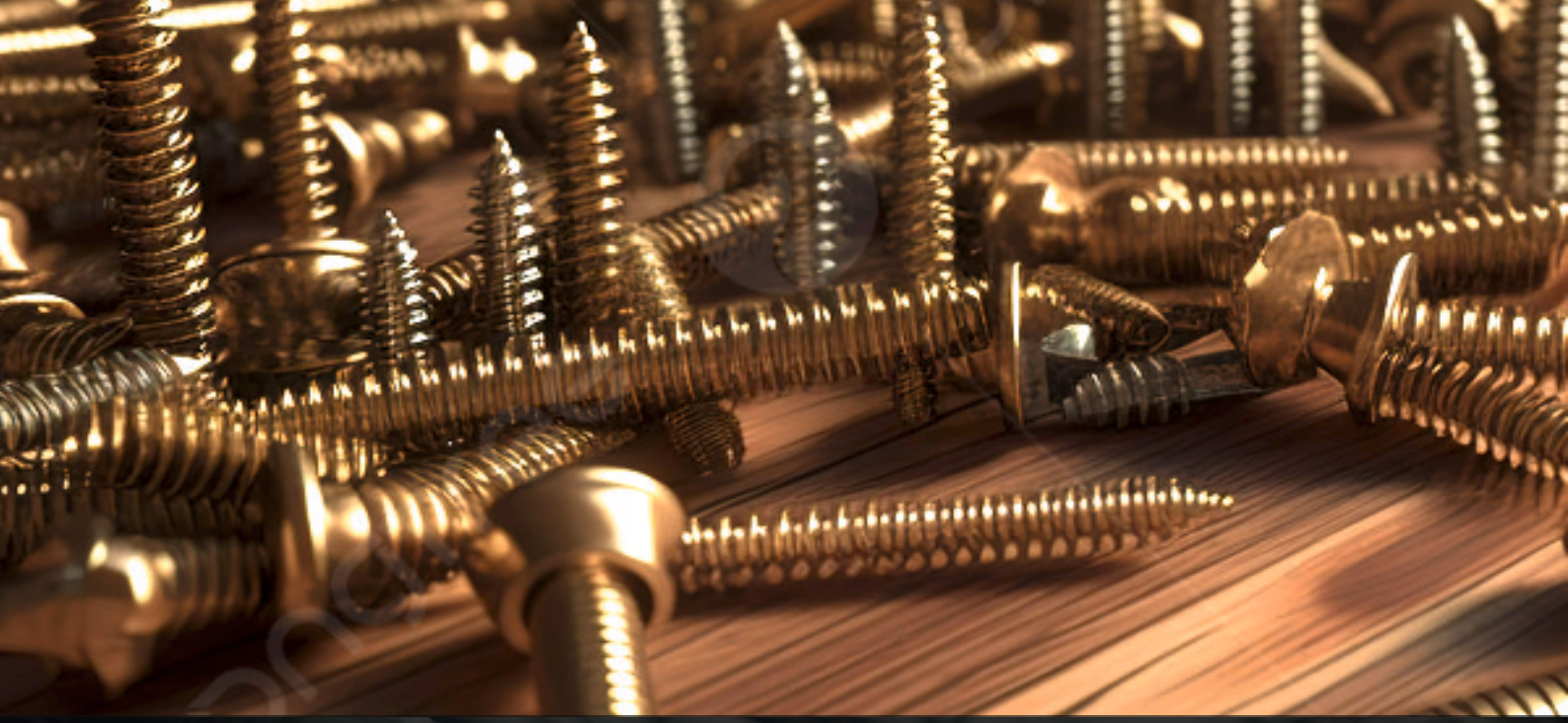
SCHTARK

Built to Last

SCREWS

Building connections that Last.



ABOUT US

SCHTARK SCREWS is a leading screws manufacturing Brand commited to delivering high-quality fastening solutons to industries worldwide. With a rich heritage spanning several decades, we have established ourselves as a trusted name in the industry, renowned for our precision-engineered screwsthat meet the highest standards of durability, reliability, and performance. Ourstate-of-the-art manufacturing facilites, advanced technology, and a team of skilled professionals enable us to consistently deliver innovatve screws thatcater to diverse applicatons. At SCHTARK SCREWS, we are dedicated toproviding exceptonal customer service, fostering long-term partnerships, and contributng to the success of our clients' projects.

VISION: To be the global leader in screws manufacturing, setting the industry standard for quality, innovation, and customer satisfaction.

MISSION: Our mission is to design, produce, and deliver superior screws that empower our customers' projects, enabling them to build with confdence and precision. We strive to continuously improve our products, processes, and services to exceed customer expectations and stay at the forefront of the industry.

Index

Certifications

Quality assurance is our promise to every customer

CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY THAT

SAKETH SEVEN STAR INDUSTRIES LIMITED

PAP D-146/147, TTC INDUSTRIAL AREA, TURBE MIDC,
THANE-400705, MAHARASHTRA, INDIA

Has been assessed and found to complies with the Requirements of EC Directive for the products as mentioned below

DRYWALL SCREWS, FASTENERS, ANCHORS
(MECHANICAL & CHEMICAL), NAILS, THREADED RODS,
SELF-DRILLING SCREWS, ROOFING BOLTS & THROUGH BOLTS

This Certificate of Compliance is based on the manufacturer's technical file of the above mentioned products & technical report and documentation are at the organizations disposal.
Technical documentation has been reviewed & found to comply with the requirement of the
Machinery Directive 2006/42/EC

Certificate Number: SCPL3562

Date of initial registration	: 12.05.2023	Date of Issue	: 12.05.2023
1st Surveillance Due	: 11.05.2024	Certificate Expiry	: 11.05.2024
2nd Surveillance Due	: 11.05.2025	Recertification Due	: 11.05.2026

Any significant changes in the design or process used to manufacture the products, or revisions to the standards referred above may require special audit by SIGMA CERTIFICATION PTY LTD. The product liability rests with the manufacturer or his representative in accordance with the applicable standards/directives.

Registration is subject to the system being continually maintained to the above standard under regular surveillance, If surveillance does not take place when required, registration shall be removed.

Authorized Signatory

CE

SIGMA CERTIFICATION PTY LTD
33, ROOKWOOD AVENUE,
COOPERS PLAINS,
QUEENSLAND 4108, AUSTRALIA.
E-mail: info@sigma-au.com
Web: www.sigma-au.com

Sigcert

This Certificate is property of SIGMA CERTIFICATION PTY. LTD and remains valid subject to satisfactory surveillance audits. Certificate can be verified on www.sigma-au.com

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ISO 14001

ACCREDIUM® CERTIFICATIONS

ZERTIFIKAT • CERTIFICAT • CERTIFICADO • BELGESI • CERTIFICATE

Certificate of Compliance

This is to Certify that the Environmental Management System of

SAKETH SEVEN STAR INDUSTRIES PRIVATE LIMITED

OFFICE ADD- PAP D-146/147, TTC INDUCTRIAL AREA, TURBHE M.I.D.C, NAVI MUMBAI-400706, MAHARASHRTRA, INDIA

SITE ADD- 35/2, KHOKANI INDUSTRIAL ESTATE, PLOT NO 5, SATIVALI VASAI-401202, INDIA

has been assessed and registered by Accredium and found to be in Compliance with the requirements applicable as per Environment Management System conforming:

ISO 14001:2015

For the scope of

ZINK FLAKE COATING & MANUFACTURING OF MOULDS & DIES.

Certificate No.	**GACB6490**		
Date of Initial Registration	08th Aug. 2020	*Issue Date*	08th Aug. 2020
1st Surveillance on or before	08th Aug. 2021	*Expiry Date*	07th Aug. 2023
2nd Surveillance on or before	08th Aug. 2022		

This Certificate is Valid for 3 years & will remain current subject to the company maintaining its system to the required standard(s). This will be monitored regularly by Accredium Certifications. The certification details & effectiveness are listed at www.acascert.com. The registration does not assure the quality of products produced by a quality system. This certificate is granted based on the limited sampling audit as per relevant ISO standard & Accredium Certifications is not responsible for client's failure to maintain documented quality systems

Authorised Signatory

GACB europe ACCREDITED

DFWQAA INTERNATIONAL MEMBER

APQO CORPORATE MEMBER

ACAS CERT

To Verify this Certificate Status & Details Kindly log on : www.acascert.com and www.gacb.eu

ISO 9001

ACCREDIUM® CERTIFICATIONS

ZERTIFIKAT • CERTIFICAT • CERTIFICADO • BELGESI • CERTIFICATE

Certificate of Compliance

This is to Certify that the Quality Management System of

SAKETH SEVEN STAR INDUSTRIES PRIVATE LIMITED

OFFICE ADD- PAP D-146/147, TTC INDUCTRIAL AREA, TURBHE M.I.D.C, NAVI MUMBAI-400706, MAHARASHRTRA, INDIA

SITE ADD- 35/2, KHOKANI INDUSTRIAL ESTATE, PLOT NO 5, SATIVALI VASAI-401202, INDIA

has been assessed and registered by Accredium and found to be in compliance with the requirements applicable as per Quality Management System conforming:

ISO 9001:2015

For the scope of

ZINK FLAKE COATING & MANUFACTURING OF MOULDS & DIES.

Certificate No.	**GACB6488**		
Date of Initial Registration	08th Aug. 2020	*Issue Date*	08th Aug. 2020
1st Surveillance on or before	08th Aug. 2021	*Expiry Date*	07th Aug. 2023
2nd Surveillance on or before	08th Aug. 2022		

This Certificate is Valid for 3 years & will remain current subject to the company maintaining its system to the required standard(s). This will be monitored regularly by Accredium Certifications. The certification details & effectiveness are listed at www.acascert.com. The registration does not assure the quality of products produced by a quality system. This certificate is granted based on the limited sampling audit as per relevant ISO standard & Accredium Certifications is not responsible for client's failure to maintain documented quality systems

Authorised Signatory

GACB europe ACCREDITED

DFWQAA INTERNATIONAL MEMBER

APQO CORPORATE MEMBER

ACAS CERT

To Verify this Certificate Status & Details Kindly log on : www.acascert.com and www.gacb.eu

Drywall Screws

Drywall screws are a staple in construction and home improvement projects. They offer several advantages over traditional nails, making them a popular choice for securing drywall and other materials.

Applications:

Attaching drywall to studs: This is the primary application, ensuring the drywall stays firmly in place.

Joining drywall sheets: Used to connect drywall panels together, creating a seamless surface.

Fastening trim and moulding: Securing decorative elements like baseboards and crown moulding.

Installing cabinets and shelves: Providing a strong hold for furniture and fixtures.

General woodworking projects: Suitable for various wood-to-wood fastening needs.

Benefits:

Strength and durability: Drywall screws offer superior holding power compared to nails, making them less likely to pull out or break.

Reduced damage to drywall: Their sharp tip and threaded design create smaller holes, minimizing the risk of cracking or splitting the drywall.

Ease of installation: Drywall screws are self-tapping, eliminating the need for pre-drilling in most cases. This saves time and effort.

Versatility: They can be used in various applications, from interior walls to furniture assembly.

Aesthetics: The lower profile of drywall screws allows for a smoother finish, especially when countersunk.

Cost-effectiveness: Drywall screws are generally more affordable than nails, especially when considering the time and effort saved during installation.

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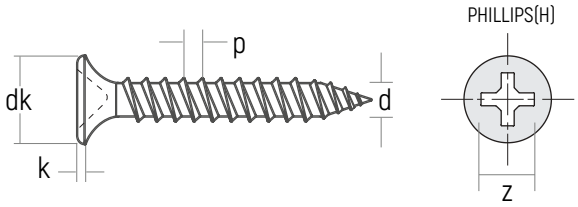
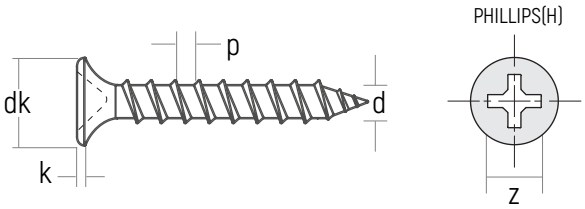
Bugle Head Phillips Twinfast Thread



Size	Length (mm)	Length (inch)
#6 (M3.5)	19	3/4"
#6 (M3.5)	25	1"
#6 (M3.5)	32	1 1/4"
#6 (M3.5)	35	1 3/8"
#6 (M3.5)	41	1 5/8"
#6 (M3.5)	45	1 3/4"
#7 (M3.7)	32	1 1/4"
#7 (M3.7)	35	1 3/8"
#7 (M3.7)	41	1 5/8"
#7 (M3.7)	45	1 3/4"
#7 (M3.7)	50	2"
#8 (M4.2)	50	2"
#8 (M4.2)	55	2 1/4"
#8 (M4.2)	63	2 1/2"
#8 (M4.2)	75	3"
#8 (M4.2)	80	3 1/4"
#10 (M4.8)	38	1 1/2"
#10 (M4.8)	75	3"
#10 (M4.8)	90	3 5/8"
#10 (M4.8)	100	4"

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



Size	Length (mm)	Length (inch)
#6 (M3.5)	32	1 1/4"
#6 (M3.5)	41	1 5/8"
#7 (M3.7)	41	1 5/8"
#7 (M3.7)	64	2 1/2"
#8 (M4.2)	31	1 1/4"
#8 (M4.2)	41	1 5/8"
#8 (M4.2)	63	2 1/2"

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

Chipboard Screws

Chipboard screws are specifically designed for fastening chipboard, a type of engineered wood that is made from wood chips or shavings bonded together with a resin. These screws offer several advantages over traditional screws when working with this materi al.

Applications:

Attaching chipboard to framing: Securing chipboard panels to wooden or metal framing for walls, cabinets, or furniture.

Joining chipboard panels: Connecting multiple chipboard panels together to create larger surfaces or structures.

Fastening hardware to chipboard: Attaching hinges, handles, or other hardware to chipboard components.

Creating chipboard furniture: Assembling various chipboard components to build tables, chairs, shelves, and other furniture pieces.

Interior construction: Used in various interior construction projects, such as building walls, ceilings, and partitions.

Benefits:

Optimized for chipboard: Chipboard screws have a specific thread design and shank thickness that are optimized for penetrating and holding in chipboard.

Reduced risk of splitting: The thread design helps to distribute the load and prevent the chipboard from splitting or cracking.

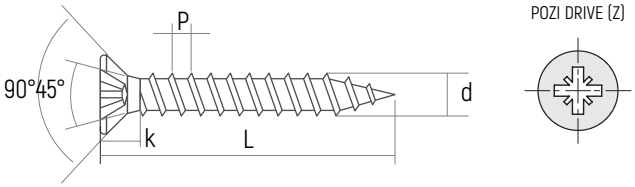
Stronger hold: Chipboard screws provide a secure and durable connection between chipboard panels and other materials.

Versatility: They can be used in a wide range of applications involving chipboard, from simple projects to complex constructions.

Cost-effective: Chipboard screws are generally more affordable than traditional screws, making them a suitable choice for budget-conscious projects.

CHIPBOARD SCREWS

Flat Head Pozi Recess



SIZE	LENGTH (mm)
M3.5	13
M3.5	16
M3.5	18
M3.5	20
M3.5	25
M3.5	30
M3.5	40
M3.5	50
M4	16
M4	18
M4	20
M4	25
M4	30
M4	40
M4	50
M4	60
M4.5	25
M4.5	30
M4.5	40

SIZE	LENGTH (mm)
M4.5	50
M4.5	60
M5	25
M5	30
M5	40
M5	50
M5	60
M5	70
M5	80
M5	90
M5	100
M6	50
M6	60
M6	70
M6	80
M6	90
M6	100
M6	120
M6	150

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

Wood Screws

Wood screws are a versatile and essential fastening solution for various woodworking projects. They offer several advantages over nails, providing a stronger and more secure connection.

Applications:

Joining wood pieces: Used to connect pieces of wood together to create furniture, cabinets, shelves, and other structures.

Attaching hardware: Securing hinges, handles, knobs, and other hardware to wooden components.

Creating wood assemblies: Assembling wooden frames, boxes, and other structures.

Repairing wooden items: Fixing broken or damaged wooden objects.

General woodworking projects: Suitable for a wide range of woodworking tasks, from simple to complex.

Benefits:

Strength and durability: Wood screws offer superior holding power compared to nails, making them less likely to pull out or break.

Versatility: They can be used in various applications, from joining small pieces of wood to constructing large structures.

Ease of installation: Wood screws are self-tapping, eliminating the need for pre -drilling in many cases. This saves time and effort.

Aesthetics: Wood screws can be countersunk or flush-mounted for a clean and finished appearance.

Cost-effectiveness: Wood screws are generally affordable and readily available.

Pozi / Torx

Frame Fixing Wood Screw

Finish: Zinc Plated / Zinc Flake / SS316

SCREW SIZE	HEAD TYPE
4.8 X 85	CSK-T30
4.8 X 105	CSK-T30
4.8 X 125	CSK-T30
4.8 X 145	CSK-T30
5.8 X 89	CSK-T30
5.8 X 109	CSK-T30
5.8 X 129	CSK-T30
5.8 X 149	CSK-T30
6.5 X 85	CSK-T40
6.5 X 105	CSK-T40
6.5 X 125	CSK-T40
6.5 X 145	CSK-T40
6.5 X 165	CSK-T40
6.5 X 89	CSK-T40
6.8 X 109	CSK-T40
6.8 X 129	CSK-T40
6.8 X 149	CSK-T40
6.8 X 169	CSK-T40
6.8 X 89	HEX FLANGE -T40
6.8 X 109	HEX FLANGE -T40
6.8 X 129	HEX FLANGE -T40
6.8 X 149	HEX FLANGE -T40
6.8 X 169	HEX FLANGE -T40

Self-Tapping Screws

Self-tapping screws are a type of screw that can cut its own threads into metal or other materials, eliminating the need for pre-tapping. This makes them a convenient and time-saving option for various applications.

Applications:

Attaching metal components: Used to secure metal plates, brackets, or other components to metal structures or machines.

Fastening metal to wood: Connecting metal hardware or components to wooden surfaces.

Assembling metal structures: Joining metal pieces together to create frames, cabinets, or other structures.

Repairing metal objects: Fixing damaged or broken metal components.

General metalworking projects: Suitable for a wide range of metalworking tasks.

Benefits:

Time-saving: Self-tapping screws eliminate the need for pre-tapping, saving time and effort.

Convenience: They are easy to use and require minimal tools.

Versatility: Self-tapping screws can be used in various applications, from simple repairs to complex assemblies.

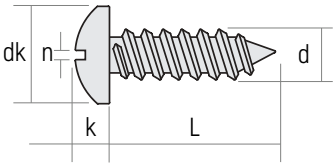
Strength and durability: They provide a secure and durable connection between metal components.

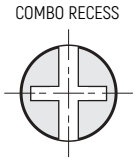
Cost-effectiveness: Self-tapping screws are generally more affordable than traditional screws that require pre-tapping.

DIN 7981 Tapping Screw

Pan Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304





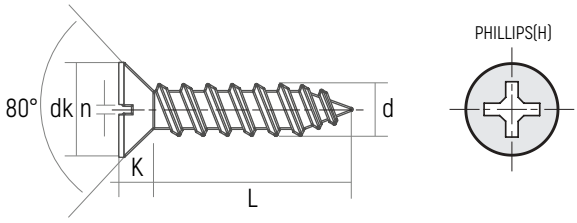
HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
PAN HEAD	7981	#6 (M3.5)	9.5	3/8"
PAN HEAD	7981	#6 (M3.5)	13	1/2"
PAN HEAD	7981	#6 (M3.5)	16	5/8"
PAN HEAD	7981	#6 (M3.5)	19	3/4"
PAN HEAD	7981	#6 (M3.5)	25	1"
PAN HEAD	7981	#7 (M3.9)	9.5	3/8"
PAN HEAD	7981	#7 (M3.9)	13	1/2"
PAN HEAD	7981	#7 (M3.9)	16	5/8"
PAN HEAD	7981	#7 (M3.9)	19	3/4"
PAN HEAD	7981	#7 (M3.9)	25	1"
PAN HEAD	7981	#8 (M4.2)	9.5	3/8"
PAN HEAD	7981	#8 (M4.2)	13	1/2"
PAN HEAD	7981	#8 (M4.2)	16	5/8"
PAN HEAD	7981	#8 (M4.2)	19	3/4"
PAN HEAD	7981	#8 (M4.2)	25	1"
PAN HEAD	7981	#8 (M4.2)	32	1 1/4"
PAN HEAD	7981	#10 (M4.8)	9.5	3/8"
PAN HEAD	7981	#10 (M4.8)	13	1/2"
PAN HEAD	7981	#10 (M4.8)	16	5/8"
PAN HEAD	7981	#10 (M4.8)	19	3/4"
PAN HEAD	7981	#10 (M4.8)	25	1"
PAN HEAD	7981	#10 (M4.8)	32	1 1/4"

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

DIN 7982 Tapping Screw

Flat Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304



HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
CSK HEAD	7982	#6 (M3.5)	13	1/2"
CSK HEAD	7982	#6 (M3.5)	16	5/8"
CSK HEAD	7982	#6 (M3.5)	19	3/4"
CSK HEAD	7982	#6 (M3.5)	25	1"
CSK HEAD	7982	#7 (M3.9)	9.5	3/8"
CSK HEAD	7982	#7 (M3.9)	13	1/2"
CSK HEAD	7982	#7 (M3.9)	16	5/8"
CSK HEAD	7982	#7 (M3.9)	19	3/4"
CSK HEAD	7982	#7 (M3.9)	25	1"
CSK HEAD	7982	#7 (M3.9)	30	
CSK HEAD	7982	#7 (M3.9)	32	1 1/4"
CSK HEAD	7982	#7 (M3.9)	38	1 1/2"
CSK HEAD	7982	#8 (M4.2)	13	1/2"
CSK HEAD	7982	#8 (M4.2)	16	5/8"
CSK HEAD	7982	#8 (M4.2)	19	3/4"
CSK HEAD	7982	#8 (M4.2)	25	1"
CSK HEAD	7982	#8 (M4.2)	30	
CSK HEAD	7982	#8 (M4.2)	32	1 1/4"
CSK HEAD	7982	#8 (M4.2)	38	1 1/2"
CSK HEAD	7982	#8 (M4.2)	50	2"
CSK HEAD	7982	#10 (M4.8)	19	3/4"
CSK HEAD	7982	#10 (M4.8)	25	1"

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

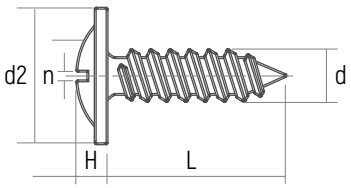
Phillips

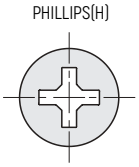
Truss Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304

Truss head

Button head





HEAD TYPE	SIZE	LENGTH (mm)	LENGTH (inch)
TRUSS HEAD	#8 (M4.2)	13	1/2"
TRUSS HEAD	#8 (M4.2)	16	5/8"
TRUSS HEAD	#8 (M4.2)	19	3/4"
TRUSS HEAD	#8 (M4.2)	25	1"
TRUSS HEAD	#8 (M4.2)	32	1 1/4"
TRUSS HEAD	#8 (M4.2)	38	1 1/2"
TRUSS HEAD	#10 (M4.8)	19	3/4"
TRUSS HEAD	#10 (M4.8)	25	1"
TRUSS HEAD	#10 (M4.8)	32	1 1/4"
TRUSS HEAD	#10 (M4.8)	38	1 1/2"

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

Self-Drilling Screws

Self-drilling screws are a type of screw that can drill their own pilot hole into metal or other materials, eliminating the need for pre-drilling. This makes them a convenient and time-saving option for various applications.

Applications:

Attaching metal components: Used to secure metal plates, brackets, or other components to metal structures or machines.

Fastening metal to wood: Connecting metal hardware or components to wooden surfaces.

Assembling metal structures: Joining metal pieces together to create frames, cabinets, or other structures.

Repairing metal objects: Fixing damaged or broken metal components.

General metalworking projects: Suitable for a wide range of metalworking tasks.

Benefits:

Time-saving: Self-drilling screws eliminate the need for pre-drilling, saving time and effort.

Convenience: They are easy to use and require minimal tools.

Versatility: Self-drilling screws can be used in various applications, from simple repairs to complex assemblies.

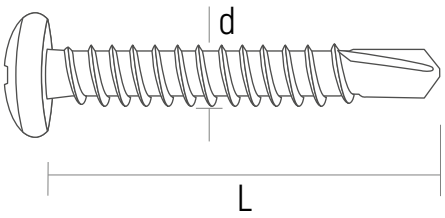
Strength and durability: They provide a secure and durable connection between metal components.

Cost-effectiveness: Self-drilling screws are generally more affordable than traditional screws that require pre-drilling.

Phillips

Pan Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304



HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
PAN	7504 N	#6 (M3.5)	13	1/2"
PAN	7504 N	#6 (M3.5)	16	5/8"
PAN	7504 N	#6 (M3.5)	19	3/4"
PAN	7504 N	#6 (M3.5)	25	1"
PAN	7504 N	#7 (M3.9)	13	1/2"
PAN	7504 N	#7 (M3.9)	16	5/8"
PAN	7504 N	#7 (M3.9)	19	3/4"
PAN	7504 N	#7 (M3.9)	25	1"
PAN	7504 N	#7 (M3.9)	30	1 1/4"
PAN	7504 N	#7 (M3.9)	32	1 1/4"
PAN	7504 N	#7 (M3.9)	38	1 1/2"
PAN	7504 N	#8 (M4.2)	13	1/2"
PAN	7504 N	#8 (M4.2)	16	5/8"
PAN	7504 N	#8 (M4.2)	19	3/4"
PAN	7504 N	#8 (M4.2)	25	1"
PAN	7504 N	#8 (M4.2)	32	1 1/4"
PAN	7504 N	#8 (M4.2)	38	1 1/2"
PAN	7504 N	#8 (M4.2)	50	2"
PAN	7504 N	#10 (M4.8)	13	1/2"
PAN	7504 N	#10 (M4.8)	16	5/8"
PAN	7504 N	#10 (M4.8)	19	3/4"
PAN	7504 N	#10 (M4.8)	25	1"

Applications

- Skin sheet to steel
- Residential steel frame construction
- For light duty purpose
- Suitable for stitching 1 thick & 1 thin steel plate

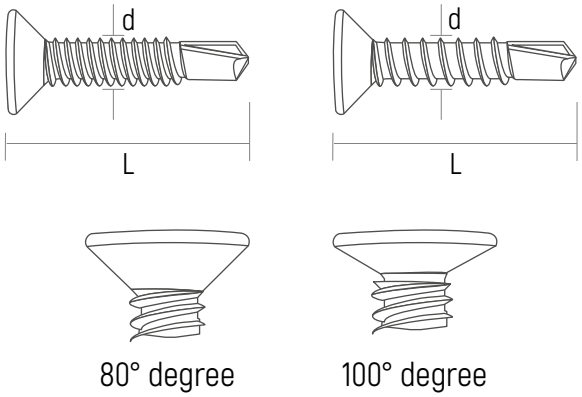
Features

- Pan head design on purost using
- Non-walking point provides fast material engagement

Phillips

Countersunk Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304



HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
CSK	7504 P	#6 (M3.5)	9.5	3/8"
CSK	7504 P	#6 (M3.5)	13	1/2"
CSK	7504 P	#6 (M3.5)	16	5/8"
CSK	7504 P	#6 (M3.5)	19	3/4"
CSK	7504 P	#6 (M3.5)	25	1"
CSK	7504 P	#7 (M3.9)	13	1/2"
CSK	7504 P	#7 (M3.9)	16	5/8"
CSK	7504 P	#7 (M3.9)	19	3/4"
CSK	7504 P	#7 (M3.9)	25	1"
CSK	7504 P	#7 (M3.9)	30	1 1/4"
CSK	7504 P	#7 (M3.9)	32	1 1/4"
CSK	7504 P	#7 (M3.9)	38	1 1/2"
CSK	7504 P	#8 (M4.2)	13	1/2"
CSK	7504 P	#8 (M4.2)	16	5/8"
CSK	7504 P	#8 (M4.2)	19	3/4"
CSK	7504 P	#8 (M4.2)	25	1"
CSK	7504 P	#8 (M4.2)	30	1 1/4"
CSK	7504 P	#8 (M4.2)	32	1 1/4"
CSK	7504 P	#8 (M4.2)	38	1 1/2"
CSK	7504 P	#8 (M4.2)	50	2"
CSK	7504 P	#10 (M4.8)	19	3/4"
CSK	7504 P	#10 (M4.8)	25	1"

Applications

- Best choice for fastening in window or door frames purpose
- Using in flat surface required
- Using in per-drilled hole for fitting

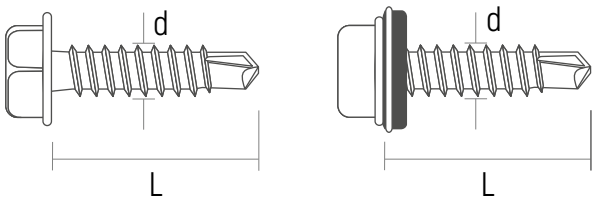
Features

- Precise cutting edges to improve drill performance
- Countersunk head available for working purpose

Light duty

Hex Washer Head

Finish: Zinc Plated / Zinc Flake / SS316 / SS304



HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
HEX FLANGE	7504 K	#10 (M4.8)	20	3/4"
HEX FLANGE	7504 K	#10 (M4.8)	25	1"
HEX FLANGE	7504 K	#12 (M5.5)	19	3/4"
HEX FLANGE	7504 K	#12 (M5.5)	25	1"
HEX FLANGE	7504 K	#12 (M5.5)	35	1 3/8"
HEX FLANGE	7504 K	#12 (M5.5)	45	1 3/4"
HEX FLANGE	7504 K	#12 (M5.5)	55	2 1/4"
HEX FLANGE	7504 K	#12 (M5.5)	63	2 1/2"
HEX FLANGE	7504 K	#12 (M5.5)	68	2 3/4"
HEX FLANGE	7504 K	#14 (M6.3)	25	1"
HEX FLANGE	7504 K	#14 (M6.3)	38	1 1/2"
HEX FLANGE	7504 K	#14 (M6.3)	50	2"
HEX FLANGE	7504 K	#14 (M6.3)	63	2 1/2"

Applications

- For light duty purpose
- Stitch roof deck and wall panel sidelaps
- Residential steel frame construction
- Brick ties to steel framing

Features

- Unique point to thread design extrudes the metal preventing stripout
- Non-walking point provides fast material engagement
- Point to thread design maximizes pullout performace and minimizes backout

Phillips

Truss Head

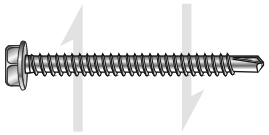
Finish: Zinc Plated / Zinc Flake / SS316 / SS304

HEAD TYPE	DIN	SIZE	LENGTH (mm)	LENGTH (inch)
TRUSS	7504 T	#8 (M4.2)	13	1/2"
TRUSS	7504 T	#8 (M4.2)	16	5/8"
TRUSS	7504 T	#8 (M4.2)	19	3/4"
TRUSS	7504 T	#8 (M4.2)	25	1"
TRUSS	7504 T	#8 (M4.2)	32	1 1/4"
TRUSS	7504 T	#8 (M4.2)	38	1 1/2"
TRUSS	7504 T	#8 (M4.2)	50	2"

Mechanical Data II

Shear Strength

Gauge	#6	#8	#10	#12	#14
MM	3.5	4.2	4.8	5.5	6.3
Kn	2.93	4.36	6.28	8.36	12.27



Tensile Strength

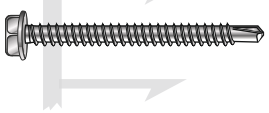
Gauge	#6	#8	#10	#12	#14
MM	3.5	4.2	4.8	5.5	6.3
Kn	5.0	7.0	10.0	12.5	17.0

Torsional Strength

Gauge	#6	#8	#10	#12	#14
MM	3.5	4.2	4.8	5.5	6.3
Nm	2.8	4.5	6.5	10.0	14.0

Pull-out Strength

Gauge	Drill Point #2, #3					#5	
MM	1.6	2.0	2.5	3.0	3.2	5.0	6.0
Kn	3.82	4.93	6.32	7.92	9.30	11.21	12.50



Performance And Mechanical Data				
	Steel Thickness	**4.8 mm (#10)**	**5.5 mm (#12)**	**6.3 mm (#14)**
Shear Strength (N)		6700	10400	13400
Tensile Strength (N)		9500	13900	15500
Torsional Strength (N - M)		6.5	10.0	14.0
Pull-out Strength (N)	2.3 mm	4690	4700	5000
	3.2 mm	7480	7610	7930
	4.5 mm	9680	12700	13500
	6.0 mm		13900	15000
Drilling Capacity	max. mm	3.5	4.5	6.0

The test results shown above are the result of laboratory tests and are guidance purpose only.

Mechanical Data III

Suggested Material Thickness For Steel Application			
Self Drilling Screws	Size	**Drill Point**	**Drill Capacity (m/m) max.**
	M3.5 (#6), M3.9 (#7)	#2	0.5 - 1.0 mm
	M4.2 (#8)	#2	1.0 - 2.0 mm
	M4.8 (#10)	#2	1.0 - 2.0 mm
	M4.8 (#10)	#3	1.0 - 3.0 mm
	M5.5 (#12), M6.3 (#14)	#3	2.0 - 4.0 mm
		#4	7.0 - 8.0 mm
		#5	10.0 - 12.0 mm
Drywall Screws		**Point NO.**	**Drill Capacity (m/m) max.**
			0.7 - 1.0 mm

TYPE OF HEAD	SIZE IN MM	MATERIAL GRADE
	M8 X 110	
	M8 X 160	
	M10 X 130	
	M10 X 170	
	M10 X 190	
	M12 X 160	
	M12 X 190	
	M12 X 260	
	M12 X 300	
FLAT & HEX	M16 X 190	5.8, 8.8, SS304, SS316
	M16 X 220	
	M16 X 260	
	M16 X 300	
	M16 X 380	
	M20 X 240	
	M20 X 260	
	M20 X 300	
	M20 X 350	
	M24 X 300	
	M30 X 380	

SCHARK

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