

STAY TIGHT

END ASSEMBLIES & POSTS

FARM FENCES. SORTED.



AUSTRALIAN FAMILY OWNED

100% Australian owned and operated by a family just like yours. We are committed to supporting the vibrant, hardworking people who make rural Australia thrive, and truly understanding the needs and challenges of fencing in these areas.



EXPERT FENCING SUPPORT

We're here with a smile and the expertise to guide you every step of the way. Our sales and support team aren't just knowledgeable; they're passionate about helping you find the perfect solutions for any fencing challenge. Whether it's a question about installation, advice on maintenance, or any other inquiry, we're all ears and always here to help.



100% PRODUCT GUARANTEE

We're more than just about selling gate hardware; we're about making sure customers are absolutely satisfied with every purchase. If for any reason you're not entirely pleased with a purchase—whether it's a matter of performance, quality, or simply not meeting the specific needs, we're committed to making it right.



STOCKISTS COUNTRY WIDE

Our products are accessible from almost any local rural store across Australia. With over 800 stockists nationwide, we've made it easy for you to find Rotech. Or if you want a quote first, we have a simple online quoting system where you can get an instant quote from your preferred stockist.



WE LISTEN TO YOUR FEEDBACK

We work closely with Australian farmers to constantly adapt and improve our innovations to better suit farmers needs. We are committed to making ourselves accessible to you and are always looking for ways to connect and hear feedback.

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CHOOSING THE RIGHT

STAY TIGHT® END ASSEMBLY

THE RANGE



DRIVE TIGHT®

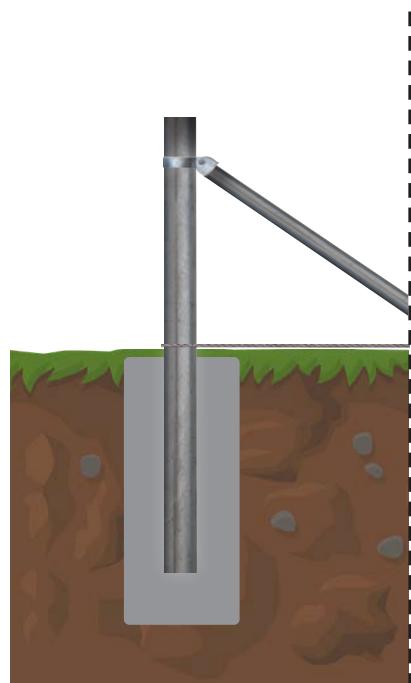
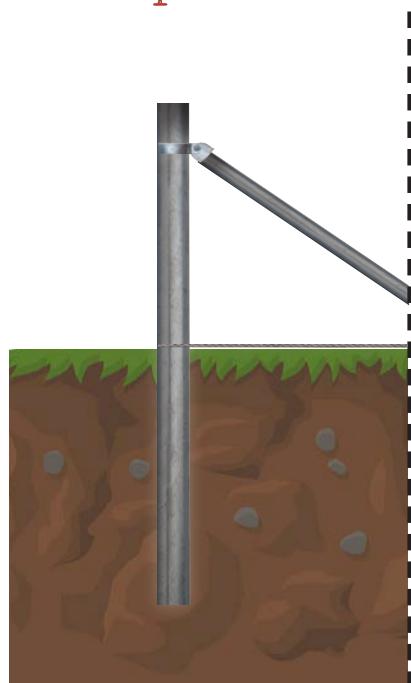
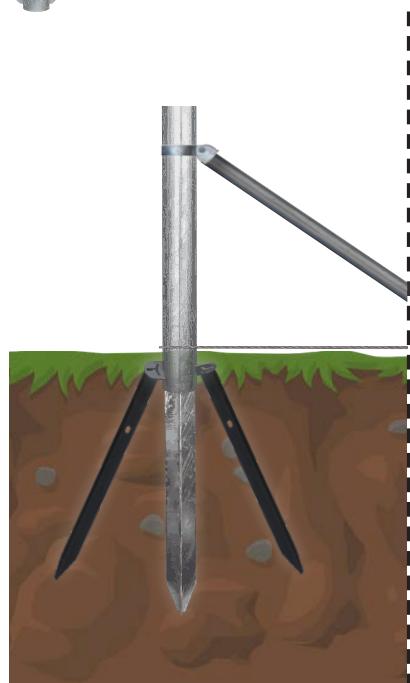
HAND-DRIVEABLE



MACHINE
DRIVEABLE



CONCRETE-IN



When finding the **STAYTIGHT End Assembly** that will work best for you, it is important you consider each of the following factors.

TIME - How much is your time worth? How quickly do you need the project completed?

MATERIALS, EQUIPMENT, SPECIALISED SKILLS - Do you have all the materials and equipment needed? What skilled labour do you have access to?

SITE ACCESS - How accessible is the site? Can you get your machinery there? Consider also the travel required to get to the project location.

COST - The product cost is only one part of the total cost. How much will labour, equipment, and other materials required to complete the project, cost?

We have created a product selection guide to help you find the right **End Assembly** solution for your needs. Using the **LOW-TO-HIGH** matrix, you can compare how each factor ranks across the available options.

LOWEST



HIGHEST

TIME

DriveTight posts can be installed in under 5 minutes, and then the post is immediately ready to strain a fence.

MATERIALS, EQUIPMENT, SPECIALISED SKILLS

A DriveTight Post only requires a hand driver to install and the DriveTight lugs are highly recommended, which require 2x short star pickets.

SITE ACCESS

You only need to be able to carry a 20kg post and a handheld driver to the site. Best choice for poor site access.

END ASSEMBLY COST

This end assembly has the highest material cost but is often the most cost effective as it requires the least time, labour, and equipment of any option.

MACHINE-DRIVEABLE



TIME

The post is installed with a pneumatic driver in around 10mins, then the post is immediately ready to strain a fence

MATERIALS, EQUIPMENT, SPECIALISED SKILLS

A pneumatic post driver large enough to drive an 80NB or 100NB Post 1200mm into the ground. Most handheld drivers are not powerful enough to do this.

SITE ACCESS

Your site will need to be accessible with machinery and a driver. If travel is required, consider the transportation of equipment.

END ASSEMBLY COST

This assembly is in the middle of our price range however if you don't own the required equipment the cost of hire must be considered.

CONCRETE-IN



TIME

The concrete needs to be set overnight before a fence line can be strained. Therefore 2 site visits minimum will be required.

MATERIALS, EQUIPMENT, SPECIALISED SKILLS

Digging Tools / Machinery, Concrete Mixer and Concrete.

SITE ACCESS

Must be an accessible area as equipment will be required onsite for digging the post holes and concreting.

END ASSEMBLY COST

This assembly is the lowest costing in our range, however, it takes the most time and labour which will affect the overall cost significantly.

THE ONLY END ASSEMBLY KITS TO INCLUDE...

STAINLESS STEEL EYEBOLT!

AUSTRALIA'S MOST **CORROSION RESISTANT** ASSEMBLY



WITHSTANDS
SALT AIR



HIGH FIRE
RESISTANCE



SUPERIOR
QUALITY



UPGRADE YOUR NEXT END ASSEMBLY FOR LESS THAN \$5.

Look for the Stainless Steel option in-store or when you request a quote for your next project.

FIRE RESISTANT

Timber end assemblies and strainer posts are likely to be damaged beyond repair or burnt-out entirely in serious bushfire events. However, unlike a timber post, our galvanised steel posts are proven to withstand 30 minutes of fire exposure, which is enough for a quick moving grass fire to pass over. Also, our steel foot plates will not burn in a fire as plastic would.

Rotech's steel assemblies will survive most quick moving grass fires and minor damage can be restored with gal primers.

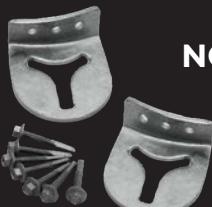
Rotech's 100% steel assemblies are the most fire resistant solution!



THE ONLY END ASSEMBLY KITS TO INCLUDE...

LOK DOWN

— LUGS —



NOW INCLUDED IN ALL STEEL POST KITS & AVAILABLE SEPARATELY

- 2 X LOKDOWN LUGS
- 7 X TEK SCREWS

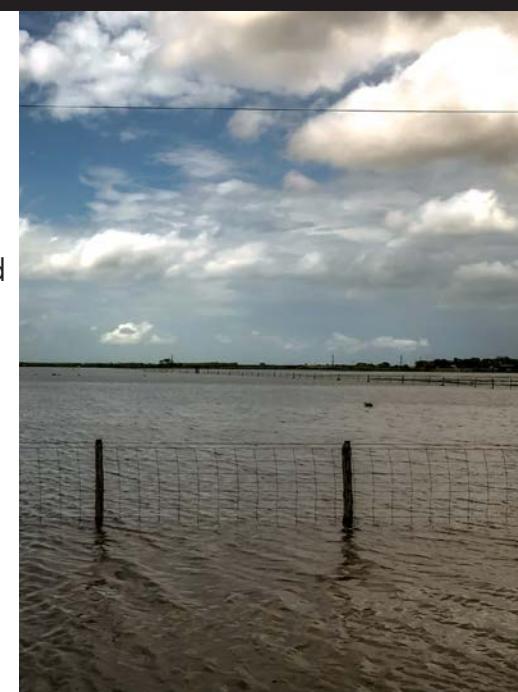
*PER ASSEMBLY KIT (5 KITS PER TUB)

FLOOD RESISTANT

The force of flowing water dislodges soil and can greatly reduce stability causing fence failure. When the soil becomes saturated, the strainer post can float to the surface. However the greater the anchorage and stability a post has, the less chance it will push up.

The LokDown lugs and the DRIVETIGHT Lugs give the post 8x more ground anchorage. This means the Rotech assemblies have significantly more support in the soil and increased resistance. Allowing them to withstand much more water.

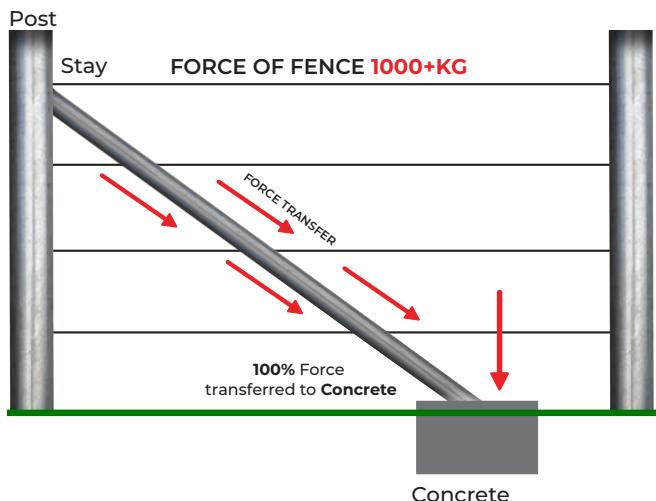
Rotech's anchorage system makes these assemblies the most flood resistant solution!



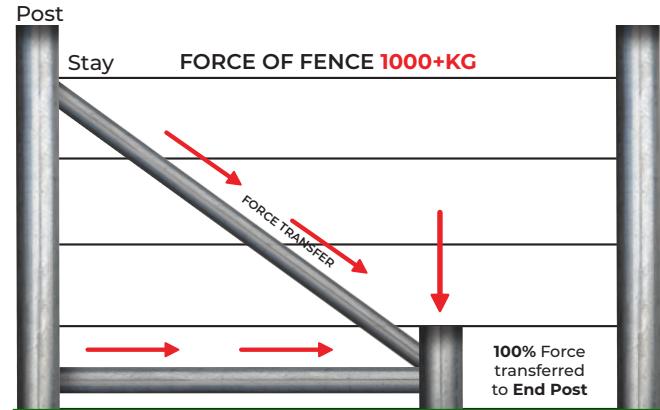
ROTECH'S FLOATING FOOTPLATE

Rotech Rural's floating footplate and tension cable design is what makes STAYTIGHT Australia's strongest End Assembly. The floating footplate and tension cable, ensure's the weight is transferred to the strainer post (see diagrams), reducing the chances of the post lifting or the footplate sinking leads to a more reliable and durable fence.

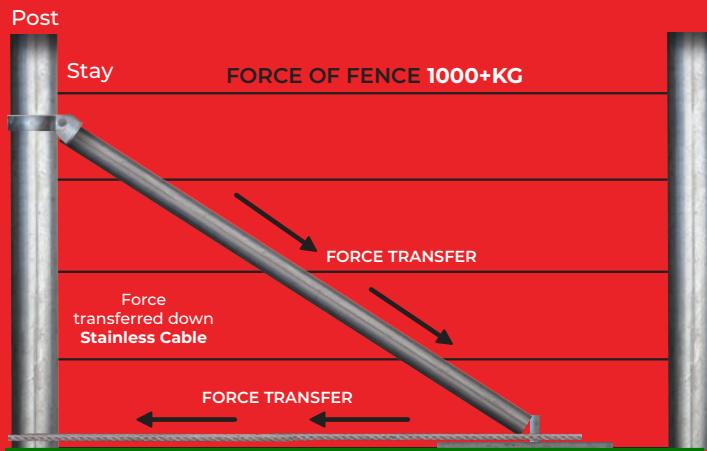
CONCRETE END ASSEMBLY



WELDED END ASSEMBLY



STAYTIGHT END ASSEMBLY



EVERY 1KG IN CABLE IS 1KG LESS ON FOOTPLATE

OUR STEEL FLOATING FOOTPLATE WORKS TO TRANSFER THE FORCE TO THE STRAINER POST.

This is important because of changing soil conditions. e.g. a fixed base can sink if the soil becomes too wet. The floating footplate is less likely to sink because up to 2/3 of the weight is transferred to the strainer post.

The STAYTIGHT Assembly can also be adjusted, if the post moves over time. This adjustment allows you to maintain your end assemblies despite changing soil conditions.

QUICK & EASY INSTALL

CABLE LOOP

Our Tension cable loop, makes for an easier install and a longer-lasting assembly. Just slip the cable over the post, no drilling thus more post life!

Our Tension cable is suitable for rocky and uneven ground. It does not have to remain parallel like a rigid rod but can ride over a rocky surface.



TWIST TIGHT® POST & STAY CONNECTOR

ADAPT-A FIT Patented Technology. Our tongues can conform to fit your extra light, standard or medium wall stay. The “twist” ensures a stronger and more secure hold against the inside of the stay.

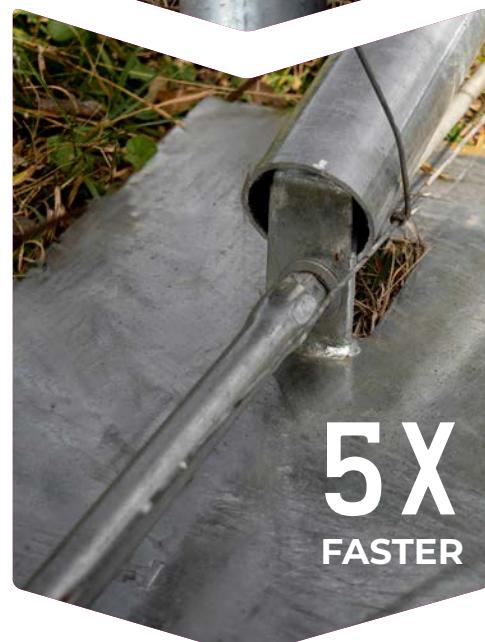
The tongues are available for both steel and timber posts. The steel post clamps can be fitted anywhere on the post and at any angle.



STAYTIGHT TUBE SPANNER

We have designed a tube spanner specifically to tighten our tension cable and connector clamp. It allows you to tighten the nuts and complete your tension assembly in seconds!

The tension cable is adjustable, so if it loosens overtime, just use the tube spanner to tighten it.



STS | LENGTH - 410mm | NUT - 19mm (M12) | DRIVE - 1/2"



5X
FASTER

DRIVE-TIGHT END ASSEMBLY KITS

DRIVE-TIGHT® (HAND-DRIVEABLE) END ASSEMBLY KITS



HAND
DRIVEABLE



DRIVE-TIGHT® (HAND-DRIVEABLE) END ASSEMBLY KIT

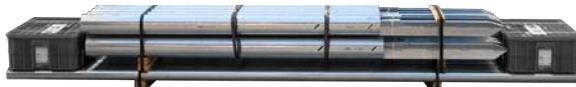
RSATDT | STAYØ - 40NB

RSATHDDT | STAYØ - 50NB

POST Ø - 100NB | POST LENGTH - 2100mm | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, **Anchor Lugs**, Post & Stay Connector, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm



SUPERIOR
QUALITY

DRIVE-TIGHT® (HAND-DRIVEABLE) END ASSEMBLY KIT - STAINLESS STEEL EYEBOLT

RSATDTSS | STAYØ - 40NB

RSATHDDTSS | STAYØ - 50NB

POSTØ - 100NB | POST LENGTH - 2100mm | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, **Anchor Lugs**, Post & Stay Connector, Tension Cable (STAINLESS STEEL EYEBOLT) & Footplate.

FENCE HEIGHT - 1200mm

“
Never going to dig a hole again. Rotech DriveTight end assemblies were up in no time. Gate post never moved an inch after fence wires were strained up, love the posts! ”

SANDRA BEARD, INGLEWOOD, QLD



DRIVE-TIGHT END ASSEMBLY KITS - EXCLUSION

STAYTIGHT

DRIVE-TIGHT® (HAND-DRIVEABLE) EXCLUSION END ASSEMBLY KITS

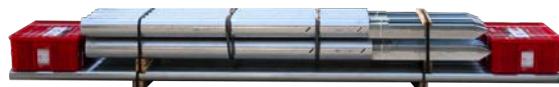


2 LUG-SLOT POSITIONS

INSTALL YOUR LUGS FOR A POST HEIGHT OF 1200mm OR 1500mm



HAND
DRIVEABLE



DRIVE-TIGHT® (HAND-DRIVEABLE) EXCLUSION END ASSEMBLY KIT

RSATHDDT2400

POSTØ - 100NB | POST LENGTH - 2400mm | STAYØ - 50NB |STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, **Anchor Lugs**, Post & Stay Connector, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm-1500mm



SUPERIOR
QUALITY

DRIVE-TIGHT® (HAND-DRIVEABLE) EXCLUSION END ASSEMBLY KIT - STAINLESS STEEL EYEBOLT

RSATHDDT2400SS

POSTØ - 100NB | POST LENGTH - 2400mm | STAYØ - 50NB |STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, **Anchor Lugs**, Post & Stay Connector, Tension Cable (STAINLESS STEEL EYEBOLT) & Footplate.

FENCE HEIGHT - 1200mm-1500mm

Need a higher fence to keep out dogs, kangaroos, pigs and goats?

The DRIVE-TIGHT 2400mm 100NB Strainer post, is the only hand driveable exclusion post in Australia. Perfect for difficult to access areas.



HAND-DRIVEABLE POSTS



POST DRIVER

The DriveTight hand driver comes in at 21kg and measures 810mm. It gives you enough weight to drive the post in, without being too heavy.

THE POST

It's a 100NB (114.3 O.D) hot dip galvanised pipe with a 4.5mm wall thickness and a length of 2100mm (7'). It should be driven in just past the anchor lugs. 850mm (3') in, 1250mm (4') out.

ANCHOR LUGS

Clip in lugs on 45° angles, and allow half-length pickets to be driven in. This dramatically increases ground anchorage, significantly reducing the chance of the post being pulled up and out. Dig a shallow (150mm) hole before driving the post in. Once it's all set up, fill the hole back in, leaving nothing exposed.

THE PENETRATOR

The pointed end penetrates the ground with ease compared to the standard round pipe. This means faster installation, and less wear and tear. The 3 fins track straighter than the 2 of an angle post.

MOST EFFICIENT - MOST VERSATILE

THE ONLY 100NB HAND-DRIVEABLE ASSEMBLY IN AUSTRALIA!

DRIVETIGHT® includes 2 anchor lugs, and when installed with 2 half length star pickets, gives our posts **8X MORE GROUND ANCHORAGE!**

DRIVETIGHT® CAN HANDLE ANY TYPE OF SOIL.



The best option for difficult **unaccessible areas**, as all you need to install is the post and handheld driver.



Great for **rocky ground** as it can slide down between the big rocks.



Ideal for **deep black soils and flood prone** areas as the anchor lugs provide 3 points of anchorage giving the post a much larger surface area.

15 MINUTE INSTALL!

DRIVE-TIGHT® is the quickest and easiest end assembly kit to install!
It takes less then 15 minutes to complete the End Assembly.

The unique picket end on the post makes it the easiest post to drive in, either by hand or machine. It drives straighter than a standard round post, and you are not restricted by 90° like you are with an angle post.

Tip: Install lugs with full length pickets for even more ANCHORAGE.



$V = 0.43M^3$



$V = 3.4M^3$

8X MORE GROUND ANCHORAGE



DRIVE-TIGHT POSTS

INSTALL YOUR DRIVE-TIGHT® WITH OUR HAND DRIVER

Installing your DRIVE-TIGHT® steel fence post is easy with the DRIVE-TIGHT® hand driver. Using the hand driver, you can install your post in 5 minutes! And you can easily get it anywhere, making it the easiest solution for installing end assemblies.

Hire is available at selected stockist rural stores. Enquire with your local store about hire availability.



SCAN
TO
WATCH

DRIVE-TIGHT® POST DRIVER



DRIVE-TIGHT® POST DRIVER

DTPD

SUIT POSTØ - ≤100NB | LENGTH - 810mm | WEIGHT - 21kg

DRIVE-TIGHT® POSTS



DRIVE-TIGHT® (HAND-DRIVEABLE) STEEL STRAINER POST

RSPDT100 | LENGTH - 2100mm | FENCE HEIGHT - 1200mm

RSPDT1002400 | LENGTH - 2400mm | FENCE HEIGHT - 1500mm

POSTØ - 100NB

“ Very happy with the product!
Put in 4x 2.4m posts, 4 years ago,
by hand - Have not moved!
“
CHRIS DOWNING

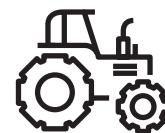


“ I love how easy they are to put in.
My partner and I put in 6 x 2.4m posts
in a day and came up amazing!
Super happy with how it looks.
“

KIRREN HARTLEY

DRIVEABLE END ASSEMBLY KITS

MACHINE-DRIVEABLE END ASSEMBLY KITS



MACHINE
DRIVEABLE



MACHINE-DRIVEABLE ROUND POST END ASSEMBLY KIT

RSAT804.0 | POST Ø - 80NB | STAYØ - 40NB

RSATHD804.0 | POST Ø - 80NB | STAYØ - 50NB

RSAT4.5 | POST Ø - 100NB | STAYØ - 40NB

RSATHD4.5 | POST Ø - 100NB | STAYØ - 50NB

POST LENGTH - 2400mm | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm



SUPERIOR
QUALITY

MACHINE-DRIVEABLE ROUND POST END ASSEMBLY KIT - STAINLESS STEEL

RSAT4.5SS | STAYØ - 40NB

RSATHD4.5SS | STAYØ - 50NB

POST Ø - 100NB | POST LENGTH - 2400mm | STAY LENGTH - 3250mm

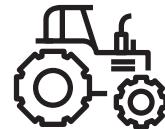
INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable (STAINLESS STEEL EYEBOLT) & Footplate.

FENCE HEIGHT - 1200mm



Extra stays for corners? Or already have posts?
See MULTI-STAY KITS (pg. 22)

MACHINE-DRIVEABLE EXCLUSION END ASSEMBLY KITS



MACHINE
DRIVEABLE



MACHINE-DRIVEABLE ROUND POST EXCLUSION END ASSEMBLY KIT

RSATHD4.53.25M

POST Ø - 100NB | POST LENGTH - 3250mm | STAYØ - 50NB | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable & Footplate.

FENCE HEIGHT - 2000mm



SUPERIOR
QUALITY

MACHINE-DRIVEABLE ROUND POST EXCLUSION END ASSEMBLY KIT - STAINLESS STEEL

RSATHD4.53.25MSS

POST Ø - 100NB | POST LENGTH - 3250mm | STAYØ - 50NB | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable

(STAINLESS STEEL EYEBOLT) & Footplate.

FENCE HEIGHT - 2000mm



CONCRETE-IN END ASSEMBLY KIT

CONCRETE-IN END ASSEMBLY KIT



CONCRETE-IN



CONCRETE-IN (NON-DRIVEABLE) ROUND POST END ASSEMBLY KIT

RSAT3.2 | STAYØ - 40NB

RSATHD3.2 | STAYØ - 50NB

POST Ø - 100NB | POST LENGTH - 2100mm | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm



CONCRETE-IN (NON-DRIVEABLE) ROUND POST END ASSEMBLY KIT - STAINLESS STEEL

RSAT3.2SS | STAYØ - 40NB

RSATHD3.2SS | STAYØ - 50NB

POST Ø - 100NB | POST LENGTH - 2100mm | STAY LENGTH - 3250mm

INCLUDES - Post, Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable (STAINLESS STEEL EYEBOLT) & Footplate.

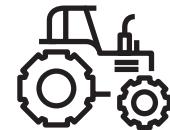
FENCE HEIGHT - 1200mm



Extra stays for corners? Or already have posts?
See **MULTI-STAY KITS** (pg. 22)

STEEL POSTS

DRIVEABLE POSTS



MACHINE
DRIVEABLE

MACHINE-DRIVEABLE ROUND STRAINER POST

RSP804.0 | POSTØ - 80NB | POST LENGTH - 2400mm | FENCE HEIGHT - 1200mm

RSP1004.5 | POSTØ - 100NB | POST LENGTH - 2400mm | FENCE HEIGHT - 1200mm

RSP1004.53.25M | POSTØ - 100NB | POST LENGTH - 3250mm | FENCE HEIGHT - 2000mm

CONCRETE-IN POSTS



CONCRETE-IN

CONCRETE-IN (NON-DRIVEABLE) ROUND STRAINER POST

RSP1003.2

POSTØ - 100NB | POST LENGTH - 2100mm | FENCE HEIGHT - 1200mm



HAVE A CONCRETE POST?

USE JUST OUR ADJUSTABLE TENSION ASSEMBLY

TENSION ASSEMBLY

TCA | Tension Cable & Footplate.

TCASS | Tension Cable (**STAINLESS STEEL EYEBOLT**) & Footplate.

POSTØ - ≤250mm | FOOTPLATE - (W)300mm - (L)400mm



STEEL POST END ASSEMBLY KITS

THE EASY, QUICK AND RELIABLE END ASSEMBLY KIT!

**SAVE YOURSELF
HOURS OF WORK!**

**OUR ASSEMBLIES
REQUIRE, NO WELDING
AND NO DRILLING!!**

Once your post is in, our bolt-on assembly takes **under 5 minutes** to complete. Tighten the 2 bolts with the **STAYTIGHT** **tube spanner** and you're done.



**SCAN
TO
WATCH**

100% STEEL - FROM THE POST CAP DOWN TO THE FOOTPLATE!
AVAILABLE WITH A STAINLESS STEEL EYE-BOLT.



STEEL POST END ASSEMBLY KITS

STAY TIGHT

LOKDOWN
— LUGS —

Over the past few years we have experienced some severe droughts and major flooding events. We have gained valuable knowledge by observing which fences remained intact and which ones didn't.

THAT IS WHY WE HAVE CREATED THE LOKDOWN LUGS!



Highly **FLOOD**
resistant



More stable in **SOFT**
and **REACTIVE** soils



Eliminates post
PULL-OUT



$V = 0.43M^3$



$V = 3.4M^3$

**8X MORE GROUND
ANCHORAGE**

AVAILABLE INDIVIDUALLY



LOKDOWN LUG ANCHORAGE KIT

PGFL

INCLUDES - 2x LOKDOWN Lugs, 7x Tek Screws

INCLUDED IN ALL STEEL POST KITS



- 2 X LOKDOWN LUGS
- 7 X TEK SCREWS

***PER ASSEMBLY KIT (5 KITS PER TUB)**

STEEL POST MULTI-STAY KITS



STEEL POST STAY KITS



Extra stays for corners? Or already have posts?



HAVE UP
TO 4 STAYS
ON 1 POST!

MULTISTAY® KIT (POST NOT INC)

RSK8040 | POST Ø - 80NB | STAYØ - 40NB

RSK8050 | POST Ø - 80NB | STAYØ - 50NB

RSK40 | POST Ø - 100NB | STAYØ - 40NB

RSK50 | POST Ø - 100NB | STAYØ - 50NB

STAY LENGTH - 3250mm

INCLUDES - Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm-2000mm



SUPERIOR
QUALITY

MULTISTAY® KIT (POST NOT INC) - STAINLESS STEEL

RSK40SS | STAYØ - 40NB

RSK50SS | STAYØ - 50NB

POST Ø - 100NB | STAY LENGTH - 3250mm

INCLUDES - Post Cap, Stay, Post & Stay Connector, **LokDown Lugs**, Tension Cable

(STAINLESS STEEL EYEBOLT) & Footplate.

FENCE HEIGHT - 1200mm-2000mm

USE THE STAYTIGHT TUBE SPANNER - 5X FASTER



STS | LENGTH - 410mm | NUT - 19mm (M12) | DRIVE - 1/2"

MULTI STAY®

PINE POST KIT POSTS UP TO **250MM** IN DIAMETER



SUPERIOR
QUALITY



PREFERRED
IF YOUR POST IS
SMALL ENOUGH

PINE POST (\leq 250mm) MULTI-STAY® KIT - STAINLESS STEEL

PPSK50

SUITABLE POST Ø - \leq 250mm | STAY Ø - 50NB | LENGTH - 3250mm

INCLUDES - Stay, Post & Stay Connector, Tension Cable (**STAINLESS STEEL EYEBOLT**) & Footplate.

FENCE HEIGHT - 1200mm-2000mm

CABLE LOOP = NO DRILLING

**The only tension cable in Australia
with a stainless steel eyebolt.**

Just drop the loop over your pine post, or slip knot it if you have the existing wire installed.



**LESS ROTTING, STRONGER POST,
LONGER LIFE.**



SCAN
TO
WATCH

TIMBER POST MULTI-STAY KIT



TIMBER POST KIT POSTS UP TO 550MM IN DIAMETER



TIMBER POST (>250mm) MULTI-STAY® KIT

TSK50

SUITABLE POST Ø - >250mm | STAY Ø - 50NB | LENGTH - 3250mm

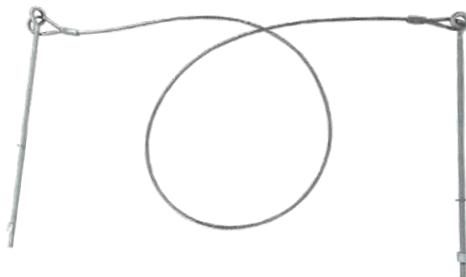
INCLUDES - Stay, Post & Stay Connector, Tension Cable (**DOUBLE-ENDED EYEBOLT**) & Footplate.

FENCE HEIGHT - 1200mm-2000mm

DOUBLE-ENDED EYEBOLT

Conventional tension rods require precise parallel drilling and flat ground to ensure they don't bend.

Ours can be drilled at different angles and run over uneven or rocky ground.



Our Timber Twist-Tight Stay Connectors only require an 18mm hole.

INCLUDED IN ALL PINE AND TIMBER KITS.

DIVERSE APPLICATIONS

Our MULTI-STAY® Kits are an efficient and reliable solution. They are a flexible system with a diverse range of applications.

Livestock and Crops - Protecting and managing your livestock and crops, means maintaining strong and safe fences. Rotech Rural assemblies are easy to install and manage, and with our anchorage system, the strongest on the market!

Equine - Our assemblies offer a safe, anti-bruise, and secure enclosure for horses; easily adaptable for pasture rotations or temporary installations.

Exclusion - Exclusion fencing is vital to keep out pests, predators, and unwanted animals from our farms. Rotech exclusion assemblies allow for a 1900mm fence and are designed especially for supporting heavy-duty prefabricated fencing.

Conservation - Strong, quality fences are crucial to maintaining biodiversity and protecting our ecosystems and wildlife habitats. Rotech assemblies are engineered to withstand the diverse landscapes found within these environments.

Industrial - Wind farms, mines, solar farms - Delivering a dependable and user-friendly fencing system for rapid implementation of safety and security in industrial settings.



Detailed specification drawings are available upon request.

FITTING KITS

FITTING KITS

! IF YOU HAVE YOUR OWN PIPE, THE FITTING KITS ARE JUST WHAT YOU NEED.
ALL THE COMPONENTS, WITHOUT ANY OF THE PIPE.



**HEAVY DUTY TUB
INCLUDES
5X FITTING KITS**



**STAINLESS STEEL CABLE AND
GAL OR STAINLESS STEEL EYE-BOLT**
LOOP SUITS POSTS <250mm, 8mm 316 GRADE CORE



POST CAP
HD - 2mm
GALVABOND



**LOK DOWN
ANCHOR LUGS**
8X MORE GROUND
ANCHORAGE



**FLOATING
FOOTPLATE**
8mm THICK
TONGUE



**TWIST-TIGHT®
POST & STAY
CONNECTOR**
ADAPT-A FIT
TECHNOLOGY

5 MINUTE INSTALL!

No drilling. No welding. Everything is bolt-on. Use the STAYTIGHT Tube Spanner or a shifter to tighten the nuts and tension.

With our **Twist Tight Stay Connectors**, you can run your assembly at any angle. The new **Adapt-a-Fit** technology means that one connector can conform to an extra light, light or medium wall stay.

Our tension cable is a loop; no drilling, just slip it on. Unlike a tension rod, it will run over rocky ground and can be tightened over time.

LokDown Lugs will add 8x the ground anchorage to your post, greatly increasing its strength and reliability.



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Optional Slipknot -
If adding tension cable to an existing fence, or if shortening the cable.

FITTING KITS



STEEL POST FITTING KIT

SSFK8040 | POSTØ - 80NB | STAYØ - 40/40M NB

SSFK8050 | POSTØ - 80NB | STAYØ - 50/50M NB

SSFK10040 | POSTØ - 1000NB | STAYØ - 40/40M NB

SSFK10050 | POSTØ - 100NB | STAYØ - 50/50M NB

SSFK15050 | POSTØ - 150NB | STAYØ - 50/50M NB

INCLUDES - Post Cap, Post & Stay Connector, **LokDown Lugs**, Tension Cable & Footplate.

FENCE HEIGHT - 1200mm-2000mm



PINE POST FITTING KIT - STAINLESS STEEL

SSFKPP50

POSTØ - ≤250mm | STAYØ - 50/50M NB

INCLUDES - Post & Stay Connector, Tension Cable (**STAINLESS STEEL EYEBOLT**) & Footplate.

FENCE HEIGHT - 1200mm-2000mm



STEEL POST FITTING KIT - STAINLESS STEEL

SSFK10040SS | POSTØ - 1000NB | STAYØ - 40/40M NB

SSFK10050SS | POSTØ - 100NB | STAYØ - 50/50M NB

SSFK15050SS | POSTØ - 150NB | STAYØ - 50/50M NB

INCLUDES - Post Cap, Post & Stay Connector, **LokDown Lugs**, Tension Cable (**STAINLESS STEEL EYEBOLT**) & Footplate.

FENCE HEIGHT - 1200mm-2000mm



TIMBER POST FITTING KIT

SSFKTP50

POSTØ - >250mm | STAYØ - 50/50M NB

INCLUDES - Post & Stay Connector, Tension Cable (**DOUBLE-ENDED EYEBOLT**) & Footplate.

FENCE HEIGHT - 1200mm-2000mm

STEEL POST & STAY CONNECTORS

TWIST TIGHT®

STEEL POST & STAY CONNECTORS

STILL WELDING YOUR POST TO YOUR STAY?

Our strong and simple stay connector consists of a bolt-on clamp and a Twist-Tight tongue. The clamp can be easily wrapped around the post, connected with a single nut and bolt then tightened with our tube spanner. It is quick and easy to install and you can run as many stays as you need all at any angle.

WE BUILD THEM STRONG

The Twist-Tight post and stay connector tongue is made from heavy duty 6mm thick steel, then hot dipped galvanised for corrosion resistance.

Clamped onto the pipe with a high tensile 8.8 grade nut and bolt, they are far more secure than those pushed into a pre-drilled hole.

A SIMPLE & UNIQUE ANTI-BRUISE SOLUTION

The smooth, interlocking design of the Twist-Tight clamp and the top disk provide an anti-bruise finish and eliminate the risk of livestock damage.

NO WELDING OR DRILLING

These clamps don't require welding or drilling, ensuring a seamless, watertight post. All that is needed to install a Twist-Tight clamp is the STAYTIGHT Tube spanner or a shifter. It couldn't be easier.

INCREADIBLY VERSATILE

The Twist-Tight clamp is the most versatile and flexible connector. Allowing for adjustment at any stage of the lifespan of the fence. They can be set at any height or angle around the post, this is not possible with stays that have been welded or inserted into pre-drilled holes and you can have multiple clamps on one post.



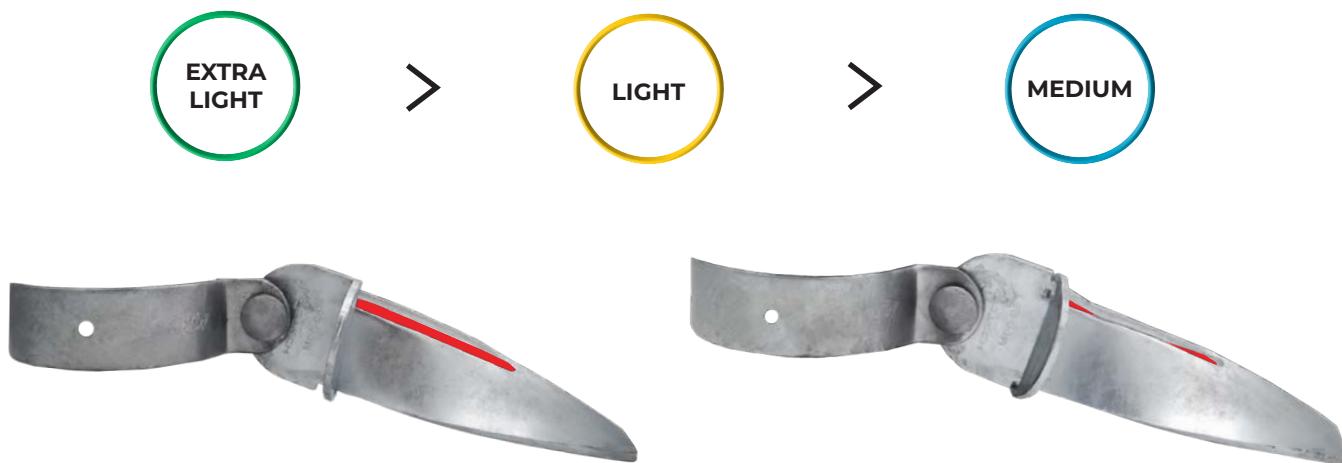
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ADAPT-A FIT PATENT PROTECTED INNOVATION

ONE SIZE FITS ALL!

The new Adapt-a Fit technology means that our connector tongue can conform to any stay wall. As you insert the connector, depending on the stay wall thickness, the slit will compress to the exact fit. This standardises your operation allowing you to keep your connectors consistent and reliable.



LONG-LASTING, RELIABLE HOLD

The Twist-Tight tongue is twisted rather than flat. The tongue goes 125mm down into the stay, tapered at one end making it easy to install, but widens at the top to provide a strong and secure hold against the inside of the stay. The disk rests against the top of the stay, stabilising the tongue. This increases the load bearing capacity of the connection by 30% while providing a smooth and tidy finish.

TWIST-TIGHT® POST & STAY CONNECTORS



PSC8040 | POSTØ - 80NB | STAYØ - 40/40M NB

PSC8050 | POSTØ - 80NB | STAYØ - 50/50M NB

PSC10040 | POSTØ - 1000NB | STAYØ - 40/40M NB

PSC10050 | POSTØ - 100NB | STAYØ - 50/50M NB

PSC15040 | POSTØ - 150NB | STAYØ - 40/40M NB

PSC15050 | POSTØ - 150NB | STAYØ - 50/50M NB

PIPE SIZE GUIDE

STAYS

NOMINAL BORE - 40NB | OUTSIDE Ø (O.D) - 48.3mm

EXTRA LIGHT - WALL THICKNESS - 2.3mm

MEDIUM - WALL THICKNESS - 3.2mm

NOMINAL BORE - 50NB | OUTSIDE Ø (O.D) - 60.3mm

EXTRA LIGHT - WALL THICKNESS - 2.3mm

MEDIUM - WALL THICKNESS - 3.6mm

STRAINER POSTS

NOMINAL BORE - 80NB | OUTSIDE Ø (O.D) - 88.9mm

MEDIUM - WALL THICKNESS - 4mm (DRIVEABLE)

NOMINAL BORE - 100NB | OUTSIDE Ø (O.D) - 114.3mm

EXTRA LIGHT - WALL THICKNESS - 3.2mm (NON-DRIVEABLE)

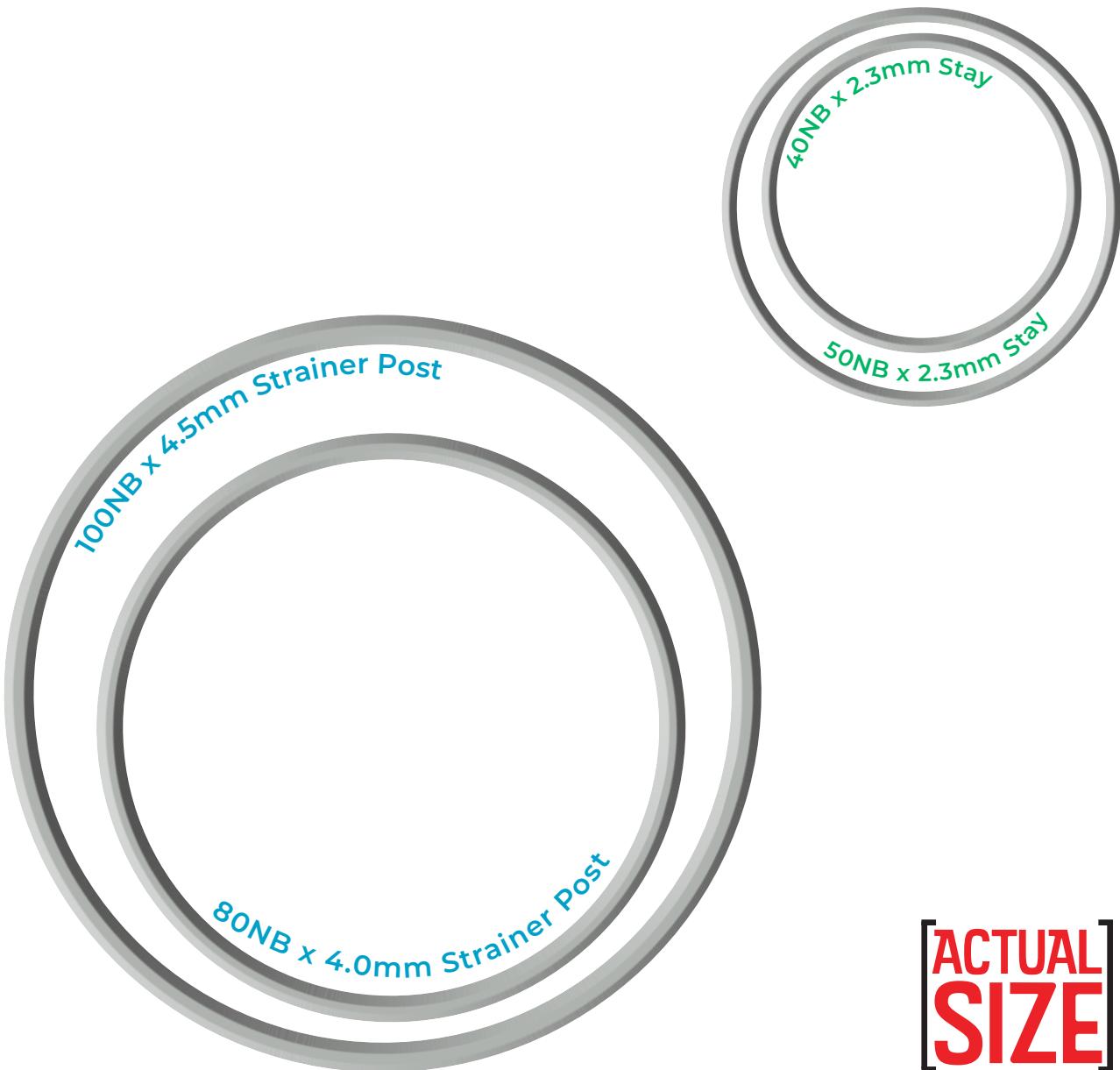
MEDIUM - WALL THICKNESS - 4.5mm (DRIVEABLE)



WHAT IS NOMINAL BORE (NB)?

The bore is the hollow section of the pipe. Nominal refers to the approximate measurement of the bore.

There are regulations that govern the outside diameter (O.D) of pipe. To allow for different wall thicknesses, the inside diameter (I.D) of the pipe has to vary. The exterior stays the same, while the interior, known as the nominal bore, changes.



WANT TO SEE ALL PIPE SIZES?

<https://rotechrural.com.au/articles/resources/steel-pipe-sizes/>

QUOTE & ORDER

GET AN INSTANT ONLINE QUOTE & PLACE YOUR ORDER!

1 VISIT
<https://rotechrural.com.au/products/staytight-end-assemblies/>

2 CHOOSE YOUR KIT



DRIVE-TIGHT® HAND-DRIVEN END ASSEMBLY KITS

\$	INC. GST PER UNIT
Post Length	2100mm (7') <input checked="" type="radio"/>
Stay Ø	40NB <input type="radio"/>
Eye Bolt	SONB <input type="radio"/>
Quantity	Regular <input type="radio"/>
	Stainless Steel <input type="radio"/>
	Single <input type="radio"/>
	Box <input type="radio"/>
	Clear

3 ADD TO QUOTE

\$ INC. GST PER UNIT

QUANTITY

SUBTOTAL: \$

[ADD TO QUOTE](#)

SKU: RSATHDDT**

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4 PROVIDE YOUR CONTACT DETAILS

Fields marked with an * are required

First Name *

Last Name *

Phone *

Email *

Email will be used for quote only.

Your Postcode *

5 PICK YOUR PREFERRED STORE

PREFERRED STORE

[SHOW STORES](#)

YOUR TOWN

Optional: Enter A Town/Suburb & Click 'Show Nearby Stores' To See A List of Stores.

Your preferred store will receive a copy of your quote request and contact you to confirm the quote details. If you choose not to select a store, only you will receive a copy of your quote and you will need to follow up with a Rotech Rural stockist to place your order.

6 SUBMIT

Rotech Rural supports local businesses, so all our products are only sold through local stores. Once you submit your quote request, you will be able to contact your preferred Rotech Rural stockist to finalise your order. If you do not have a preferred stockist, Rotech Rural will help put you in touch with a nearby rural store to finalise your quote.

[Submit](#)

NEED MORE INFO OR HELP?
GET IN CONTACT WITH US.

HEAR FROM OUR CUSTOMERS

“Recently used the Rotech Rural End Assemblies, and I found them great! Was impressed that they were made with a bigger strainer post than competitors, and the stay design is nice, strong and easy to use. Been using them in a few different soil types and can't fault them.”

BLAKE - MYALL, VIC

“We made the switch from timber to steel and then to Staytight. Fencing wise, it's the best thing we have ever done. We love how quickly they go together and how much more we get done in a day. Will definitely be using it again.”

RICHARD - ARMIDALE, NSW

“I was a first timer to rural fencing, and when I came across your products at the local rural supplies, I had to give it a go. I have to admit your products are the easiest to use and the range of bolt-on (non-welding) items makes it easy when power is not available. Pricing is also competitive with the Twist-Tight being the cheapest option for non-welding stay assemblies. After using this product, I don't think I could go back to welding. Saves me time and effort.”

ANTHONY - MURRUMBATEMAN, NSW



PICTURED -
SLIM, HORSHAM - VIC



CUSTOMER TESTIMONIALS

"I like the simplicity of using the Rotech products because you don't need any welders or many power tools. Just nice and easy!"

JARROD ANDREWS - GYMPIE, QLD

"Fantastic end assemblies! We used the staytight kits and also some wooden post kits - Best strainer assemblies we have ever built, bomb proof and look great too. Love your products and will be purchasing more!"

JULIE BIRCH - SKIPTON, VIC

"Strainers were very easy to drive. 3 years, no issues so far. Stays are quick to put in."

BILL WILLIAMS - GLOUCESTER, NSW

"I love how easy they are to put in. My partner and I put in 6 x 2.4 posts in a day and came up amazing! Super happy with how it looks."

KIRREN HARTLEY - DALBY, QLD

"I had a fence to build in a very rocky steep terrain. The End Assembly kit made the job a breeze, no machinery was required which was also a big saving. I'm not a professional and on steep ground I could have an end assembly completed in 15 minutes I was very impressed the with product."

CHARLES HOP - LISMORE, NSW

"Great easy kits to use! I had the strainer & stay up in 20 minutes won't look back to timber again!!!"

SIMON - SCONE, NSW



FREQUENTLY ASKED QUESTIONS

1) WHY DO FENCES FAIL?

The three top reasons a fence can fail are; structural failure, soil movement and post pull-out. Structural failure can occur if inferior materials have been used or if the end assembly has been designed/built incorrectly.

Some soil doesn't have the strength to support the load of a fence; this can often be fixed by installing longer posts. If a post pulls out, it is most likely due to the post not being set deep enough or the stay not being long enough.

2) WHAT'S THE BIGGEST FENCING OVERSIGHT?

Time. When fencing is required, various systems get priced up. Often, the option chosen is the one with the smallest initial outlay (timber assemblies and welded steel assemblies).

'Initial' - yes, because the option that was more expensive in materials all of a sudden becomes the better option.

Why? Because it takes less than a $\frac{1}{4}$ of the time to install bolt-on assemblies. There are huge cost savings in labour, far outweighing the purchase price.

3) WHY DO STRAINER POSTS MOVE?

If the pull of the wire exceeds the pull/anchorage of the ground, the post moves.

This can be prevented by sufficient post depth with secure ground anchors attached and a correctly installed diagonal stay.

4) HOW IMPORTANT IS THE DIAMETER OF THE POST?

It isn't (within reason). A common belief is that the greater the diameter, the greater hold it will have in the ground.

However, the depth of the post and the way it's installed are far more important.

5) WHAT'S THE BEST WAY TO INSTALL A STRAINER POST?

Driving them in. It causes the least disturbance to the soil.

A steel strainer (80NB or 100NB) driven in, will out-perform a much larger timber post that has been dropped in a hole and then tampered in. Driven posts have a greater holding capacity and are far less affected by vertical and horizontal movement.

6) WHY USE A DIAGONAL STEEL STAY ASSEMBLY?

Because they're the easiest, quickest and strongest assemblies you can install. They're also fully adjustable.

7) WHERE ARE END ASSEMBLIES REQUIRED?

The requirement for an end assembly is dictated by a change in the direction of the fence, the topography of the land, or for a gateway.

8) WHY ARE STRAINER POSTS SO IMPORTANT?

If they fail, then the whole fence fails. The strainer post is subject to vertical and horizontal forces. It's critical that they're installed correctly.

The deeper the post is set, the greater its load capacity. A post set at 1m (42") has about double the capacity of one set at 750mm (30").

9) WHAT LENGTH SHOULD MY STAY BE?

The stay plays a critical part in the holding power of the assembly. As a general rule of thumb, the length of your stay should be at least 2½ times the height of your fence.

The longer the stay is the less up-lift on your post. Rotech's 3.25m reduces uplift pressure on the post by approx 200kg.

10) HOW FAR UP THE POST SHOULD MY STAY CONNECT?

¾ of the way up the post, from ground level. If your post is 1.2m above ground level, then the best position would be at 900mm.

$1.2(m) \times .75 (.75) = .9m (900mm)$. With the StayTight system, there is no fixed height on the post, giving you full control.

If the angle of the stay is too flat or too steep, then it can act as a fulcrum and increase the vertical movement of the post - Which isn't something you want.

FREQUENT QUESTIONS

11) WHY DO I NEED ADJUSTMENT?

Within 24 hours of a fence being erected, it starts losing tension and continues to do so over its lifespan. With adjustment, you can respond to changes in the fence line tension before it becomes a problem.

STAYTIGHT assemblies give you control of the adjustment via the tension cable and the post and stay connectors. This is not possible with traditional timber assemblies, a steel assembly that's been welded, or any assembly that has its stay buried in the ground.

A fence line that is cared for will give you years and years of service, so it makes sense for you to have control of it rather than letting nature dictate it completely.

12) DO I REALLY NEED A TENSION CABLE?

Yes, the tension cable transfers the weight from the fence to the base of the strainer post (where it's needed most).

Without the tension cable, the weight of the fence ends up on the footplate. The cable reduces the chance of the post lifting out of the ground.

In addition, with all that weight taken off the footplate, it's very unlikely to sink.

13) WHY USE A “FLOATING” FOOTPLATE?

There is no way of stopping ground movement, it's out of our control.

The only thing that should be fixed is the strainer post. Everything else should be able to move with the changing conditions that the fence is put through. It's a “floating” footplate because it stays on top of the ground, unpinned.

Pinning the footplate down, burying it, or restricting its movement defeats its purpose and is just asking for trouble. All the weight of the fence will end up on the footplate, exactly where you don't want it.

A stay set into the ground (even with a backing plate) will fail over time, causing the whole fence to fail.

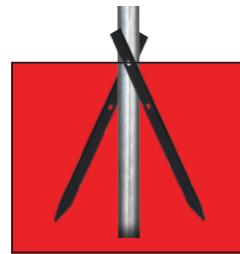
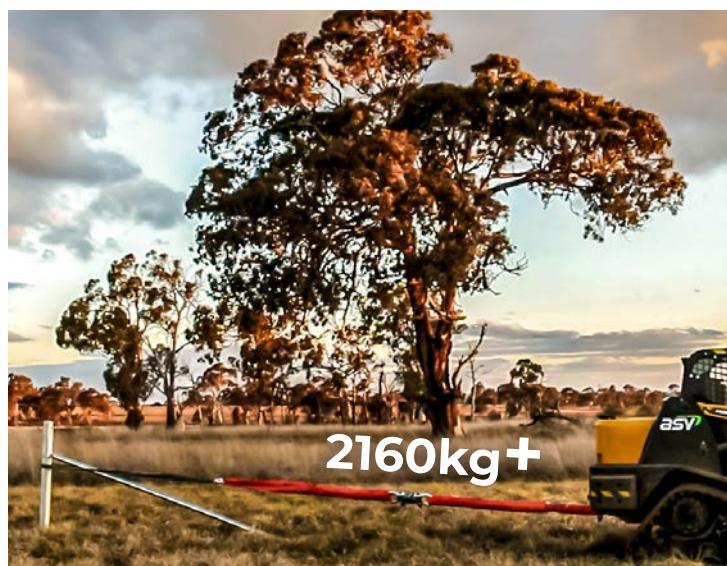
Another advantage is that floating footplates don't require any digging to install.

So, not only is it superior to other footplates, it's also a real time and back saver.

14) WHY IS GROUND ANCHORAGE SO IMPORTANT?

Over the past five years, we've dealt with some severe droughts and major flooding events across Australia. We've picked up a ton of knowledge by seeing which fences held up and which ones didn't.

In reactive soils, black & deep soils, flood-prone areas, and drought-affected soils, it can be very challenging to fence and prevent posts from dislodging, popping out of the soil, or moving around. The best solution to reducing this movement is to provide **additional ground anchorage**.



8X MORE GROUND ANCHORAGE

Ground anchorage refers to the depth and strength at which a post is secured into the ground. Providing **additional anchorage** helps reduce the stress and pressure on the strainer post. This is because the external forces applied to the end assembly are distributed over a larger volume of soil. This helps ensure that the soil can support the external forces without allowing any movement.



That's why we created LokDown Lugs, which provide 8x more ground anchorage. This patent-protected addition makes our end assemblies the strongest yet!

ROTECH RURAL PRODUCT RANGE

To explore more of our high quality, innovative rural fencing hardware:

VISIT - www.rotechrural.com.au



STAYTIGHT



RAILTIGHT



HINGES



LATCHES



STOCKYARD FITTINGS



FENCE FITTINGS & AC



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POST CAPS



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