

Low Head Shoulder Screws

Shaft Dia. Tolerance e9/g6/h7

Low Head Shoulder Screws
- Shaft Dia. Tolerance e9/g6/h7 -

RoHS

Type	D Tolerance	Material	Hardness	Strength Class
LMSB	e9	4137 Alloy Steel	28-37HRC	9.8 Equivalent
LSMSB	-	304 Stainless Steel	-	A2-50
LMSBG	g6	4137 Alloy Steel	28-37HRC	9.8 Equivalent
LSMSBG	-	304 Stainless Steel	-	A2-50
LMSBH	h7	4137 Alloy Steel	28-37HRC	9.8 Equivalent
LSMSBH	-	304 Stainless Steel	-	A2-50

g6=1 dot, h7=2 dots, e9=None

D Tolerance						
D	e9	g6	h7	A	B	T
4				6.5	2.5	4.5
4.5	-0.020	-0.004	0	7	1.6	5.0
5	-0.050	-0.012	-0.012	8	2	5.5
5.5				9	2.2	6.0
6				10	2.5	6.5
6.5	-0.025	-0.005	0	10	2.5	7.0
8	-0.061	-0.014	-0.015	13	3	8.7
10				16	4	10.8

Part Number	Type	D	L (Both g6 and h7 tolerance are applicable only to sizes marked with *)	LMSB		LSMSB		LMSBG		LSMSBG		LMSBH		LSMSBH	
				Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
		4	*10 *15 *20												
		4.5	*10 *15 *20 25 30 35 40												
		5	*10 *15 *20 *25												
		5.5	*10 *15 *20 *25 30 35 40												
		6	*10 *15 *20 *25												
		6.5	*10 *15 *20 *25 30 35 40												
		8	*10 *15 *20 *25 30 35 40												
		10	*10 *15 *20 *25 30 35 40												

Ordering Example: Part Number **LMSB6.5** - L **30** Days to Ship **Configure Online** Price **Configure Online**

Low Head Shoulder Screws
- Shaft Dia. Tolerance e9/g6/h7 -
L/F Dimension Configurable

RoHS

Type	D Tolerance	Material	Hardness	Strength Class
FMSB	e9	4137 Alloy Steel	28-37HRC	9.8 Equivalent
FSMSB	-	304 Stainless Steel	-	A2-50
FMSBG	g6	4137 Alloy Steel	28-37HRC	9.8 Equivalent
FSMSBG	-	304 Stainless Steel	-	A2-50
FMSBH	h7	4137 Alloy Steel	28-37HRC	9.8 Equivalent
FSMSBH	-	304 Stainless Steel	-	A2-50

D Tolerance						
D	e9	g6	h7	A	B	T
4				6.5	2.5	4.5
4.5	-0.020	-0.004	0	7	1.6	5.0
5	-0.050	-0.012	-0.012	8	2	5.5
5.5				9	2.2	6.0
6				10	2.5	6.5
6.5	-0.025	-0.005	0	10	2.5	7.0
8	-0.061	-0.014	-0.015	13	3	8.7
10				16	4	10.8

Part Number	Type	D	L 0.1mm Increment	F 1mm Increment	L + F Machining Conditions	Unit Price					
						FMSB	FSMSB	FMSBG	FSMSBG	FMSBH	FSMSBH
		4	10-40		L+F≤45						
		4.5	10-40		L+F≤46						
		5	10-40		L+F≤46						
		5.5	10-40	M≤F≤Mx3	L+F≤47						
		6	10-40		L+F≤47						
		6.5	10-50		L+F≤59						
		8	10-60		L+F≤70						
		10	10-60		L+F≤72						

Ordering Example: Part Number **FMSB4.5** - L **30.5** - F **4** Price **Configure Online**

Days to Ship **Configure Online**

Reamer Bolts

Reamer Bolts

RoHS

RMB SRMB (Stainless Steel)

SRMBR / SRMBR (Stainless Steel)

The head is not knurled.

Type	Material	Surface Treatment
RMB / RMBR	1045 Carbon Steel	Black Oxide
SRMB / SRMBR	304 Stainless Steel	-

Part Number	Type	Dg6	L	M (Coarse)	B	B1	(C)	A	H	t max	d	a	Unit Price			
													RMB	SRMB	RMBR	SRMBR
		5	-0.004	23 26 29	M5	6	3	11.5	8.5	3.5	2.4	9.0				
		6	-0.012	23 26 29 32 35	M6	8	10	4	10	4.0	3	0.5				
		8	-0.005	32 35 36 38	M8	10	13	5	15.0	13	3.75	10.4				
		10	-0.014	36 38 39 42	M10	12	17	-	19.6	6.5	4.5	12.9				
		12	-0.006	39 42 45 48 52 55	M12	16	19	-	21.9	8.0	-	15.4				
		16	-0.017	52 55 58	M16	20	22	-	25.4	10.0	-	19.4				

Ordering Example: Part Number **RMB10** - L **39** Days to Ship **Configure Online** Price **Configure Online**

ex L dimension of reamer bolt is specified with the assumption of use as below.

Hex Socket Head Reamer Bolts
-Configurable Length-

RoHS

RMBF SRMBF (D5-10) (Project Part under Head)

RMBFB SRMBFB (D5-10) (No Project Part under Head)

RMBFR SRMBFR (D5-8)

The outer hex head (B) and the hex socket (B1) are not accurately aligned.

Type	Material	Surface Treatment
RMBF RMBFB	1045 Carbon Steel	Black Oxide
SRMBF SRMBFB	304 Stainless Steel	-

The head is not knurled.

Part Number	Type	Dg6	L	F	M (Coarse)	B	B1	(C)	A	H	t max	t max	d	a	Unit Price			
															RMBF / RMBFB	SRMBF / SRMBFB	RMBFR	SRMBFR
		5	-0.004	20-29	M5	10	3	11.5	8.5	3.5	2.7	2.4	9.0					
		6	-0.012	20-35	M6	10	4	10	4	3	3	0.5						
		8	-0.005	20-38	M8	13	5	15.0	13	3.8	3.75	10.4						
		10	-0.014	20-42	M10	17	6	19.6	6.5	4.5	-	12.9						
		12	-0.006	20-55	M12	19	8	21.9	8	5	-	15.4						
		16	-0.017	20-58	M16	22	10	25.4	10	6	-	19.4						

Ordering Example: Part Number **RMBF5** - L **28** - F **F10** Days to Ship **Configure Online** Price **Configure Online**

Days to Ship **Configure Online**