

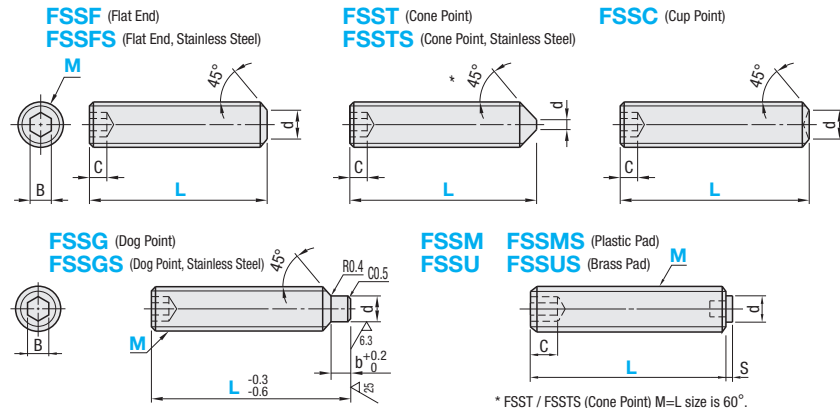
Configurable Length Screws with Hex Sockets

Tip Shape Selectable

Configurable Length Screws with Hex Sockets Tip Shape Selectable



Type	Material	Surface Treatment	Pad
FSSF FSST FSSC FSSG	EN 1.1191 Equiv.	Black Oxide	-
FSSM	EN 1.7220 Equiv.	Black Oxide Coating	White Polyacetal
FSSU	-	-	Free-cutting Brass (EN CW614N Equiv.)
FSSFS FSSTS FSSGS	EN 1.4301 Equiv.	-	White Polyacetal
FSSMS	-	-	Free-cutting Brass (EN CW614N Equiv.)
FSSUS	-	-	-



Part Number		L 1mm Increment	B	C (Min.)	d (Max.)					S (with Plastic / Brass Pad)	b (Dog Point)
Type	M				Flat End	Cone Point	Cup Point	Dog Point	with Plastic / Brass Pad		
FSSF (Flat End)	5	20~250	2.5	3	3.5	1.25	2.5	4	3	1	4
FSSFS (Flat End, Stainless Steel)	6		3.0	3.5	4.0	1.5	3	4	4	1	4
FSST (Cone Point)	8	20~400	4.0	5	5.5	2.0	5	6	5	2	5
FSSTS (Cone Point, Stainless Steel)	8		4.0	5	5.5	2.0	5	6	5	2	5
FSSC (Cup Point)	10		5.0	6	7	2.5	6	8	6	2	6
FSSG (Dog Point)	12		6.0	8	8.5	3	8	8	8	2	7
FSSGS (Dog Point, Stainless Steel)	12		6.0	8	8.5	3	8	8	8	2	7
FSSM FSSMS (Plastic Pad)	16		8.0	10	12	4	10	10	10	3	9
FSSU FSSUS (Brass Pad)	20		10.0	12	15	5	14	12	13	3	11

Ordering Example
Part Number - L
FSSTS6 - 100

M	L	Unit Price										
		FSSF	FSST	FSSC	FSSG	FSSM	FSSU	FSSFS	FSSTS	FSSGS	FSSMS	FSSUS
5	20~100											
	101~200											
	201~250											
6	20~100											
	101~200											
	201~250											
8	20~100											
	101~200											
	201~400											
10	20~100											
	101~200											
	201~400											
12	20~100											
	101~200											
	201~400											
16	20~100											
	101~200											
	201~400											
20	20~100											
	101~200											
	201~400											

Alterations
Part Number - L - (JIS-SKH (TS for hot work))
FSSTS6 - 100 - SKH

Alteration	Tip Induction Hardened
Code	SKH
Spec.	Induction hardening at 2 ~ 3mm away from the tip. Hardness: 40 ~ 45HRC (Ordering Code) JIS-SKH (TS for hot work) Applicable only to FSSF, FSST and FSSG.

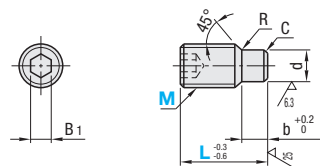
Hexagon Socket Screws - Dog Point

Hex Socket Set Screws / Hex Socket Head Cap Screws Standard and Configurable

Hexagon Socket Screws - Dog Point



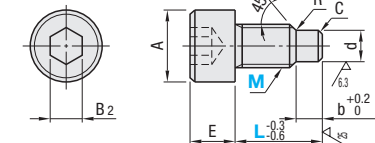
MSSG (Hex Socket Set Screws)



These differ from JIS dog point set screws in dimension of nose portion.
Use for rough locking of shafts, etc. where continuous load is not imparted to the nose portion.

CBBG (Hex Socket Head Cap Screws)

CBBGS (Hex Socket Head Cap Screws, Stainless Steel)



Type	Material	Hardness	Surface Treatment
MSSG	EN 1.7220 Equiv.	45HRC~	Black Oxide
CBBG	EN 1.7220 Equiv.	38~43HRC	-
CBBGS	EN 1.4301 Equiv.	-	-

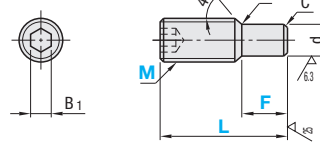
Part Number		L										B1	B2	A	E	d		b	C	R	Unit Price		
Type	M (Coarse)															Reference Dim.	Tolerance				MSSG	CBBG	CBBGS
MSSG CBBG CBBGS	4	12	16	20	25	30					2	3	7	4	3	-0.1	3	0.3	0.5				
	5	12	16	20	25	30					2.5	4	8.5	5	4	-0.2	4						
	6	12	16	20	25	30	35	40			3	5	10	6	6	-0.1	5						
	8	16	20	25	30	35	40	45			4	6	13	8	6	-0.1	5	0.5	1				
	10	20	25	30	35	40	45	50			5	8	16	10	8	-0.3	6						

Hexagon Socket Screws - Dog Point Configurable



FMSSG (Hex Socket Set Screws)

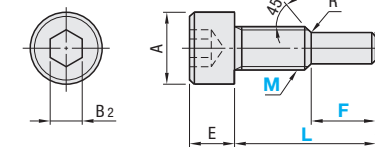
FMSSGS (Hex Socket Set Screws, Stainless Steel)



Use for rough locking of shafts, etc. where continuous load is not imparted to the nose portion.

FCBBG (Hex Socket Head Cap Screws)

FCBBGS (Hex Socket Head Cap Screws, Stainless Steel)

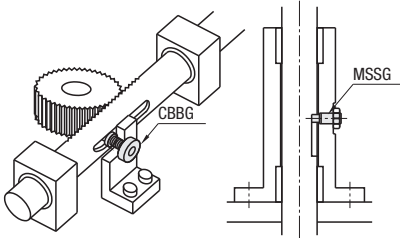


Type	Material	Hardness	Surface Treatment
FMSSG	EN 1.7220 Equiv.	45HRC~	Black Oxide
FCBBG	EN 1.7220 Equiv.	38~43HRC	-
FMSSGS FCBBGS	EN 1.4301 Equiv.	-	-

Part Number		L		F 1mm Increment	B1	B2	A	E	d		C	R	Unit Price			
Type	M (Coarse)	FMSSG, FMSSGS	FCBBG, FCBBGS						Reference Dim.	Tolerance			FMSSG	FMSSGS	FCBBG	FCBBGS
FMSSG FMSSGS FCBBG FCBBGS	4	-	12-25 26-50	2-30 10sL-F	-	3	7	4	3	-0.1 -0.2	0.3	0.5	-	-		
	5	12-25 26-50	12-25 26-50		2.5	4	8.5	5	4							
	6	12-40 41-80	12-30 31-70		3	5	10	6	4							
	8	12-50 51-100	12-35 36-75		4	6	13	8	6	-0.1 -0.3	0.5					
	10	12-50 51-100	12-40 41-75		5	8	16	10	8				1			

Ordering Example
Part Number - L - F
FMSSG5 - 16
FMSSG6 - 50 - 20

ex Example



Alterations
Part Number - L - (RC, RS)
CBBG8 - 20 - RS

Alterations	Tip R Machining	Undercut
Code	RC	RS
Spec.	Adds Tip R Processing to the tip of a nose portion. Applicable only to CBBG, FCBBG and FCBBGS. (Ordering Code) RC	Adds an undercut below the head of Head Cap Screws. Applicable only to CBBG, FCBBG and FCBBGS. (Ordering Code) RS

Alterations only to FCBBG, FCBBGS. Can be used in combination with RC and RS.