

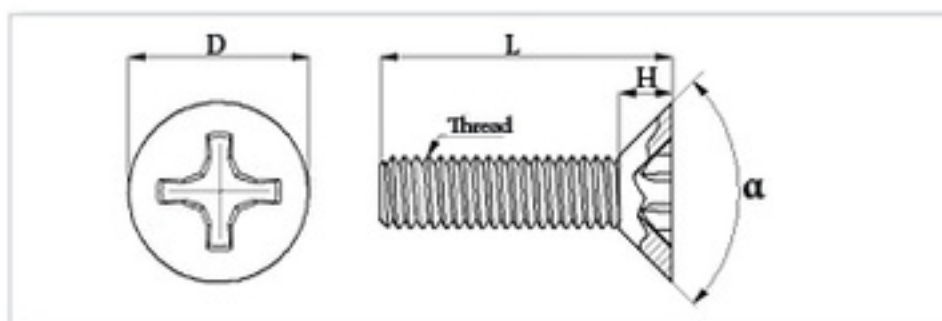
UNC Phillips, Flat Head Machine Screw

$\alpha = 82^\circ$

Thread	H	D	Code
#2 - 56	0.051	0.172	81
#4 - 40	0.067	0.225	80
#6 - 32	0.083	0.279	82
#8 - 32	0.1	0.332	83
#10- 32	0.116	0.385	84

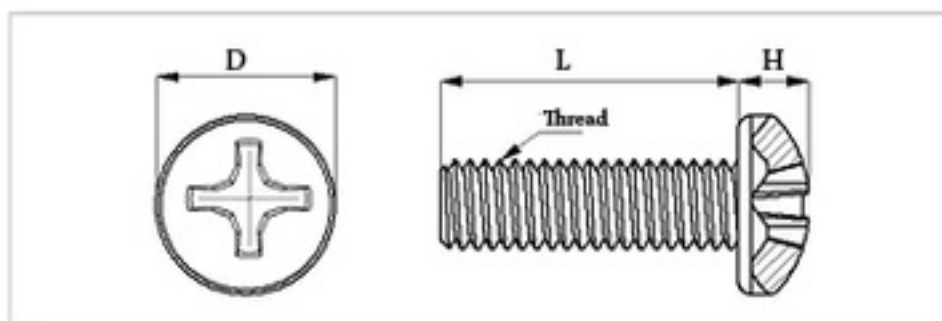
$\alpha = 100^\circ$

Thread	H	D	Code
#2-56	0.037	0.172	81
#4-40	0.049	0.225	80
#6-32	0.060	0.279	82
#8-32	0.072	0.332	83
#10-32	0.083	0.385	84



UNC Phillips, Pan Head Machine Screw

Thread	H	D	Code
#2-56	0.620	0.167	81
#4-40	0.080	0.219	80
#6-32	0.097	0.270	82
#8-32	0.115	0.322	83
#10-32	0.133	0.373	84



Sample Part Number

S	P	-84	-42	-02	-01	11
Type	Head	Thread	Length	Material	Plating	Standard
A	B	C	D	E	F	G

A Type	Code
Screw	S

B Head	Code
82° flat head	M
100° flat head	P
Socket screw	S
Hexagon head bolts	H

C Thread	Code
#2-56	81
#4-40	80
#6-32	82
#8-32	83
#10-32	84

D L			
Fractional Inches	Decimal Inches	mm	Code
3/16	0.187	4.75	42
1/4	0.250	6.35	43
5/16	0.313	7.95	44
3/8	0.375	9.53	45
7/16	0.438	11.13	46
1/2	0.500	12.70	47
9/16	0.563	14.30	48
5/8	0.625	15.88	49
3/4	0.750	19.05	50
7/8	0.875	22.23	51
1	1.000	25.40	52
1.25	1.250	31.75	53
1.5	1.500	38.10	54
1.75	1.750	44.45	55
2	2.000	50.80	56
2.5	2.500	63.5	57
3	3.000	76.2	58

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

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

For more information See page 138