

## Fendt Former Hay Rake







A century of forage expertise

Tradition, innovation and passion —
that's the recipe for success at the forage
centre of expertise in Feucht.

### Tidy work. The Fendt Former Hay Rake.

Do you expect nothing but the highest quality forage in your swath? Then you should definitely take a look at the innovative Fendt Former hay rakes. With an operating width of up to 14.0 m, they are experts in adding quality forage cleanly and precisely to the swath. Anytime and under all conditions.



### The best of all worlds. Innovative technology for cleaner forage.

Whether its a single, two or four-rotor hay rake: All Fendt Formers are designed to make it easy. to form your quality forage. Smart details like CamControl, SteerGuard or the Jet-Effect help you to keep the shape of your forage even on headlands, and the sturdy design ensures a long lifetime.

#### FENDT FORMER HAY RAKES

## Every last stalk matters during the forage harvest.

#### Adjustable to within a hair's breadth

All Fendt Former multi-rotor hay rakes have a fully cardanic rotor suspension. This gives them outstanding adjustability to the ground, both lengthwise and diagonally, with even forage which lies in wheel tracks or hollows being harvestable without being lost. As a result, the sward is also protected on uneven terrain.

#### Perfectly formed swath

The best swath is the result of an optimised cam track. The special design of the Fendt Former cam track ensures that the tines are lifted and lowered precisely. Due to the standard cam track adjustment, the delivery time can be individually adjusted depending on the forage quality, so that the swath is perfectly formed under all conditions. The output of the trailed machines therefore increases appreciably. The closed design protects the cam track against dirt and dust, and the rotors are very smooth running thanks to the permanent lubrication.

#### Optimal forage quality thanks to Jet-Effect

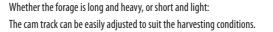
The rotors' pivot outside the centre of gravity ensures that they lift first at the front and then at the back. The process runs in reverse when lowering: The rotor touches the ground first at the back and then at the front, which stops the tines from penetrating the ground. Tines as well as the sward are therefore protected and the forage is kept free of dirt and contaminants.

#### Perfect rotor chassis

The Fendt Former hay rake wide-track chassis ensures optimal ground following, also on uneven and steep terrain. Additional smooth running and stability enables tandem axle configurations. The Fendt Former allows you to work efficiently and cleanly in any conditions and forage types. For optimal raking, the rotor chassis can be tilted lengthwise and horizontally.











When lowering on headlands, the back wheels touch the ground first, followed by the front wheels. When lifting, the rotors are raised first at the front. This Jet-Effect protects the sward.

FENDT FORMER HAY RAKES

## It's the little details that make all the difference.



The SteerGuard steering system is simple but effective. The hay rakes have excellent ground following despite having few mounting points.

#### Precision ground following

Simple but low-wear, durable and above all, precise: this is the patented SteerGuard steering system. The stub axle steering uses adjustable track rod heads from the commercial vehicle sector. This ensures precise self-steering and excellent stability. In order to direct steering forces towards the rear, the steering shaft is located within the frame and protected against damage. It has just a few separation points and mounts and therefore maintains its precision over many years.

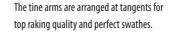
#### Hay rake heads for maximum durability

Various rake heads are fitted according to the model. All are designed for stability and longevity. The maintenance-friendly Former 3 and Former 4 rake heads are bolted using taper rings to form a single sturdy unit, leading to perfect centring. The screws are not exposed to shear forces. The Former 5 and Former 6 hay rake heads are fitted with a maintenance-free rotor arm bearing. Ball bearings with large distances between are used. These provide the head with the ultimate in stability.

#### **Efficient deposit**

The tine arms of the Fendt Former rakes are arranged at tangents. This provides the ultimate in raking quality and optimal forage pick-up even at higher speeds. As the double tines are screwed into the tine holders from below a smooth surface on which no forage can hook is produced. The clearance of the tines to the coils is also completed unlimited. The tine arms can be detached after removing a single cotter pin, and tine arm control shafts can be replaced individually without disassembling the rake flange. To do this, only individual screws need to be loosened.

Bolting the tines to the tine carrier produces a smooth surface and means that no forage gets trapped.





The drive consists of a single bevel gear with a divided bevel pinion shaft with twin bearings.

The tine arm carriers can be replaced individually without having to disassemble the rake flange.





FENDT FORMER FOUR-ROTOR HAY RAKE WITH OR WITHOUT ISOBUS

# One step ahead when it comes to comfort and efficiency.

#### Solutions that convince

Fendt offers the right solution for everyone when it comes to 4-rotor hay rakes. You have the choice between the high-end Fendt Former 14055 PRO machine with up to 14 m working width and the special proConnect ISOBUS functions, the ISOBUS-controlled Fendt Former 12545 PRO with max. 12.5 m working width, and the similar Fendt Former 12545 as a standard machine, which are controlled via two hydraulic control units and manual settings.

#### Intelligent control

For the perfect headland, a smart sequence control oversees the lifting of the rotors, based on time or the tractor's displacement signal. You can also adjust the lifting height on headlands to five levels. All values can be easily changed using the Varioterminal or other ISOBUS-capable monitors. Functions can also be conveniently activated at the touch of a button, or can be loaded onto the Fendt Vario joystick. With the innovative Fendt Variotronic<sup>TI</sup> headland management on the Fendt Vario tractors, headlands are handled like clockwork.

#### Automatically the right raking height

With the flexHIGH system, the Fendt Former 14055 PRO can be adjusted to the operating speed. When you drive faster, the resistance on the rotor at the front is increased by the larger volume of forage, meaning that tines may be bent back and that the set operating height might not be maintained. flexHIGH solves this problem by lowering the rotor slightly at higher speeds, therefore ensuring that no forage is left behind. The current position is always shown on the display via the position sensor. When standing, the rotor is raised so that the tines do not scrape the floor.

#### High performance at your finger tips

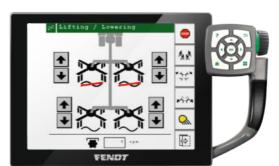
Experience a new dimension of implement control with the Fendt Former hay rake with ISOBUS control and a maximum operating width of 14 m. Thanks to myMemory, you can retrieve previously selected settings such as raking height, operating width and swath width at the touch of a button on the Varioterminal. This saves time on the way to the next job. A transport height of below 4 m which is maintained without removing the tine arms also ensures comfortable and safe transport on the roads.

 Former 12545
 Former 12545 PRO
 Former 14055 PRO

 Working width
 10,0 - 12,50 m
 10,0 - 12,50 m
 11,50 - 14,00 m

 Number Tine arms per rotor
 4 x 12
 4 x 12
 4 x 13

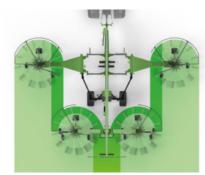
It doesn't get easier than this: The power of ISOBUS allows you to control any Fendt Former 4-rotor hay rake PRO model function at the touch of a screen.



Despite the huge operating width of the Fendt Former 14055 PRO, the transport height stays below 4 m.



gapCONTROL allows you to monitor the overlapping range of the front and back rotors. An audible warning sounds to warn the operator if a critical limit is reached.





FENDT FORMER TWO-ROTOR CENTRAL DELIVERY HAY RAKE

## The right machine for the best possible forage harvesting.

#### Versatility to meet your needs

The Fendt Former two-rotor hay rake with central swath shot is available to meet any challenge. From the entry-level model Former 671 with a low power requirement to the all-rounders Former 801/880 and 10065, as well as the professional units Former 8055 Pro and Former 10065 Pro, the hay rakes are a constant source of wonder. They cannot be beaten when it comes to durability and quality of work.

#### The right drive

The Fendt Former hay rake implement driveline has a maintenance-free free wheel and a slip clutch for each rotor. The benefits are immediately obvious: When the PTO is disengaged, the rotors don't come to a juddering halt, but gently come to a standstill. The rotor arms can also be made ready for transport straight after disengaging the PTO. to reliably protect the drive train. And that's not all – the straight drive train ensures a long service life.

#### Very easy to adjust

The Fendt Former two-rotor centre delivery hay rake comes with easy operating width adjustment as standard. The four operating widths on the Fendt Former 671 are adjusted without tools using a lever. On some other models, a stepless hydraulic operating width adjustment system also comes as standard. All other models apart from the 8055 PRO: The transport height always remains low regardless of the operating width you have set.

#### Ideal for headlands

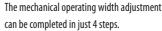
The centre swath cloth helps forms the perfect swath. In order that high swathes and the swathes on the headland are not pulled apart unnecessarily, the swath cloth automatically folds up as soon as the rotor arms move into the headland position. The swath cloth also automatically folds of course in the transport position. An optional flow divider (depending on the model) then lifts the rotors in perfect sync.

 Former 671
 Former 671
 Former 801
 Former 880
 Former 8055 PRO
 Former 10065
 Former 10065 PRO

 Working width
 5,80 - 6,60 m
 6,80 - 7,60 m
 7,20 - 8,00 m
 7,20 - 8,00 m
 8,80 - 10,00 m
 8,80 - 10,00 m
 8,80 - 10,00 m
 8,80 - 10,00 m
 10,10 m

A free wheel has been integrated in the Fendt Former drive train, and each rotor is fitted with separate overload protection.







Regardless of the operating width itself:
The hay rake always retains its transport height.







Using the hydraulic operating width adjustment, the operating width can be conveniently adjusted without leaving the tractor cab. The easily readable indicator gives you information on the adjusted operating width.



The Fendt Formers are manoeuvrable and compact in the transport position. This means transport speed of up to 40 km/h are easily achievable.

FENDT FORMER TWO-ROTOR SIDE DELIVERY HAY RAKES

## Maximum flexibility with easy handling.

#### Individual through and through

The Fendt Former two-rotor hay rakes with side swathdeposit give you the flexibility you need for your everyday routine. It allows you to decide quickly and easily, and with no tools, whether to deposit two swathes or a single swath. The overlapping of the two rotors is extensive when depositing a single swath, which ensures clean forage transfer from the first to the second rotor therefore guaranteeing best results, even in difficult conditions and when taking corners.

#### Perfect cam track

The Fendt Former Hay Rake 7850 and 7850 Pro deliver perfect results on a headland thanks to CamControl. CamControl is the hydraulic adjustment of cam tracks. In the headland setting, CamControl creates a ground clearance of more than 50 cm. The tines are exactly horizontal at the lowest point of the rotor. The forage is not touched or damaged unnecessarily and the low centre of gravity of the hay rake is retained.

#### Efficient deposit

An automatic sequence control is integrated as standard so that the two-rotor hay rake lifts perfectly on headlands. This ensures that the rotors are lifted and lowered at offset times and therefore always ensures a perfect swath, even on headlands. The lifting process can therefore be adjusted to suit the road speed and operating conditions.

#### Perfectly sorted

Typically Fendt: The Fendt Former hay rakes are planned down to the last detail, and nowhere is this clearer than on the hydraulic connections. Thanks to the KENNFIX® connector, the long hours of sorting hoses are a thing of the past, and the connections which belong together can be permanently identified.

	Former 1402	Former 1452	Former 1603	Former 7850	Former 7850 PRO
Working width	5,75 / 6,65 m	5,80 / 6,70 m	6,60 / 7,70 m	7,80 / 8,40 m	7,80 / 8,40 m
Number Tine arms per rotor	10 / 12	12 / 12	12 / 12	13 / 13	13 / 13

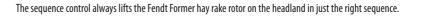
Easily visible: Even in the lowest position on the headland, the tines are horizontal in the delivery position thanks to CamControl, ensuring that even the largest swaths remain undamaged on the headland.













The Fendt Former two-rotor side delivery hay rakes are also quick and safe on the roads, and can be folded to form a compact unit.

FENDT FORMER TWO-ROTOR SIDE DELIVERY TRAILED HAY RAKES

## Fendt Former: Embodies versatility and drive.

#### Pure flexibility

The Fendt Former 1502 is a lightweight that packs a punch. Thanks to its trailed design, this manoeuvrable and versatile machine is ideally suited for large working widths of up to 7.00 metres (with two-swath delivery) even with smaller tractors. In the case of one-swath delivery, the working width can be hydraulically set steplessly between 3.60 m and 6.30 m. This allows maximum flexibility in use. Tailor your swath shot to suit your current harvesting conditions. Thanks to the standard sequence control, the rotors are lifted at the end of the field according to a time delay, which produces perfect swath ends.

#### Optimal adjustment

Even in the toughest conditions, you can always rely on perfect ground following thanks to the Cardanic rotor suspension and twistable frame. As the rotors are independent of the frame, they can be precisely adjusted both longitudinally and diagonally. This minimises forage contamination and grips everything recesses is baled without losing it. The horizontal tilt of the rotors can be easily set adjusted using the cam bolts, and also even more precise raking. The cam track can be adjusted separately to optimise swath delivery, regardless of the forage type.

#### **Guaranteed smooth running**

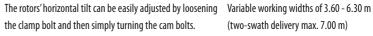
The tine arms do not have to be removed when on the road, which massively reduces the set-up time and ensures greater productivity. The transport width remains below 3m when the tine arms are attached. The large 18/8.50-8 tyres ensure that the implement runs smoothly. This not only guarantees that you can work well and comfortably, but also ensures safe transporting, during which each rotor runs on 4 wheels. Tow bars or adjustable drawbars allow you to hitch and unhitch the machine really easily. When it comes to safety, the trailed hay rake scores well with a standard free wheel and overload protection in the drivetrain.

cleanly. Even the crop which gets into the dips and

3,60 - 6,30 / 7,00 m Working width Number Tine arms per rotor

The front rotor has 4 hyper balloon wheels 18/8.50-8. Optionally, gauge wheels of the same size can be fitted on the left and right.





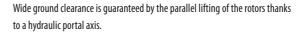


(two-swath delivery max. 7.00 m)











Optionally, the rear swath former can also be operated hydraulically.

FENDT FORMER SINGLE-ROTOR HAY RAKE

# A great job done, and that goes for small tractors too.

#### Clean work

Its lightweight and stable design, and the low power requirement means that the Fendt Former single-rotor hay rake is also ideal for large working widths with small tractors. When it comes to quality of work, the single-rotor hay rakes are the equal of any large model: Clean raking – even on slopes – is guaranteed. The hay rake closely follows the tractor's wayline thanks to the headstock with trailing device, and the swath shot on the right-hand side gives you a constant view of the results of your work.

#### A compact powerhouse

Despite their compact size, the Fendt Former singlerotor hay rakes have a very wide chassis. This ensures
the best possible ground following, even on slopes.
A tandem axle is fitted on request to improve the
ground clearance and stability once more. The
longitudinal tilt is adjusted using the tractor's lower link
or the height of the feeler wheel. The diagonal tilt is
adjusted via the
screw.

#### Simple swath-width adjustment

The swath width is easily determined by the position of the swath cloth. This can be steplessly and conveniently adjusted in the position. When you change from transport to operating mode, the cloth simply folds up or down. The spring-balanced swath cloth and hoop guard makes it easy. On request, the swath cloth even folds out hydraulically and therefore conveniently from the operator's seat.

	Former 351 DN	Former 391 DN	Former 400 DN	Former 426 DN	Former 456 DN
Working width	3,60 m	3,80 m	3,85 m	4,20 m	4,50 m
Number Tine arms per rotor	10	10	10	12	12

The operating depth can be adjusted quickly and easily using the linear height adjustment.



The wide track and tandem axles ensure quiet running even at high operating speeds.



The swath width can be quickly and steplessly adjusted using the spring-retained swath cloth.

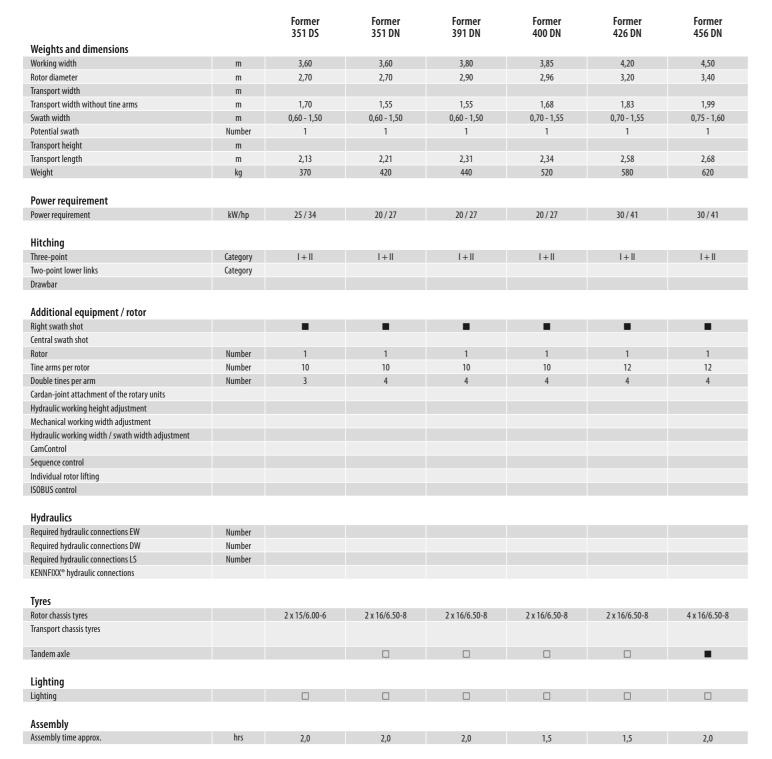




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#### FENDT FORMER HAY RAKES

## Technical Specifications.





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Former 1502	Former 1402	Former 1452	Former 1603	Former 7850	Former 7850 PRO	Former 671	Former 801	Former 880
3,60 - 6,30 / 7,00	5,75 / 6,65	5,80 / 6,70	6,60 / 7,70	7,80 / 8,40	7,80 / 8,40	5,80 - 6,60	6,80 - 7,60	7,20 - 8,00
2,96	2,74 / 2,78	2,78	3,20	3,60	3,60	2,74	3,20	3,40
3,00	2,65	2,65	3,00	2,80	2,96	2,75	2,98	2,98
2,30								
0,60 - 1,90	0,60 - 1,90	0,60 - 1,90	0,60 - 1,90	0,60 - 1,90	0,60 - 1,90	1,20 - 1,80	1,20 - 2,00	1,20 - 2,00
1/2	1/2	1/2	1/2	1/2	1/2	1	1	1
2,80	3,00 / 3,60	3,00 / 3,60	3,65	3,60	3,60	3,18 / 3,70	3,55	3,65
8,45	6,65	6,65	7,45	8,50	8,54	4,66	5,33	5,33
1380	1550	1580	2100	2400	2450	1350	1875	1900
33 / 45	19 / 26	19 / 26	30 / 41	44 / 60	44 / 60	19 / 26	30 / 41	35 / 48
	I + II	1+11	1+11	II	II	1+11	1+11	1+11
	1111	1111	111	"	"	1111	1111	1111
•	•	•	•	•	•		•	
2	2	2	2	2	2	2	2	2
12 / 12	10 / 12	12 / 12	12 / 12	13 / 13	13 / 13	10 / 10	12 / 12	12 / 12
4	4	4	4/5	4/5	4/5	4	4	4
4	4	<b>4</b>			4/3	4	4	4
-		•	•	•	-	•	•	
					-	_	_	_
_						•		
				_	_			
_	_	_	_	-	-			
•	•	•	•	•				
1	1	1	1			1	1	1
1				1*	1*			
•				•	•			
18/8.50-8	2 v 16/6 EN 0	2 v 16/6 EN 0	4 x 16/6.50-8	6 v 16/6 ED 0	6 v 16/6 EN 0	2 v 16 /6 EO 0	4 x 16/6.50-8	6 x 16/6.50
10/0.30-0	3 x 16/6.50-8	3 x 16/6.50-8		6 x 16/6.50-8	6 x 16/6.50-8	3 x 16/6.50-8		
	10.0/75-15.3	10.0/75-15.3	260/70-15.3; (10.0/75-15.3)	300/80-15.3; (11.5/80-15.3)	380/55-17	10.0/75-15.3	10.0/75-15.3	10.0/75-15
	•		•	•		•	•	

#### FENDT FORMER HAY RAKES

## Technical Specifications.

		Former 8055 PRO	Former 10065	Former 10065 PRO	Former 12545	Former 12545 PRO	Former 14055 PRO
Weights and dimensions							
Working width	m	7,20 - 8,00	8,80 - 10,00	8,80 - 10,00	10,0 - 12,50	10,0 - 12,50	11,50 - 14,00
Rotor diameter	m	3,40	4,20	4,20	3,20	3,20	3,60
Transport width	m	2,98	2,87	2,87	2,98	2,98	2,99
Transport width without tine arms	m						
Swath width	m	1,20 - 2,00	1,30 - 2,20	1,30 - 2,20	1,20 - 2,20	1,20 - 2,20	1,30 - 2,60
Potential swath	Number	1	1	1	1	1	1
Transport height	m	3,78	3,85	3,85	3,65	3,65	3,99
Transport length	m	5,37	6,49	6,49	8,72	8,72	10,00
Weight	kg	2050	2900	2950	4420	4650	6000
Power requirement							
Power requirement	kW/hp	35 / 48	51 / 70	51 / 70	59 / 80	59 / 80	96 / 130
Hitching							
Three-point	Category						
Two-point lower links	Category	l + II	II	II	II	II	+
Drawbar							
Additional equipment / rotor							
Right swath shot							
Central swath shot							_
Rotor	Number	2	2	2	4	4	4
Fine arms per rotor	Number	12 / 12	15 / 15	15 / 15	4 x 12	4 x 12	4 x 13
Double tines per arm	Number	4	5	5	4	4	4/5
Cardan-joint attachment of the rotary units	Nullibei	•	, 	,	4	4	4/3
Hydraulic working height adjustment			-	-	-		
Mechanical working width adjustment				-		-	_
Hydraulic working width / swath width adjustment							
CamControl		Ш	•	-		•	_
Sequence control							
·					-	- :	_
Individual rotor lifting ISOBUS control				•		-	
130B03 COILLIOI						-	-
Hydraulics	N. I	1	1				
Required hydraulic connections EW	Number	1	1	1	2**		
Required hydraulic connections DW	Number		1	1	2**		
Required hydraulic connections LS	Number				_	1	1
KENNFIXX® hydraulic connections				•	•		
Tyres							
Rotor chassis tyres		6 x 18/8.50-8	6 x 18/8.50-8	6 x 18/8.50-8	16/6.50-8	16/6.50-8	16/6.50-8
Transport chassis tyres		300/80-15.3; (11.5/80-15.3)	300/80-15.3	380/55-17	500/50-17	500/50-17	500/45-22.5
Tandem axle							
Lighting							
Lighting			-	•	•	•	
Assembly							
Assembly time approx.	hrs	10,0	6,0	6,0	1,0	1,0	1,0
,FL		10,0	0,0	0,0	1,0	1,0	1,0

DN = Three-point headstock with trailing device, DS = Rigid three-point headstock, \* = Float position required, \*\* = of these, 1x double-acting with float position is required, Number of required hydraulic connections may vary depending on the additional equipment of the position of the connection of the position of the position of the connection of the position of the position

## Safety and service non-stop.

### Contact Fendt.

#### What does the Fendt Service feature?

For us, service means knowing and understanding your work in order to meet your demands for reliability and safety and to act in your economic interest. We stand behind our products and have developed them for the highest demands and long-term operation. Our service is the partnership aspect for your work.

What does Fendt full-line stand for?
In addition to leading tractors and harvesters,
we now also offer our customers forage
harvesting machinery to Fendt quality
standards. We now offer a seamless agricultural
machinery portfolio, including Fendt's top
service, all from one trusted source.

### Which products does Fendt Forage Harvesting encompass?

Fendt forage harvesting equipment comprises high-quality rotor hay rakes (Fendt Former), twisters (Fendt Twister), drum mowers (Fendt Cutter), disc mowers (Fendt Slicer), forage wagon (Fendt Tigo), balers (Fendt round balers and square balers), and forage harvesters (Fendt Katana). All implements are perfectly matched to the Fendt tractors and are just as convincing in combination with third-party tractors.

### Where does Fendt forage harvesting equipment come from?

The Fendt forage harvesting machinery is built in the AGCO Centre of Excellence for forage harvesting technology in Feucht (Germany). It is one of six German locations and has been successful in the field of innovative agricultural machinery for 100 years now.

#### fendt.co

Find everything on line - from brochures to technical specifications, from reports about customers or our company to our Fendt event calendar.

#### Fendt Configurator

With the Fendt Vehicle Configurator, you can choose from all the available equipment variations and put together the optimally equipped vehicle for your farm.

The Fendt Configurator is available online at www.fendt.com, where you will find a quick link to it directly on the start page.

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