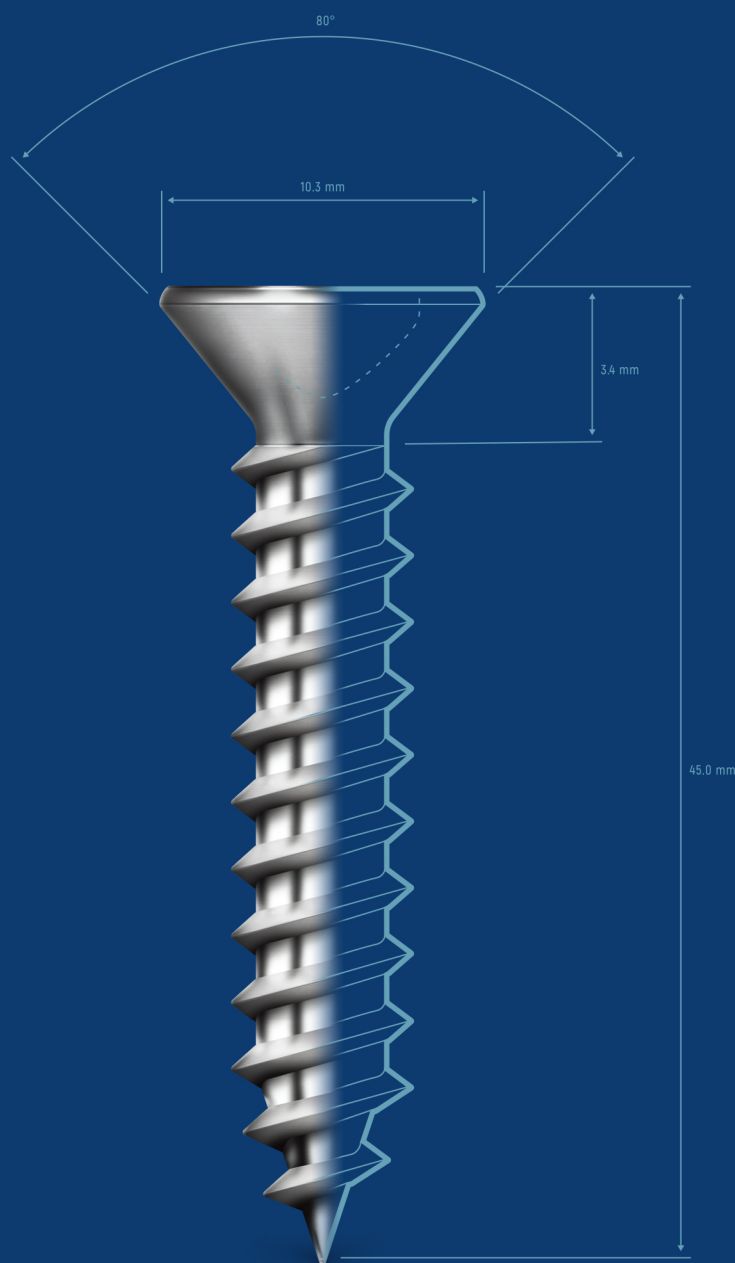


PATTA®



Screws

Our components, your key

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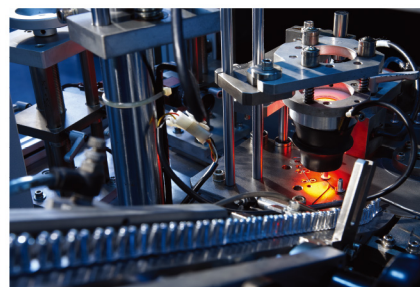
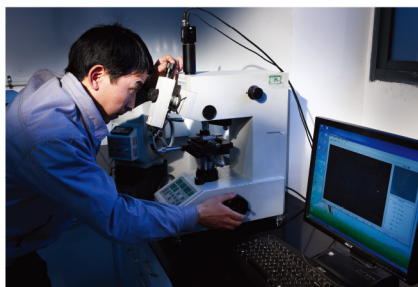
23

Packaging



25

* Technical data shown in the specification table is subject to change without prior notice as per continuous product development and improvement.





Grip Forever

Our Components, Your Key

PATTA®

Professional

provide expertise and know-how in fastener and construction hardware industry

Active

keep improving quality product and service to customers

Trustworthy

with 30-year experience under well-known "PATTA" brand name

Typical

provide unique fastener problem solving

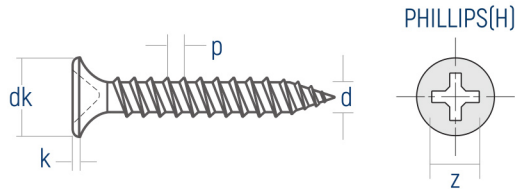
Ambitious

provide a series of activities to meet customers expectation

Drywall Screws

Bugle head phillips

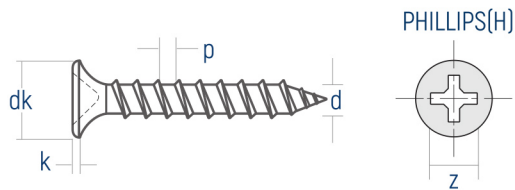
Twinfast thread



d	dk (max)	k	z	p
M3.5	8-8.4	0.8	No.2	1.49
M3.9	8-8.4	0.8	No.2	1.59
M4.8	8.8-9.2	0.8	No.2	2.12



Coarse thread



d	dk (max)	k	z	p
M3.5	8-8.4	0.8	No.2	2.82
M3.9	8-8.4	0.8	No.2	2.82
M4.8	8.8-9.2	0.8	No.2	3.18

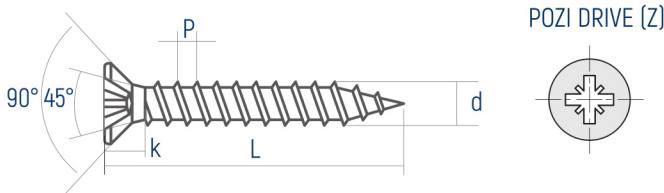


Size	Length (mm)	Length (inch)		
#6 M3.5	25	1"	50pcs / Belt	20Belt(1000pcs) / Box
	32	1-1/4"	50pcs / Belt	20Belt(1000pcs) / Box
	38	1-1/2"	50pcs / Belt	20Belt(1000pcs) / Box
#7 M3.9	25	1"	50pcs / Belt	20Belt(1000pcs) / Box
	38	1-1/2"	50pcs / Belt	20Belt(1000pcs) / Box
	50	2"	50pcs / Belt	20Belt(1000pcs) / Box
#10 M4.8	50	2"	50pcs / Belt	20Belt(1000pcs) / Box

Chipboard Screws

Flat head

Pozi Recess



d	dk (max)	k	x	p
M4	7.9	4.25	2	1.80
M4.5	8.9	4.60	2	2.0
M5	9.9	5.20	2	2.2
M6	11.9	6.00	3	2.60

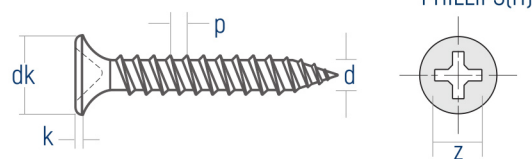


Size	Length (mm)	Length (inch)		
#9 M4.5	25	#1"	50pcs / Belt	20Belt(1000pcs) / Box
	30	1-3/16"	50pcs / Belt	20Belt(1000pcs) / Box
	35	1-3/8"	50pcs / Belt	20Belt(1000pcs) / Box
	45	1-3/4"	50pcs / Belt	20Belt(1000pcs) / Box
#13 M6.0	40	1-5/8"	50pcs / Belt	20Belt(1000pcs) / Box
	50	2"	50pcs / Belt	20Belt(1000pcs) / Box



Phillips Bugle Head

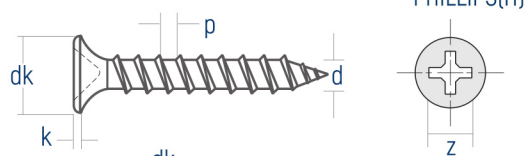
Twinfast thread



d	dk (max)	k	z	p
M3.5	8-8.4	0.8	No.2	1.49
M3.9	8-8.4	0.8	No.2	1.59
M4.2	8-8.4	0.8	No.2	1.69
M4.8	8.8-9.2	0.8	No.2	2.12



Coarse thread



d	dk (max)	k	z	p
M3.5	8-8.4	0.8	No.2	2.82
M3.9	8-8.4	0.8	No.2	2.82
M4.2	8-8.4	0.8	No.2	3.18
M4.8	8.8-9.2	0.8	No.2	3.18



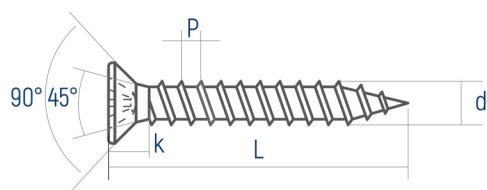
Size
(mm)

3.5 x	19	3.9 x	25	4.2 x	32	4.8 x	38
	25		32		38		50
	28		35		50		75
	32		38		63		90
	35		41		75		100
	38		45		80		110
	41		50		90		

Size
(inch)

#6 x	3/4"	#7 x	1"	#8 x	1-1/4"	#10 x	1-1/2"
	1"		1-1/4"		1-1/2"		2"
	1-1/8"		1-3/8"		2"		3"
	1-1/4"		1-1/2"		2-1/2"		3-1/2"
	1-3/8"		1-5/8"		3"		4"
	1-1/2"		1-3/4"		3-5/32"		4-5/16"
	1-5/8"		2"		3-1/2"		

Pozi Recess Double Countersunk Head



POZI DRIVE (Z)



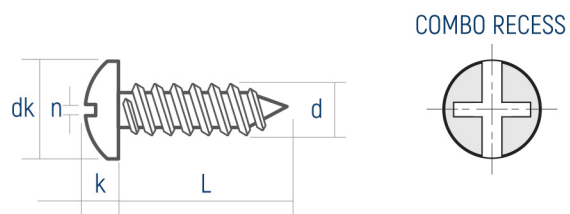
d	dk (max)	k	z	p
M3	5.9	3.20	1	1.35
M3.5	6.9	3.60	2	1.60
M4	7.9	4.25	2	1.80
M4.5	8.9	4.60	2	2.10
M5	9.9	5.20	2	2.20
M6	11.9	6.00	3	2.60

Size
(mm)

3.0 _x	12	3.5 _x	12	4.0 _x	16	5.0 _x	25	6.0 _x	25
	16		16		20		30		30
	18		20		25		35		35
	20		25		30		40		40
	25		30		35		45		45
	30		35		40		50		50
	35		40		50		60		60
	40		45		60		70		70
	—		50		70		80		80
	—		—		80		—		90
	—		—		—		—		100
									110

DIN 7981 Tapping Screw

Pan Head



d	dk (max)	k	n (min)
M2.9	5.6	1.50 - 1.75	0.86
M3.5	6.9	1.85 - 2.10	1.06
M3.9	7.5	2.00 - 2.25	10.6
M4.2	8.2	2.15 - 2.45	1.26
M4.8	9.5	2.50 - 2.80	1.26
M5.5	10.8	2.85 - 3.20	1.66
M6.3	12.5	3.30 - 3.65	1.66

Size
(mm)

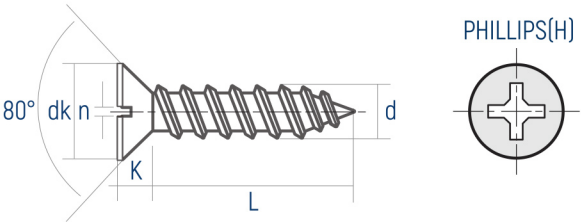
2.9 _x	6.5	9.5	9.5	9.5	9.5	16	19
	9.5	13	13	13	13	19	25
	13	16	16	16	16	25	32
	16	19	19	19	19	32	38
	19	25	25	25	25	38	45
	—	—	—	32	32	45	50
					38	50	75

Size
(inch)

#4 _x	1/4"	3/8"	3/8"	3/8"	3/8"	5/8"	3/4"
	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	1"
	1/2"	5/8"	5/8"	5/8"	5/8"	1"	1-1/4"
	5/8"	3/4"	3/4"	3/4"	3/4"	1-1/4"	1-1/2"
	3/4"	1"	1"	1"	1"	1-1/2"	1-3/4"
	—	—	—	1-1/4"	1-1/4"	1-3/4"	2"
					1-1/2"	2"	3"

DIN 7982 Tapping Screw

Flat Head



d	dk (max)	k	H
M2.9	2.20 - 5.50	1.7	1
M3.5	6.44 - 6.80	2.1	2
M3.9	7.14 - 7.50	2.3	2
M4.2	7.74 - 8.10	2.5	2
M4.8	9.14 - 9.50	3.0	2
M5.5	10.37 - 10.80	3.4	3
M6.3	11.97 - 12.40	3.8	3

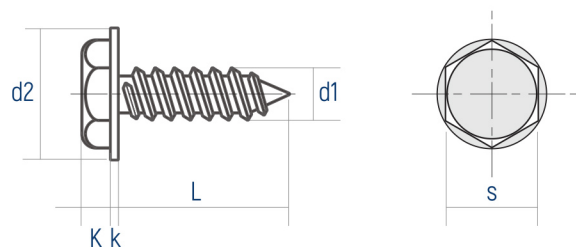
Size
(mm)

2.9 _x	6.5	9.5	9.5	9.5	9.5	16	19
	9.5	13	13	13	13	19	25
	13	16	16	16	16	25	32
	16	19	19	19	19	32	38
	19	25	25	25	25	38	45
	—	—	—	32	32	45	50
					38	50	75

Size
(inch)

#4 _x	1/4"	3/8"	3/8"	3/8"	3/8"	5/8"	3/4"
	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	1"
	1/2"	5/8"	5/8"	5/8"	5/8"	1"	1-1/4"
	5/8"	3/4"	3/4"	3/4"	3/4"	1-1/4"	1-1/2"
	3/4"	1"	1"	1"	1"	1-1/2"	1-3/4"
	—	—	—	1-1/4"	1-1/4"	1-3/4"	2"
					1-1/2"	2"	3"

Tapping Screw Hex Washer Head

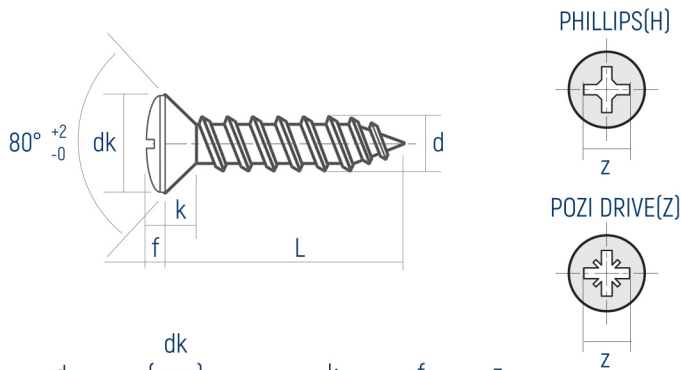


d	d2	k	K	S (max)
M4.8	9.8-10.5	0.9	4.15-4.45	8
M5.5	10.0-11.0	1.0	5.15-5.45	8
M6.3	12.2-13.2	1.0	6.15-6.45	10

Size (mm)			Size (inch)			
4.8 _x	13	16	19	1/2"	5/8"	3/4"
	16	19	25	5/8"	3/4"	1"
	19	25	32	3/4"	1"	1-1/4"
	25	32	38	1"	1-1/4"	1-1/2"
	32	38	45	1-1/4"	1-1/2"	1-3/4"
5.5 _x	38	45	50	1-1/2"	1-3/4"	2"
		50	75		2"	3"
6.3 _x						
#10 _x						
#12 _x						
#14 _x						

DIN 7983 Tapping Screw

Oval Head [Phillips or Pozi Recess]

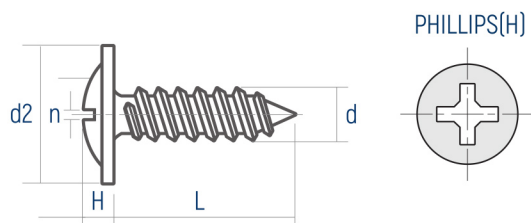


d	dk (max)	k	f	z
M2.9	5.20-5.50	1.7	0.9	1
M3.5	6.44-6.80	2.1	1.2	2
M3.9	7.14-7.50	2.3	1.3	2
M4.2	7.74-8.10	2.5	1.4	2
M4.8	9.14-9.50	3.0	1.5	2
M5.5	10.37-10.80	3.4	1.7	3
M6.3	11.97-12.40	3.8	2.0	3

Size (mm)													
2.9 _x	6.5	3.5 _x	9.5	3.9 _x	9.5	4.2 _x	9.5	4.8 _x	9.5	5.5 _x	16	6.3 _x	19
	9.5		13		13		13		13		19		25
	13		16		16		16		16		25		32
	16		19		19		19		19		32		38
	19		25		25		25		25		38		45
	—		—		—		32		32		45		50

Phillips

Truss Head



d	d2 (max)	h	n (max)
M4.2	11.5	2.6	2
M4.8	11.5	2.6	2

Truss head



Button head



Size (mm)				Size (inch)			
4.2 x	13	4.8 x	19	#8 x	1/2"	#10 x	3/4"
	16		25		5/8"		1"
	19		32		3/4"		1-1/4"
	25		38		1"		1-1/2"
	32		—		1-1/4"		—
	38		—		1-1/2"		—

14

Square
Tapping Screw



Slot
DIN 7972 Flat Head



Phillips or Pozi Recess
DIN 7982 Flat Head



Phillips or Pozi Recess
DIN 7983 Oval Head



Phillips or Pozi Recess
DIN 7981 Pan Head



Phillips or Pozi Recess
DIN 7971 Oval Head



Size
(mm)

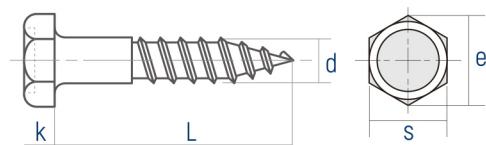
	6.5	9.5	9.5	9.5	9.5	16	19
	9.5	13	13	13	13	19	25
	13	16	16	16	16	25	32
2.9 x	16	3.5 x 19	3.9 x 19	4.2 x 19	4.8 x 19	5.5 x 32	6.3 x 38
	19	25	25	25	25	38	45
	—	—	—	32	32	45	50
					38	50	

Size
(inch)

	1/4"	3/8"	3/8"	3/8"	3/8"	5/8"	3/4"
	3/8"	1/2"	1/2"	1/2"	1/2"	3/4"	1"
	1/2"	5/8"	5/8"	5/8"	5/8"	1"	1-1/4"
#4 x	5/8"	#6 x 3/4"	#7 x 3/4"	#8 x 3/4"	#10 x 3/4"	#12 x 1-1/4"	#14 x 1-1/2"
	3/4"	1"	1"	1"	1"	1-1/2"	1-3/4"
	—	—	—	1-1/4"	1-1/4"	1-3/4"	2"
					1-1/2"	2"	3"

DIN 571 Wood Screw

Hexagon Head



d	dk	k	n
M6	3.36-4.38	9.647-10.00	10.89
M8	5.13-5.88	12.57-13.00	14.20
M10	6.55-7.45	16.57-17.00	18.72

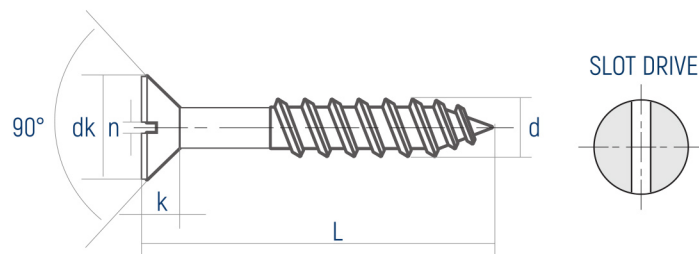
Size (mm)									
M6 x	20	M8 x	25	M8 x	70	M10 x	30	M10 x	75
	25		30		75		35		80
	30		35		80		40		90
	35		40		90		45		100
	40		45		100		50		120
	45		50		—		55		140
	50		55		—		60		—
	55		60		—		65		—
	60		65		—		70		—

Size (inch)									
1/4 x	3/4"	5/16 x	1"	5/16 x	2-3/4"	3/8 x	1-3/16"	3/8 x	3"
	1"		1-3/16"		3"		1-3/8"		3/52"
	1-3/16"		1-3/8"		3-3/52"		1-5/8"		3-1/2"
	1-3/8"		1-5/8"		3-1/2"		1-3/4"		4"
	1-5/8"		1-3/4"		4"		2"		4-3/4"
	1-3/4"		2"		—		2-3/16"		5-1/2"
	2"		2-3/16"		—		2-3/8"		—
	2-3/16"		2-3/8"		—		2-1/2"		—
	2-3/8"		2-1/2"		—		2-3/4"		—

Slotted Flat Head

DIN 97 Wood Screw

Black Oxide/ Zinc

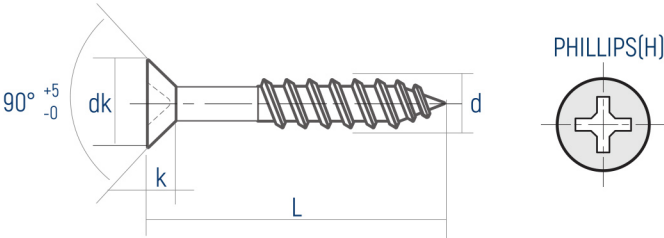


d	dK	k	n
M4	7.05 - 7.95	2.2	1.06 - 1.20
M5	8.75 - 9.65	2.5	1.26 - 1.51
M6	10.45 - 11.55	3.0	1.66 - 1.91

Size (mm)			Size (inch)		
M4 _x	16	16	25	5/8"	5/8"
	20	20	30	3/4"	3/4"
	25	25	35	1"	1"
	30	30	40	1-3/16"	1-3/16"
	35	35	45	1-3/8"	1-3/8"
	40	40	50	1-5/8"	1-5/8"
	45	45	60	1-3/4"	1-3/4"
	50	50	70	2"	2"
	60	60	80	2-3/8"	2-3/8"
	—	70	90	—	2-3/4"
M5 _x	—	80	—	—	3-3/52"
	—	—	—	—	—
M6 _x	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
#8 _x	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
#10 _x	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
#12 _x	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—

Phillips Flat Head

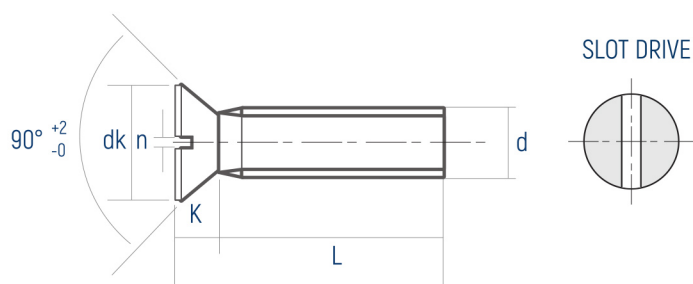
DIN 7997 Wood Screw
Black Oxide/ Zinc



d	dK	k	Gagin Depth	n
M4	7.05 - 7.95	2.2	1.85 - 2.31	No. 2
M5	8.75 - 9.65	2.5	2.64 - 3.10	No. 2
M6	10.45 - 11.55	3.0	2.72 - 3.18	No. 3

Size (mm)			Size (inch)			
M4 x	16	16	25	5/8"	5/8"	1"
	20	20	30	3/4"	3/4"	1-3/16"
	25	25	35	1"	1"	1-3/8"
	30	30	40	1-3/16"	1-3/16"	1-5/8"
	35	35	45	1-3/8"	1-3/8"	1-3/4"
	40	40	50	#8 x	#10 x	#12 x
	45	45	60	1-5/8"	1-5/8"	2"
	50	50	70	1-3/4"	1-3/4"	2-3/8"
	60	60	80	2"	2"	2-3/4"
	—	70	90	2-3/8"	2-3/8"	3-3/52"
	80		—	2-3/4"	3-1/2"	
					3-3/52"	

Slotted Flat Head

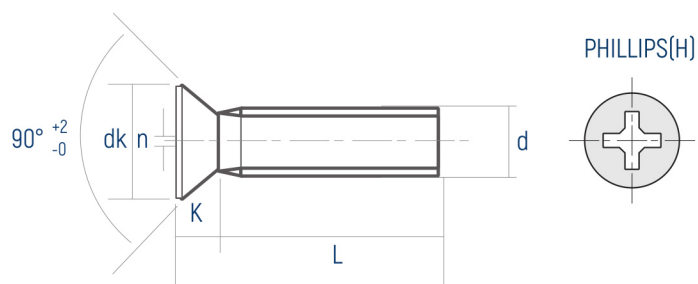


d	L	dK	n	k
M3.5	13 - 100	6.5	0.86 - 1.00	1.93
M4.0	13 - 100	7.5	1.06 - 1.20	2.20

ISO : 2009
DIN : 963

ANSI : B18.6.7M
BS : 4183
NFE : 25 - 123

Phillips Flat Head



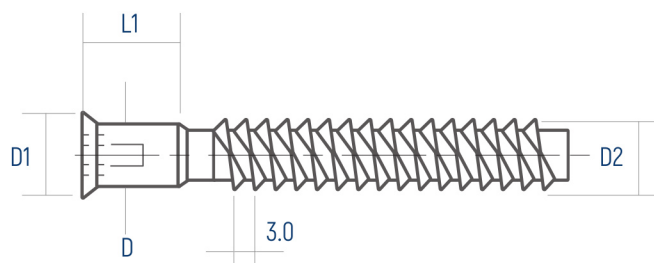
d	L	dK	k (max)
M4	13 - 60	7.5	2.2
M5	13 - 60	9.2	2.5

ISO : 7046 - 1
DIN : 965

ANSI : B18.6.7M
BS : 450
NFE : 25 - 119

Hex, Phillips or Torx Recess

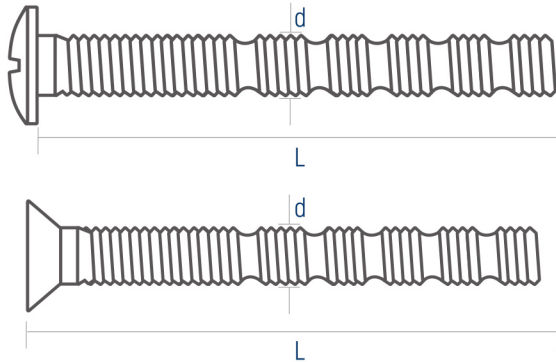
Confirmat Screw



d	L	L1	D1	D2
6.3	40	10-12	9.5-10.5	6.0-6.4
6.3	50	10-12	9.5-10.5	6.0-6.4
7.0	40	10-12	9.5-10.5	6.7-7.1
7.0	50	10-12	9.5-10.5	
7.0	60	10-12	9.5-10.5	
7.0	70	10-12	9.5-10.5	

Chipboard Thread pitch 3.0
Standard deep thread pitch 2.6

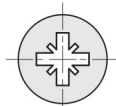
Break Machine Screw



PHILLIPS(H)



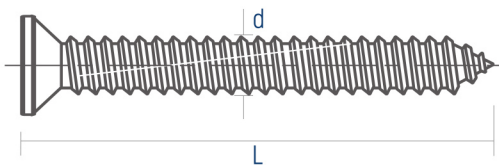
POZI DRIVE(Z)



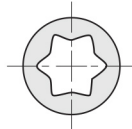
Hand Style	d (m/m)	L	d (inch)	L
Teuss	M4	45 - 75	#8	1-3/4"-3"
Falt	M4	45 - 75	#8	1-3/4"-3"

Concrete Screw

Flat Torx Head
Hi-Lo Thread

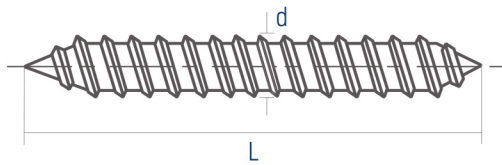


TORX



Size (mm)	d x L
7.5x60	7.5x72
7.5x92	7.5x112
7.5x132	7.5x152
7.5x182	7.5x212

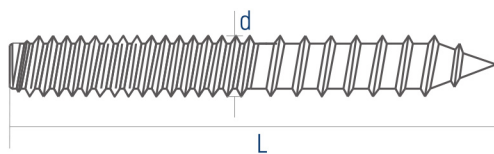
Dowel Screws



d	L
M4	25 - 70
M5	25 - 70
M6	25 - 100
M8	25 - 100
M10	25 - 100



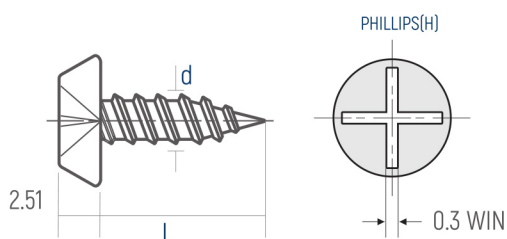
Hanger Bolt



d	L	pitch
M4	25 - 70	0.7
M5	25 - 70	0.8
M6	25 - 100	1.0
M8	25 - 100	1.25
M10	25 - 100	1.5



Phillips Drive Pan Framing Screw



d (m/m)	L	d (inch)	L
M3.5	11	#6	7 / 16"
M3.9	11	#7	7 / 16"



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ISO 9001



ISO 9001



ISO 14001



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