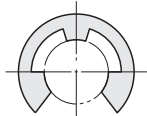
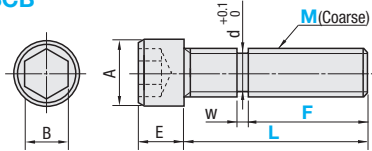


Hex Socket Head Cap Screws with Retaining Ring Groove / Stepped Screws

Low Head Selectable



ERSCB



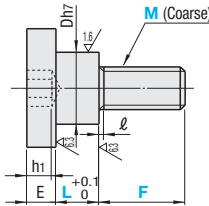
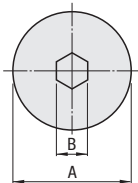
M Material: EN 1.4301 Equiv.
A Accessory:
E Type Retaining Ring EN 1.4301 Equiv.

Part Number	1mm Increment			L-F Machining Conditions	A	E	B	d	W	Applicable E Type Retaining Ring (Nominal Dia.) (For details, see P265)	Unit Price
	Type	M (Coarse)	F								
ERSCB	3	2~12	10~20	L-F≥8	5.5	3	2.5	2	0.5	2	
	4	3~13	10~20	L-F≥7	7	4	3	3	0.7	3	
	5	3~18	10~25	L-F≥7	8.5	5	4	4	0.7	4	
	6	3~23	10~30	L-F≥7	10	6	5	4	0.7	4	
	8	4~29	10~35	L-F≥6	13	8	6	6	0.9	6	



Ordering Example
Part Number - F - L
ERSCB6 - 5 - 25

Stepped Screws



Type	M Material	S Surface Treatment
DBB	EN 1.1191 Equiv.	Black Oxide
DBS	EN 1.4305 Equiv.	-

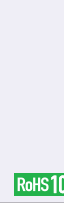
Part Number	Type	M (Coarse)	L	F				E	Dh7	A	B	ℓ	h1	DBB		DBS	
				3	4	5	6							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
DBB DBS	3		3	3	4	5	6	2	5	8	2	1	2				
			4	3	4	5	6										
			5	3	4	5	6										
			6	3	4	5	6										
			7	4	5	6											
	4		4	4	5	6	8	2.8	6	10	2.5	1.2	2.5				
			5	4	5	6	8										
			6	4	5	6	8										
			7	4	5	6	8										
			10		5	6	8										
	5		3		5	8	10	3.5	8	12	3	1.4	3				
			4		5	8	10										
			5		5	8	10										
			6		5	8	10										
			7		5	8	10										
	6		3		5	8	10	4	10	16	4	1.5	3.5				
			4		5	8	10										
			5		5	8	10										
			6		5	8	10										
			10		5	8	10										



Ordering Example
Part Number - L - F
DBS6 - 3 - 10

Stepped Screws

Extra Low Head, Low Head, Button Head Cap, Phillips

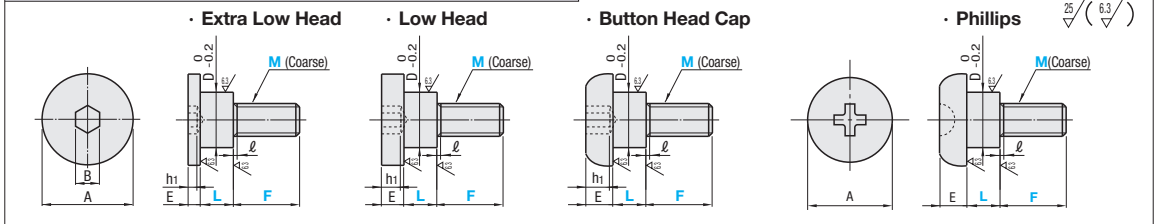


Extra Low Head	Low Head	Button Head Cap Screws	Phillips	M Material	S Surface Treatment
DBGB	DBTB	DBBB	DBJB	EN 1.1191 Equiv.	Black Oxide
DBGM	DBTM	DBBM	DBJM	EN 1.1191 Equiv.	Electroless Nickel Plating
DBGS	DBTS	DBBS	DBJS	EN 1.4305 Equiv.	-

Reference Tensile Breaking Load (N)

Reference	Extra Low Head	Low Head	Button Head Cap	Phillips
M3			1950	
M5			4630	

* The above data are for reference, not guaranteed.



Extra Low Head

Part Number	Type	M (Coarse)	1mm Increment		E	D	A	B	ℓ	h1	Unit Price		
			L	F							DBGB	DBGM	DBGS
DBGB DBGM DBGS	3	5~20		3~6	1.5	5	8	1.5	1	1.5			
	4			4~8		6	10	2	1.2	2			
	5			5~10		8	12	3	1.4	3			
	6			6~12		10	16	3		3			
	8			8~12		12	18	4	1.5	3.5			
	10			10~15		15	20	5		4			

Low Head

Part Number	Type	M (Coarse)	1mm Increment		E	D	A	B	ℓ	h1	Unit Price		
			L	F							DBTB	DBTM	DBTS
DBTB DBTM DBTS	3	3~20		3~6	2	5	8	2	1	2			
	4			4~8	2.8	6	10	2.5	1.2	2.5			
	5			5~10	3.5	8	12	3	1.4	3			
	6			6~12	4	10	16	4		3.5			
	8			8~12	5	12	18	5	1.5	4			
	10			10~15	6	15	20	6		4.5			

Button Head Cap Screws

Part Number	Type	M (Coarse)	1mm Increment		E	D	A	B	ℓ	h1	Unit Price		
			L	F							DBBB	DBBM	DBBS
DBBB DBBM DBBS	3	5~20		3~6	2.8	5	8	2	1	2			
	4			4~8	3.5	6	10	2.5	1.2	2.5			
	5			5~10	4.7	8	12	3	1.4	3			
	6			6~12	5.6	10	16	4		3.5			
	8			8~12	6.2	12	18	5	1.5	4			
	10			10~15	6.9	15	20	6		4.5			

Phillips

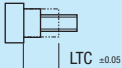
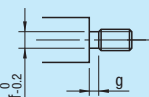
Part Number	Type	M (Coarse)	1mm Increment		E	D	A	ℓ	Unit Price		
			L	F					DBJB	DBJM	DBJS
DBJB DBJM DBJS	3	1~20		3~6	2.8	5	8	1			
	4			4~8	3.5	6	10	1.2			
	5			5~10	4.7	8	12	1.4			
	6			6~12	5.6	10	16				
	8			8~12	6.2	12	18	1.5			
	10			10~15	6.9	15	20				



Ordering Example
Part Number - L - F
DBTS6 - 3 - 10



Alterations
Part Number - L - F - (LTC · PC)
DBJM6 - 3.4 - 10 - LTC

Alterations	Code	Spec.																												
	LTC	L Dimension Increment LTC=0.1mm Increment																												
	PC	Adds a relief on M. <table><tr><th>D</th><th>MxPitch</th><th>g</th><th>f</th></tr><tr><td>5</td><td>M3 x 0.5</td><td>1.2</td><td>2.3</td></tr><tr><td>6</td><td>M4 x 0.7</td><td></td><td>3.2</td></tr><tr><td>8</td><td>M5 x 0.8</td><td>1.4</td><td>4.0</td></tr><tr><td>10</td><td>M6 x 1.0</td><td>1.7</td><td>4.8</td></tr><tr><td>12</td><td>M8 x1.25</td><td></td><td>6.5</td></tr><tr><td>15</td><td>M10 x 1.5</td><td>2</td><td>8.2</td></tr></table>	D	MxPitch	g	f	5	M3 x 0.5	1.2	2.3	6	M4 x 0.7		3.2	8	M5 x 0.8	1.4	4.0	10	M6 x 1.0	1.7	4.8	12	M8 x1.25		6.5	15	M10 x 1.5	2	8.2
D	MxPitch	g	f																											
5	M3 x 0.5	1.2	2.3																											
6	M4 x 0.7		3.2																											
8	M5 x 0.8	1.4	4.0																											
10	M6 x 1.0	1.7	4.8																											
12	M8 x1.25		6.5																											
15	M10 x 1.5	2	8.2																											