

domax

HARDENED SCREWS

FOR MULTIPLE
APPLICATIONS



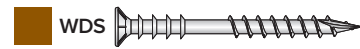
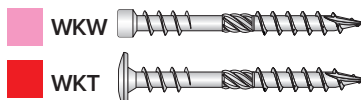
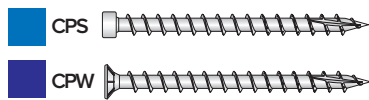
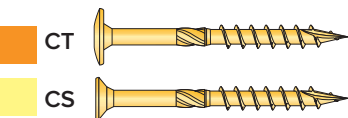
dmxsystem.com



CE



DMX® SCREWS DIVISION



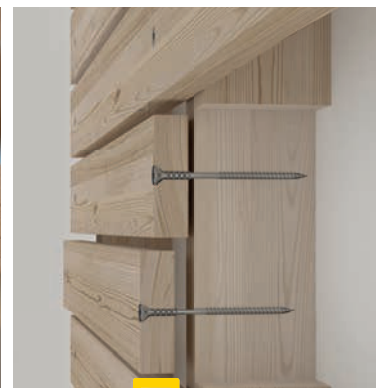
CARPENTRY SCREWS



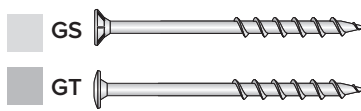
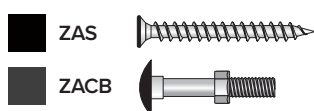
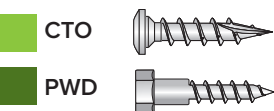
SCREWS WITH FULL THREAD



**SCREWS FOR
INSULATION ON RAFTERS**



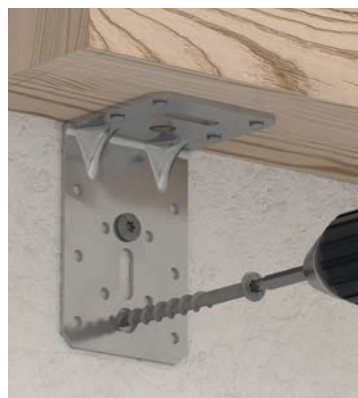
SPACER SCREWS



**SCREWS FOR GARDEN
ARCHITECTURE**



**SCREWS FOR GARDEN
ARCHITECTURE**



**SCREWS FOR
AERATED CONCRETE**



SCREW FOR CONCRETE

HARDENED CARPENTRY SCREWS

APPLICATION:

Connecting structural wooden elements. Tightening effect. CT/CS carpentry screws fully replace construction nails and do not require drilling. Perfect in wooden construction and carpentry, in framework constructions, hall constructions etc.

ADVANTAGES /FEATURES:

▶ CT DISK HEAD

- recognizable appearance;
- **one of the smaller diameters** on the market (nice appearance, not conspicuous);
- complies with pull-out of head standards.

▶ IMPROVED ROUNDED MILLING CUTTER

- the milling cutter is responsible for widening the hole in the fixed element;
- the new shape of the milling cutter eliminates shavings clogging, which results in lower frictional forces;
- reduced screwing torque.

▶ NEW EXTENDED THREAD

- change of thread length from 80 to 100 [mm]
- **smaller thread pitch**
- a longer thread combined with a reduced pitch gives more turns, which results in greater resistance to pulling out of wood and a lower screwing torque.

▶ CUTTING NOTCH

- cutting notch along the entire length of the thread;
- is responsible for shavings breaking and cutting the wood structure when screwing.

▶ DRILL BIT

- enables light screwing without prior drilling.



coating:
gold galvanic
zinc



TIGHTENING ACTION

STRENGTH

PULL-OUT
OF HEAD

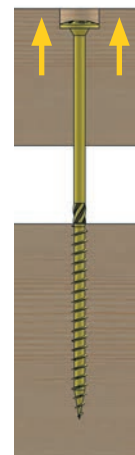
SCREWING IN

PULL OUT

$$f_{\text{head},k} = 31,5 \text{ [N/mm}^2\text{]}$$

$$R_{\text{tor},k} = 5,4 \text{ [Nm]}$$

$$f_{\text{ax},k} = 22 \text{ [N/mm}^2\text{]}$$



CT 8x360,
wood density
380 kg/m³



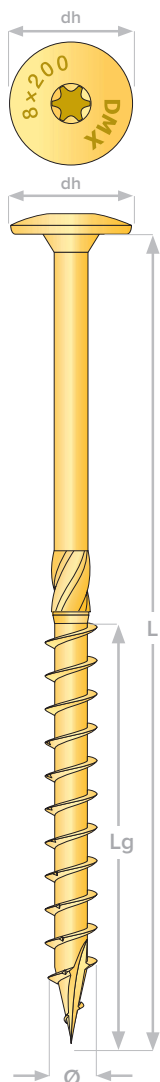
CT 8x240,
wood density
480 kg/m³



CT 8x240,
wood density
350 kg/m³

CT

DISK HEAD



NOVELTY

Ø 5

Ø 6

Ø 8

HARDENED CARPENTRY SCREWS

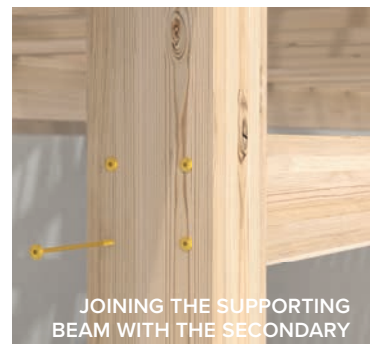
symbol	index	L	Lg	dh	TX
CT 05040	320503	40	24	13	25
CT 05045	320504	45	27	13	25
CT 05050	320505	50	30	13	25
CT 05060	320506	60	36	13	25
CT 05070	320507	70	40	13	25
CT 05080	320508	80	40	13	25
CT 05090	320509	90	40	13	25
CT 05100	320510	100	60	13	25
CT 05120	320512	120	60	13	25
CT 06070	320607	70	40	15	30
CT 06080	320608	80	40	15	30
CT 06100	320610	100	80	15	30
CT 06120	320612	120	80	15	30
CT 06140	320614	140	80	15	30
CT 06160	320616	160	80	15	30
CT 06180	320618	180	80	15	30
CT 06200	320620	200	80	15	30
CT 06220	320622	240	80	15	30
CT 06240	320624	240	80	15	30
CT 06260	320626	260	80	15	30
CT 06280	320628	280	80	15	30
CT 06300	320630	300	80	15	30
CT 08080	320808	80	55	20	40
CT 08100	320810	100	55	20	40
CT 08120	320812	120	80	20	40
CT 08140	320814	140	80	20	40
CT 08160	320816	160	80	20	40
CT 08180	320818	180	100	20	40
CT 08200	320820	200	100	20	40
CT 08220	320822	220	100	20	40
CT 08240	320824	240	100	20	40
CT 08260	320826	260	100	20	40
CT 08280	320828	280	100	20	40
CT 08300	320830	300	100	20	40
CT 08320	320832	320	100	20	40
CT 08340	320834	340	100	20	40
CT 08360	320836	360	100	20	40
CT 08380	320838	380	100	20	40
CT 08400	320840	400	100	20	40

Ø 10

symbol	index	L	Lg	dh	TX
CT 10120	321012	120	80	24	40
CT 10140	321014	140	80	24	40
CT 10160	321016	160	80	24	40
CT 10180	321018	180	80	24	40
CT 10200	321020	200	80	24	40
CT 10220	321022	220	80	24	40
CT 10240	321024	240	80	24	40
CT 10260	321026	260	80	24	40
CT 10280	321028	280	80	24	40
CT 10300	321030	300	80	24	40
CT 10320	321032	320	80	24	40
CT 10340	321034	340	80	24	40
CT 10360	321036	360	80	24	40
CT 10380	321038	380	80	24	40
CT 10400	321040	400	80	24	40



JOINING RAFTERS
WITH PURLINS



JOINING THE SUPPORTING
BEAM WITH THE SECONDARY

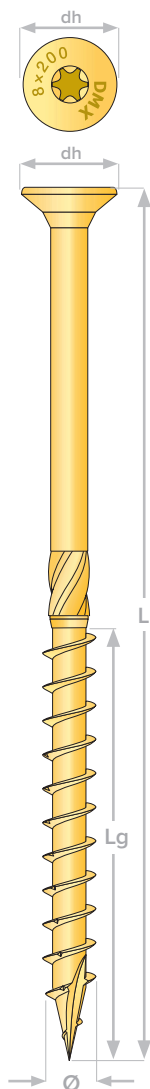


JOINING THE WOODEN
FLOOR ELEMENTS

TIGHTENING ACTION

CS

CONICAL HEAD



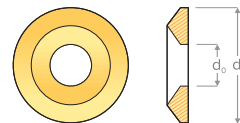
NOVELTY

HARDENED
CARPENTRY
SCREWS

symbol	index	L	Lg	dh	TX
CS 30030	310003	30	18	6	10
CS 30035	3100035	35	20	6	10
CS 30040	310004	40	24	6	10
CS 35030	310103	30	18	7	10
CS 35035	3101035	35	18	7	10
CS 35040	310104	40	18	7	10
CS 35045	3101045	45	24	7	10
CS 35050	310105	50	24	7	10
CS 40030	310403	30	18	8	20
CS 40035	3104035	35	18	8	20
CS 40040	310404	40	24	8	20
CS 40045	3104045	45	30	8	20
CS 40050	310405	50	30	8	20
CS 40060	310406	60	35	8	20
CS 40070	310407	70	40	8	20
CS 40080	310408	80	40	8	20
CS 45030	310203	30	18	9	20
CS 45035	3102035	35	18	9	20
CS 45040	310204	40	24	9	20
CS 45045	3102045	45	30	9	20
CS 45050	310205	50	30	9	20
CS 45060	310206	60	35	9	20
CS 45070	310207	70	40	9	20
CS 45080	310208	80	40	9	20
CS 05040	310503	40	24	10	25
CS 05045	310504	45	27	10	25
CS 05050	310505	50	30	10	25
CS 05060	310506	60	36	10	25
CS 05070	310507	70	40	10	25
CS 05080	310508	80	40	10	25
CS 05090	310509	90	40	10	25
CS 05100	310510	100	60	10	25
CS 05120	310512	120	60	10	25
CS 06070	310607	70	80	12	30
CS 06080	310608	80	80	12	30
CS 06100	310610	100	80	12	30
CS 06120	310612	120	80	12	30
CS 06140	310614	140	80	12	30
CS 06160	310616	160	80	12	30

symbol	index	L	Lg	dh	TX
CS 06180	310618	180	80	12	30
CS 06200	310620	200	80	12	30
CS 06220	310622	220	80	12	30
CS 06240	310624	240	80	12	30
CS 06260	310626	260	80	12	30
CS 06280	310628	280	80	12	30
CS 06300	310630	300	80	12	30
CS 08080	310808	80	55	15	40
CS 08100	310810	100	55	15	40
CS 08120	310812	120	80	15	40
CS 08140	310814	140	80	15	40
CS 08160	310816	160	80	15	40
CS 08180	310818	180	100	15	40
CS 08200	310820	200	100	15	40
CS 08220	310822	220	100	15	40
CS 08240	310824	240	100	15	40
CS 08260	310826	260	100	15	40
CS 08280	310828	280	100	15	40
CS 08300	310830	300	100	15	40
CS 08320	310832	320	100	15	40
CS 08340	310834	340	100	15	40
CS 08360	310836	360	100	15	40
CS 08380	310838	380	100	15	40
CS 08400	310840	400	100	15	40
CS 10120	311012	120	80	18	40
CS 10140	311014	140	80	18	40
CS 10160	311016	160	80	18	40
CS 10180	311018	180	80	18	40
CS 10200	311020	200	80	18	40
CS 10220	311022	220	80	18	40
CS 10240	311024	240	80	18	40
CS 10260	311026	260	80	18	40
CS 10280	311028	280	80	18	40
CS 10300	311030	300	80	18	40
CS 10320	311032	320	80	18	40
CS 10340	311034	340	80	18	40
CS 10360	311036	360	80	18	40
CS 10380	311038	380	80	18	40
CS 10400	311040	400	80	18	40

ACCESSORIES:

MACHINED CONICAL
WASHERS

symbol	index	d ₀	d ₁
PTS 6	3920	7,5	19,5
PTS 8	3922	8,5	24,5
PTS 10	3921	10,8	30

BIT TORX



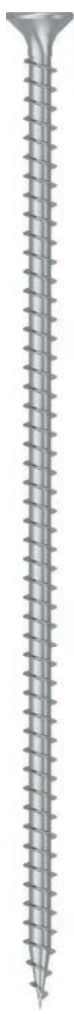
symbol	index
BIT TORX T15	3905
BIT TORX T20	3900
BIT TORX T25	3901
BIT TORX T30	3902
BIT TORX T40	3903
BIT TORX T50	3906

**VISIT OUR
CHANNEL**
on YouTube
and check
the use of
DMX screws.



CPW

CPS

CYLINDRICAL
HEADCONICAL
HEAD

HARDENED SCREWS WITH FULL THREAD

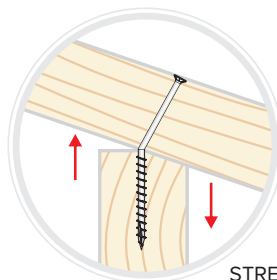
APPLICATION:

Screws with full thread will find application in **strengthening and stiffening wooden elements**, thanks to which no additional connectors are required. Perfect in wooden construction and carpentry, in framework constructions, hall constructions, renovation of wooden ceiling beams.

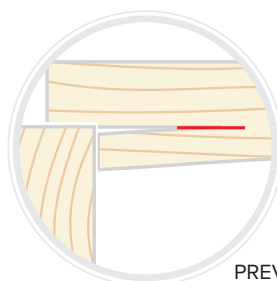
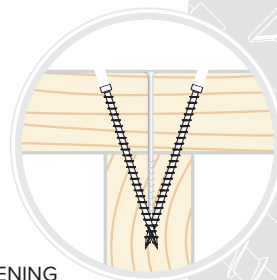
ADVANTAGES /FEATURES:

- ▶ **full thread** – optimally transfers loads between connected elements (both in the case of compressive and tensile forces);
- ▶ unlike partially threaded screws, full-threaded screws show **limited displacement, high rigidity and reduced plasticity**;
- ▶ **narrow cylindrical head** reduces the risk of cracks, also when fastened close to the edge;
- ▶ **universal in use**, both in industry and crafts;

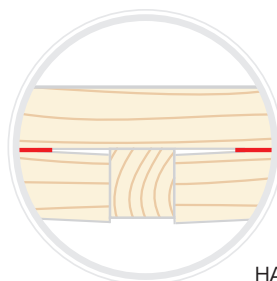
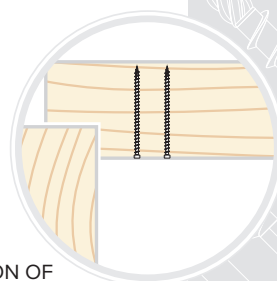
APPLICATION EXAMPLES



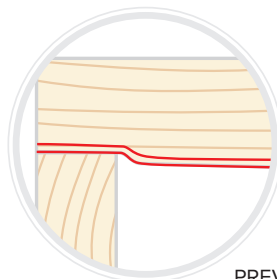
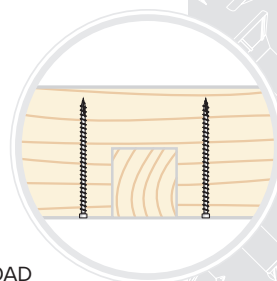
STRENGTHENING
THE ANGULAR JOINT



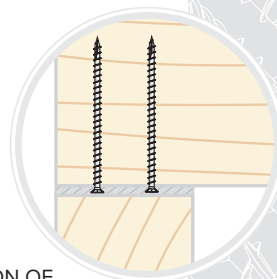
PREVENTION OF
CRACKING ON THE CUT LINE



HANG LOAD
STRENGTHENING



PREVENTION OF
COMPRESSION RECTANGULAR TO FIBRES



coating:
silver galvanic
zinc

CPW

CPS

CYLINDRICAL
HEADCONICAL
HEADHARDENED
SCREWS WITH
FULL THREAD

symbol	index	L	dh	TX
CPW 06100	3520610	100	8	30
CPW 06120	3520612	120	8	30
CPW 06140	3520614	140	8	30
CPW 06160	3520616	160	8	30
CPW 06180	3520618	180	8	30
CPW 06200	3520620	200	8	30
CPW 06220	3520622	220	8	30
CPW 06240	3520624	240	8	30
CPW 06260	3520626	260	8	30
CPW 06280	3520628	280	8	30
CPW 06300	3520630	300	8	30

symbol	index	L	dh	TX
CPS 08180	3510818	180	15	40
CPS 08200	3510820	200	15	40
CPS 08220	3510822	220	15	40
CPS 08240	3510824	240	15	40
CPS 08260	3510826	260	15	40
CPS 08280	3510828	280	15	40
CPS 08300	3510830	300	15	40
CPS 08320	3510832	320	15	40
CPS 08340	3510834	340	15	40
CPS 08360	3510836	360	15	40
CPS 08380	3510838	380	15	40
CPS 08400	3510840	400	15	40
CPS 08450	3510845	450	15	40
CPS 08500	3510850	500	15	40
CPS 10180	3511018	180	18,5	50
CPS 10200	3511020	200	18,5	50
CPS 10220	3511022	220	18,5	50
CPS 10240	3511024	240	18,5	50
CPS 10260	3511026	260	18,5	50
CPS 10280	3511028	280	18,5	50
CPS 10300	3511030	300	18,5	50
CPS 10320	3511032	320	18,5	50
CPS 10340	3511034	340	18,5	50
CPS 10360	3511036	360	18,5	50
CPS 10380	3511038	380	18,5	50
CPS 10400	3511040	400	18,5	50
CPS 10450	3511045	450	18,5	50
CPS 10500	3511050	500	18,5	50

coating:
silver galvanic
zinc

Connection using full-thread screws shows:

- imited movement;
- lhigh rigidity;
- reduced plasticity.



VISIT OUR CHANNEL
on YouTube and check
the use of **DMX**
screws.

WKW

WKT

SCREWS FOR INSULATION ON RAFTERS

CYLINDRICAL
HEAD



DISC
HEAD



APPLICATION:

Screws for insulation systems on rafters for wooden constructions. Thanks to the high tensile strength, the screws can also be used in many other wooden constructions.

ADVANTAGES /FEATURES:

- ▶ **double thread** - longer for rafters, shorter under the head for counter batten, **eliminates the problem of exerting excessive pressure on the insulation material**;
- ▶ thanks to the use of a **small cylindrical head**, we gain the possibility of inserting the screw at any angle relative to the underlay. The head hides in the material, without having to enlarge the hole first;
- ▶ thanks to the use of a **special, wide disc head**, we obtain a larger **clamping surface and joint strength**;
- ▶ **drill bit** enables light screwing in without prior drilling.



coating:
silver galvanic
zinc



SCREWS FOR INSULA-
TION ON RAFTERS
WKT AND WKW
– AREAS OF
APPLICATION

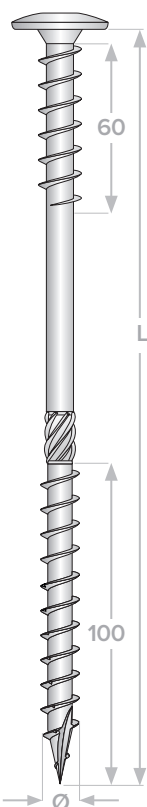
WKW

WKT

SCREWS FOR INSULATION ON RAFTERS

CYLINDRICAL
HEAD

DISK
HEAD



TECHNICAL DATA:

WKW

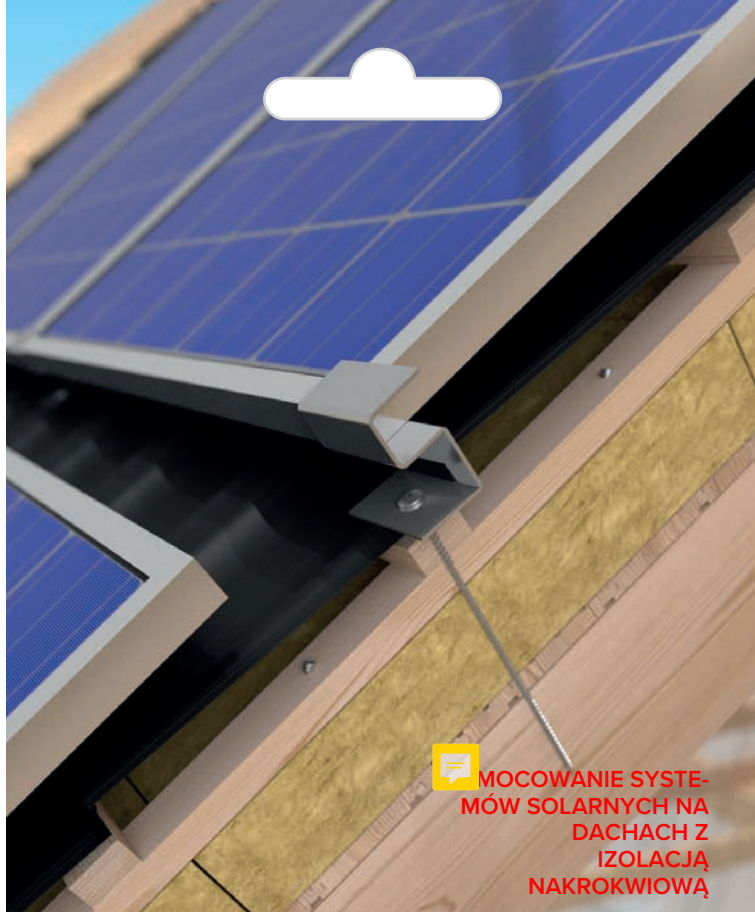
symbol	index	L	dh	TX
WKW 08180	3310818	180	10	40
WKW 08200	3310820	200	10	40
WKW 08220	3310822	220	10	40
WKW 08240	3310824	240	10	40
WKW 08260	3310826	260	10	40
WKW 08280	3310828	280	10	40
WKW 08300	3310830	300	10	40
WKW 08330	3310833	330	10	40
WKW 08360	3310836	360	10	40
WKW 08400	3310840	400	10	40

TECHNICAL DATA:

WKT

symbol	index	L	dh	TX
WKT 08180	340818	180	20	40
WKT 08200	340820	200	20	40
WKT 08220	340822	220	20	40
WKT 08240	340824	240	20	40
WKT 08260	340826	260	20	40
WKT 08280	340828	280	20	40
WKT 08300	340830	300	20	40
WKT 08330	340833	330	20	40
WKT 08360	340836	360	20	40
WKT 08400	340840	400	20	40

coating:
silver galvanic
zinc



**MOCOWANIE SYSTE-
MÓW SOLARNYCH NA
DACHACH Z
IZOLACJĄ
NAKROKWIOWĄ**

ACCESSORIES:

**TEMPLATE
FOR SCREWING IN
SCREWS ANGLE
45° / 67°**

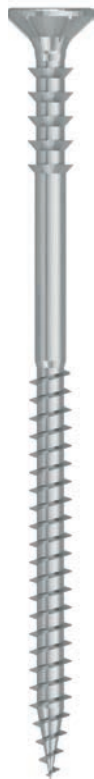


symbol	index
SW 45/67	3939

HARDENED SPACER SCREWS

WDS

CONICAL HEAD



coating:
silver galvanic
zinc

ADVANTAGES /FEATURES:

- ▶ **the drill bit** enables light screwing in without prior drilling;
- ▶ **TORX socket** for better transfer of screwing force
- ▶ **rings under the head** for the batten allow better holding and more accurate adjustment;
- ▶ **the distance between the elements** can be changed at any time by changing the screwing direction;
- ▶ **high strength of joints** for various types of wood;
- ▶ **universal in use.**

APPLICATION:

Are used, among others, **for renovation of roofs with significant steps in the roofs, levelling battens, as well as for fixing and setting the façade vertically.** WDS distance screws have special rings under the head for maintaining material and more precise adjustment, and the distance between the elements can be changed by changing the direction of screwing. Thanks to the versatile use, **spacer screws are widely used in wooden constructions.**

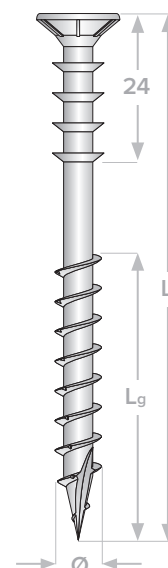


VERTICAL
FACADE
SETTING

TECHNICAL DATA:

WDS

symbol	index	L	Lg	dh	TX
WDS 06060	3390606	60	30	12	30
WDS 06070	3390607	70	40	12	30
WDS 06080	3390608	80	50	12	30
WDS 06090	3390609	90	50	12	30
WDS 06100	3390610	100	60	12	30
WDS 06110	3390611	110	60	12	30
WDS 06120	3390612	120	60	12	30
WDS 06130	3390613	130	60	12	30
WDS 06145	3390614	145	60	12	30
WDS 06160	3390616	160	60	12	30



GS

GT

CONICAL
HEADDISK
HEAD

HARDENED SCREWS FOR AERATED CONCRETE

ADVANTAGES /FEATURES:

- ▶ **screwing directly into the material** - no pre-drilling required;
- ▶ **installation without the use of dowels and expansion sleeves** reduces the risk of wall damage and saves time;
- ▶ **immediate** load capacity;
- ▶ assembly **does not require specialized equipment** and can be performed using standard power tools;
- ▶ **high strength of the screws** is provided by **hardened carbon steel**;
- ▶ **resistant to weather conditions.**

coating:
flake zinc

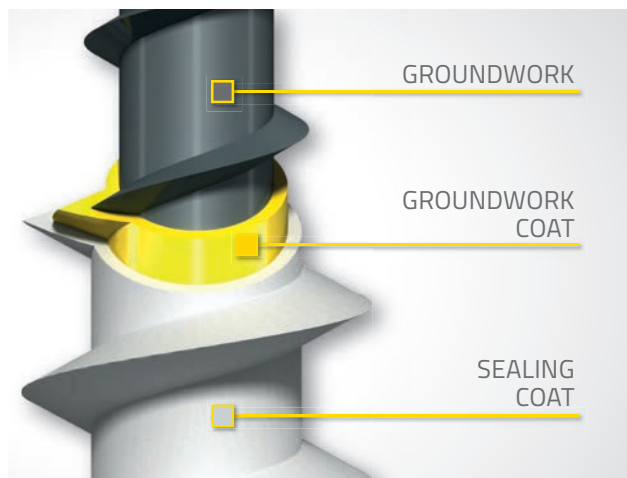
APPLICATION:

Domax GS/GT screws are **an alternative** to traditional mounting with a dowel and screw, are used to make fastenings in lightweight concrete substrates, such as **aerated concrete, expanded clay concrete, siporex**. **Fastening load-bearing structures** and covers made of metal, wood or plastic (e.g. insulation materials) **to aerated concrete.**



DIRECT SCREWING
IN MATERIAL

Flake / lamellar zinc – covering the surface with a mixture of zinc flakes, aluminium and binding and hardening components of the entire coating. This is currently **the highest level of corrosion protection**. It is characterized by corrosion **resistance in a salt chamber up to 1000 hours**. It will be used wherever the highest reliability and durability of products are required.



GS

GT

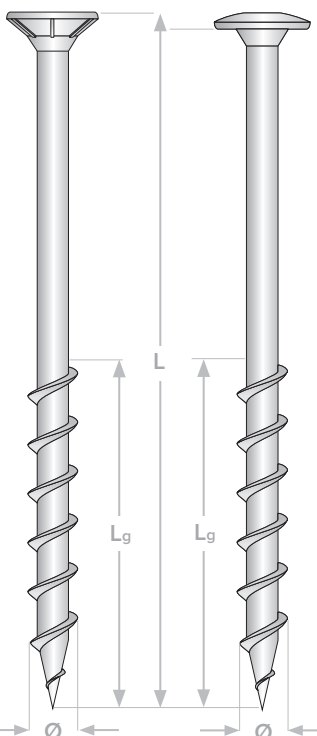
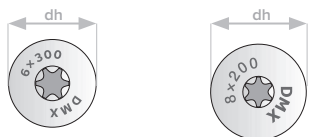
CONICAL
HEADDISK
HEADHARDENED
SCREWS FOR
AERATED
CONCRETETECHNICAL
DATA:

GS

symbol	index	L	Lg	dh	TX
GS 08065	3610806	65	60	12	30
GS 08080	3610808	80	60	12	30
GS 08100	3610810	100	90	12	30
GS 08120	3610812	120	90	12	30
GS 08140	3610814	140	90	12	30
GS 08160	3610816	160	90	12	30
GS 08180	3610818	180	90	12	30
GS 08200	3610820	200	90	12	30
GS 08220	3610822	220	90	12	30
GS 08240	3610824	240	90	12	30

GT

symbol	index	L	Lg	dh	TX
GT 08100	3620810	100	90	15	30
GT 08120	3620812	120	90	15	30
GT 08140	3620814	140	90	15	30
GT 08160	3620816	160	90	15	30
GT 08180	3620818	180	90	15	30
GT 08200	3620820	200	90	15	30
GT 08220	3620822	220	90	15	30
GT 08240	3620824	240	90	15	30
GT 10100	3621010	100	90	20	40
GT 10120	3621012	120	90	20	40
GT 10140	3621014	140	90	20	40
GT 10160	3621016	160	90	20	40
GT 10180	3621018	180	160	20	40
GT 10200	3621020	200	160	20	40
GT 10220	3621022	220	160	20	40
GT 10240	3621024	240	160	20	40

coating:
flake zinc

To avoid tightening and breaking the thread path caused by the screw, use low speed and a torque control tool. If the connection breaks, its load capacity decreases. Additional fixing should then be carried out.

PBW

HEXAGONAL
HEAD



HARDENED SCREW FOR CONCRETE

ADVANTAGES /FEATURES:

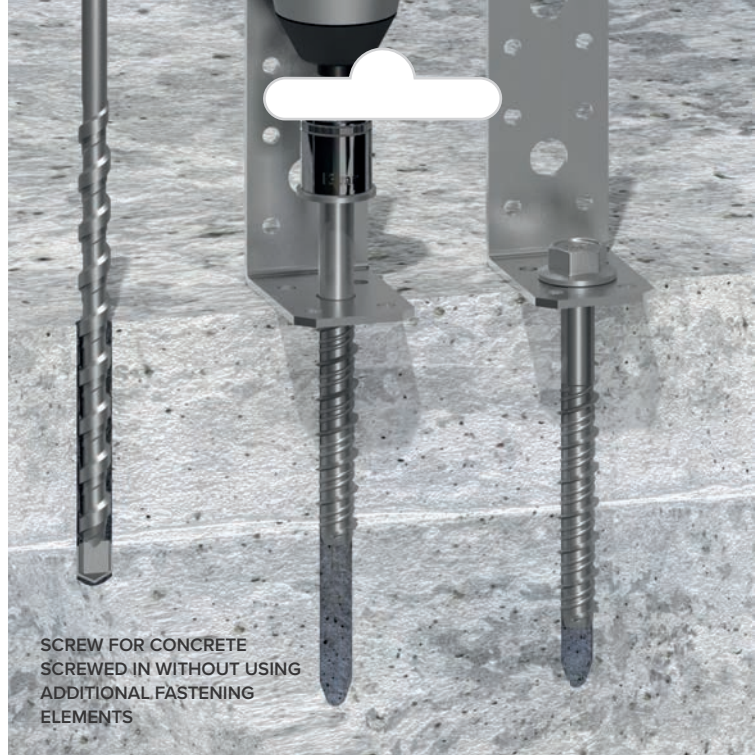
- ▶ **short assembly time** - just drill a hole and screw in the screw;
- ▶ the possibility of **complete disassembly**;
- ▶ **minimum expansion stresses** allow connections to be made at a short distance from the edge, low risk of damage to the groundwork;
- ▶ **special thread geometry** allows for reliable and quick assembly;
- ▶ ideal screw for **temporary installations** (e.g. formwork supports props, scaffoldings);
- ▶ we recommend screwing in with an **impact wrench**.



coating:
flake zinc

APPLICATION:

The screw for concrete is used for fixing and anchoring in concrete, natural stone, as well as masonry substrates. Screw installation after drilling a hole suitable for the screw diameter. The screw for concrete does not expand, which allows drilling holes for small distances between the edges, as well as small distances between the anchors. The thread of three different heights ensures a strong and secure connection.

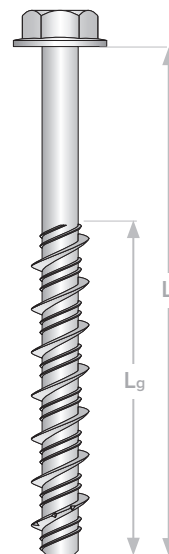
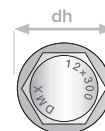


SCREW FOR CONCRETE
SCREWED IN WITHOUT USING
ADDITIONAL FASTENING
ELEMENTS

TECHNICAL DATA:

PBW

	symbol	index	L	Lg	dh
Ø 7,5	PBW 07060	3710706	60	55	14
	PBW 07080	3710708	80	55	14
	PBW 07100	3710710	100	55	14
	PBW 07120	3710712	120	55	14
Ø 10,5	PBW 10065	3711006	65	60	18
	PBW 10075	3711007	75	60	18
	PBW 10090	3711009	90	60	18
	PBW 10110	3711011	110	60	18
Ø 12,5	PBW 10130	3711013	130	60	18
	PBW 12075	3711207	75	70	22
	PBW 12085	3711208	85	70	22
	PBW 12100	3711210	100	70	22
	PBW 12120	3711212	120	70	22
	PBW 12140	3711214	140	70	22
	PBW 12160	3711216	160	70	22
	PBW 12200	3711220	200	70	22



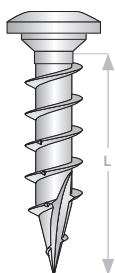
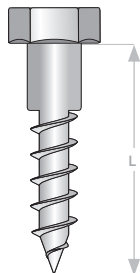
PWD

CTO

HARDENED SCREWS FOR GARDEN ARCHITECTURE

HEXAGONAL
HEAD

LENS
HEAD



coating:
silver galva-
nic zinc

coating:
flake zinc

APPLICATION:

Screws are used **for fixing wooden elements in garden architecture**. Are dedicated to the bases of the pole. They guarantee trouble-free assembly and aesthetic appearance of the connection.

TECHNICAL
DATA:

PWD

symbol	index	L	Ø
PWD 10/50	3891	50	10
PWD 10/60	3892	60	10

CTO

symbol	index	L	Ø	TX
CTO 08040	320804	40	8	40
CTO 08050	320805	50	8	40
CTO 10050	321005	50	10	40

SCREWS AND BOLTS WITH PAINTED HEAD

ZAS

ZACB

APPLICATION:

Screws are used **for fixing wooden elements in garden architecture**. Recommended for mounting **decorative hinges**. Protected with an additional anti-corrosion layer.

TECHNICAL
DATA:

ZAS

symbol	index	L	Ø
ZAS 45025	34942	25	4,5
ZAS 45035	34952	35	4,5

ZACB

symbol	index	L	Ø
ZACB 06040	34902	40	6,0
ZACB 06060	34912	60	6,0
ZACB 08040	34922	40	8,0
ZACB 08060	34932	60	8,0



powłoka
złociowa
malowane proszkowo





SCREW PROTECTIVE COATINGS DMX®



Galvanic zinc coating of screws Zinc coating, > 12 µm thick, applied in accordance with PN-EN 4042 and additional coating of screws with a seal reducing the coefficient of friction. Thanks to this combination of coatings, **we provide corrosion resistance three times higher than those typical for imported screws.** The salt chamber test proves resistance even **up to 240 hours**, where competitive screws do not exceed 72 hours.



Passivation
Yellow passivation is characterized by significant protection against corrosion, it shows **twice better resistance to external conditions** than blue (silver) passivation. Recommended for outdoor applications, exposed to atmospheric precipitation.
Blue (silver) passivation shows weaker corrosion resistance, for example, it is sensitive to perspiration corrosion when touching products. Products covered with such a coating are intended for use in dry rooms with the possibility of periodic exposure to moisture.



Flake / lamellar zinc
The Magni 565 coating consists of covering the steel surface with a **mixture of zinc and aluminium flakes**, together with binding and hardening components of the entire coating. This is currently **the highest level of corrosion protection**. It is characterized by corrosion resistance in the salt chamber (VDA235-104 / DIN EN ISO 9227) **exceeding 240 hours** to white corrosion signs, and over 1000 hours to red corrosion signs. **Magni coatings do not contain Cr** and meet the requirements of the following standards: RoHS, REACH, ELVD, GADSL i WEEE. **It is used wherever the highest level of security and durability of products are required.**

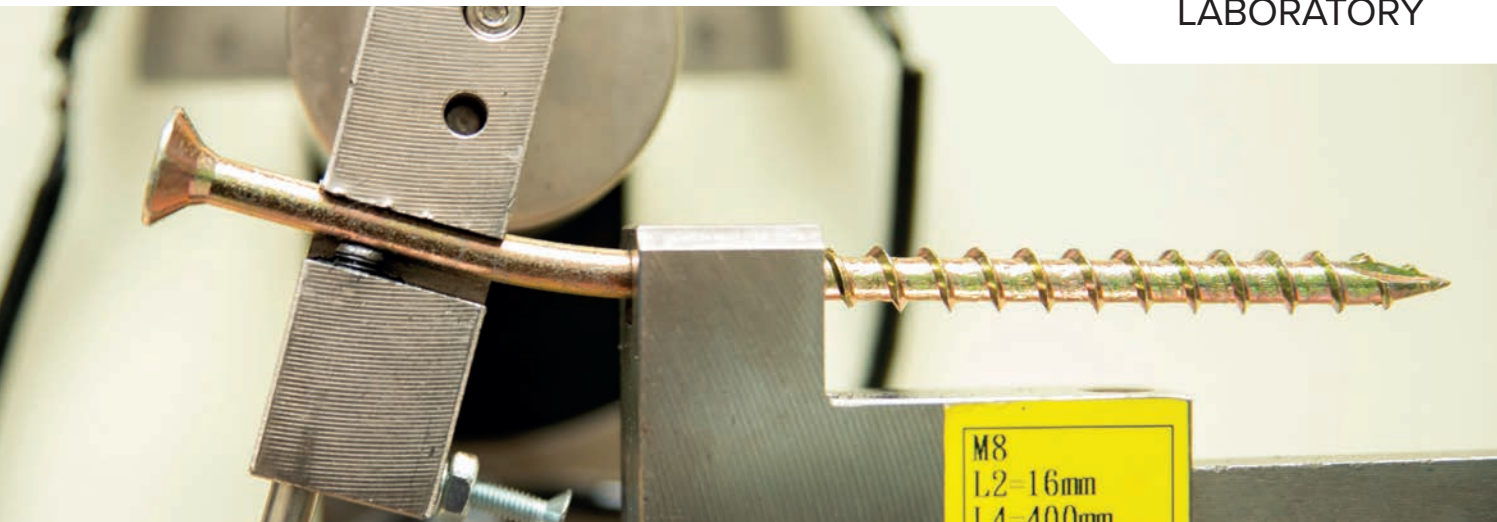


COLOUR MARKING

CS 8-80	CT 6-70	CARPENTRY SCREWS
CPW 6-100	CPS 8-300	SCREWS WITH FULL THREAD
WKW 8-300	WKT 8-300	SCREWS FOR INSULATION ON RAFTERS
GS 7,5-60	GT 7,5-60	SCREWS FOR AERATED CONCRETE
WDS 6-60		SPACER SCREWS
PBW 7,5-60		SCREW FOR CONCRETE
CTO 8-40		SCREWS FOR GARDEN ARCHITECTURE



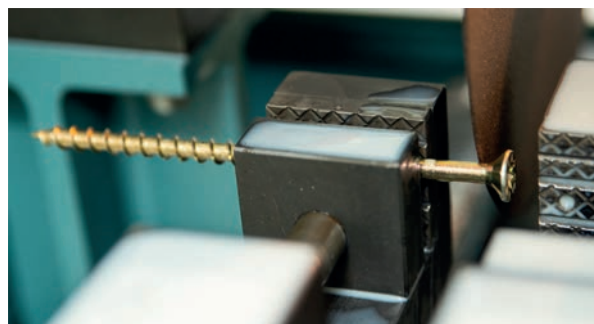
SCREW TESTING IN A CERTIFIED LABORATORY



The screws, which are manufactured by us, are subjected to regular testing and quality control. Domax, as a manufacturer of chipboard screws, utilizes its **modern laboratory** to ensure the highest quality of the product. Analyses on the properties of our connectors are conducted in several stages, and these are our specialists, who supervise integrity of the entire process.

Pin connectors must meet a number of quality requirements set for them – some of them stem from national and European standards, and some from Factory Production Control System. One of the elements is **the torque test** – it includes the torsional stiffness test of connectors.

An important point of the process is also the **connectors' yielding test** on the smooth and threaded parts. The screwing torque is tested on C24 grade, air-conditioned for adequate humidity, wood, which is mounted in the clamping jaws, after which the connector is screwed to the specified depth in order to read the torque. **Scope of hardness measurement** includes checking the hardness of the surface and the connector core at four points. The tests are carried out on samples prepared in the form of metallographic microsection after grinding. An important element is also **the determination of the tensile strength** of screws after hardening as well as **the geometry and straightness of the screws**.





domax

DOMAX Sp. z o.o.

al. Parku Krajobrazowego 109

Łężyce, 84-207 Koleczkowo, POLAND

tel. +48 58 665 82 22

handlowy@domax.com

www.domax.com