

Low Head Shoulder Screws

Shaft Dia. Tolerance e9/g6/h7

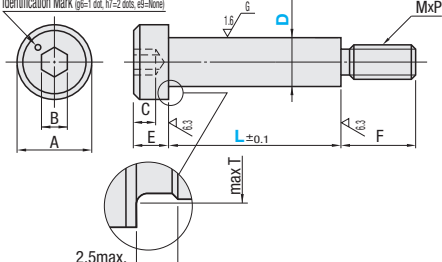
Low Head Shoulder Screws

Shaft Dia. Tolerance e9/g6/h7

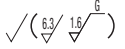


Type	D Tolerance	Material	Hardness	Strength Class
LMSB	e9	SCM435	28~37HRC	9.8 Equivalent
LSMSB	e9	SUS304 Equivalent	-	A2-50
LMSBG	g6	SCM435	28~37HRC	9.8 Equivalent
LSMSBG	g6	SUS304 Equivalent	-	A2-50
LMSBH	h7	SCM435	28~37HRC	9.8 Equivalent
LSMSBH	h7	SUS304 Equivalent	-	A2-50

Identification Mark (g=1 dot, h=2 dots, e=3 dots)



RoHS10



D Tolerance				A	B	C	E	F	MxP	T
D	e9	g6	h7							
4				6.5			2	5	2.5x0.45	4.5
4.5				7	2.5	1.6	2	6	3x0.5	5.0
5	-0.020	-0.004	0	8			2	6		5.5
5.5	-0.050	-0.012	-0.012	9	3	2.2	2.5	6	4x0.7	6.0
6				10	4	2.5	3	9	5x0.8	7.0
6.5	-0.025	-0.005	0	13	5	3	4	9	6x1.0	8.7
8	-0.061	-0.014	-0.015	16	6	4	5	12	8x1.25	10.8

Part Number		L		LMSB		LSMSB		LMSBG		LSMSBG		LMSBH		LSMSBH	
Type		D		Unit Price		Unit Price		Unit Price		Unit Price		Unit Price		Unit Price	
				1 ~ 9 pcs		10 ~ 100 pcs		1 ~ 9 pcs		10 ~ 100 pcs		1 ~ 9 pcs		10 ~ 100 pcs	
LMSB LSMSB LMSBG LSMSBG LMSBH LSMSBH	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 - L
LSMSB6.5 - 30

Low Head Shoulder Screws

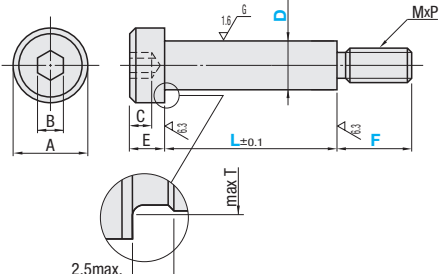
Shaft Dia. Tolerance e9/g6/h7

L, F Dimension Configurable

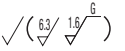


Type	D Tolerance	Material	Hardness	Strength Class
FMSB	e9	SCM435	28~37HRC	9.8 Equivalent
FSMSB	e9	SUS304 Equivalent	-	A2-50
FMSBG	g6	SCM435	28~37HRC	9.8 Equivalent
FSMSBG	g6	SUS304 Equivalent	-	A2-50
FMSBH	h7	SCM435	28~37HRC	9.8 Equivalent
FSMSBH	h7	SUS304 Equivalent	-	A2-50

Identification Mark (g=1 dot, h=2 dots, e=3 dots)



RoHS10



D Tolerance				A	B	C	E	MxP	T
D	e9	g6	h7						
4				6.5			2	2.5x0.45	4.5
4.5				7	2.5	1.6	2	3x0.5	5.0
5	-0.020	-0.004	0	8			2		5.5
5.5	-0.050	-0.012	-0.012	9	3	2.2	2.5	4x0.7	6.0
6				10	4	2.5	3	5x0.8	7.0
6.5	-0.025	-0.005	0	13	5	3	4	6x1.0	8.7
8	-0.061	-0.014	-0.015	16	6	4	5	8x1.25	10.8

Part Number		L 0.1mm Increment		F 1mm Increment		L+F Machining Conditions		Unit Price					
Type		D						FMSB	FSMSB	FMSBG	FSMSBG	FMSBH	FSMSBH
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				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							

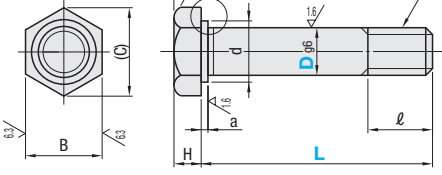
Ordering Example
Part Number - L - F
FMSB4.5 - 30.5 - 4

Reamer Bolts

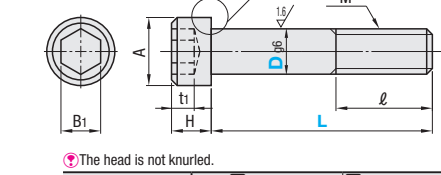
Reamer Bolts



RMB
SRMB
(Stainless Steel)



RMBR
SRMBR
(Stainless Steel)



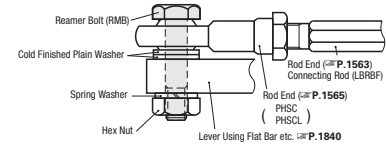
The head is not knurled.

Type	Material	Surface Treatment
RMB, RMBR	S45C	Black Oxide
SRMB, SRMBR	SUS304 Equivalent	-

Part Number		L		M		B		B1		(C)		A		H		t1 max		d		a		Unit Price			
Type		Dg6																				RMB	SRMB	RMBR	SRMBR
RMB (D5~16) SRMB (D5~10)	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		5.0		3.75					
	10	-0.014		36 38 39 42		M10		12		17		5		19.6		6.5		10.4		12.9					
RMBR (D5~8) SRMBR (D5~8)	12	-0.006		39 42 45 48 52 55		M12		16		19		-		21.9		8.0		15.4		19.4					
	16	-0.017		52 55 58		M16		20		22		-		25.4		10.0		19.4		19.4					

Ordering Example
Part Number - L
RMB10 - 39

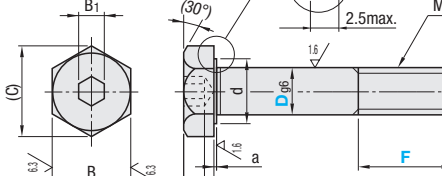
ex Example
L dimension of reamer bolt is specified with the assumption of use as below.



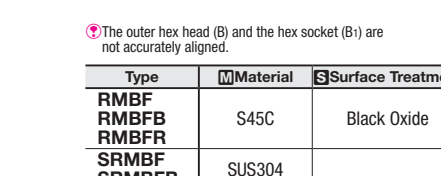
Hex Socket Head Reamer Bolts - Configurable Length



RMBF
SRMBF
(D5~10)



RMBFB
SRMBFB
(D5~10)



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

Type	Material	Surface Treatment
RMBF RMBFB RMBFR	S45C	Black Oxide
SRMBF SRMBFB SRMBFR	SUS304 Equivalent	-

Part Number		1mm Increment		M		B		B1		(C)		A		H		t1 max		d		a		Unit Price			
Type		Dg6																				RMBF, RMBFB	SRMBF, SRMBFB	RMBFR	SRMBFR
RMBF SRMBF (D5~10)	5	-0.004		20~29		M5		10		3		11.5		8.5		3.5		2.7		2.4					
	6	-0.012		20~35		M6		13		5		15.0		10		4		3		3					
	8	-0.005		20~38		M8		17		6		19.6		6.5		4.5		12.9		10.4					
	10	-0.014		20~42		M10		19		8		21.9		8		5		15.4		19.4					
RMBFR SRMBFR (D5~8)	12	-0.006		20~55		M12		22		10		25.4		10		6		19.4		19.4					
	16	-0.017		20~58		M16		22		10		25.4		10		6		19.4		19.4					

Ordering Example
Part Number - L - F
RMBF5 - 28 - F10