GROUND CONNECTIONS

Earth Anchors

Selection guidance, soil and installation, anchor families and complete guy connections.

From the ground to the supported structure

Choose the anchor with the soil, load direction, installation method and connection hardware. The family tables retain their published configuration-specific values.

Family	Selection
Screw / helical	Rod, hub, shaft and helix
Driven / percussion	Body, cable or rod and installation depth
Guy connections	Rods, eyes, bolts, shackles and tensioning

PRODUCT FINDER

Select the Anchor and Connection

Start with the soil and complete load path.

Product / application	Page
Soil, load path and anchor selection	3
Screw and square-shaft anchors	8
Anchor rods, eye nuts and guy adaptors	12
Pipe piles and ground screws	15
Driven/percussion anchors	18
Micropile plates and auxiliary eye	21
Guy connections, bolts and fittings	26
Landscape and erosion-control applications	23
Discuss the requirement	35

APPLICATION GUIDE

Start with the installation

A good anchor choice joins the ground conditions, the required load and a connection the crew can install and verify.

Start here	What to bring
Ground and access	Soil profile, obstructions, groundwater and available installation equipment.
Mechanical duty	Load direction and design demand; identify ultimate, test and allowable loads separately.
Anchor family	Screw, socket-drive, square-shaft, pipe pile or driven/percussion system.
Complete connection	Rod or shaft, coupling, eye, guy or support fitting, and structure attachment.
Field acceptance	Installation records and the project-defined verification method.

A practical starting point

Send a site photo, drawing or existing part number. ComponexX can help organize the candidate components and the information needed for a useful quotation.

Use the complete reference shown in each table. PN, CX and CPX references identify different configurations; the quotation establishes the final ordering identity.

GROUND CONDITIONS

Start with the soil

Look below the surface before choosing the anchor.

The bearing layer, installation depth and load direction belong in the same selection decision. The surface alone may not describe the ground that will carry the load.

Site information	What it helps define
Soil profile and layer depth	Anchor family, embedment and any extension rods.
Dense or cemented ground; rock	Driving access, tooling and the installation method.
Sand, gravel, silt or clay	The selected system's soil-capacity reference and installation requirements.
Fill, organic or very soft layers	Whether the load-bearing zone must be reached below the surface layer.
Water and corrosion exposure	Material, finish and long-term installation requirements.

Bring the ground information into the specification

Use the project soil investigation with the selected anchor system. A soil description alone is not an allowable-load rating.

THE COMPLETE LOAD PATH

What makes an anchor hold?

Soil, geometry, depth and connections work together.

Structure

Required load and direction

→

Rod + connection

Matched dimensions and component ratings

→

Anchor + soil

Bearing layer, geometry and installation

A larger helix and a stronger rod solve different parts of the problem.

The anchor engages the surrounding ground. The rod and attachment hardware transfer tension back to the supported structure. Compare the complete connection, not one component in isolation.

Reference	Use it for
Component ultimate strength	Checking the stated component; it is separate from soil holding capacity.
System holding capacity	The selected anchor, ground and installed configuration.
Allowable working load	The project design basis and the governing installed assembly.

DEPTH, TORQUE AND VERIFICATION

Read the installation as it progresses

A useful installation record follows the work.

Installation torque helps show the resistance encountered as a screw anchor advances. Keep the readings with the anchor configuration, depth and soil observations.

Record	Why it matters
Anchor and tooling	Identifies the system and the equipment limits.
Depth and ground changes	Locates the bearing layer and changes along the installation.
Torque progression	Retains the installation history rather than one isolated peak.
Setting and verification	Documents the completion procedure for the selected anchor.

Use the correlation for the selected system

Torque, pull-test force and allowable load are different quantities. Use the anchor-specific relationship and the project's installation and acceptance procedure.

APPLICATIONS

Match the anchor to the job

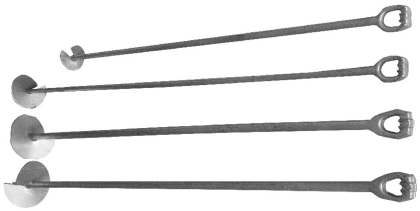
See the supported structure, the force and the site together.

Application	Start with
Telecom and utility guying	Guy direction, design tension, soil and complete connection set.
Solar and structural restraint	Uplift direction, layout, ground conditions and installation access.
Temporary and specialty works	Service load, duration, soil, removal and installation method.

PRODUCT SELECTION

No-wrench screw anchors

A rod-and-helix format for ground anchoring. Compare the actual rod, length and helix combination before selecting the connection.



Reference	Rod Ø in	Length in	Helix Ø in	Ultimate kN
PN24501	3/4	54	4	120
PN24502	3/4	66	6	120
PN24503	1	66	8	160
PN24504	1-1/4	66	8	260
PN24505	1-1/4	96	10	260
PN24506	1-1/4	96	15	260

Strength is only one part of selection

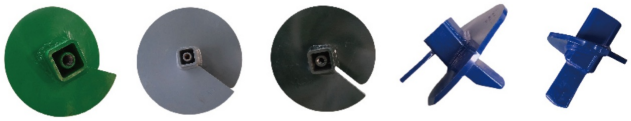
These are component ultimate strengths. Soil holding and allowable design load depend on the installed system, site conditions and verification; they are not the kN values in this table.

Include soil information, load direction, installation access and the required eye/connection form with your inquiry.

PRODUCT SELECTION

Socket-drive anchors

Choose the hub and helix option with the matching drive equipment and rod connection.



Reference	Hub in	Helix Ø options in	Torque strength ft-lb
PN241001	2-1/4	6 / 8 / 10 / 12	8000
PN241002	2-1/4	8 / 10 / 12 / 14	10000
PN241003	2-1/2	6 / 8 / 10 / 12	8000
PN241004	2-1/2	8 / 10 / 12 / 14	15000

Connection thread: 1.021-8 UNS 2B on all four references.

Keep the connection exact

The thread designation and drive interface matter as much as the nominal hub size. Include the mating rod and drive-tool details when reviewing the assembly.

Torque strength describes the component. Establish the installation limit and any torque-to-capacity relationship for the selected system and project.

PRODUCT SELECTION

Solid square-hub anchors

Two hub sizes with a defined helix and torque-strength combination for each reference.

Reference	Hub in	Helix Ø in	Torque strength ft-lb
PN24901	1-3/8	4	4000
PN24902	1-3/8	6	6000
PN24903	1-3/8	8	6000
PN24904	1-3/8	10	7000
PN24905	1-3/8	12	7000
PN24906	1-3/8	14	7000
PN24907	1-1/2	4	6000
PN24908	1-1/2	6	6000
PN24909	1-1/2	8	6000
PN24910	1-1/2	10	7000
PN24911	1-1/2	12	8000
PN24912	1-1/2	14	8000

Thread options: 3/4 in or 1 in throughout. Specify the required thread with the reference.

A larger helix does not by itself establish an allowable ground load. Review soil, installation depth and the complete connection.

PRODUCT SELECTION

Square-shaft leads & extensions

Plan the lead and extension schedule around the target depth, coupling arrangement and installation equipment.

Anchor leads - 1-1/2 in hub

Reference	Length ft	Helix sequence in	Torque strength ft-lb
PN24801	3.5	8-10	7000
PN24802	5	8-10	7000
PN24804	5	10-12	7000
PN24805	7	10-12-14	7000

Extensions - 1-1/2 in square bar

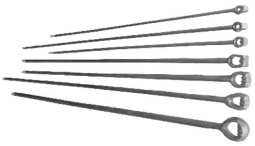
Reference	Length / ft	Torque strength ft-lb
PN24601	3.6	7000
PN24602	5	7000
PN24603	7	7000

Extensions: upset-forged adaptor coupler, high-grade bolt and nut; hot-dip galvanized to ASTM A153. Define the mating coupling and bolt details as part of the assembly. Torque strength is 7000 ft-lb for the listed leads and extensions.

PRODUCT SELECTION

Forged-eye anchor rods

Select the eye form and the actual rod diameter, not the thread designation alone.



Reference	Eye	Thread / in	Rod Ø / mm	Ultimate kN
PN24101	Thimble	5/8	14.2	60
PN24102	Thimble	5/8	15.8	71
PN24103	Thimble	3/4	17.2	100
PN24104	Thimble	3/4	19	120
PN24105	Thimble	1	23.2	160
PN24106	Thimble	1	25	170
PN24201	Twin	5/8	14.2	60
PN24202	Twin	5/8	15.8	71
PN24203	Twin	3/4	17.2	100
PN24204	Twin	3/4	19	120
PN24205	Twin	1	23.2	160
PN24206	Twin	1	25	170
PN24301	Triple	1	23.2	160
PN24302	Triple	1	25	170
PN24303	Triple	1-1/4	32	256
PN24401	Quad	1-1/4	32	310

Lengths: 6 / 7 / 8 / 9 / 10 ft. C1045 or ASTM A36; hot-dip galvanized to ASTM A123. Heavy or light square nut.

Ultimate values are component strengths, not soil holding or allowable working loads.

PRODUCT SELECTION

Screw-anchor rods & eye nuts

Coordinate the rod thread, eye configuration and anchor connection as one assembly.

Reference	Thread in	Rod Ø mm	Length	Ultimate kN
PN241101	5/8	16	1500 mm	70
PN241102	3/4	19	3.5 ft	120
PN241103	1	24	3.5 / 7 ft	240

Forged-nut screw-anchor rods: hot-dip galvanized to ASTM A153. Lengths retain their specified units.

Eye nuts - thimble, twin and triple configurations; thread choices 5/8 in, 3/4 in and 1 in. Material: C1045 or ASTM A36. Hot-dip galvanized to ASTM A123.

Specify the complete load path

Eye-nut load performance is selected to requirement. Match thread, engagement and eye clearance, then establish the required rating for the assembled connection.

PRODUCT SELECTION

Guy adaptors

Connect the anchor shaft to the guy arrangement with the required profile and coupling geometry.

Reference	Profile	Size in	Length in
PN24701	Square	1-1/2	18
PN24702	Round	1-1/4	18.5

High-grade bolt and nut; hot-dip galvanized to ASTM A153.

A connection review that prevents rework

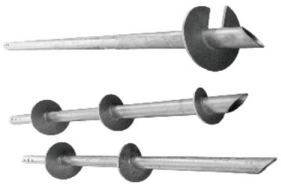
Send the mating shaft dimensions, coupling opening, bolt details, guy-eye clearance and required assembly load. A nominal bar size alone does not establish compatibility or allowable load.

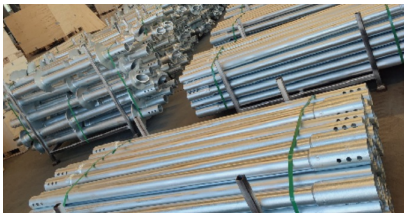
ComponexX can help bring the adaptor, fasteners and mating hardware into the same drawing and supply schedule.

PRODUCT SELECTION

Helical pipe piles

Compare shaft wall thickness, length and helix arrangement for the foundation requirement.





Reference	Pipe shaft in	Length ft	Helix Ø in	Torque strength ft-lb
PN241201	2 x 0.2	4 / 5 / 7 / 10	4-6-8	3000
PN241202	2-7/8 x 0.203	7 / 8 / 10	8-10; 10-12; 8-10-12	5500
PN241203	2-7/8 x 0.217	7 / 8 / 10	8-10-12	7500
PN241204	2-7/8 x 0.275	7 / 8 / 10	Not stated	9000
PN241205	3 x 0.2	7 / 8 / 10	8-10-12	11000
PN241206	3-1/2 x 0.3	7 / 8 / 10	12; 14; 10-12-14	17000
PN241207	4-1/2 x 0.337	7 / 8 / 10	12; 14; 10-12-14	24000
PN241208	9-5/8 x 0.435	30	36	Not stated

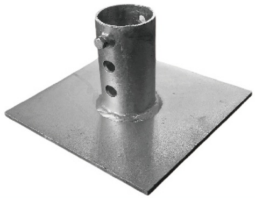
Material references: PN241201: Q355. Other listed piles: API 5CT/ASTM A519 N80. Hyphens join helices in a sequence; semicolons separate alternative arrangements.

Specify the selected material requirement, pile geometry, coupling and foundation design load together. The missing PN241204 helix and PN241208 torque value require configuration-specific confirmation.

PRODUCT SELECTION

Pile extensions & caps

Carry the pile selection through to the coupling and the structure interface.



Pipe extensions - lengths 7 / 8 / 10 ft; material reference API 5CT/ASTM A519 N80.

Reference	Pipe shaft / in	Torque strength ft-lb
PN241301	2-7/8 x 0.203	5500
PN241302	2-7/8 x 0.217	7500
PN241303	2-7/8 x 0.275	9000
PN241304	3 x 0.2	11000
PN241305	3-1/2 x 0.3	17000
PN241306	4-1/2 x 0.337	24000

Helical pile caps

Reference	Plate in	Thickness mm	Length in	Pipe size in
PN241401	12 x 12	9	7	5.5
PN241402	10 x 10	9	7	4.5

Cap dimensions do not establish fit with every pile above. Match the cap sleeve, pile end, fasteners and load-transfer detail to the selected assembly drawing.

PRODUCT SELECTION

Ground screws

A separate family of ground-support formats for project-specific structures and mounting arrangements.

Format	Size / in	Length / in
Pointed anchor	3.5	64
Extension	3.5	45
Helical extension	3.5	45
Common ground screw	3	40
Adjustable ground screw	3	70

Material: Q235 carbon steel.

Start with the structure interface

Provide the bracket or base detail, load direction, site conditions and installation method. The pointed, helical, common and adjustable forms are distinct selections; dimensions alone are not foundation ratings.

PERCUSSION ANCHOR INSTALLATION

Drive. Set. Verify.

The anchor rotates into its working position when tensioned.

1 Fit the drive steel

2 Drive to depth

3 Remove the tool

4 Apply tension

5 Set the anchor

6 Verify the load

Why the setting step matters

The driven body must be set into its load-bearing position. Installation is followed by the setting and verification procedure for the selected anchor.

GROUND ANCHORING

Percussion-Driven Anchors

Driven bodies with a connected cable or rod/yoke assembly. Select bearing area and hardware with the soil and load direction.

CX 16K–50 kN

CX 21K–100 kN

CX 30K–200 kN

CX 50K–200 kN

CX 95K–200 kN

CX 235K–200 kN

Reference	Weight kg	Bearing area mm²	Ultimate kN	Cable / yoke
CX 16K–50 kN	2.34	16,077	50	8 mm
CX 21K–100 kN	2.66	21,321	100	M16 / M20
CX 30K–200 kN	4.75	31,005	200	M20 / M24
CX 50K–200 kN	5.6	50,425	200	M20 / M24
CX 95K–200 kN	10.08	95,223	200	M20 / M24
CX 235K–200 kN	31	235,803	200	M24

CX 16K dimensional reference: 300 × 80 × 60 mm. Confirm the dimensioned drawing for the other bodies and the complete connection hardware.

GROUND ANCHORING

Driven-Anchor Connections

Wire-rope, rod and plate options complete the load path from the anchor body to the supported assembly.

Wire-rope assemblies

Rod and plate hardware

Compact driven body

Connection option	Published range
Wire diameter / material	3 / 4 / 6 / 8 mm; SS304 / hot-dip galvanized steel
Rod sizes	M10 / M16 / M20 / M24 / 1 in
Rod arrangement	Hot-dip galvanized steel; forged or loose nut; swivel-eye options
Anchor plates	150 × 150 × 8 mm / 150 × 150 × 10 mm
Galvanized hex couplers	M10 / M12

Compact driven-anchor reference

Attribute	Reference
Body size	126.2 × 31.0 × 41.7 mm
Ultimate strength / bearing area	1,650 lb (7.3 kN) / 5.07 in² (32.7 cm²)
Material / cable	Carbon steel or aluminum; 1/8–3/16 in (3.2–4.8 mm) cable

GROUND ANCHORING

Micropile Foundation Plates

Hot-dip galvanized steel footings for a project-defined micropile and supported structure.

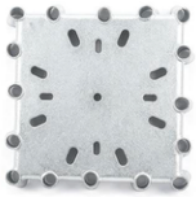
AN250 4P

AN250 4P with bracket

AN250 with pipe

AN250 8P

AN400 12P



AN600 16P

Format	Plate mm	Hole / center reference	Published capacity up to kN
AN250 4P	250 × 250 × 6	140 mm; 4 × Ø22 mm	75
AN250 4P with bracket	250 × 250 × 6	230 mm; Ø22 mm	75
AN250 with pipe	250 × 250 × 6	Pipe arrangement by drawing	75
AN250 8P	250 × 250 × 6	140 mm: 4 × Ø22 mm; 120 mm: 4 × Ø18 mm	100
AN400 12P	400 × 400 × 10	PCD 198–250: 4 × Ø22 mm; PCD 300–350: 4 × Ø26 mm	200
AN600 16P	600 × 600 × 10	PCD 350–400: 4 × Ø26 mm; PCD 432–500: 4 × Ø32 mm	300

PCD denotes the bolt-circle pattern. Confirm the complete drawing, pile dimensions, number of holes and load direction. The published capacity references do not define allowable axial, lateral or uplift performance at a site.

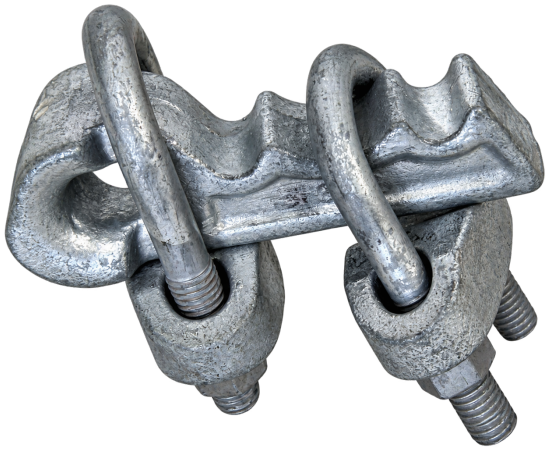
Define the foundation interface

Send the supported equipment or structure, bolt pattern, foundation loads, geotechnical information and corrosion requirements. We can help identify the configuration to submit for engineering approval.

FEATURED CONFIGURATION / CPX-ARE

Anchor-Rod Auxiliary Eye

An additional guy attachment point for an existing anchor rod. The two-clamp arrangement is selected against the actual rod and assembly geometry.



CPX-ARE	Configuration reference
Assembly	Integral eye, two U-bolt clamps and four hex nuts
Body and saddles	QT450
U-bolts and nuts	Q235
Finish	Galvanized
Overall length	Approximately 130 mm (5.1 in)
U-bolt center spacing	49 ±1.3 mm
Weight	1.55 kg

Dimensions are after galvanizing. Confirm rod diameter, clamp fit and the required load/test criteria before specifying the final assembly. No interchangeable-fit or working-load claim is established here.

ADDITIONAL GROUND-SUPPORT SYSTEMS

Root-Ball Anchoring Kits

Additional ground-support formats for landscaping and site work. These configurations are separate from pole-guy and cable-support hardware.

Kit	Wire diameter	Wire length	Area per anchor mm²	Published ultimate kN
RBK40	3 mm	1.5 m	1,521	3.5
RBK68	4 mm	1.5 m	3,204	8
RBK88	5 mm	1.5 m	5,942	30
RBK15–60	8 mm	1.5 m	16,077	50

Kits include three anchors, wire connections and a ratchet-strap arrangement with D-ring connections. Confirm strap size, assembly strength basis and the root-ball/tree application before selection.

Other site-work requirements

Tree-support and deadman arrangements are available as separate kit formats. Supply soil conditions, the supported geometry and the required installation method to define the appropriate assembly.

ADDITIONAL GROUND-SUPPORT SYSTEMS

Tree-Support and Deadman Kits

Cable, protector and tensioning arrangements for project-specific landscape support.

Anchored tree support

Deadman sling arrangement

Tree kit	Wire diameter / length	Clips	Area per anchor mm²	Ultimate kN
DTS40	3 mm / 3.6 m	3	1,521	3.5
DTS68	4 mm / 3.8 m	6	3,204	8
DTS88	5 mm / 4.5 m	6	5,942	30

Each DTS kit includes three anchor assemblies and three protective collar tubes.

Deadman kit	Galvanized wire reference	Common kit contents
DMK5	5 mm / 4 m	3 wire slings; 1 ratchet tensioner; 3 root-ball protectors
DMK10	6 mm / 5 m	3 wire slings; 1 ratchet tensioner; 3 root-ball protectors
DMK20	8 mm / 8 m	3 wire slings; 1 ratchet tensioner; 3 root-ball protectors

ADDITIONAL GROUND-SUPPORT SYSTEMS

Erosion-Control Anchor Assemblies

Anchor-and-plate formats for landscape fabric, blankets, liners and related ground-retention applications. Final design depends on the site and supported material.

EC–110 assembly format

Ground-retention arrangement

Format	Configuration reference
EC–110	One anchor; 3 mm wire; self-locking anchor plate. Define wire length, plate and load criteria with the approved drawing.
TD150	Three anchor assemblies; anchor length 160.58 mm and width 41.07 mm; 3 mm wire × 54 in (1,371.6 mm); nylon plate and self-locking quick vise.
TD150 anchor reference	Ultimate strength 30 kN per anchor; bearing area 5,942 mm². Confirm the complete assembly and plate geometry.

CONNECTION GUIDE

Build the complete guy connection

Make the interfaces visible before ordering individual parts.

Assembly area	Candidate components	Selection check
Pole or structure	Eye bolt, hook, bracket or other attachment	Structure thickness, load direction and bearing detail.
Guy adjustment	Turnbuckle and selected end fittings	Take-up, end form, rating and locking arrangement.
Rope termination	Clip or swaged sleeve system	Rope construction, size and installation procedure.
Ground connection	Eye, rod, adaptor and selected anchor	Mating dimensions and the complete verified load path.

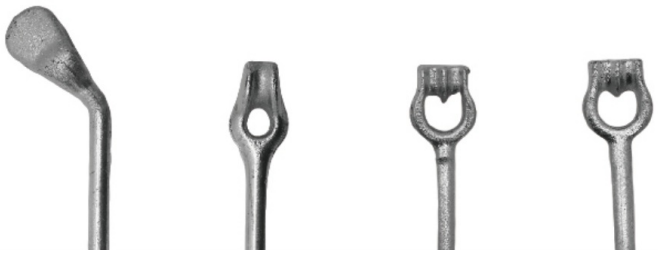
One assembly schedule, easier repeat orders

List the exact reference, drawing revision, required load, finish, fasteners and quantity for each position. Add kit labels and packing units once the combination is defined.

PRODUCT SELECTION

Thimble-eye bolts

Straight and angled forms with different rod diameters and ultimate strengths.



Reference	Form	Thread in	Rod Ø mm	Ultimate kN
PN241501	Straight	5/8	14.2	60
PN241502	Straight	5/8	15.8	70
PN241503	Straight	3/4	17.2	105
PN241504	Straight	3/4	18.9	120
PN241505	Angled	5/8	14.2	60
PN241506	Angled	5/8	15.8	70
PN241507	Angled	3/4	17.2	105
PN241508	Angled	3/4	18.9	120

Length options: 6 / 8 / 10 / 12 / 14 in for each reference.

Match the structure and the eye

Include structure thickness, mounting angle, washers/nuts, eye clearance and load direction. Ultimate strength is not the allowable load for the complete pole attachment.

PRODUCT SELECTION

Oval-eye bolts

Choose the thread and length combination, then define the complete mounting detail.

5/8 in thread 60 kN ultimate	Length in	3/4 in thread 105 kN ultimate	Length in
PN241601	6	PN241610	6
PN241602	8	PN241611	8
PN241603	10	PN241612	10
PN241604	12	PN241613	12
PN241605	14	PN241614	14
PN241606	16	PN241615	16
PN241607	18	PN241616	18
PN241608	20	PN241617	20
PN241609	26	PN241618	26

The length is only part of the fit

Send the structure thickness and required engagement, together with the eye opening and connected hardware. Keep component ultimate strength separate from the assembly working-load requirement.

PRODUCT SELECTION

Drop-forged shackles

US-type shackle references with published working-load limits and piece weights.

Reference	Size reference	WLL / t	Weight / kg each
PN241701	3/16	0.33	0.03
PN241702	1/4	0.5	0.05
PN241703	5/16	0.75	0.09
PN241704	3/8	1	0.14
PN241705	7/16	1.5	0.17
PN241706	1/2	2	0.33
PN241707	5/8	3.25	0.62
PN241708	3/4	4.75	1.07
PN241709	7/8	6.5	1.64
PN241710	1	8.5	2.28
PN241711	1-1/8	9.5	3.36
PN241712	1-1/4	12	4.31
PN241713	1-3/8	13.5	6.14
PN241714	1-1/2	17	7.8
PN241715	1-3/4	25	12.6
PN241716	2	35	20.41
PN241717	2-1/2	55	38.9

Select the pin, opening and body geometry from the controlled drawing. The tabulated WLL does not establish the rating of the full guy assembly or authorize every loading orientation.

PRODUCT SELECTION

Drop-forged turnbuckles

Match the adjustment travel and end form to the guy connection.

Reference	Ø x take-up / in	Reference	Ø x take-up / in
PN241801	1/4 x 4	PN241811	3/4 x 9
PN241802	5/16 x 4-1/2	PN241812	3/4 x 12
PN241803	3/8 x 6	PN241813	3/4 x 18
PN241804	1/2 x 6	PN241814	7/8 x 6
PN241805	1/2 x 9	PN241815	7/8 x 12
PN241806	1/2 x 12	PN241816	7/8 x 18
PN241807	5/8 x 6	PN241817	1 x 6
PN241808	5/8 x 9	PN241818	1 x 12
PN241809	5/8 x 12	PN241819	1 x 18
PN241810	3/4 x 6	PN241820	1 x 24

End/form choices: eyes/hooks, jaw/eye, jaw/jaw, stub end and body only.

Order by the complete end configuration

Define the required working load, end fittings and adjustment range together. A quotation should state the load unit and the rating for the selected end combination.

PRODUCT SELECTION

Wire-rope clips

US-type cast and forged formats. Retain the exact reference when reviewing size and construction.

Reference	Size in	kg / 100	Reference	Size in	kg / 100
PN241902	1/8	3	PNW11	7/8	93
PN241903	3/16	5	PNW12	1	110
PN241904	1/4	8.5	PNW13	1-1/8	120
PN241905	5/16	13	PNW14	1-1/4	170
PN241906	3/8	20	PNW15	1-3/8	200
PN241907	7/16	32	PNW16	1-1/2	220
PN241908	1/2	32	PNW17	1-5/8	330
PN241909	9/16	44	PNW18	1-3/4	420
PN241910	5/8	44	PNW19	2	610
PN241911	3/4	63	PNW20	2-1/4	660

The termination needs its own specification

Select the construction for the application and rope. Define the installation procedure, number and spacing of clips, tightening requirements and any required retightening with the selected product instructions.

PRODUCT SELECTION

Aluminium swaging sleeves

Select the sleeve with the rope construction and the matching die and pressing procedure.

Rope Ø / mm	kg / 1000	Rope Ø / mm	kg / 1000
1	0.1	8	13.7
1.5	0.21	9	19.8
2.5	0.5	11	35.8
3	0.84	12	45.8
4	1.81	14	73.5
4.5	2.61	16	111
6	5.86	20	217
6.5	7.55	22	292

Material: aluminium; natural finish. Standard reference: EN 13411-3 (formerly DIN 3093A).

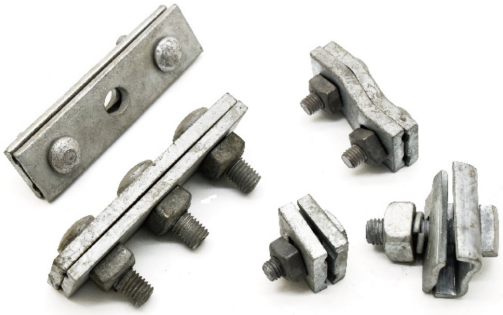
Additional sleeve references: M1.2, M1.5, M2, M2.5, M3, M4, M5, M6, M8, M10, M12, M16, M18, M20 and M25. These are reference codes, not an automatic rope-diameter assignment.

A useful inquiry includes rope construction and diameter, the required termination performance, sleeve drawing and available swaging equipment.

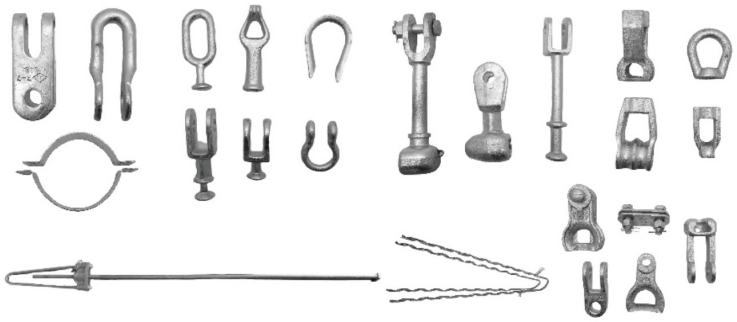
PRODUCT SELECTION

Guy clamps & forged fittings

Complete the mechanical connection with the required groove, opening and fastener arrangement.



Guy clamps - one-, two- and three-bolt configurations; single or parallel grooves. Hot-dip galvanized to ASTM A123.



Forged power-line hardware - connection fittings configured by size and load requirement, including OEM programs. Hot-dip galvanized to ASTM A123.

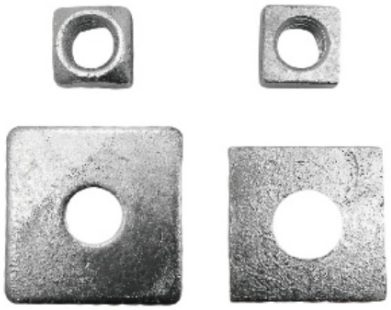
Begin with the mating parts

Share the strand or rod size, mating openings, fasteners, load direction and required finish. ComponexX can coordinate a defined drawing and repeat-supply configuration.

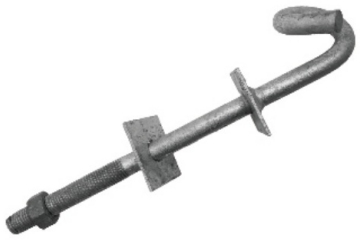
PRODUCT SELECTION

Poleline fasteners & hooks

Bring mounting hardware into the same specification as the anchor and cable support.



Fastener formats - square nuts, square washers, square-head bolts and double-arming bolts. Hot-dip galvanized to ASTM A123.



Hook bolts - size and load requirement configured for the application, including OEM requirements. Hot-dip galvanized to ASTM A123.

Specify the delivered set

List thread, length, nut and washer quantities, coating requirement and mating dimensions. Add labels, pack quantities and kit contents for recurring field supply.

PERSONAL PRODUCT SUPPORT

Turn the requirement into a supply plan

Start with what you have. A drawing, a photograph or a current part number can begin the conversation.

Tell us about	Useful details
Application	Site, structure, soil or cable information and the problem you need to solve.
Selected configuration	Complete reference, dimensions, eye/end form and mating hardware.
Performance	Required load type and unit, design basis, finish and acceptance requirements.
Field assembly	Installation tools, included fasteners, kit contents and instructions.
Supply program	Quantities, samples, labeling, packaging and delivery schedule.

Knowledgeable sourcing, personal service

ComponexX can help refine the product configuration, coordinate drawings and samples, and organize the labeling and packing for repeat orders.

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