

Cover Screws / Hexagon Socket Head Cap Screws

Phillips / Long Knurled / Retaining Ring Groove with Length Configurable

Cover Screws – Cross Recessed **GUTBJ**

Reference: Tensile Breaking Load (N)

M3	1390
M5	4300

*The above data are for reference, not guaranteed.

Material: 304 Stainless Steel or Equivalent

Part Number	M	ℓ	L	A	E	d
GUTBJ	3	2	5 8 10	6.9	1.9	2.2
		3.5	6 8 10			
	4	4	8 10 12	9.4	2.5	3
		3	6 8 10 12 16			
	5	5	10 16	11.8	3.1	3.9
		3	8 10 12			
	6	6	12 16 20	14	3.7	4.5
		4	10 12 16 20			
	8	8	12 16 20 25 30	17.8	4.8	6.3
		5	16			

Cover Screws – Long Knurled **GUTBR**

Material: 303 Stainless Steel or Equivalent

Part Number	M	ℓ	L	D	A	d
GUTBR	3	2	6 8 10 12	5.5	10	2.2
		3.5	6 8 10 12			
	4	4	8 10 12	7	16	3
		3	6 8 10 12 16			
	5	5	10 12 16 20	8.5	20	3.9
		3	8 10 12 16 20			
	6	6	12 16 20	10	30	4.5
		4	8 10 12 16 20			
	8	8	12 16 20 25	13	36	6.3
		5	10 12 16 20			

Part Number Example: GUTBJ3 - 4 - 8, GUTBR4 - 5 - 16

Hexagon Socket Head Cap Screws – Retaining Ring Groove with Configurable Length **ERSCB**

Material: 304 Stainless Steel or Equivalent
Accessories: E Type Retaining Ring 304 Stainless Steel

Part Number	M (Coarse)	F	L	L-F Machining Conditions	A	E	B	d	W	Applicable E Type Retaining Ring (Nominal Dia.) (For details, refer to P.2459)
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

Part Number Example: ERSCB6 - 5 - 25

Stepped Screws

Extra Low Head / Low Head / Button Head Cap / Phillips Screws

Stepped Screws – Extra Low Head / Low Head / Button Head Cap / Phillips Screws

Extra Low Head	Low Head	Button Head Cap Screws	Phillips	Material	Surface Treatment
DBGB	DBTB	DBBB	DBJB	1045 Carbon Steel or Equivalent	Black Oxide
DBGM	DBTM	DBBM	DBJM	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
DBGS	DBTS	DBBS	DBJS	303 Stainless Steel	—

Reference: Tensile Breaking Load (N)

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

*The above data is for reference, not guaranteed.

Extra Low Head

Part Number	M (Coarse)	L	F	E	D	A	B	ℓ	h ₁
DBGB DBGM DBGS	3	5-20	3-6	1.5	1.5	8	1.5	1	1.5
	4		4-8					2	2
	5		5-10					3	3
	6		6-12					3	3
	8		8-12					4	3.5
	10		10-15					5	4

Low Head

Part Number	M (Coarse)	L	F	E	D	A	B	ℓ	h ₁
DBTB DBTM DBTS	3	3-20	3-6	2	5	8	2	1	2
	4		4-8					2.5	2.5
	5		5-10					3	3
	6		6-12					4	3.5
	8		8-12					5	4
	10		10-15					6	4.5

Button Head Cap Screws

Part Number	M (Coarse)	L	F	E	D	A	B	ℓ	h ₁
DBBB DBBM DBBS	3	5-20	3-6	2.8	5	8	2	1	2
	4		4-8					2.5	2.5
	5		5-10					3	3
	6		6-12					4	3.5
	8		8-12					6.2	4
	10		10-15					6.9	4.5

Phillips

Part Number	M (Coarse)	L	F	E	D	A	ℓ
DBJB DBJM DBJS	3	1-20	3-6	2.8	5	8	1
	4		4-8				1.2
	5		5-10				1.4
	6		6-12				1.6
	8		8-12				1.8
	10		10-15				2.0

Part Number Example: DBTS6 - 3 - 10, DBBM6 - 8 - 10, DBJS6 - 3 - 10

Part Number Alterations: DBJM6 - 3.4 - 10 - LTC

Alterations	Code	Spec.
	LTC	L Dimension Increment LTC=0.1 mm Increment
	PC	Adds a relief on M.

D	MxPitch	g	f
5	M3 x 0.5	1	2.3
6	M4 x 0.7	1.2	3.2
8	M5 x 0.8	1.4	4.0
10	M6 x 1.0	1.7	4.8
12	M8 x 1.25	2.1	6.5
15	M10 x 1.5	2.6	8.2