Sample Part Number						
SW	C	10	23	-02	-01	07
Type	Head	Thread	Length	Material	Plating	Standard
A	B	C	D	E	F	G

SEMS screws cut parts handling and inventory in half! SEMS screws are preassembled screws and washers. This eliminates the need for loose washers that can slip through your fingers upon assembly.

A

Type	Code
Sems screw with spring washer	SW
Sems screw with spring and flat washer	SD
Sems screw with Lock washer internal tooth	SI
Sems screw with Lock washer external tooth	SE

B

Head	Code
Cheese(Pan) phi	C
Socket screw	S
Hexagon head bolts	H

C

Thread	Code
M1.6	10
M2	20
M2.5	25
M3	30
M4	40
M5	50
M6	60
M8	65
M10	90

D

L	Code
3mm	01
4mm	03
5mm	05
6mm	07
8mm	09
10mm	11
12mm	13
14mm	15
16mm	17
18mm	19
20mm	21
22mm	23
25mm	25
30mm	27
35mm	29
40mm	31
45mm	33
50mm	35
60mm	37
70mm	39

E

Material Description	Code for Screws, Nuts, Washers
Low Carbon Steel	1
Stainless Steel (A2)	2
Brass	3
Aluminum	6

F

Plating Description	Code for Screws, Nuts, Washers
Blue Zinc	2
Yellow Zinc	4
Black Zinc	7
No Plating	5
Passivated	6
Black Oxide	9
Nickel	8

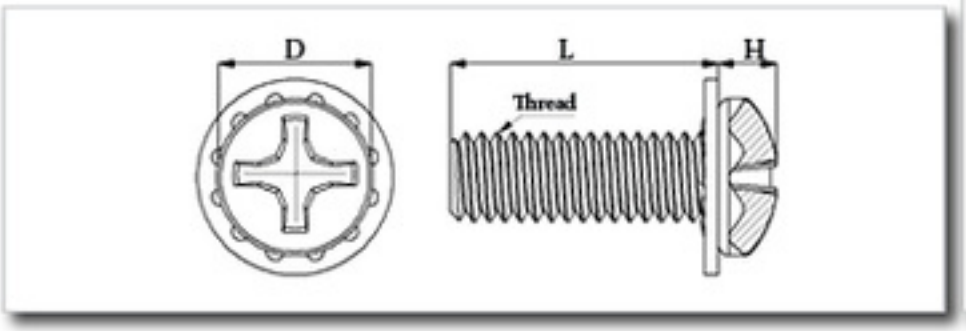
G

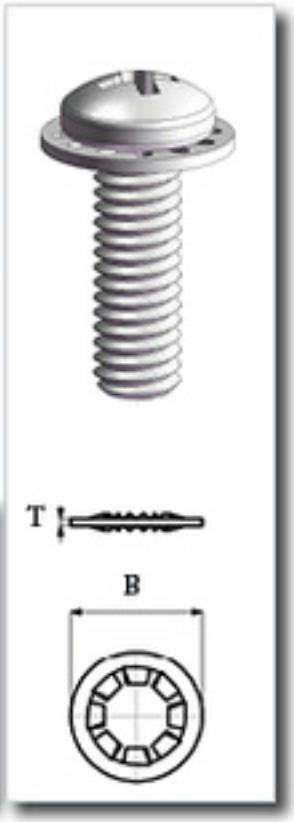
Standard	ISO	Code
DIN 7985A	ISO 7045	02
DIN 931	ISO 4014	21
DIN 933	ISO 4017	22

For more information See page 138

Phillips, Pan Head with internal Tooth Washer

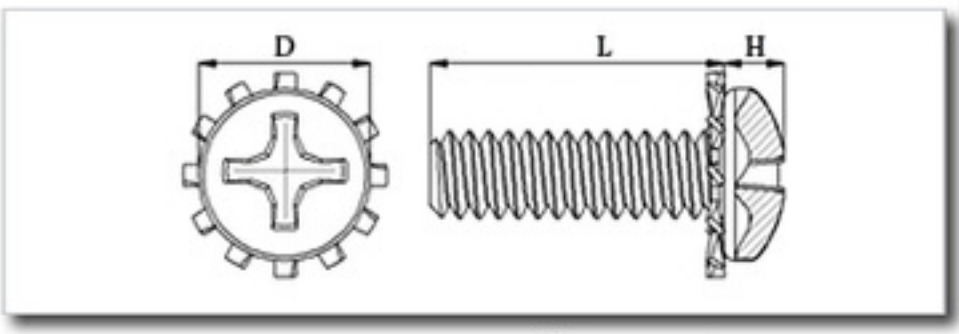
SCREW			WASHER		Code
Thread	H	D	T	B	
M2.5	2.12	5	0.4	5.5	25
M3	2.52	6	0.4	6	30
M4	3.25	8	0.5	8	40
M5	3.95	10	0.6	10	50
M6	4.75	12	0.7	11	60
M8	6.15	16	0.8	15	65

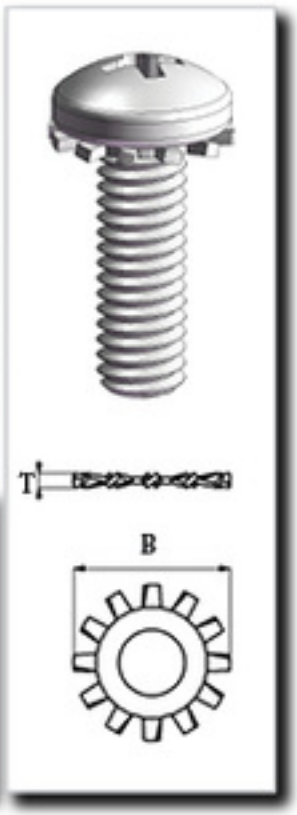




Phillips, Pan Head with external Tooth Washer

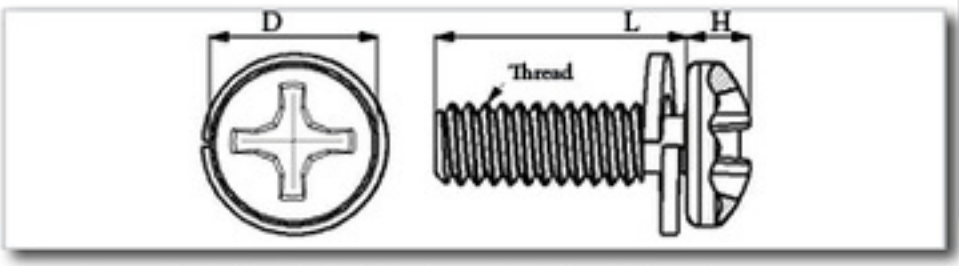
SCREW			WASHER		Code
Thread	H	D	T	B	
M2.5	2.12	5	0.4	5.5	25
M3	2.52	6	0.4	6	30
M4	3.25	8	0.5	8	40
M5	3.95	10	0.6	10	50
M6	4.75	12	0.7	11	60
M8	6.15	16	0.8	15	65

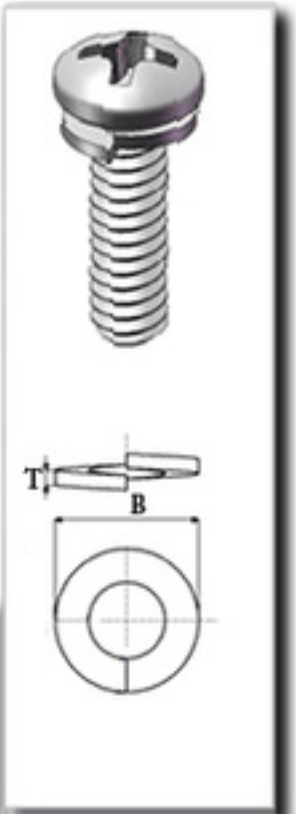


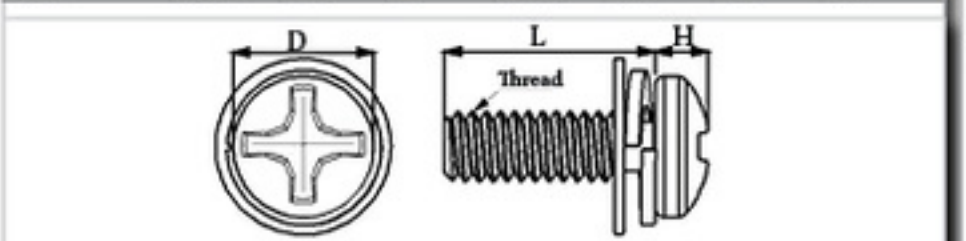
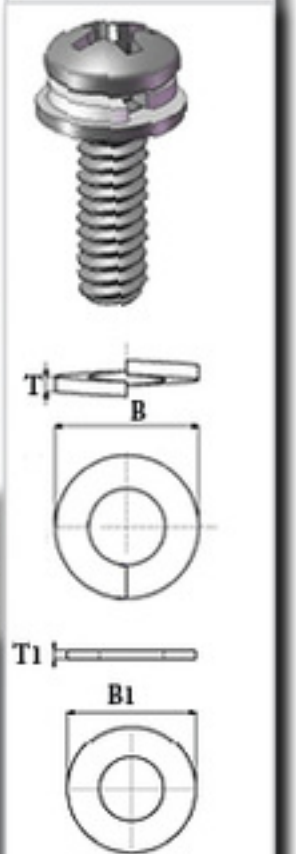


Phillips, Pan Head With Spring Washer

SCREW			SPRING WASHER		Code
Thread	H	D	T	B	
M2.5	2.12	5	0.6	5.1	25
M3	2.52	6	0.8	6.2	30
M3.5	2.82	7	0.85	7.4	35
M4	3.25	8	0.9	7.6	40
M5	3.95	10	1.2	9.2	50
M6	4.75	12	1.6	11.8	60
M8	6.15	16	2	14.8	65





Phillips, Pan Head With Spring & Flat Washer

Thread	Screw		Spring Washer		Flat Washer		Code
	H	D	T	B	T1	B1	
M2.5	2.12	5	0.6	5.1	0.5	6	25
M3	2.52	6	0.8	6.2	0.5	7	30
M3.5	2.70	7.5	0.85	7.4	0.6	7.6	35
M4	3.25	8	0.9	7.6	0.8	9	40
M5	3.95	10	1.2	9.2	1	10	50
M6	4.75	12	1.6	11.8	1.6	12	60
M8	6.15	16	2	14.8	1.6	16	65