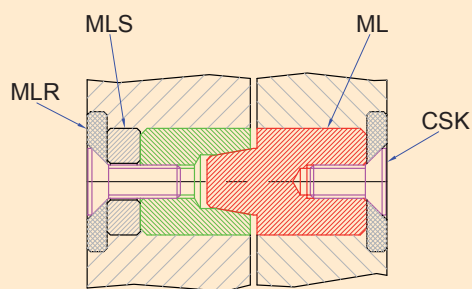
Download CAD data at
www.dms-diemould.co.uk

enquiries to -
sales@dms-diemould.co.uk

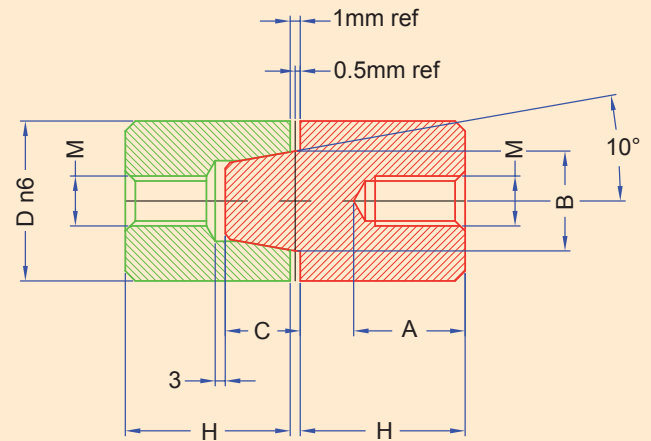
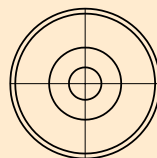
ML - Matchlock

Material : 1.7131
 Case Hardened : 58 - 62 HRC

 = ML - D x H

**MLR - Matchlock Retainer**

Material : 1.7131
 Case Hardened : 58 - 62 HRC



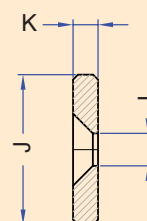
D	B	C	M	A	H		
					15	21	30
12	7	5	5	8	✓		
20	13	10	6	9		✓	
25	16	11	6	9		✓	
32	20	14	8	12			✓
42	30	16	8	12			✓

Design :

Pillar and bush supplied in sets.
 Used when accurate alignment is essential.
 Used in two's or four's.

Fitting :

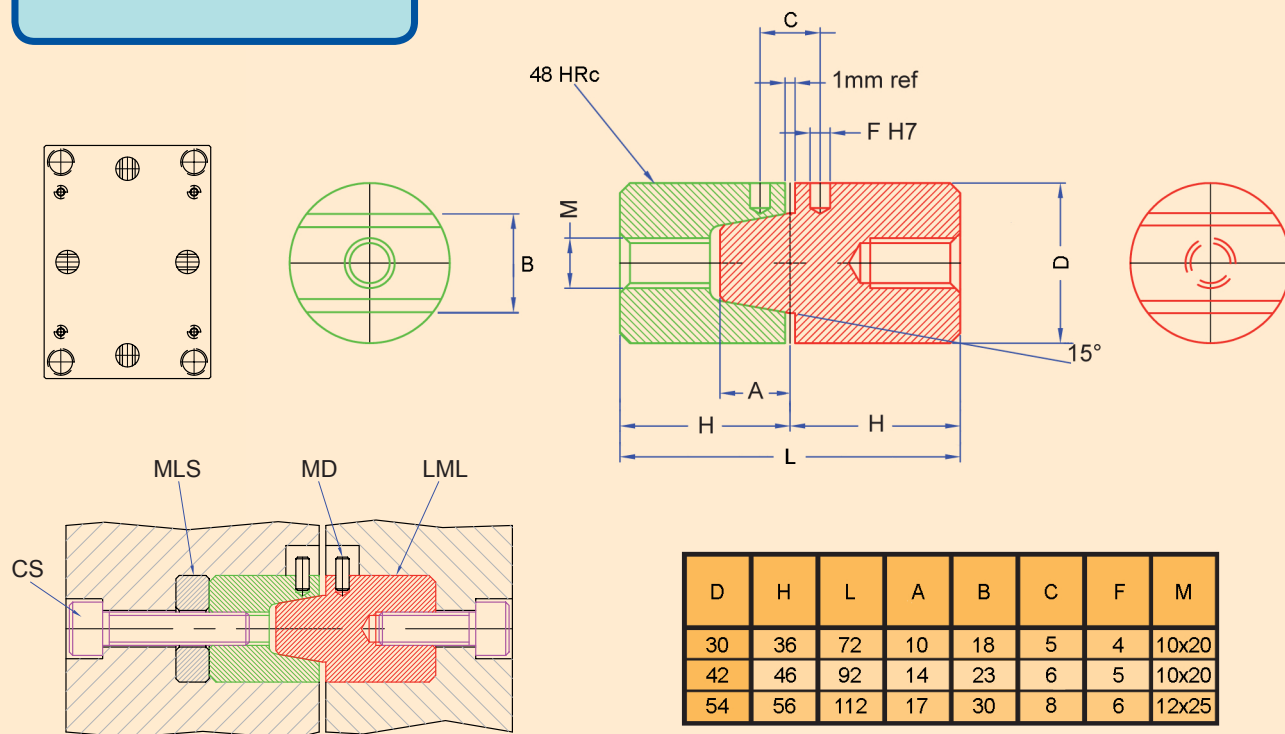
Bore out to an H7 tolerance.
 On blind holes, ensure that the bores
 are flat bottomed.



J	K	L	
25	5	6.5	ML-20
30	5	6.5	ML-25
37	6	8.5	ML-32
47	6	8.5	ML-42

LML - Matchlock
 Material : 1.2363

☒ = LML - D x H



Design :

Pillar and bush supplied in sets.

Used when accurate alignment of the tool is essential.

Used in sets of four's.

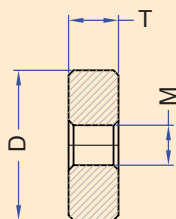
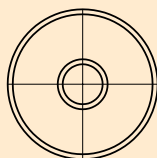
Used on tools where there is a difference in expansion of the two halves.

Fitting :

Bore out to an H7 tolerance.

On blind holes, ensure that the bores are flat bottomed.

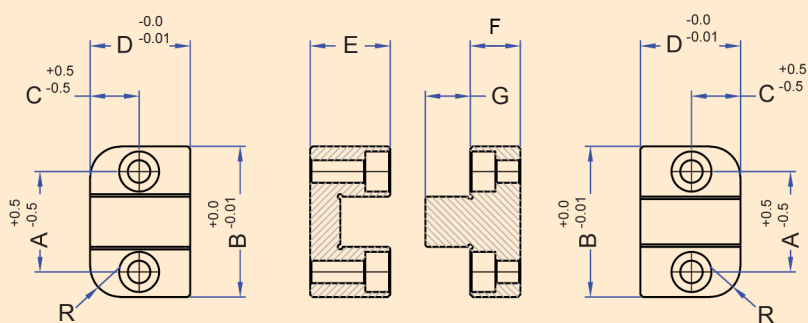
D	M	T
12	4.5	10
20	8.5	
25	10.5	15
30	12.5	10
32	12.5	20
42	10.5	10
		20



MLS - Matchlock Spacer
 Material : 1.7131
 Case Hardened : 58 - 62 HRC

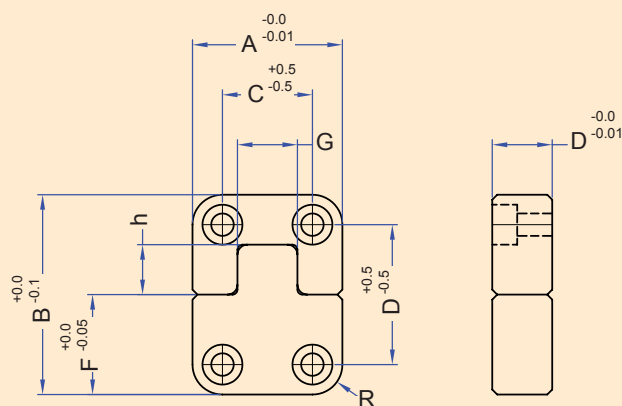
☒ = MLS - D x T

A	B	C	D	E	F	G	R	Screws	☒
20	30	9.8	20	16	10	9	6	M4	TL-030
28	40	12.3	25	18	12	10	10	M5	TL-040
36	50	14.8	30	20	16	11	10	M6	TL-050



Sold as a set with cap screws.

Male - Black Oxide Finish
Female - Titanium Nitride Finish

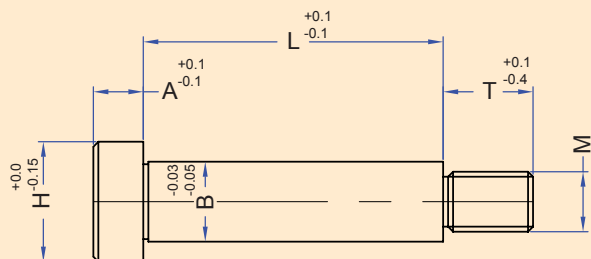


A	B	C	D	F	G	R	T	h	Screws	
30	40	18	28	20	12	6	12	10	M4	SL-030
40	46	26	32	20	16	6	12	11	M5	SL-040
50	62	32	44	26	17	6	16	12	M6	SL-050
3"	2.995"	2.120"	2.115"	1.120"	1.125"	5/16"	0.745"	0.880"	1/4"	SL-075
4"	3.245"	2.750"	1.995"	1.370"	1.375"	3/8"	0.875"	0.942"	3/8"	SL-100
5"	3.745"	3.750"	2.495"	1.370"	1.750"	3/8"	1.120"	1.255"	3/8"	SL-125



SS - Shoulder Screws
ISO : 4762 / BS4168
Grade 12.9

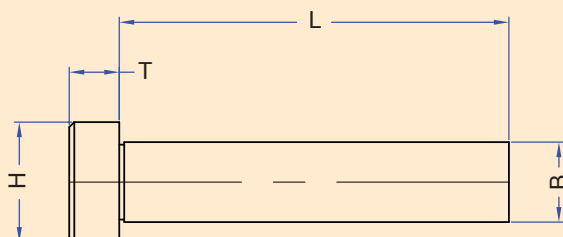
= SS - M x B x L



M	B	H	A	T	L															
					12	16	20	25	30	40	50	60	70	80	90	100	120	140	160	180
5	6	10	4.5	10	✓	✓	✓	✓	✓	✓										
6	8	13	5.5	11	✓	✓	✓	✓	✓	✓	✓									
8	10	16	7	13			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		
10	12	18	8	16			✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
12	16	24	10	18					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	20	30	14	22						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SSB
Shoulder Screw Blanks
Material = 1.6565

= SSB - B x L



B	H	T	L				
			160	200	250	315	400
10	16	7	✓	✓	✓	✓	✓
12	18	8	✓	✓	✓	✓	✓
16	24	10	✓	✓	✓	✓	✓



TERMS AND CONDITIONS OF SALE

1) CUSTOMER CONDITIONS DO NOT APPLY.

All quotations are made and all orders are accepted subject to the following conditions. All other terms, conditions or warranties whatsoever are excluded from the contract or any variation thereof unless expressly accepted by a Director of the Supplier in writing.

2) DELIVERY.

Every effort will be made to keep delivery dates. Time for delivery is given as accurately as possible but it is not guaranteed nor is it the essence of the contract. The customer has no right to damages or to cancel the order for failure for any cause to meet any delivery time stated.

3) LIABILITY.

No liability can be accepted for loss caused through delay for reasons beyond our control or by an industrial dispute of any kind (whether involving our employees or not) or by any failure to obtain materials, goods or equipment from a supplier through no fault of our own in due time to observe delivery dates. The supplier's right is reserved to repudiate the contract and/or suspend delivery as long as any payment for goods previously invoiced is in arrears without liability for damage or consequential loss and without prejudice to the Suppliers right to recover all sums owing to it.

4) PRICES.

The prices quoted are subject to fluctuation without prior notice. Goods will be invoiced at prices ruling at the date of despatch notwithstanding any quotation or prior acceptance of order. All prices are unless otherwise stated net exclusive VAT and carriage charges. Post or Carriage and packing will be payable by the Customer in addition to the price of the goods.

5) EXPORT.

These goods are offered on the understanding that they will not be exported from the United Kingdom for resale.

6) PAYMENT.

Payment is due 30 days after the date of the invoice. No disputes arising under the contract nor delays beyond the reasonable control of the Supplier shall interfere with the prompt payment in full by the Customer.

7) INTEREST.

The Company reserves the right to charge interest at 2% per month on overdue accounts.

8) COLLECTION COSTS.

Should it be necessary for the Company to instruct a third party e.g. Solicitor or Collection Agency to collect any outstanding balance on behalf of the Company, then the following Administration Charges will be payable:

On outstanding balance up to £5,000 – 5% of the debt.

Outstanding balance over £5,000 – 3%.

These charges are in addition to any Court and Solicitors fees which may be payable.

9) MINIMUM ORDER VALUE. £15.00.

10) RETURN OF GOODS.

Goods must not be returned to us for credit without obtaining our authorisation in writing. A handling charge of 10% of the purchase price will be made and we reserve the right to charge the Customer additionally for all reasonable costs and expenses incurred by the Supplier in respect of returns.

11) PACKING.

Unless stated otherwise, the Customer shall be charged for packing cases, these being non-returnable. Packing shall provide adequate protection throughout normal conditions of transit of normal duration. Packing is not suitable for long-term storage. Special requirements for packing must be stated on the order and will be chargeable.

12) LAW.

The contract shall be governed and interpreted exclusively according to the law of England and shall be subject to the jurisdiction of the English courts only.

13) TITLE AND RISK.

Title to the goods shall only pass to the Customer when the Customer has paid to the Supplier all the sums due and payable by the Customer under the contract and all other prior agreements between the supplier and the Customer. If the Customer fails to pay such sums the Supplier shall be entitled to repossess the goods of which title has not passed to the Customer. The Customer hereby licenses the Supplier, its officers, employees and agents to enter the premises of the Customer for the purpose of either satisfying itself that the goods are kept separately from other goods or to repossess the goods. Until title of the goods has passed to the Customer pursuant to the terms hereof, it shall possess the goods as a bailee of the supplier on the terms of this contract. Risk shall pass to the Customer so that the Customer is responsible for all loss, damage or deterioration to the goods at the time the goods arrive at the place of delivery if the Supplier delivers the goods by its own transport or if the Supplier arranges transport of the goods. In all other circumstances risk shall pass to the Customer at the time the goods leave the premises of the Supplier.

14) CONSUMER PROTECTION ACT.

In circumstances where the Supplier supplies parts or products to the Customer for incorporation with, or use ancillary to, and composite products to be produced, manufactured, processed or supplied by Customers then:- The Customer shall forthwith on demand produce for inspection by the Supplier copies of all written instructions, information and warnings to be supplied by the Customer in relation to the said composite products, provided nevertheless that such inspection or right to inspect shall not in itself constitute acceptance or approval on the part of the Supplier of such instructions, information or warnings. The Customer shall indemnify, reimburse and compensate the Supplier for all losses and damages (including costs, expenses and charges for legal actions in which the Supplier may be involved) that the Supplier may incur in the event that any claim or claims are made against the Company pursuant to the Act relating to the said composite products of the Customer or products in circumstances of which part of the product supplied by the supplier was either (i) not the defective part of the said composite product or (ii) was only rendered the defective part or became a defective product by reason of instructions or warnings given by the Customer or other supplier of the said composite product or products. For the purpose of this condition the word "defective" shall be interpreted in accordance with the definition contained in the Act.

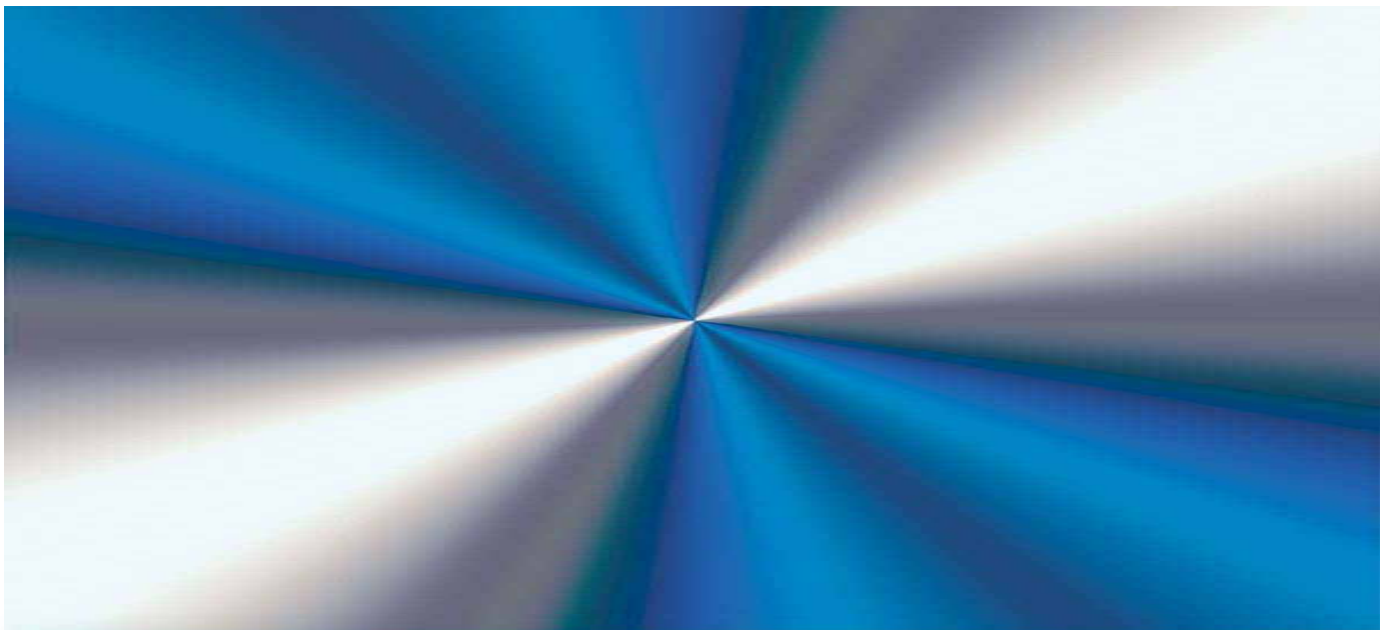
15) INDEMNITY FOR PERSONAL INJURY.

Save where the Supplier is shown to have failed to exercise reasonable care in the manufacture and/or supply of the goods and such failure results in the death or personal injury the Supplier shall not be liable in respect of claims arising by reason of death or personal injury. Further, under no circumstances whatsoever shall the Supplier be liable for consequential loss (including the removal or rectification work required in connection with the installation of repaired or substituted goods), loss of profits, damage to property, waste, expenditure or cost of mitigation.

16) HEALTH & SAFETY AT WORK.

Whilst every reasonable care is taken to ensure that our products are safe, you are requested to pay particular attention to applying the proper health and safety precautions in the use of our products.

Our complete list of Terms and Conditions are listed at www.dms-diemould.co.uk.



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