



ALKHALEFAH
FASTENERS



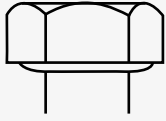
Our production takes place in our site in Riyadh, Saudi Arabia, it is a modern production line using automatic cold forming machines with a capacity of 800 Ton per year. We produce all kinds of products of standard and non-standard dimensions, also we produce according to special customer requirements in a very short period of time. We have our own automatic zinc plating line for surface protection to avoid corrosion.

All products are subject to intensive testing to make sure that customers receive the highest quality at competitive prices.

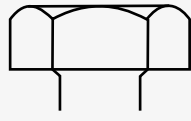
يتم إنتاجنا في موقعنا بالرياض ، المملكة العربية السعودية ، وهو عبارة عن خط إنتاج حديث يستخدم آلات التشكيل البارد الأوتوماتيكية بسعة 800 طن في السنة. نحن ننتج جميع أنواع المنتجات ذات الأبعاد القياسية وغير القياسية ، كما ننتج وفقاً لمتطلبات العملاء الخاصة في فترة زمنية قصيرة جداً. لدينا خط طلاء الزنك الأوتوماتيكي الخاص بنا لحماية السطح لتجنب التآكل.

تخضع جميع المنتجات لاختبارات مكثفة للتأكد من حصول العملاء على أعلى جودة وبأسعار تنافسية.

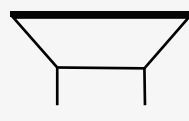
أنواع الرأس Head Types



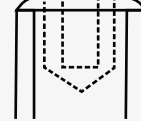
HEX CAP



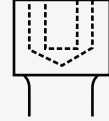
HEX HEAD



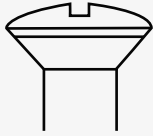
FLAT COUNTERSUNK



HEX SOCKET SET



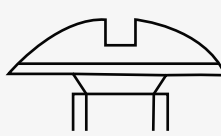
HEX SOCKET CAP



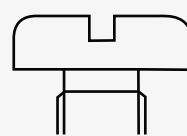
RAISED COUNTERSUNK



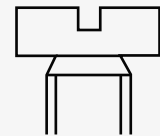
HEX FLANGE



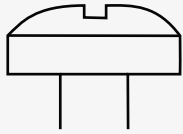
TRUSS



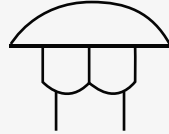
PAN



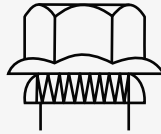
CHEESE



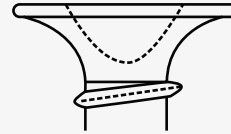
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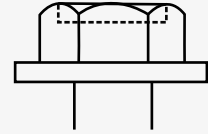
MASHROOM HEAD
SQUARE NECK



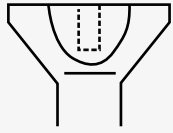
HEX FLANGE WITH
NEOPRENE WASHER



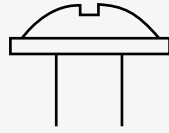
BUGLE



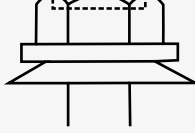
HEX WASHER HEAD



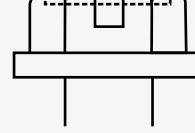
FLAT COUNTERSUNK



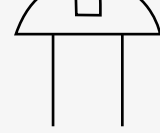
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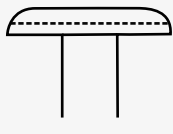
HEX WASHER HEAD
WITH BOUNDED WASHER



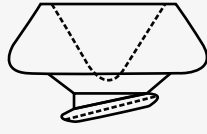
HEX WASHER HEAD



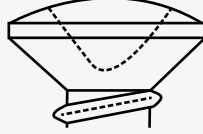
ROUND HEAD



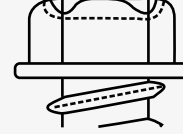
FLAT HEAD



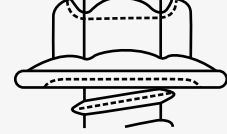
PAN FRAMING



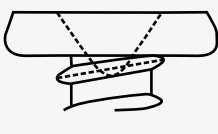
OVAL



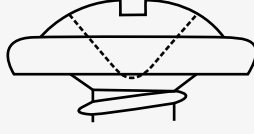
H.W.H



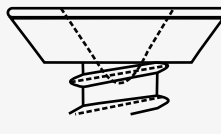
H.W.F



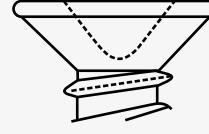
PAN CAKE



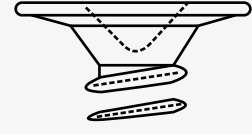
TRUSS



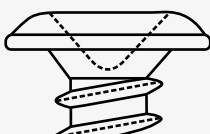
HINGE



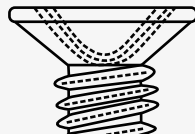
C.S.K



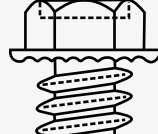
LARGE WAFER



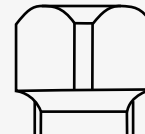
WAFER



PHILLIPS



HEX SERRATION



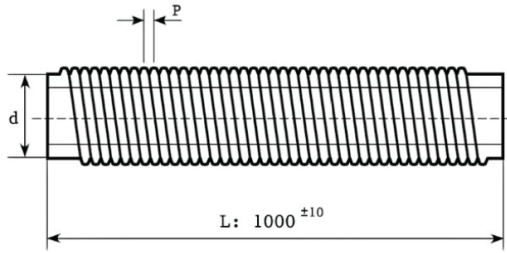
SPLINE



LIFTING EYE



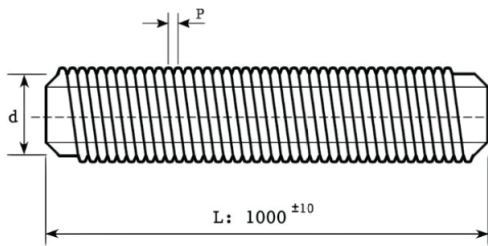
DIN 975



Threaded rods

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
p	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2.5	2.5	2.5
d	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52
p	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5

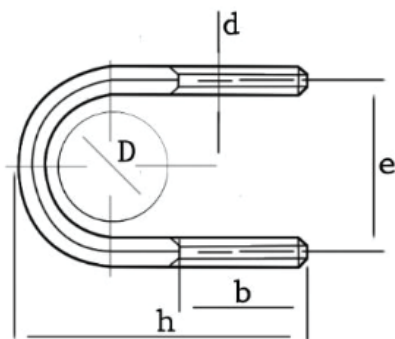
ASTM A193



Studbolts ASTM A193

d pitch / inch	1/2	5/8	3/4	7/8	1"	1" 1/8	1" 1/4
Thread per inch	13	11	10	9	8	8	8
d pitch / inch	1" 3/8	1" 1/2	1" 5/8	1" 3/4	1" 7/8	2"	
Thread per inch	8	8	8	8	8	8	

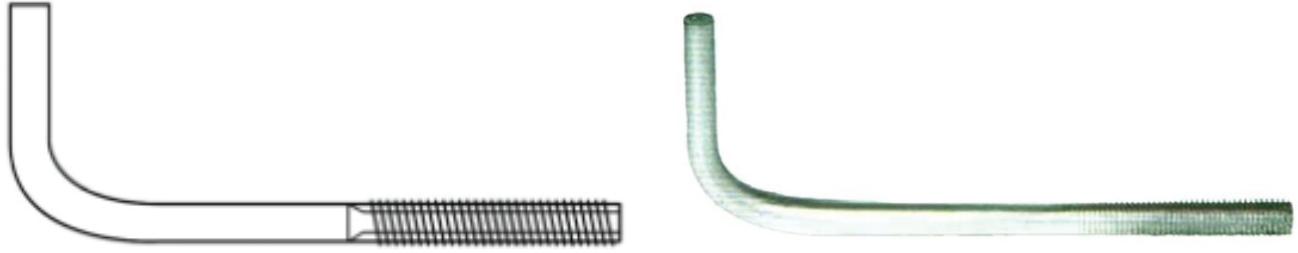
"U"-Bolts



U-Bolts



Anchor "L" Bolts



L-Bolts

Anchor "J" Bolts



J-Bolts

Eye Lifting Bolts



Male Type
DIN 580

Female Type
DIN 582

Male & female - Eye lifting bolts

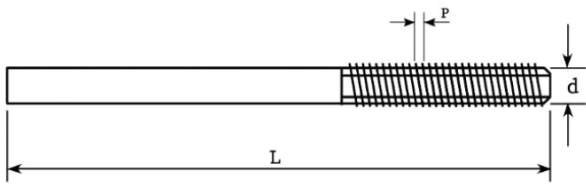
Flat Head Bolts



Flat head bolts



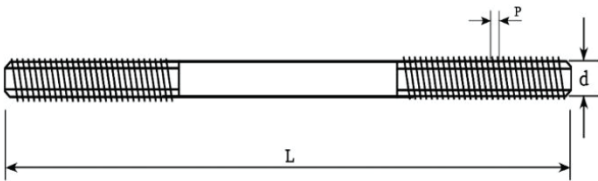
Anchor Bolts-One side



Threaded rods - One side

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
p	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5
d	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52
p	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5

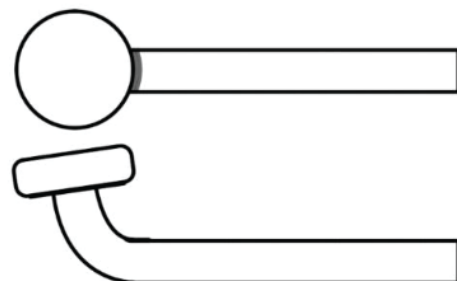
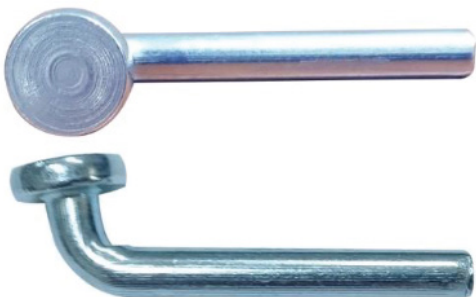
Anchor Bolts-Both Side



Threaded rods - One side

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
p	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5
d	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52
p	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5

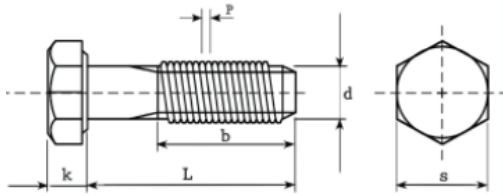
Safety Lock



Safety Lock

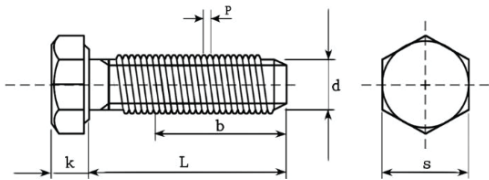


DIN 931



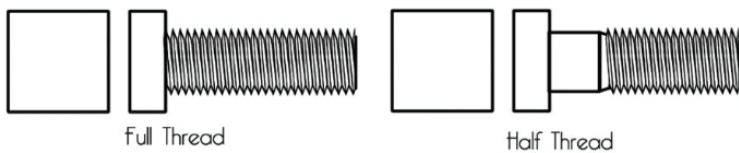
Hexagon head bolts									
d	M4	M5	M6	M7	M8	M10	M12	M14	
P	0.7	0.8	1	1	1.25	1.5	1.75	1.75	
(1)	14	16	18	20	22	26	30	34	
d ⁽¹⁾	(2)	-	22	24	26	28	32	36	40
		-	-	-	-	45	49	53	
k	2.8	3.5	4	4.8	5.3	6.4	7.5	8.8	
s	7	8	10	11	13	17/16*	19/18*	22/21*	

DIN 933



Hexagon head bolts - Fully threaded							
d	M33	M36	M39	M42	M45	M48	M52
P	3.5	4	4	4.5	4.5	5	5
k	21	22.5	25	26	28	30	33
s	50	55	60	65	70	75	80

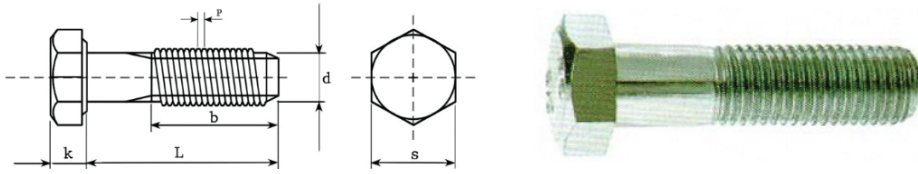
Square Bolts



Square bolts



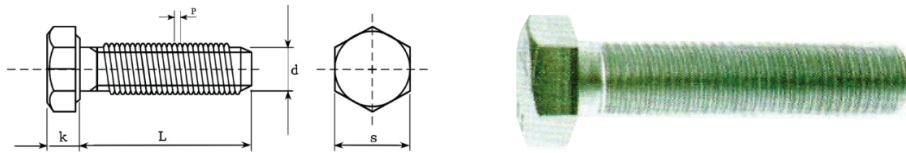
DIN 960



Hexagon head bolts - Metric pitch thread

dxP	M8x1	M10x1	M12x1.25	M14x1.5	M16x1.5	M18x1.5	M20x1.5	M22x1.5	M24x1.5
		M10x1.25	M12x1.5			M18x2	M20x2	M22x2	M24x2
b ¹	1	22	26	30	34	38	42	46	50
	2	28	32	36	40	44	48	52	56
k		5.3	6.4	7.5	8.8	10	11.5	12.5	14
s		13	17/16*	9/18*	22/21*	24	27	30	32/34*

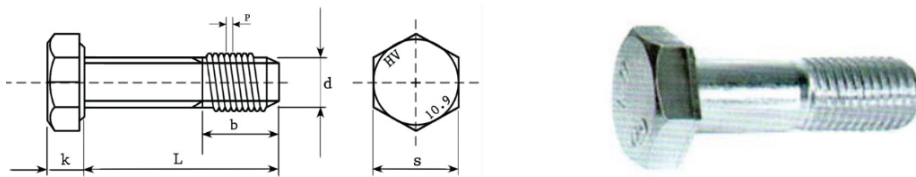
DIN 961



Hexagon head bolts - Metric pitch thread

dxP	M8x1	M10x1	M12x1.25	M14x1.5	M16x1.5	M18x1.5	M20x1.5
		M10x1.25	M12x1.5			M18x2	M20x2
k		5.3	6.4	7.5	8.8	10	11.5
s		13	17/16*	19/18*	22/21*	24	27

DIN 6914



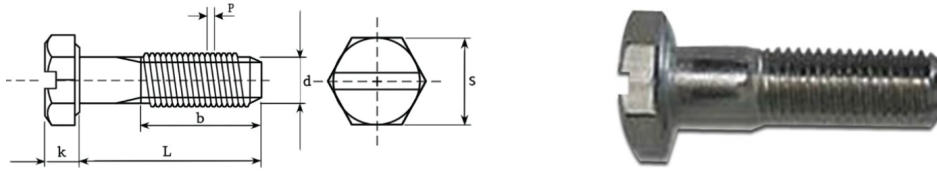
High strength structural bolt (HV)

dxP	M12	M16	M20	M22	M24	M27	M30	M36
P	1.75	2	2.5	2.5	3	3	3.5	4
b	(1)	21	26	31	32	34	37	48
	(2)	23	28	33	34	37	39	50
k		8	10	13	14	15	17	23
s		22	27	32	36	41	46	60

مسامير سداسية الرأس مشقوقة Hex Slotted Head Bolts



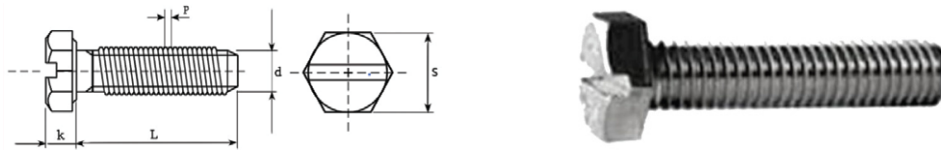
DIN 933



Hexagon slotted head bolts - Metric pitch thread

dxP	M8x1	M10x1	M12x1.25	M14x1.5	M16x1.5	M18x1.5	M20x1.5	M22x1.5	M24x1.5
		M10x1.25	M12x1.5			M18x2	M20x2	M22x2	M24x2
b ¹	1	22	26	30	34	38	42	46	50
	2	28	32	36	40	44	48	52	56
k		5.3	6.4	7.5	8.8	10	11.5	12.5	14
s		13	17/16*	9/18*	22/21*	24	27	30	32/34*

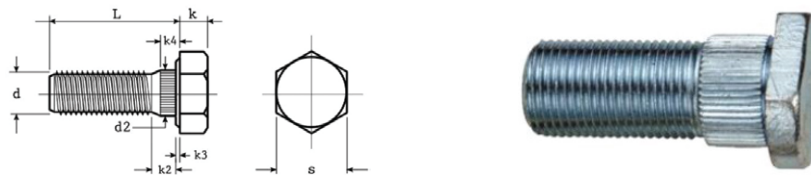
DIN 933



Hexagon head bolts - Metric pitch thread

dxP	M8x1	M10x1	M12x1.25	M14x1.5	M16x1.5	M18x1.5	M20x1.5
		M10x1.25	M12x1.5			M18x2	M20x2
k		5.3	6.4	7.5	8.8	10	11.5
s		13	17/16*	19/18*	22/21*	24	27

Hex Knurling Bolts



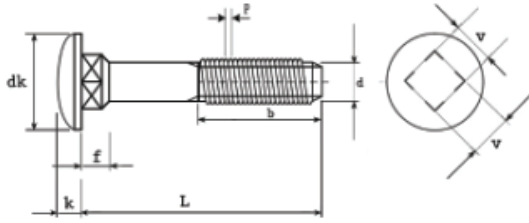
Hex knurling bolts

dxL	M10x30	M10x35	M10x40	M10x50	M12x35	M12x40	M12x50
k					7.5		
s					19		
d2					13.2		
k2					66		
k3					05		

قضبان ملولبة ومسامير تثبيت Carriage Bolts



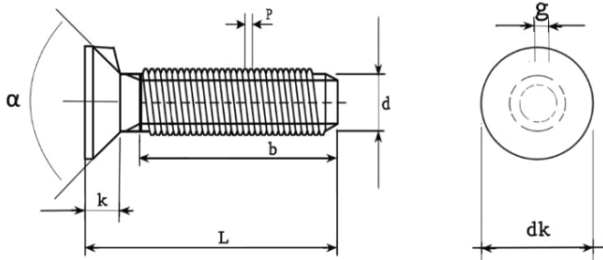
DIN 603



Mushroom head square neck (cap square neck bolts)

d	M5	M6	M8	M10	M12	M16	M20
p	0.8	1	1.25	1.5	1.75	2	2.5
b	1	16	18	22	26	30	38
	2	22	24	28	32	36	44
	3	-	-	41	45	49	57
dk(max)	13.55	16.55	20.65	24.65	30.65	38.8	46.8
f(max)	4.1	4.6	5.6	6.6	8.75	12.9	15.9
k(max)	3.3	3.88	4.88	5.38	6.95	12.9	11.05
v(max)	5.48	6.48	8.58	10.58	12.7	16.7	20.84

DIN 604



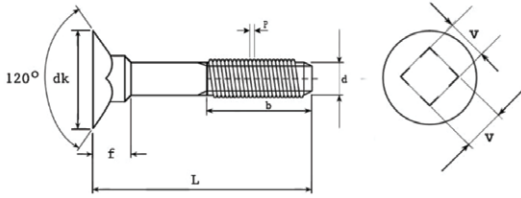
Flat countersunk nib bolts

d	M6	M8	M10	M12	M16	M20	M24
p	1	1.25	1.5	1.75	2	2.5	3
b ⁽¹⁾	1	18	22	26	30	38	46
	2	24	28	32	36	44	52
	3	-	41	45	49	57	65
dk(max)	12.55	16.55	19.65	24.65	32.8	32.8	38.8
k(max)	4	5	5.5	7	9	11.5	13
g(max)	2.5	3	3.2	3.6	4.2	5.4	6.6
alpha(max)	90*	90*	90*	90*	90*	60*	60*

قضبان ملولبة ومسامير تثبيت Carriage Bolts



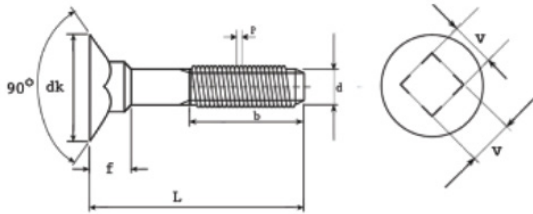
DIN 605



Flat countersunk square neck bolts

d	M6	M8	M10
p	1	1.25	1.5
b	18	22	26
dk(max)	16.55	20.65	24.65
f(max)	7.45	9.45	11.55
v(max)	6.48	8.58	10.58

DIN 608



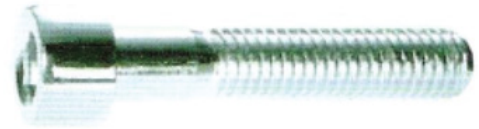
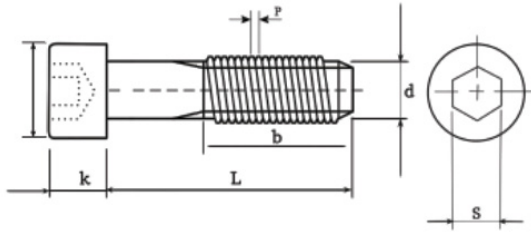
Flat countersunk square neck bolts

d	M10	M12
p	1.5	1.75
b	26	30
dk(max)	19.65	24.65
f(max)	8.45	11.05
v(max)	10.58	12.7

قضبان ملولبة ومسامير تثبيت Allen Key Bolts



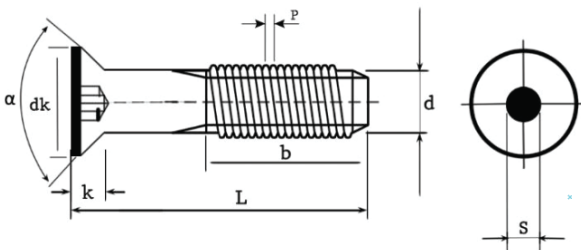
DIN 912



Hexagon socket head cap screws

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18
p	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5
b*	18	20	22	24	28	32	36	40	44	48
dk(max)	5.5	7	8.5	10	13	16	18	21	24	27
k(max)	3	4	5	6	8	10	12	14	16	18
s	2.5	3	4	5	6	8	10	12	14	14

DIN 7991

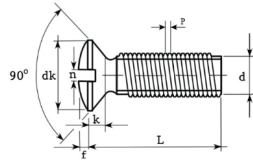


Hexagon socket countersunk head screws

d	M3	M4	M5	M6	M8	M10	M12	M16	M20
p	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2.5
b*	12	14	16	18	22	26	30	38	46
dk(max)	6	8	10	12	16	20	24	30	36
k(max)	1.7	2.3	2.8	3.3	4.4	5.5	6.5	7.5	8.5
α	90°	90°	90°	90°	90°	90°	90°	90°	90°
s	2	2.5	3	4	5	6	8	10	12



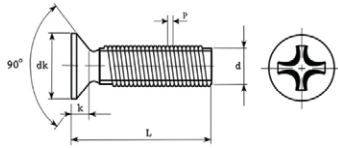
DIN 964



Slotted raised countersunk head screws

d	M3	M4	M5	M6	M8
P	0.5	0.7	0.8	1	1.25
dk	5.6	7.5	9.2	11	14.5
k (max)	1.65	2.2	2.5	3	4
f	0.75	1	1.25	1.5	2
n	0.8	1	1.2	1.6	2

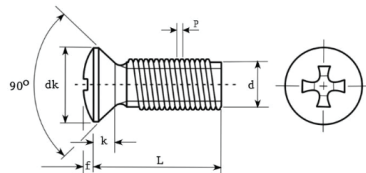
DIN 965



Flat head phillips countersunk screws

d	M3	M4	M5	M6	M8
P	0.5	0.7	0.8	1	1.25
dk	5.6	7.5	9.2	11	14.5
k (max)	1.65	2.2	2.5	3	4
Nr. Phillips (H)	1	2	2	3	4

DIN966

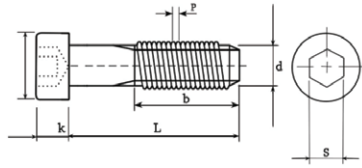


Pan head philips countersunk screws

d	M3	M4	M5	M6	M8
P	0.5	0.7	0.8	1	1.25
dk	5.6	7.5	9.2	11	14.5
k (max)	1.65	2.2	2.5	3	4
Nr. Phillips (H)	1	2	2	3	4



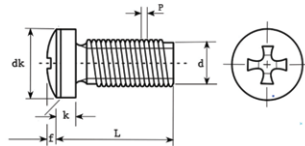
DIN 7984



Hexagon socket head cap screws with low head

d	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
P	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
b*	12	14	16	18	22	26	30	34	38	42	46	50	54
dk	5.5	7	8.5	10	13	16	18	21	24	27	30	33	36
k	2	2.8	3.5	4	5	6	7	8	9	10	11	12	13
s	2	2.5	3	4	5	7	8	10	12	12	14	14	17

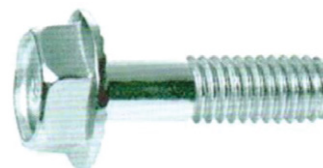
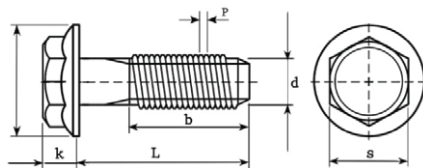
DIN 7985



Cheese head phillips screws

d	M3	M4	M5	M6	M8
P	0.5	0.7	0.8	1	1.25
dk	6	8	10	12	16
k	2.4	3.1	3.8	4.6	6
Nr. Phillips	1	2	2	3	4

DIN 6921

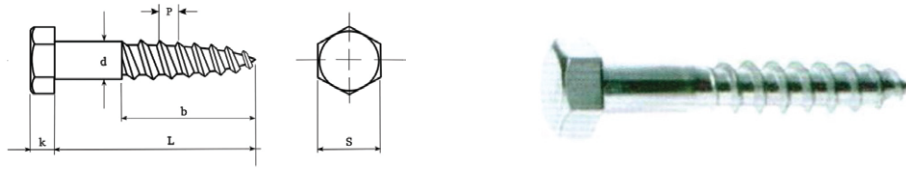


Pan head philips countersunk screws

d	M5	M6	M8	M10	M12	M14	M16	M20
P	0.8	1	1.25	1.5	1.75	2	2	2.5
b	16	18	22	26	30	34	38	46
k	5.40	6.6	8.1	9.2	11.5	12.8	14.4	17.1
s	8	10	13	15	16	18	21	27
dc	11.8	14.2	18	22.3	26.6	30.5	35	43



DIN 571



Hexagon head wood screws

d	5	6	8	10	12	16	20
k	3.5	4	5.5	7	8	10	13
s	8	10	13	17	19	24	30

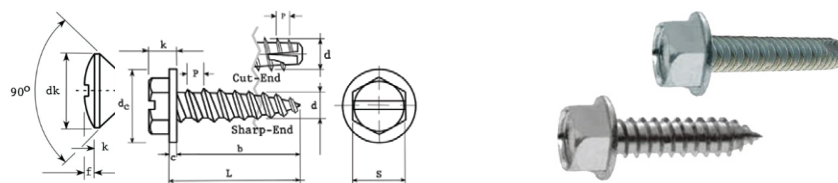
DIN 97



Slotted countersunk (flat) head wood screws

ds	2	2.5	3	3.5	4	4.5	5	6
P	3.8	4.7	5.6	6.5	7.5	8.3	9.2	11
k (max)	1.2	1.5	1.55	1.93	2.2	2.35	2.5	3
n	0.5	0.6	0.8	0.8	1	1	1.2	1.6

DIN966



Hexagon washer head with one slot tapping screws

d	ST 3.5	ST 4.2	ST 4.8	ST 6.3
P	0.5	1.4	1.6	1.8
dc mini	5.6	8.1	9.8	12.2
dc max	1.65	8.8	10.5	13.5
k	1	2.8	3.1	4.95
c	5.6	0.6	0.7	0.9
s	1.65	7	8	10
Ne.ISO	6	8	10	14