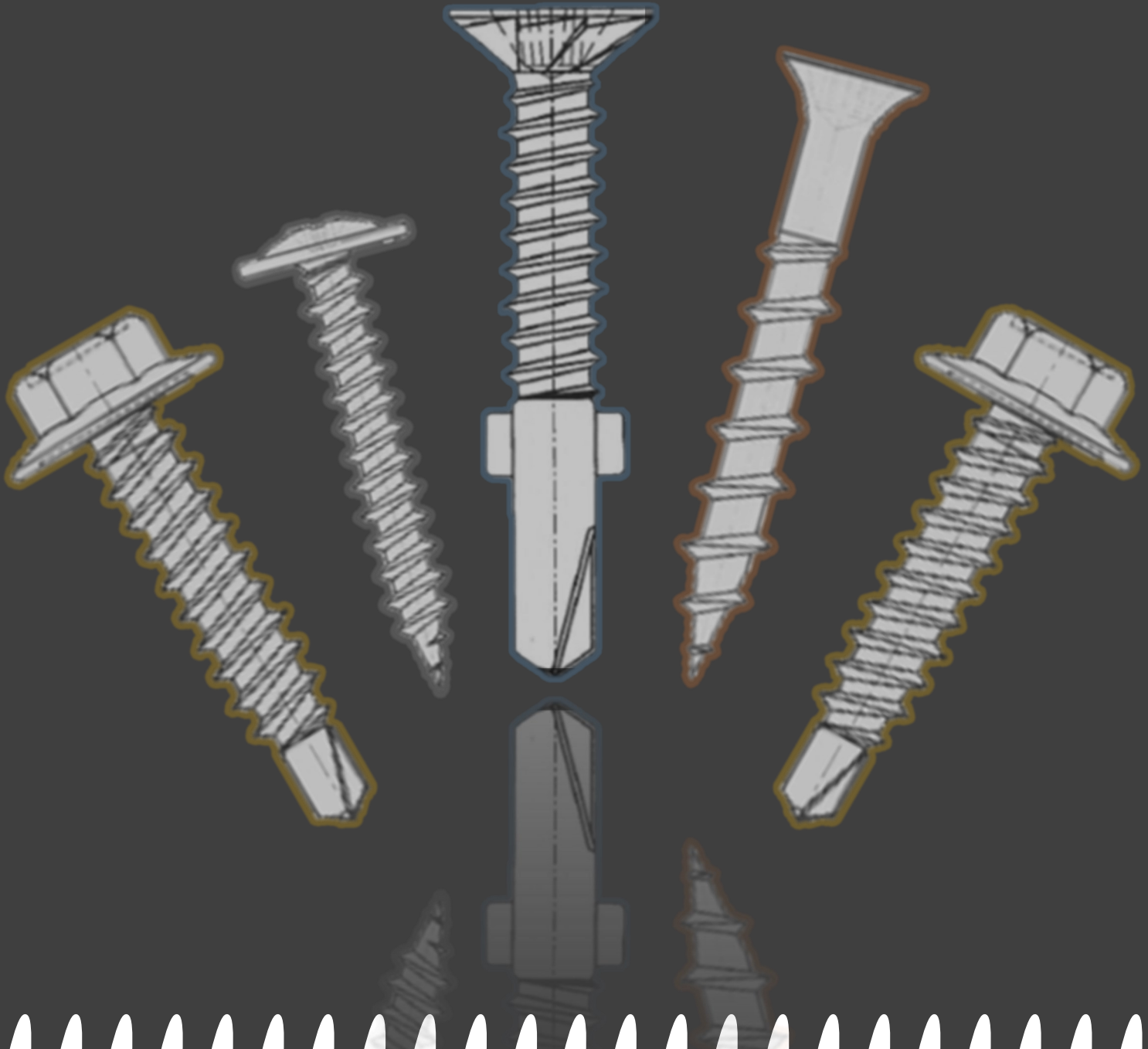


Tortion

FASTENED AND FIXED



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**FASTENED
FIXED
AND
FIXED
FASTENED**

PROFESSIONAL

*PROVIDE EXPERTISE AND KNOW-HOW IN
FASTENER AND CONSTRUCTION HARDWARE
INDUSTRY*

ACTIVE

*KEEP IMPROVING AND REFINING TO PROVIDE
THE BEST SERVICE*

TYPICAL

PROVIDE THE BEST QUALITY WITH THE BEST RATES

AMBITIOUS

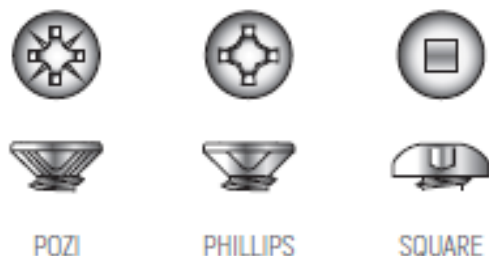
*PROVIDE A VARIETY OF FASTENERS AND SOLUTIONS
TO FIT OUR CLIENTS NEEDS*

SCREW DATA

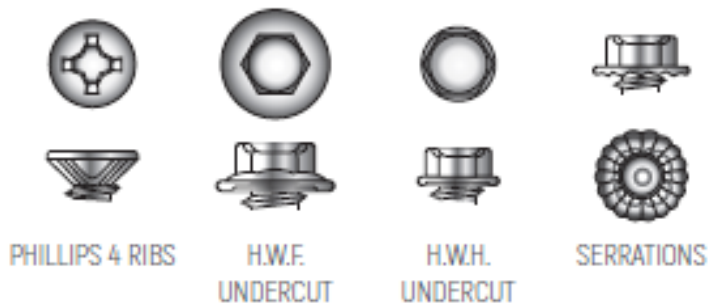
HEAD STYLE



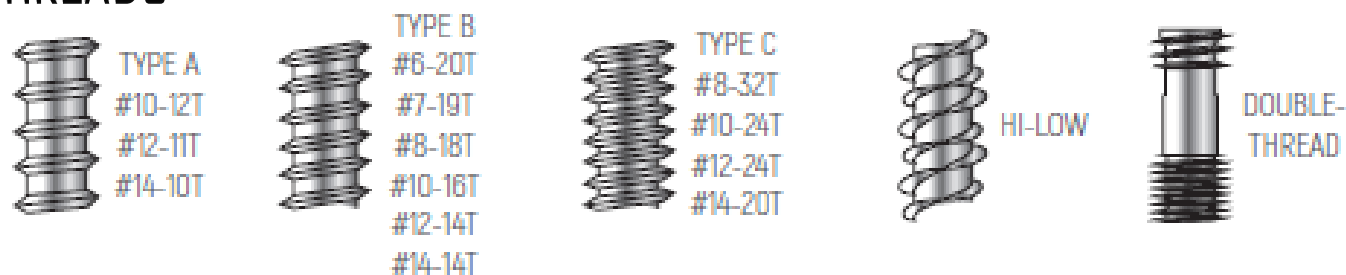
HEAD RECESS



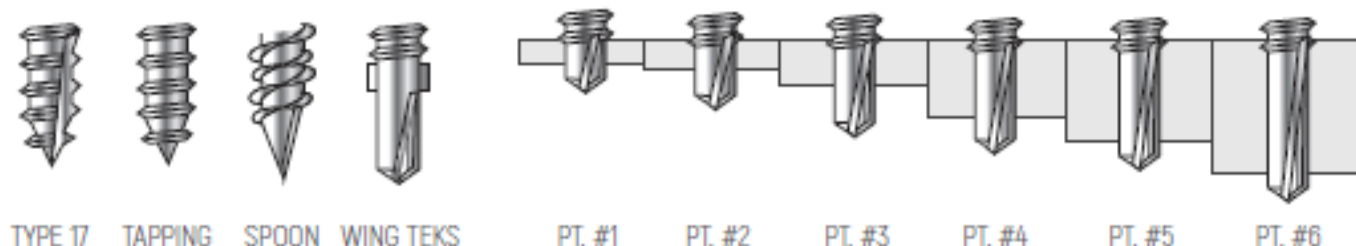
UNDER HEAD



THREADS



POINTS



MECHANICAL DATA

RESISTANCE PERFORMANCE

Salt Spray (ASTM B117)	2000 Hours
Kesternich (DIN 50018 2.0L [SO2])	25 Cycles
Acid Resistance (ASTM D-1308)	320 Hours
Heat Resistance (250 C)	15 Hours

SHEAR STRENGTH

Gauge	#6	#8	#10	#12	#14
mm	3.50	4.20	4.80	5.50	6.30
Kn	2.93	4.36	6.28	8.36	12.27



TENSILE STRENGTH

Gauge	#6	#8	#10	#12	#14
mm	3.50	4.20	4.80	5.50	6.30
Kn	5.00	7.00	10.00	12.50	17.00



TORSIONAL STRENGTH

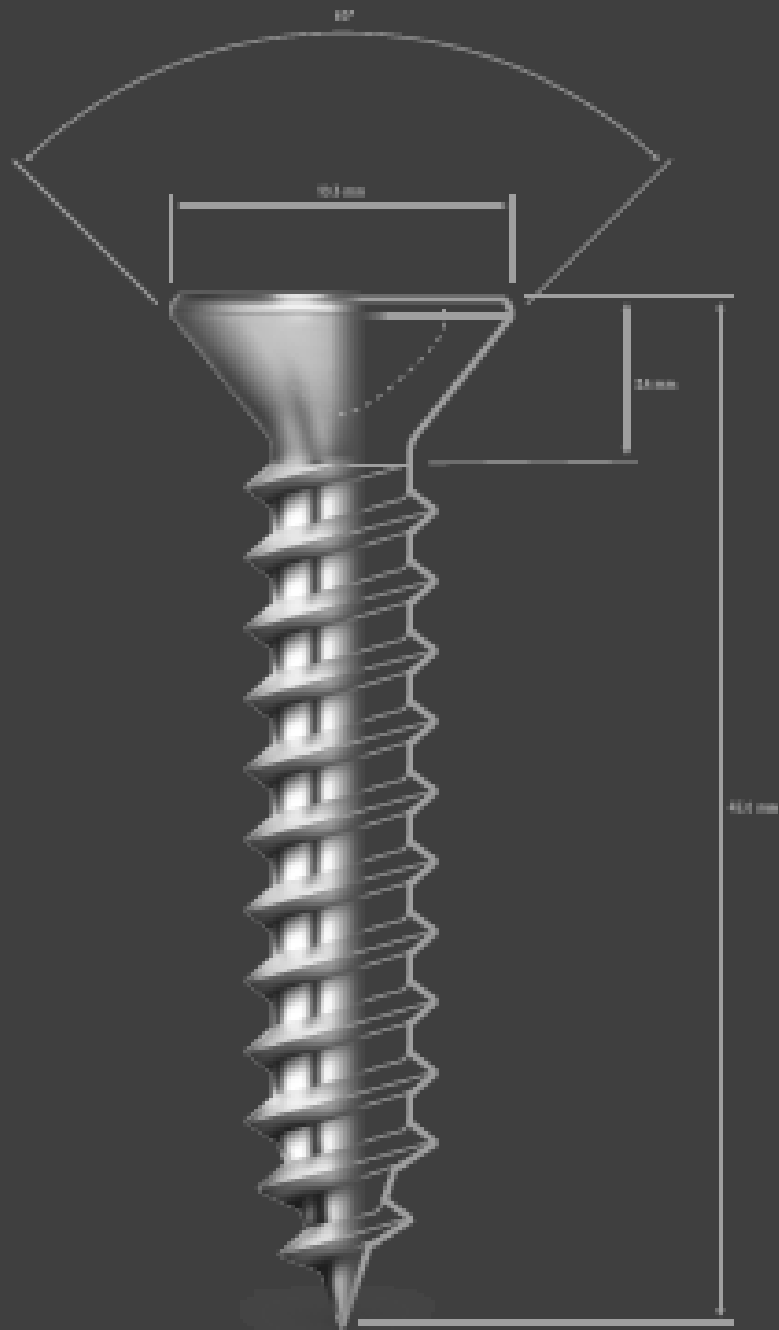
Gauge	#6	#8	#10	#12	#14
mm	3.50	4.20	4.80	5.50	6.30
Kn	2.80	4.50	6.50	10.00	14.00



PULL-OUT STRENGTH

Gauge	#2 & #3		#5		
mm	1.30	2.00	2.50	3.00	3.20
Kn	3.82	4.93	6.32	9.30	9.30

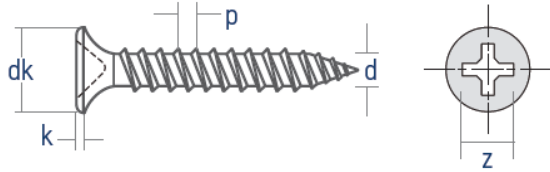




SCREWS

DRYWALL SCREWS

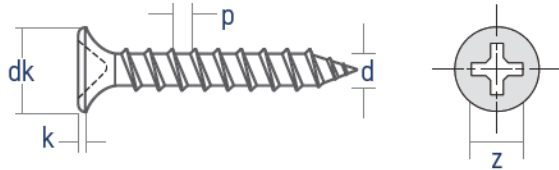
FINE THREAD



D	DK	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 - 8.4	0.8	No.2	2.12



COARSE THREAD



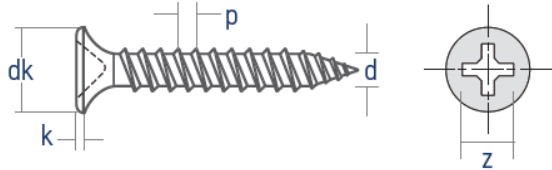
D	DK	K	Z	P
M3.5	8 - 8.4	0.8	No.2	2.82
M3.9	8 - 8.4	0.8	No.2	2.82
M4.8	8.8 - 9.2	0.8	No.2	3.18



SIZE	LENGTH MM	LENGTH INCH	
#6 M3.5	25	1"	1000pcs/Box
	32	1-1/4"	1000pcs/Box
	38	1-1/2"	1000pcs/Box
#7 M3.9	25	1"	1000pcs/Box
	38	1-1/2"	1000pcs/Box
	50	2"	1000pcs/Box
#10 M4.8	50	2"	1000pcs/Box

BUGLE HEAD SCREWS

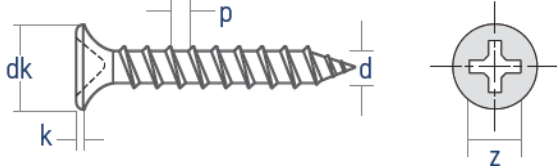
FINE THREAD



D	DK	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



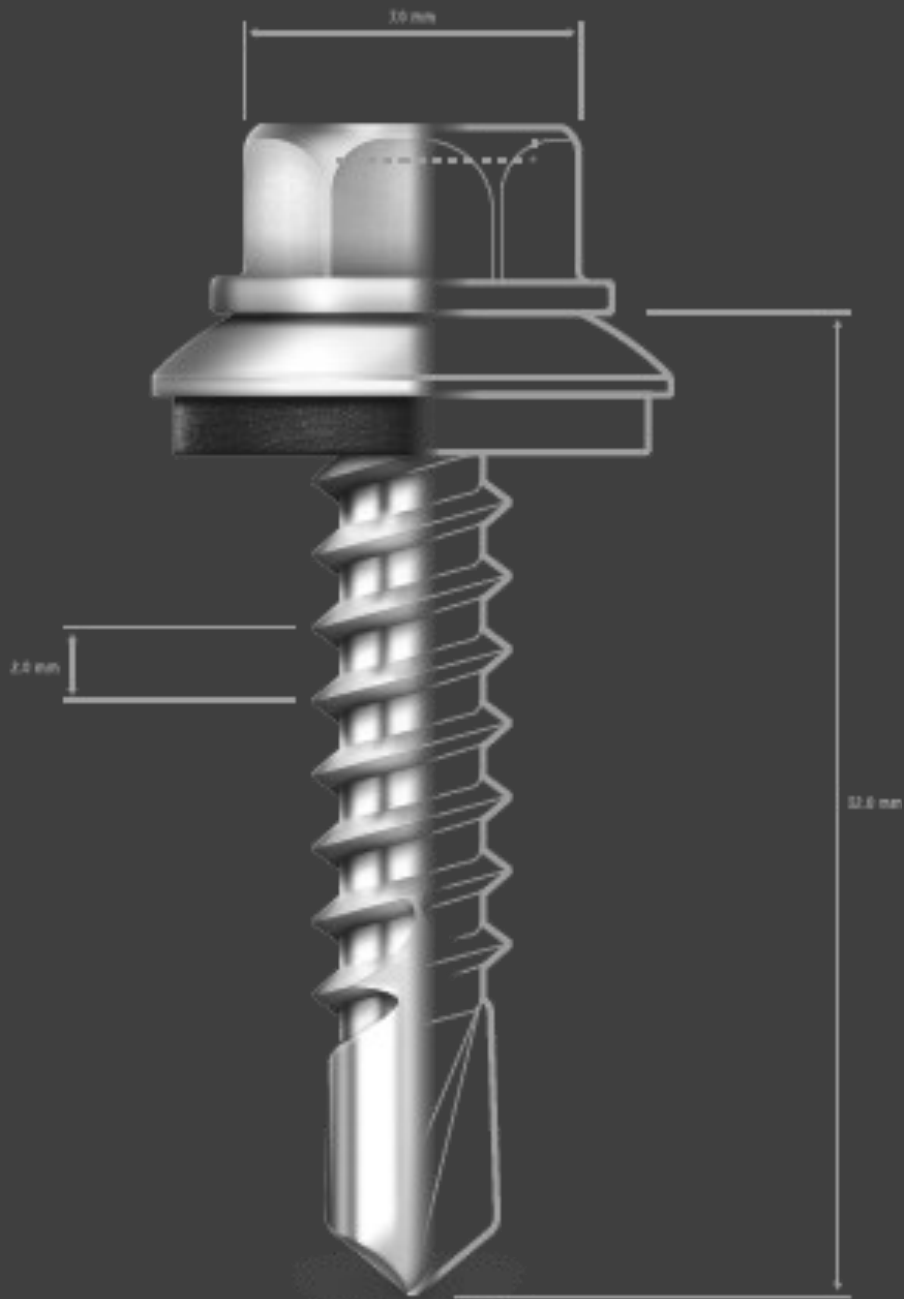
COARSE THREAD



D	DK	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	INCH	MM	SIZE	INCH	MM	SIZE	INCH	MM	SIZE	INCH	MM
#6 M3.5	3/4"	19	#7 M3.9	1"	25	#8 M4.2	1-1/4"	32	#10 M4.8	1-1/2"	38
	1"	25		1-1/4"	32		1-1/2"	38		2"	50
	1-1/8"	28		1-3/8"	35		2"	50		3"	75
	1-1/4"	32		1-1/2"	38		2-1/2"	63		3-1/2"	90
	1-3/8"	35		1-5/8"	41		3"	75		4"	100
	1-1/2"	38		1-3/4"	45		3-5/32"	80		4-5/16"	110
	1-5/8"	41		2"	50		3-1/2"	90			



SELF DRILLING SCREWS

COUNTERSUNK HEAD

APPLICATIONS

Used in applications where an extrusion of the screw head may cause issues such as wood-working applications, different framing applications, and finishing work.

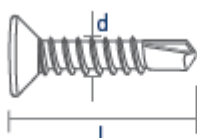
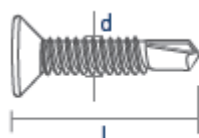
FEATURES

Countersunk screws, also known as Flat-Head Screws, sink into a surface and rest flush in the material.

Similar to other screws, a countersunk head screw has ridges that twist into a material to provide fastening power.



PLATED
ZN BP SS
 D-P
2 3
 Suggested application thickness
 Point #2 <2mm
 Point #3 <5mm



SIZE	LENGTH INCH	LENGTH MM	DRILL POINT M/M	DRILL CAPACITY M/M
#6 M3.5	3/8"	10	#2	0.5-1.0
	1/2"	13	#2	0.5-1.0
	5/8"	16	#2	0.5-1.0
	3/4"	19	#2	0.5-1.0
	1"	25	#2	0.5-1.0
#8 M4.2	1/2"	13	#2	1.0-2.0
	5/8"	16	#2	1.0-2.0
	3/4"	19	#2	1.0-2.0
	1"	25	#2	1.0-2.0
#10 M4.8	1/2"	13	#2	1.0-2.0
	5/8"	16	#2	1.0-2.0
	3/4"	19	#2	1.0-2.0
	1"	25	#3	1.0-3.0
	1-1/4"	32	#3	1.0-3.0
	1-1/2"	38	#3	1.0-3.0

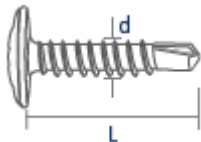
TRUSS HEAD

APPLICATIONS

They offer all the benefits of a pan head screw but feature a large diameter washer that give a clean, low-profile surface. Use them for general construction, HVAC installations, lighting and a wide range of other applications.

FEATURES

Truss head screws are threaded fasteners with a mushroom-shaped head. They have a wide and slightly rounded head that resembles a mushroom.



PLATED
ZN BP SS
 D-P
2 3
 Suggested application thickness
 Point #2 <2mm
 Point #3 <5mm

SIZE	LENGTH INCH	LENGTH MM	DRILL POINT M/M	DRILL CAPACITY M/M
#8 M4.2	1/2"	13	#2	1.0-2.0
	5/8"	16	#2	1.0-2.0
	3/4"	19	#2	1.0-2.0
	1"	25	#2	1.0-2.0
	1-1/4"	32	#2	1.0-2.0
	1-5/8"	41	#2	1.0-2.0
#10 M4.8	1/2"	13	#2	1.0-2.0
	5/8"	16	#2	1.0-2.0
	3/4"	19	#2	1.0-2.0
	1"	25	#3	1.0-3.0
	1-1/4"	32	#3	1.0-3.0
	1-1/2"	38	#3	1.0-3.0

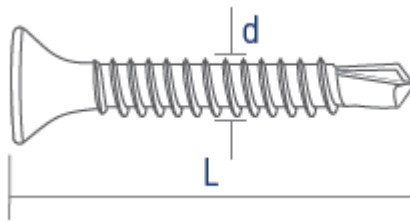
BUGLE HEAD

APPLICATIONS

Slim twin thread shank and a sharp easy start needle point for fast driving. Designed for fastening plasterboard, gyprock and drywall sheeting to timber, light gauge steel and heavily used in conjunction with wall plugs to masonry fastening.

FEATURES

Bugle head screws feature a countersunk head with a flat top and a concave under-head bearing surface. This unique design enables the distribution of the bearing stress over a much wider area than is possible with a flat head screw.



PLATED
ZN **YZ** **SS**
 D-P
3
 Suggested application thickness
 Point #3 <5mm

SIZE	LENGTH INCH	LENGTH MM	DRILL POINT M/M	DRILL CAPACITY M/M
#6 M3.5	1"	25	#3	0.5-1.0
	1-1/8"	28	#3	0.5-1.0
	1-1/4"	32	#3	0.5-1.0
	1-5/8"	41	#3	0.5-1.0
	2"	50	#3	0.5-1.0
#8 M4.2	1"	25	#3	1.0-2.0
	1-1/4"	32	#3	1.0-2.0
	2"	50	#3	1.0-2.0
	2-3/8"	60	#3	1.0-2.0
	2-5/8"	65	#3	1.0-2.0
	3"	75	#3	1.0-2.0

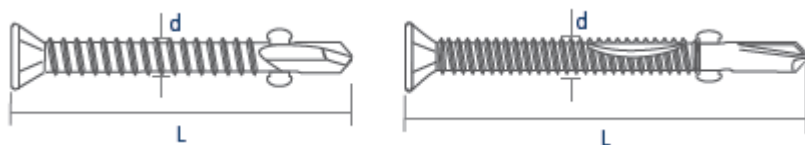
COUNTERSUNK WITH WINGS

APPLICATIONS

Self drilling countersunk wing tek screws are ideal for fixing timber to steel without the need to pre-drill. These screws have a hardened steel self drilling point (tek point) which cuts through mild steel without the need for pre-drilling (see product attributes for material thickness constraints).

FEATURES

These screws have a hardened steel self drilling point (tek point) which cuts through mild steel without the need for pre-drilling (see product attributes for material thickness constraints). The two protruding wings create clearance through the timber and break off during entry into the steel.



PLATED

ZN YZ SS

D-P

3 4 5

Suggested application thickness
Point #3 <2.5mm
Point #4 <5.8mm
Point #5 <9.12mm

SIZE	LENGTH INCH	LENGTH MM	DRILL POINT M/M	DRILL CAPACITY M/M
#10 M4.8	1"	25	#3	1.0 - 3.0
	1-1/4"	32	#3	1.0 - 3.0
	1-1/2"	38	#3	1.0 - 3.0
	1-3/4"	45	#3	1.0 - 3.0
#12 M5.5	1-1/2"	38	#3	2.0 - 4.0
	2"	50	#3 - #5	2.0 - 4.0—12.0
	2-3/16"	55	#3 - #5	2.0 - 4.0—12.0
	3"	75	#3 - #5	2.0 - 4.0—12.0
	3-5/32"	80	#3 - #5	2.0 - 4.0—12.0
	3-1/2"	45	#3 - #5	2.0 - 4.0—12.0
	4-3/4"	120	#3 - #5	2.0 - 4.0—12.0
#14 M6.3	2"	50	#4 - #5	7.0 - 8.0—12.0
	3-5/32"	80	#4 - #5	7.0 - 8.0—12.0
	3-1/2"	88	#4 - #5	7.0 - 8.0—12.0
	4-3/4"	120	#4 - #5	7.0 - 8.0—12.0
	6"	150	#4 - #5	7.0 - 8.0—12.0

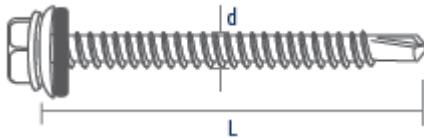
HEX WASHER HEAD

APPLICATIONS

Depending on the thread drive pitch and hex washer head screw dimension, they can be used for metal-to-metal fastening, metal and light steel framing, sheet metal and medium steel fastening, heavier gauge metal fastening applications, and solar panel installation.

FEATURES

- ◆ Hex washer head design provides maximum torque and holding power in metal to metal applications.
- ◆ The hex washer head design provides a larger load bearing surface for better holding power.
- ◆ Grabber screws begin with the best available materials and conform to strict manufacturing requirements in thread forming



PLATED

ZN YZ SS

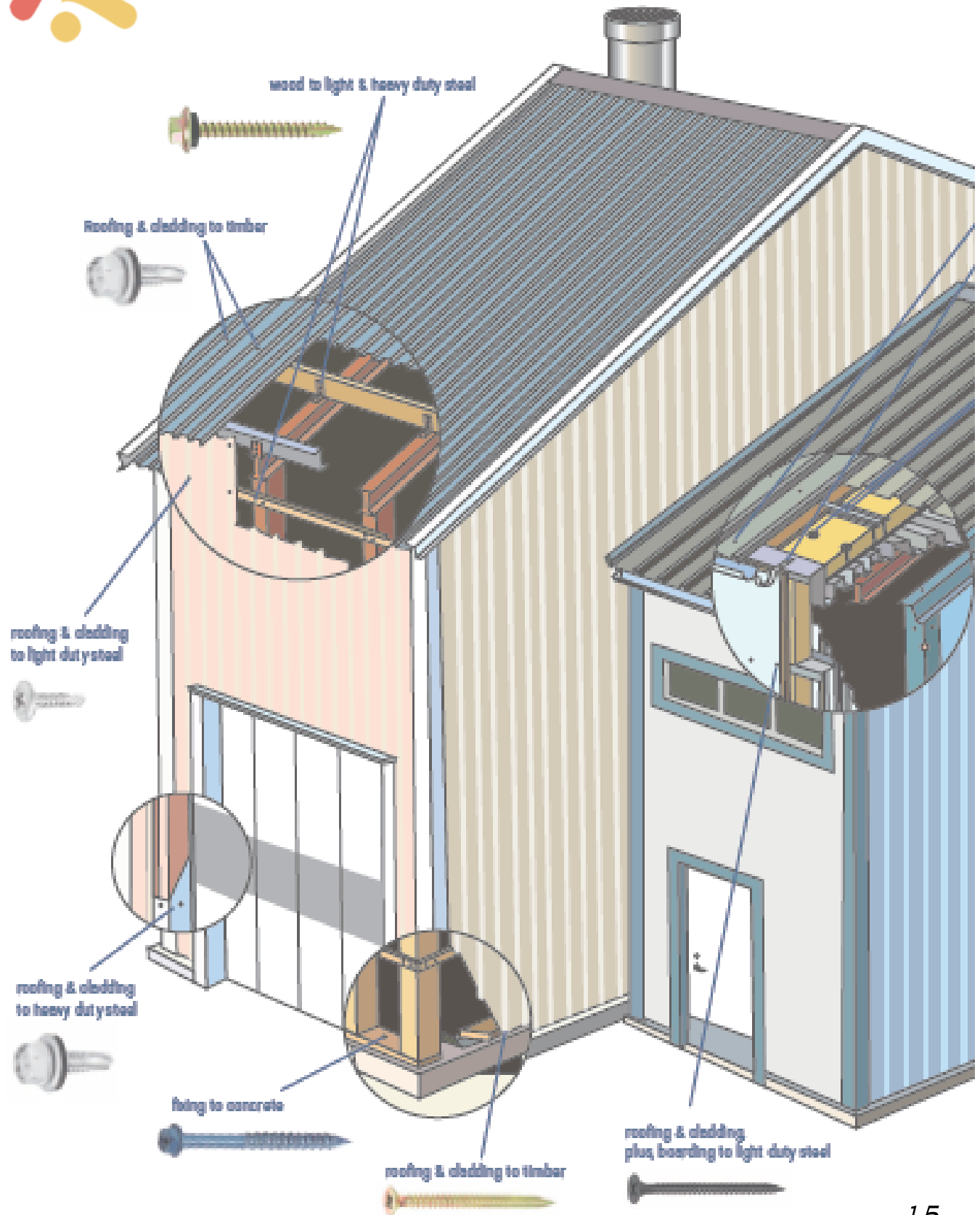
D-P

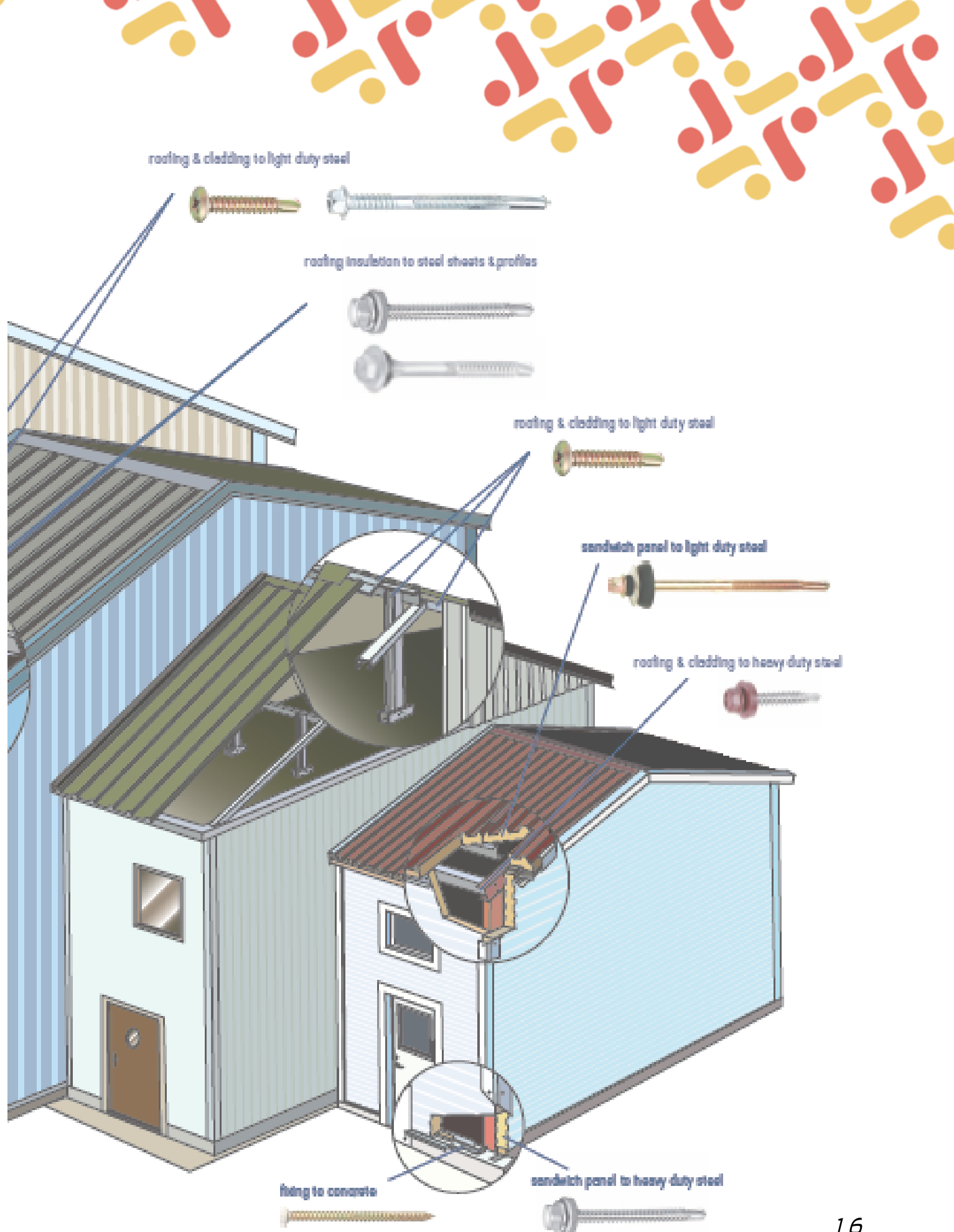
3

Suggested application thickness
Point #3 <5mm

SIZE	LENGTH INCH	LENGTH MM	DRILL POINT M/M	DRILL CAPACITY M/M
#12 M5.5	3/4"	25	#3	1.0 - 3.0
	1"	32	#3	1.0 - 3.0
	1-1/4"	38	#3	1.0 - 3.0
	1-1/2"	45	#3	1.0 - 3.0
	2"	38	#3	2.0 - 4.0
	2-1/2"	50	#3 - #5	2.0 - 4.0—12.0
	3"	55	#3 - #5	2.0 - 4.0—12.0
#14 M6.3		75	#3 - #5	2.0 - 4.0—12.0
		80	#3 - #5	2.0 - 4.0—12.0
		45	#3 - #5	2.0 - 4.0—12.0
		120	#3 - #5	2.0 - 4.0—12.0
		50	#4 - #5	7.0 - 8.0—12.0
		80	#4 - #5	7.0 - 8.0—12.0
		88	#4 - #5	7.0 - 8.0—12.0
		120	#4 - #5	7.0 - 8.0—12.0
		150	#4 - #5	7.0 - 8.0—12.0

SELF DRILLING SCREWS







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