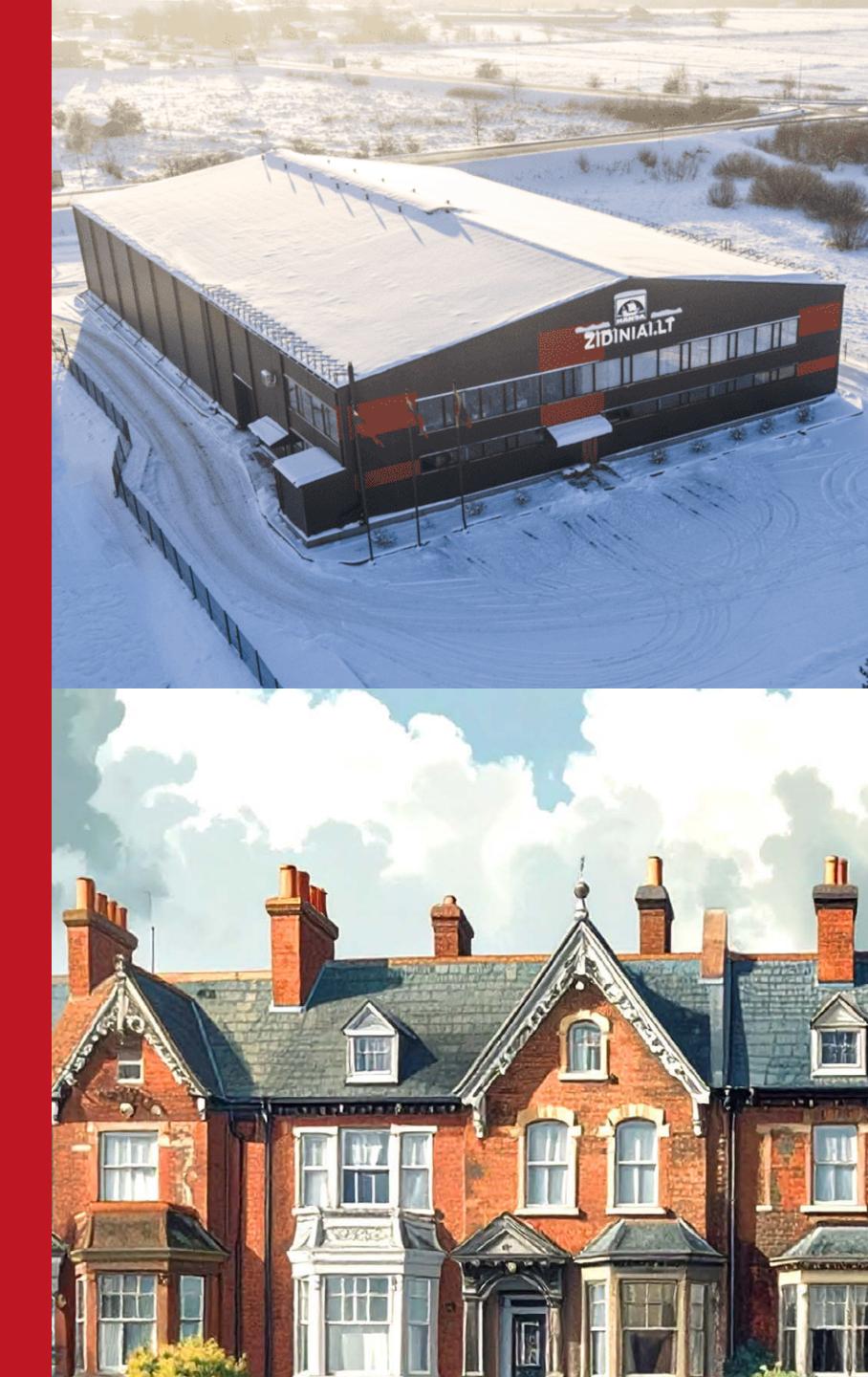






"Providing reliable chimney cleaning tools since 1999 — quality proven by time, trusted by professionals."



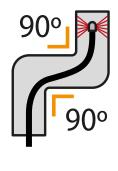


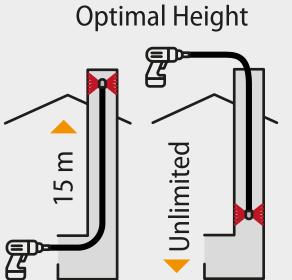


Tornado HOME



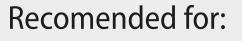


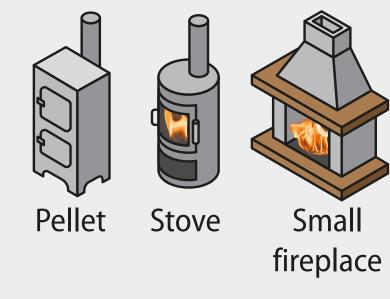






ø80 - 250 mm



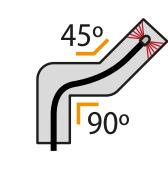


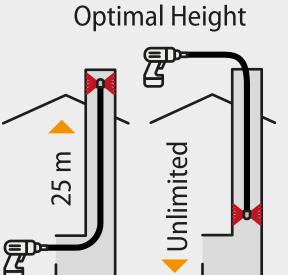
See page 7

Tornado PRO

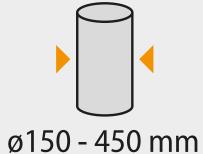




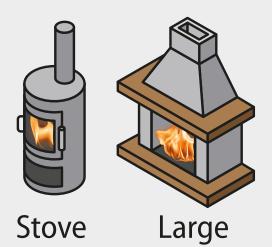




Diameter



Recomended for:



fireplace

See page 28

Tornado COBRA







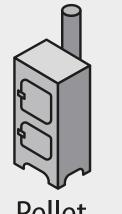
Optimal Height Unlimited

Recomended for:

Diameter

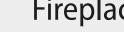


ø100 - 400 mm





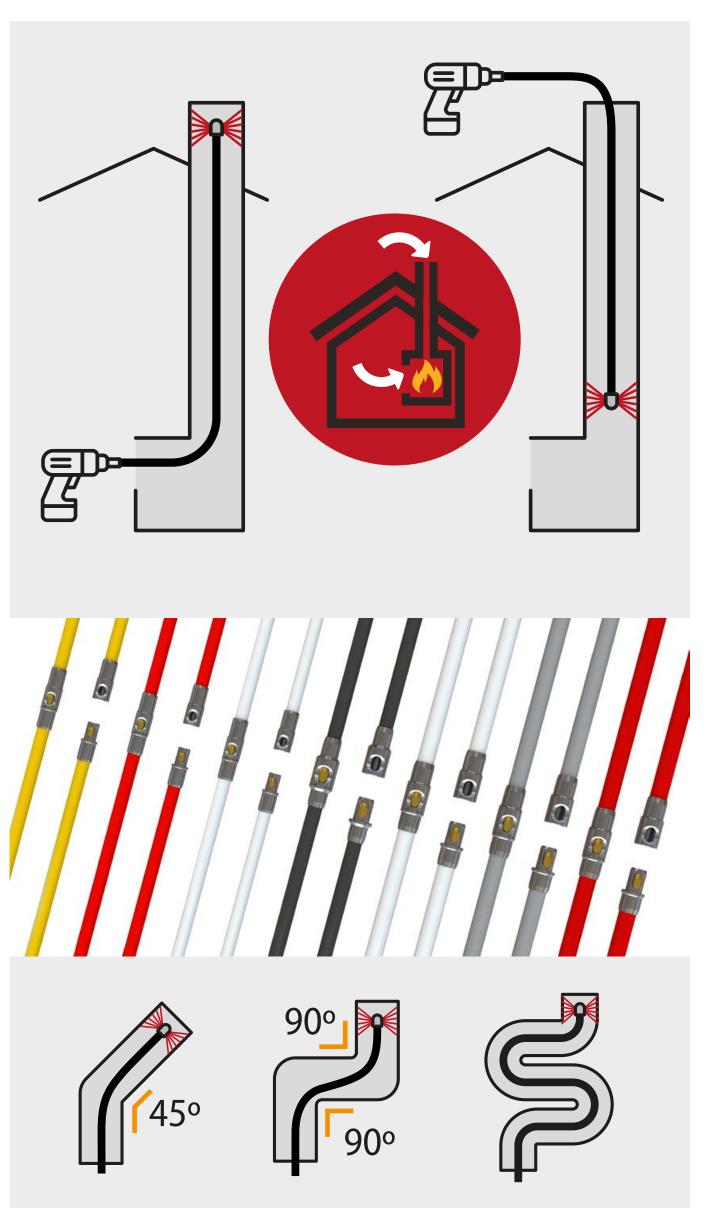




See page 52







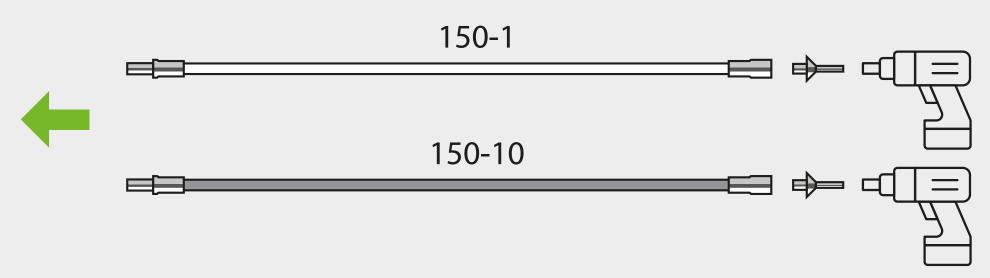


Tornado Introduction Compatibility

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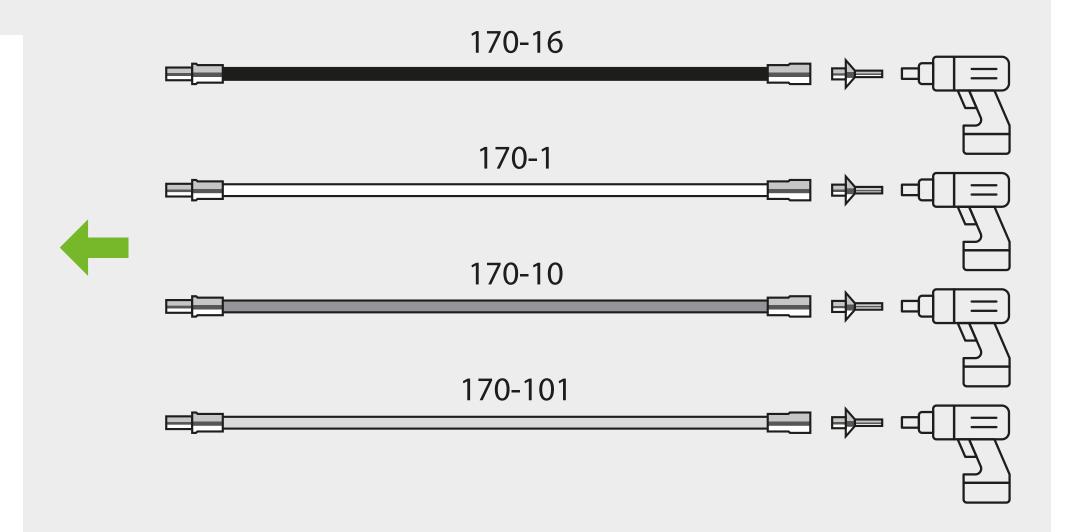
Tornado HOME





Tornado PRO

Head no: 170-XXX



Tornado COBRA



Tornado Introduction Click lock system

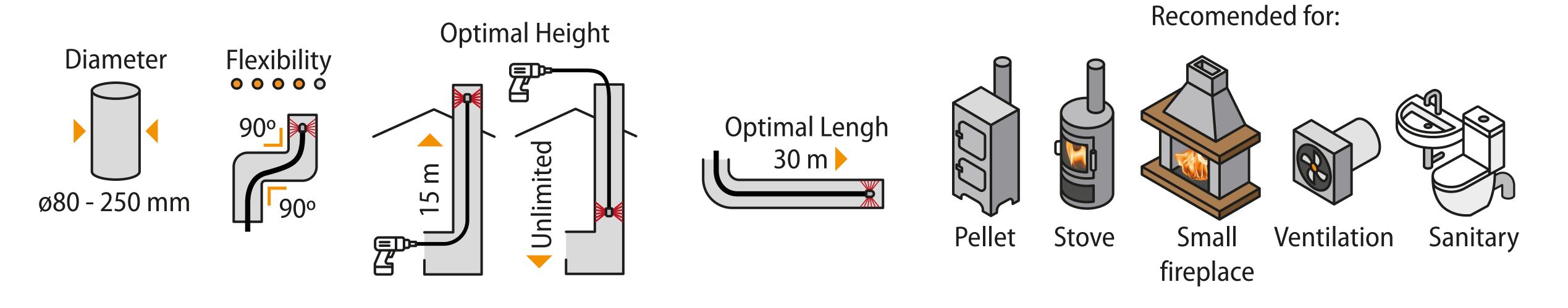






Tornado HOME

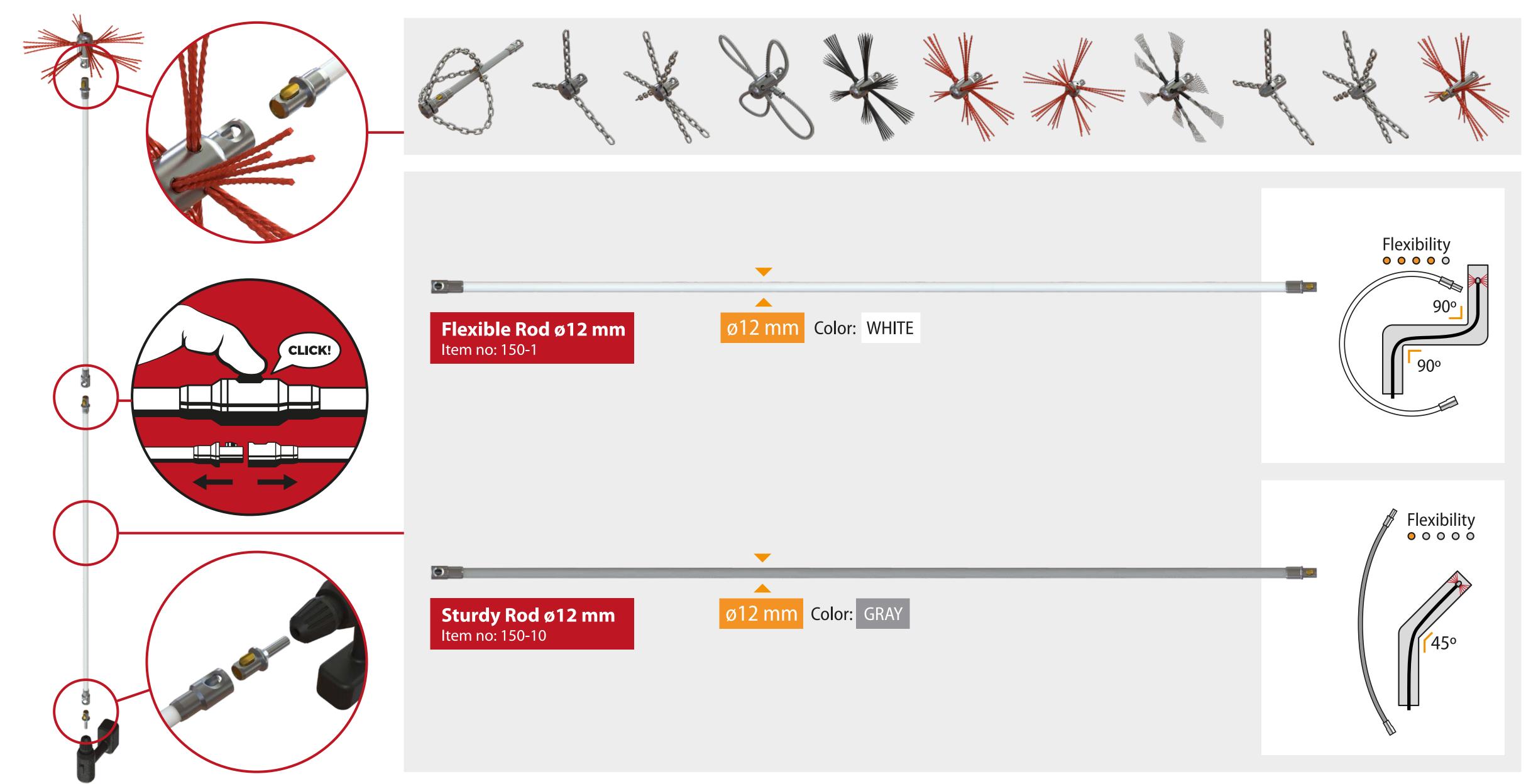




Tornado HOME | Introduction





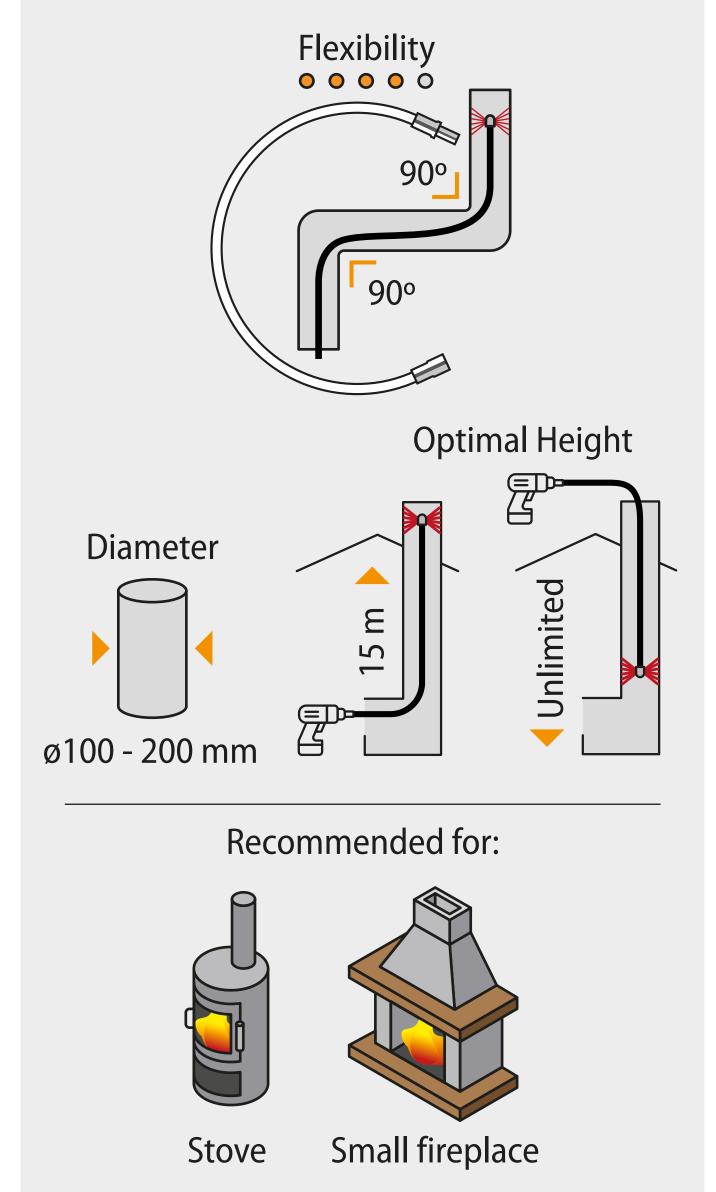


Tornado HOME | 6 meter Kit

www.hansaflame.com



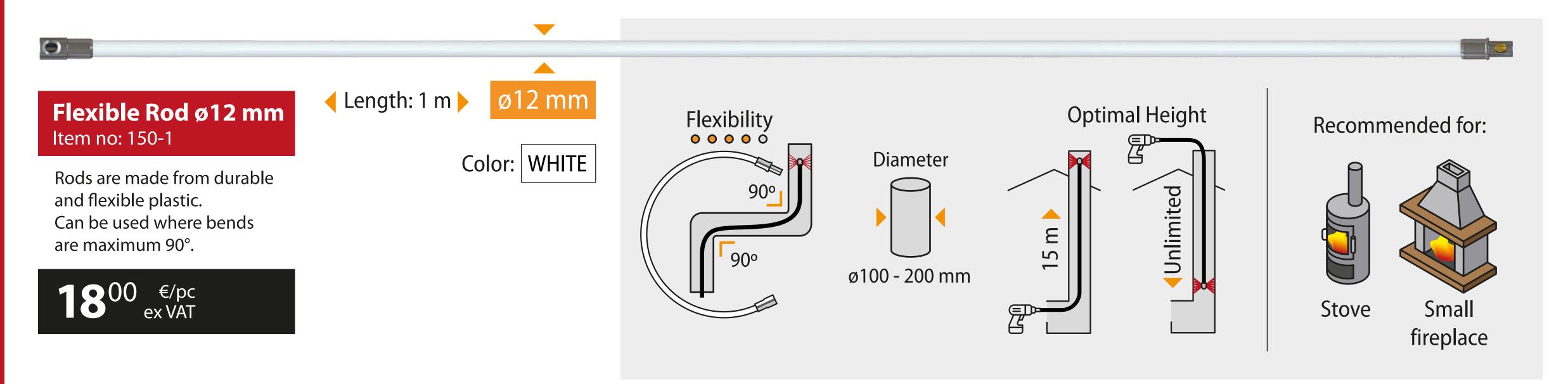


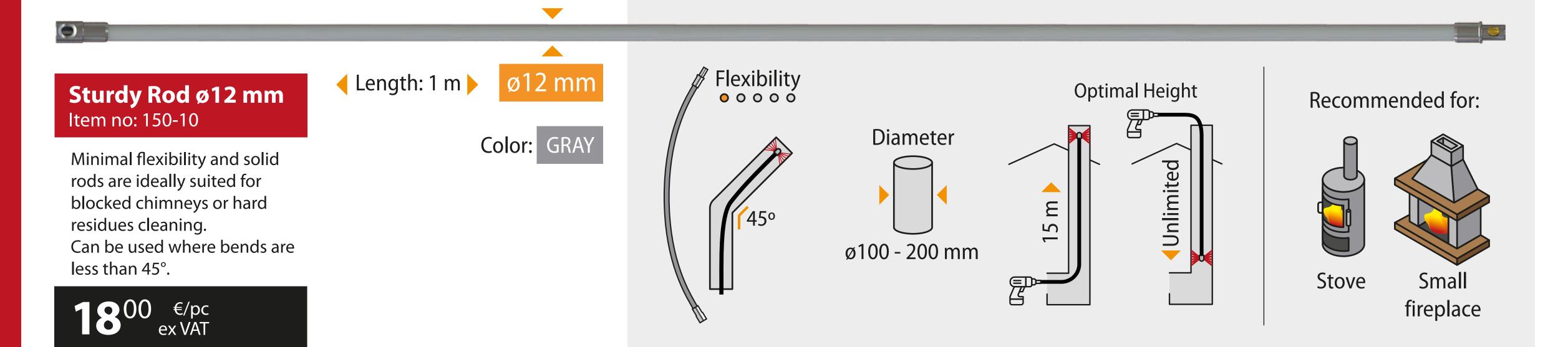


Tornado HOME Rods





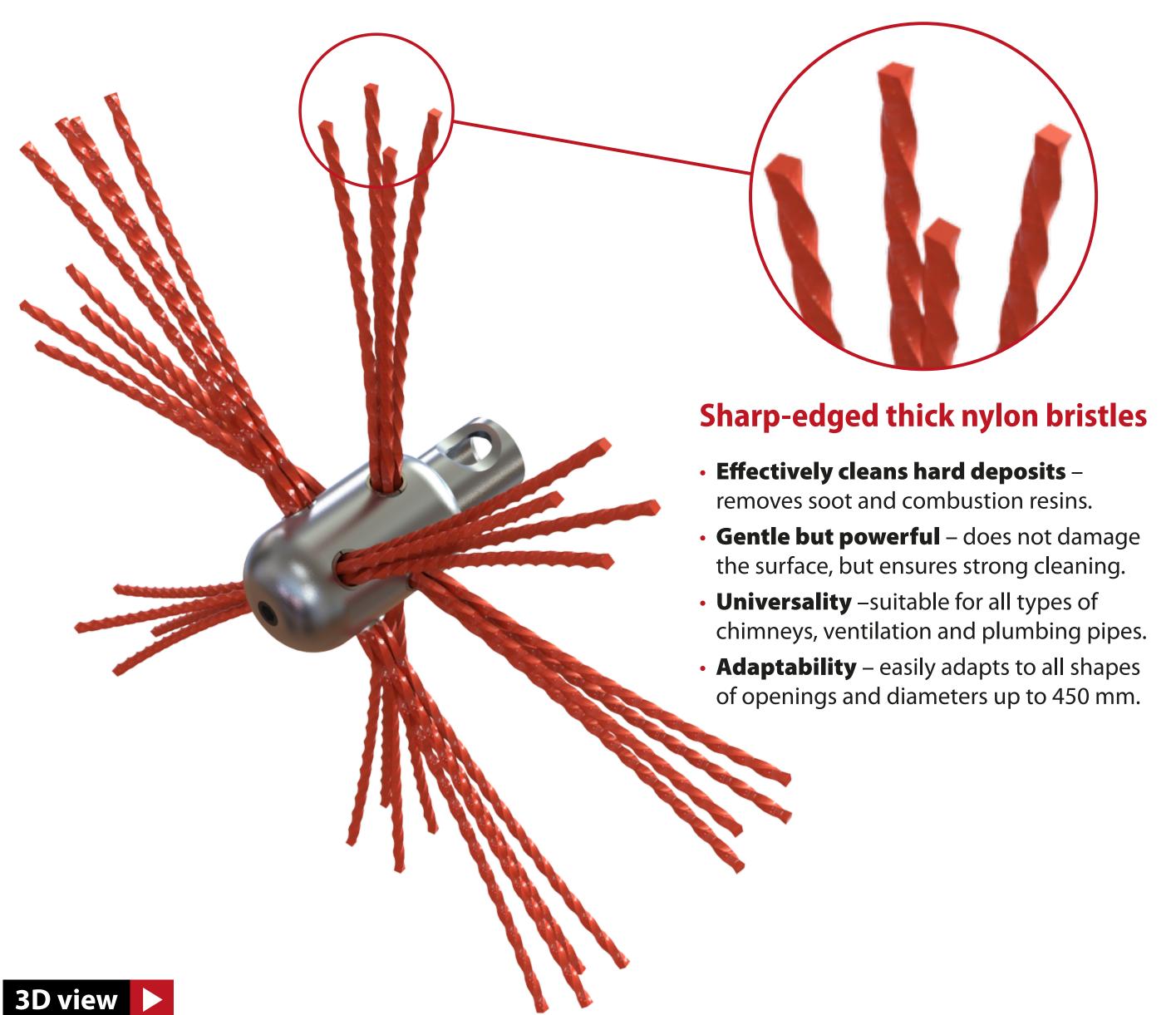


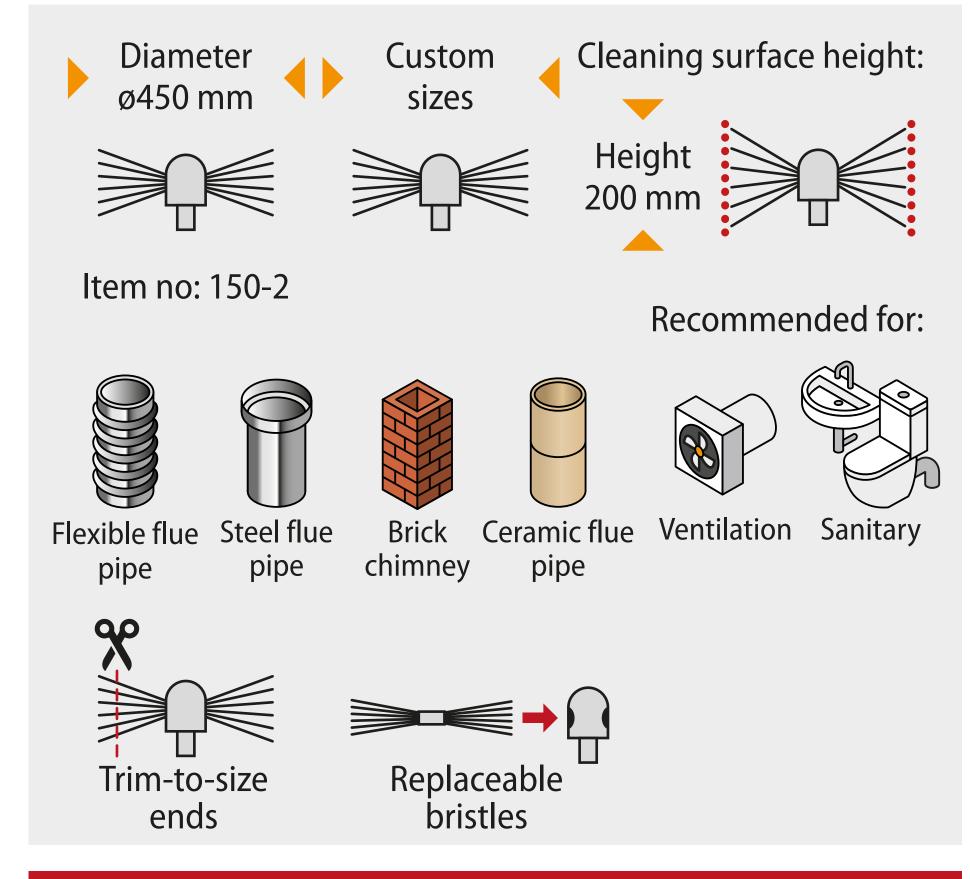


Tornado HOME | Brushes

www.hansaflame.com









Item no: 150-2 Diameter

Other dimensions can be ordered individualy

6000 €/pc ex VAT

ø450 mm

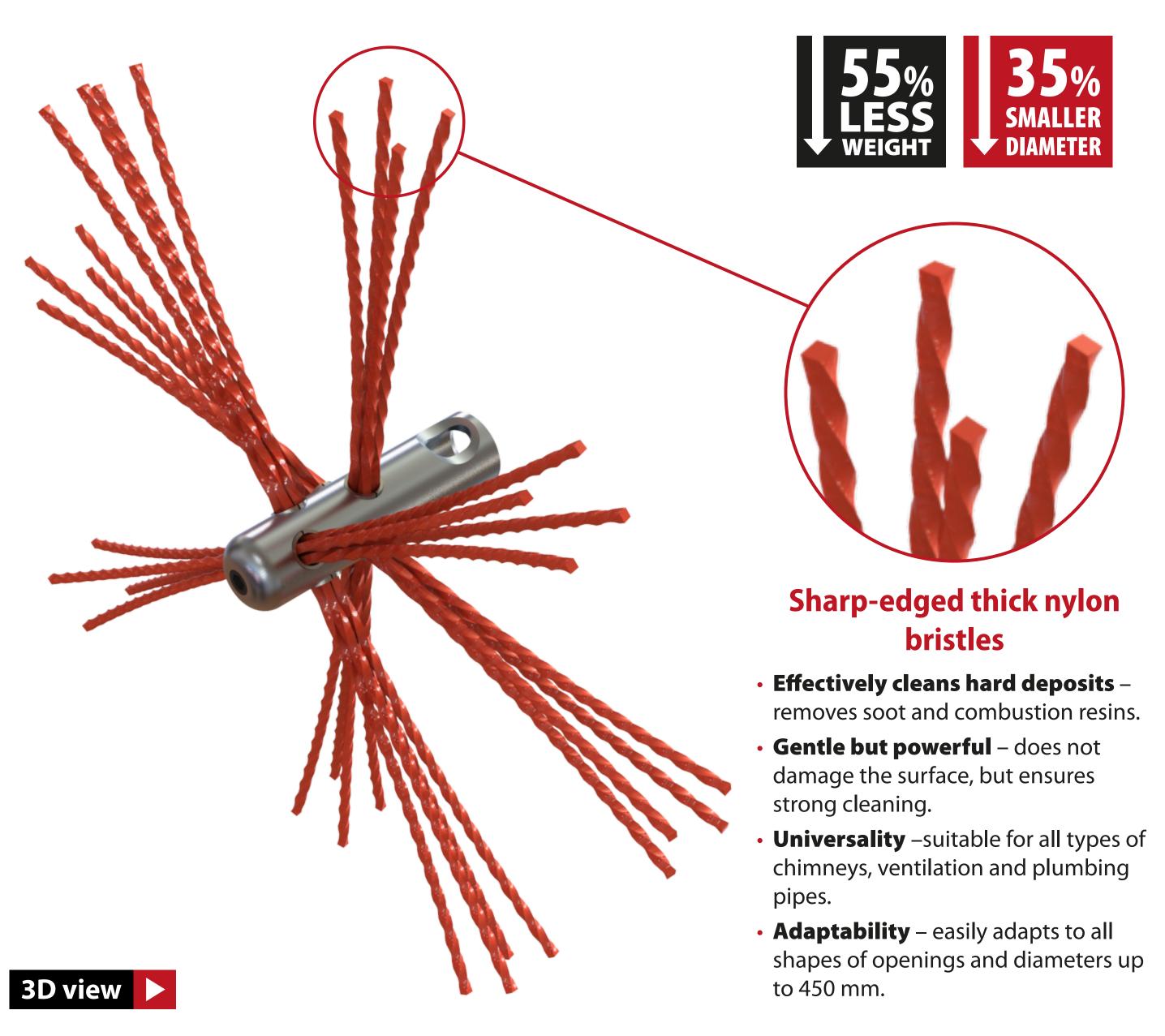
Price available upon request

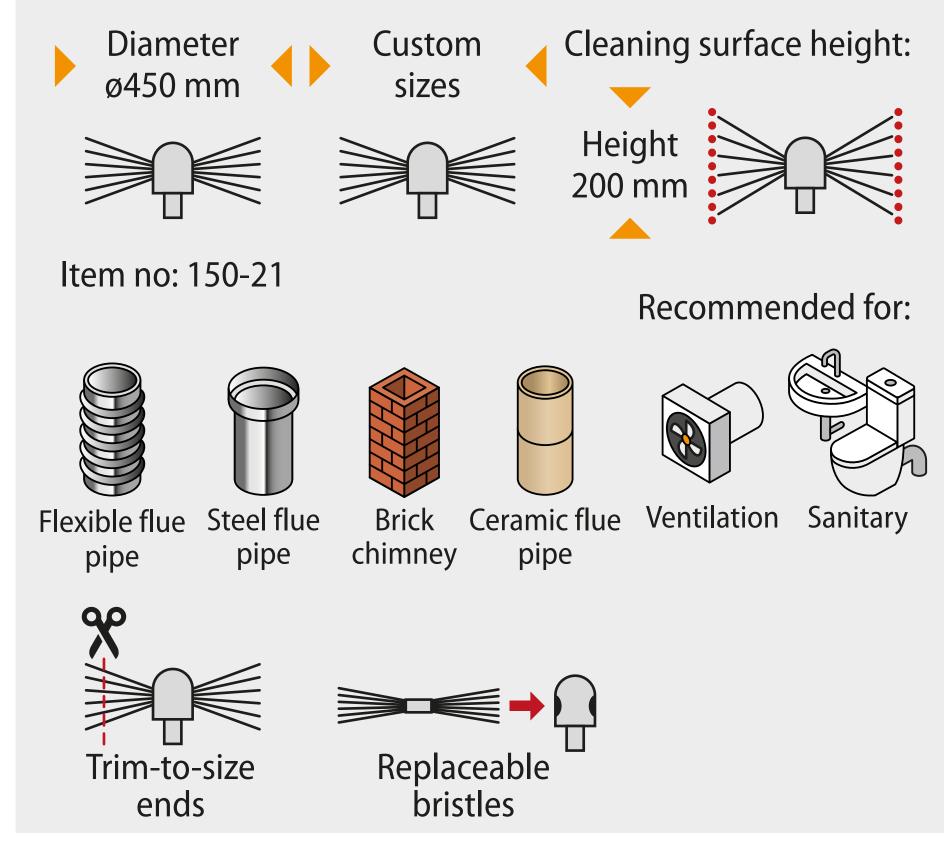


Tornado HOME Brushes

www.hansaflame.com







Tornado LIGHT universal head with nylon bristles

Item no: 150-21 Diameter ø450 mm

Other dimensions can be ordered individualy

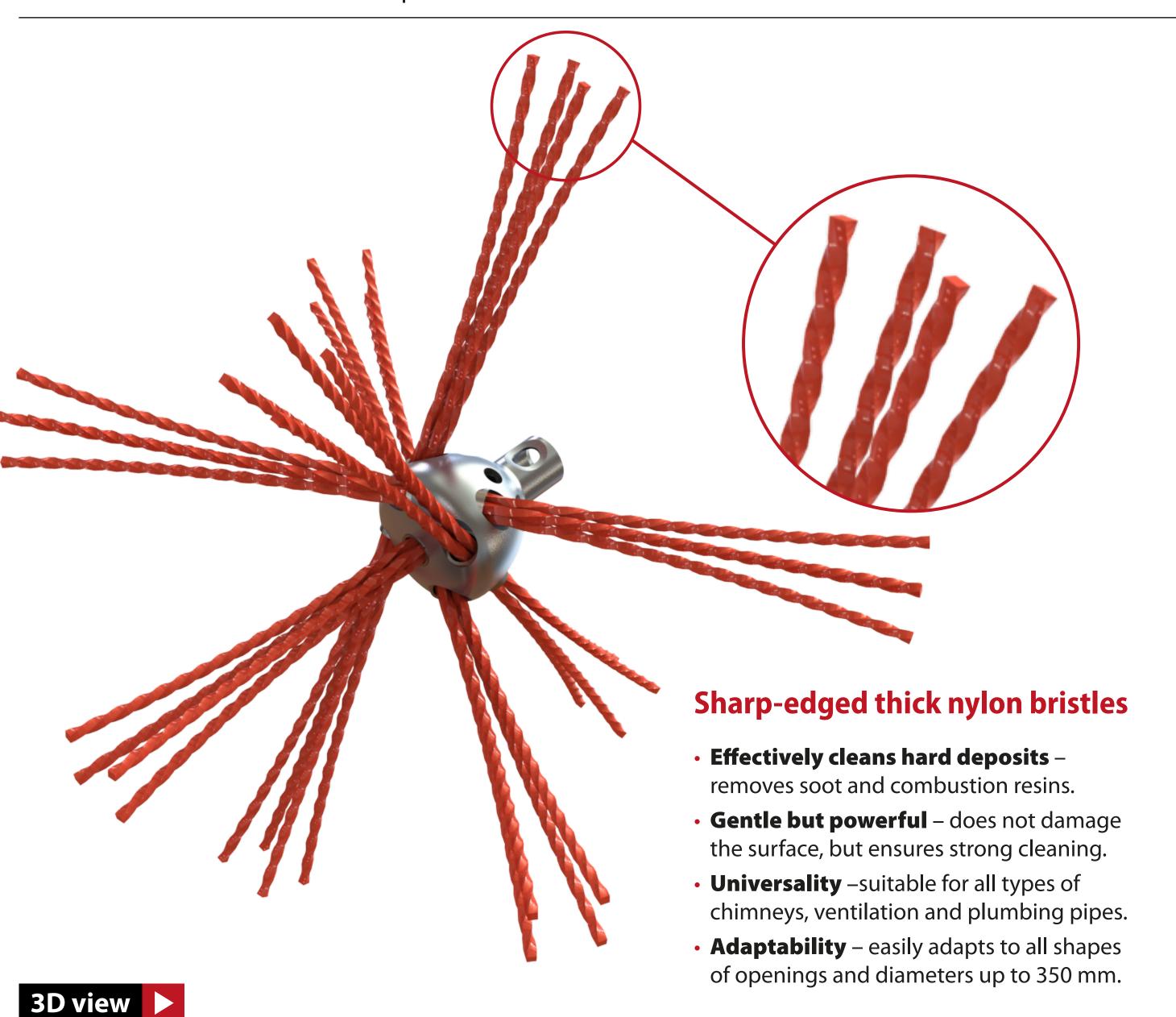
60⁰⁰ €/pc ex VAT

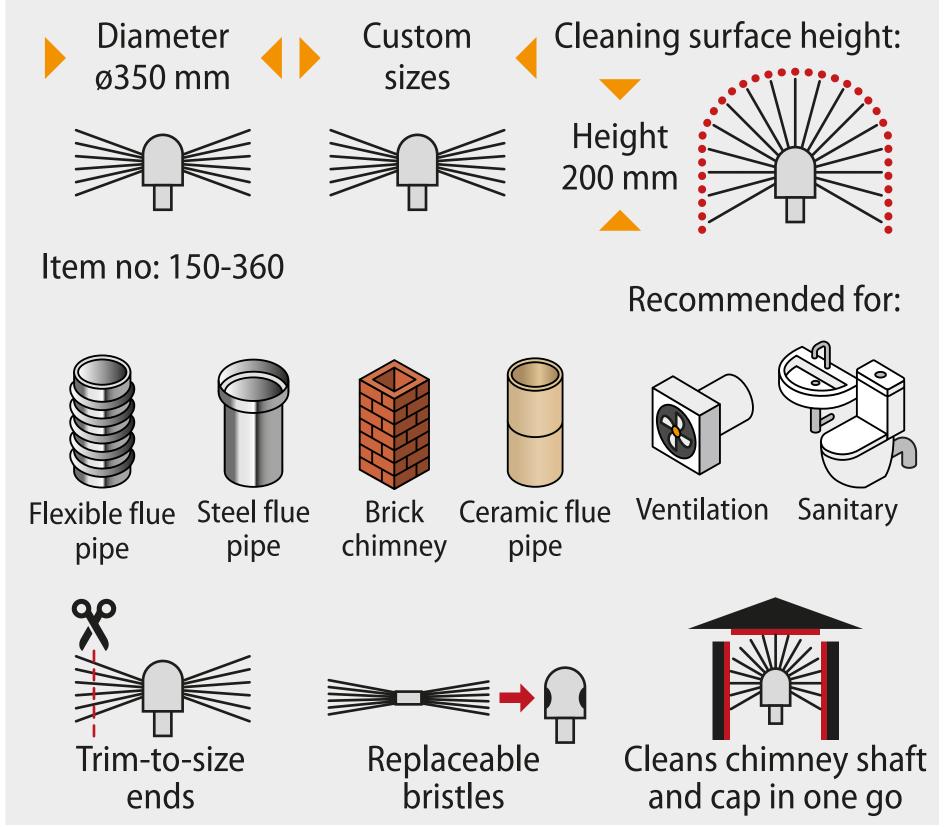
Price available upon request

Tornado HOME | Brushes

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Tornado
360 head
with nylon bristles

Item no: 150-360Diameter
ø350 mm

Other dimensions can be ordered individualy

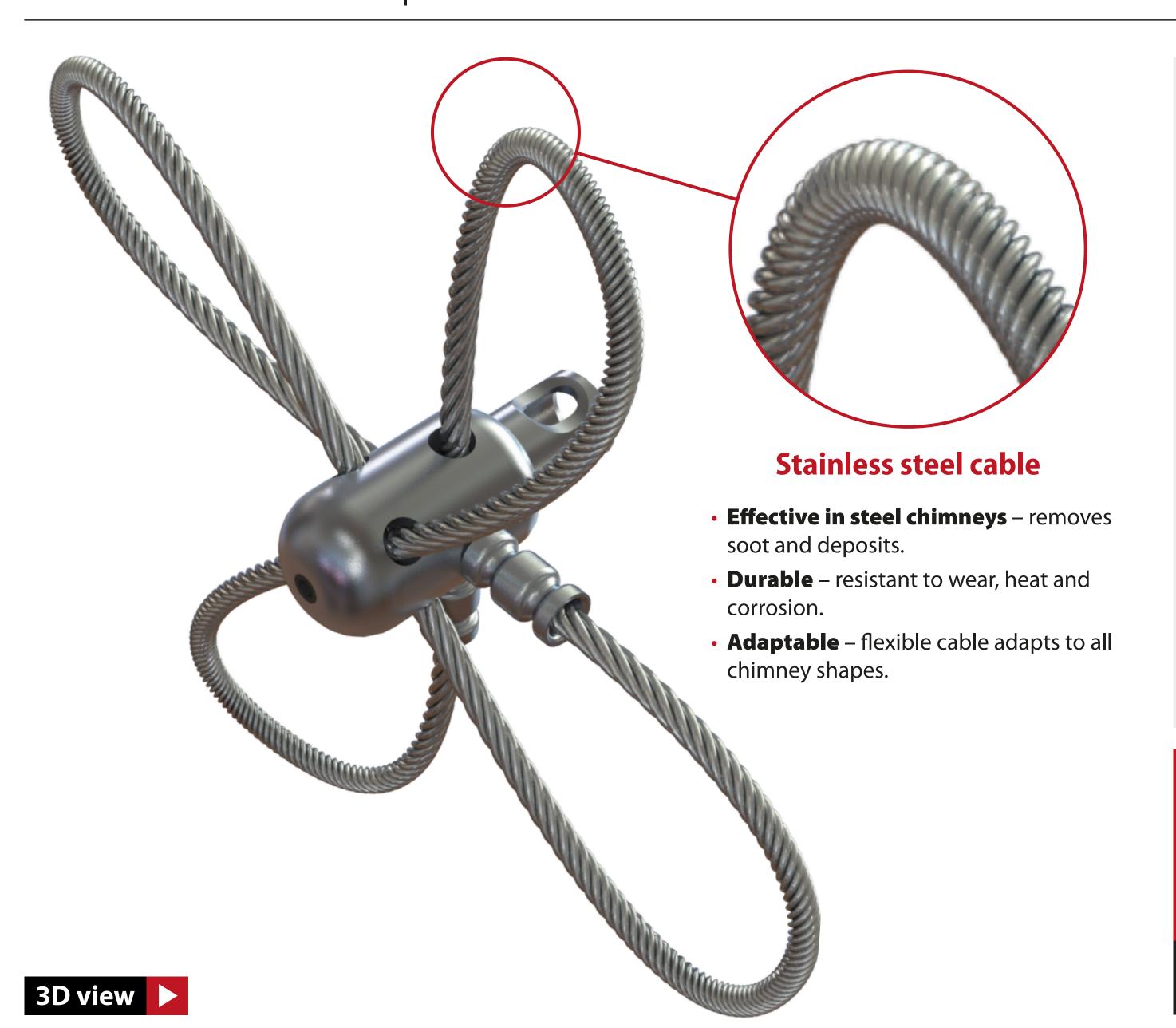
80⁰⁰ €/pc ex VAT

Price available upon request

Tornado HOME | Brushes

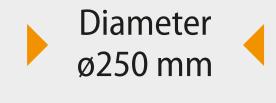








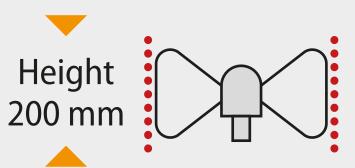
Item no: 150-3/20





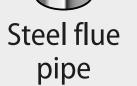
Item no: 150-3/25

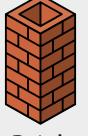
Cleaning surface height:



Recommended for:







Brick chimney pipe

Ceramic flue

Tornado head cable loop

Item no: 150-3/20 Diameter ø200 mm

150-3/25 Diameter ø250 mm

Item no:

60⁰⁰ €/pc ex VAT

Tornado HOME | Brushes

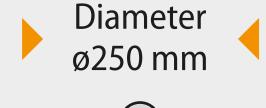
www.hansaflame.com







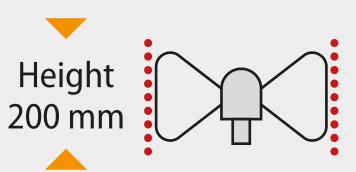
Item no: 150-31/20



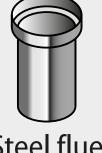


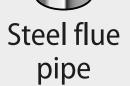
Item no: 150-31/25

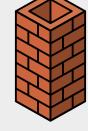
Cleaning surface height:



Recommended for:







Brick C chimney

Ceramic flue pipe

Tornado LIGHT Light head cable loop Item no: 150-31/20 Diameter ø200 mm

150-31/25Diameter
ø250 mm

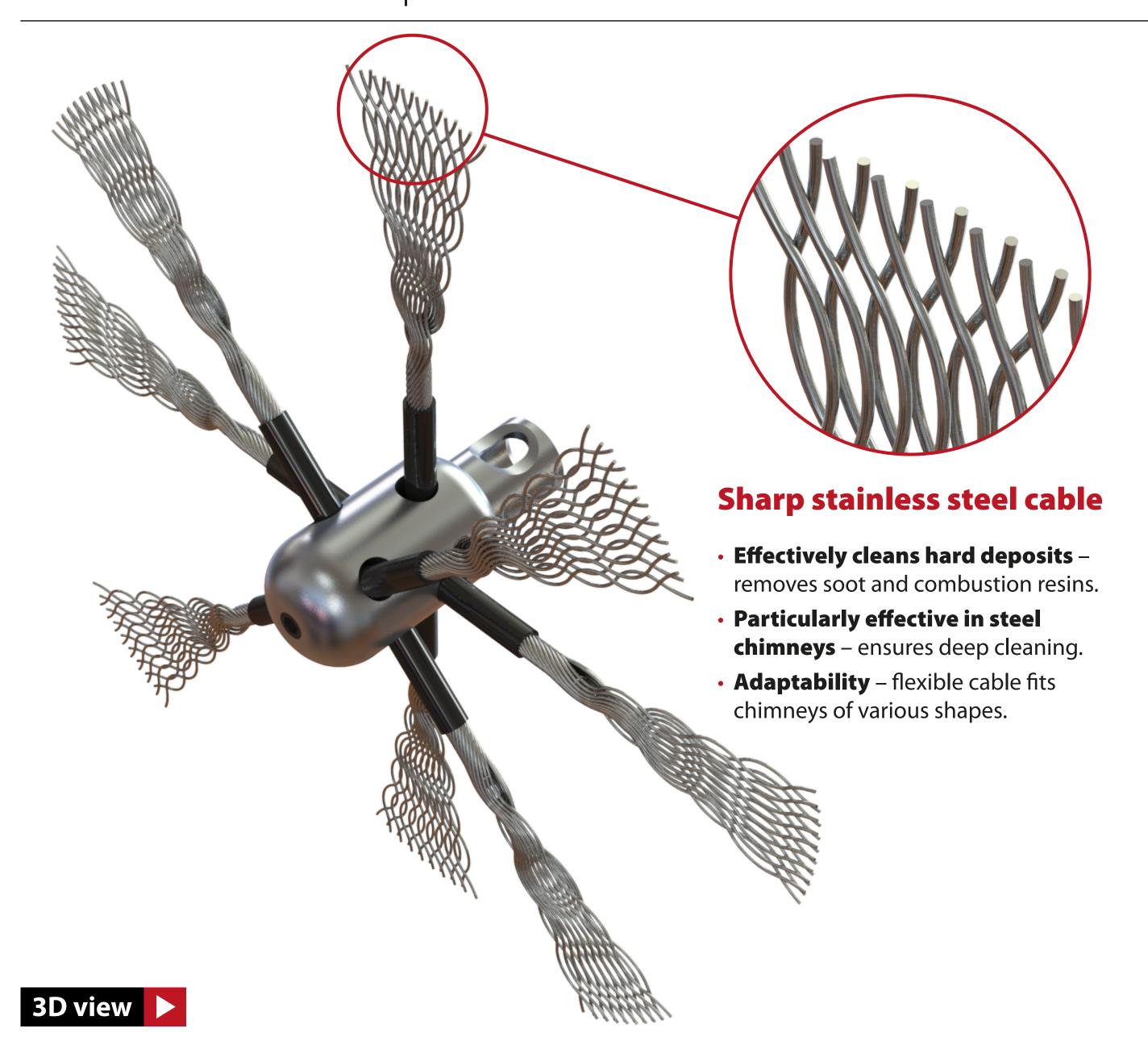
Item no:

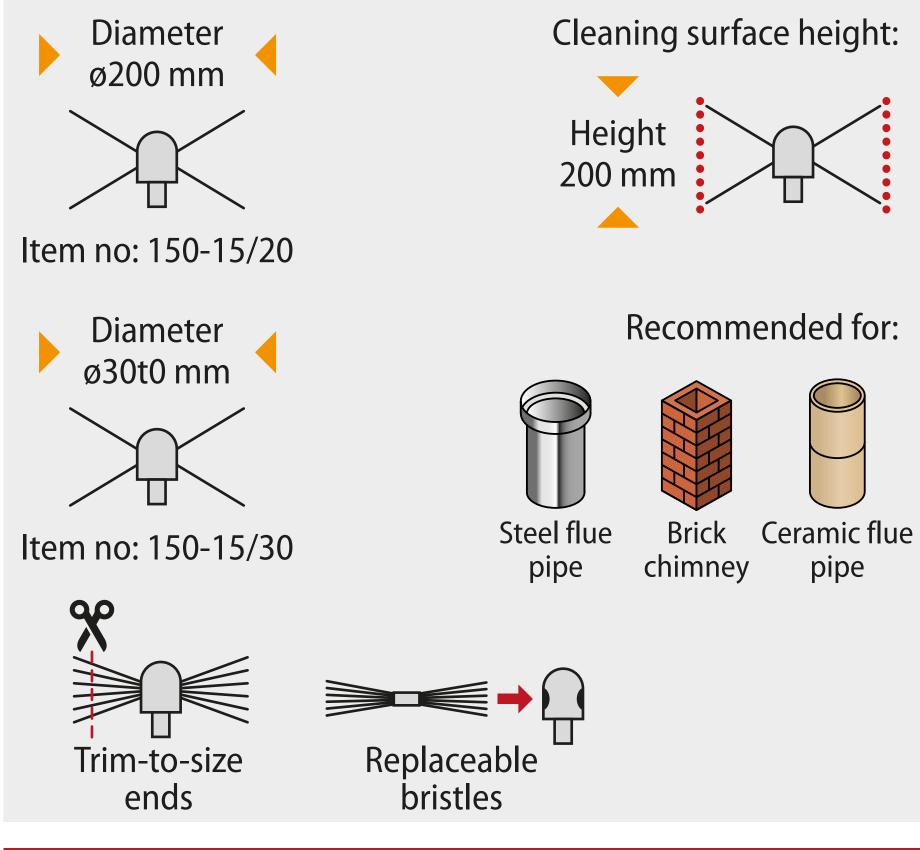
60⁰⁰ €/pc ex VAT

Tornado HOME | Brushes









Tornado head with sharp cable

Item no: 150-15/20 Diameter ø200 mm

Item no: 150-15/30 Diameter

60⁰⁰ €/pc ex VAT

70⁰⁰ €/pc ex VAT

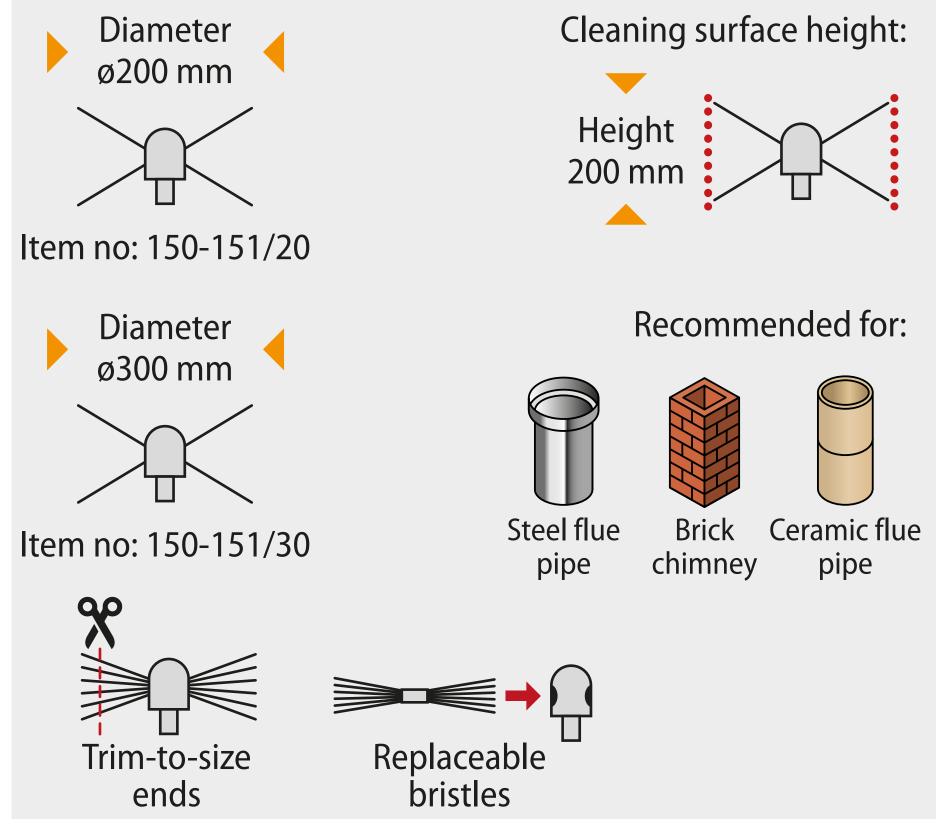
ø300 mm

Tornado HOME | Brushes

www.hansaflame.com







Item no: 150-151/20 Diameter ø200 mm

Item no: 150-151/30 Diameter ø300 mm

60⁰⁰ €/pc ex VAT

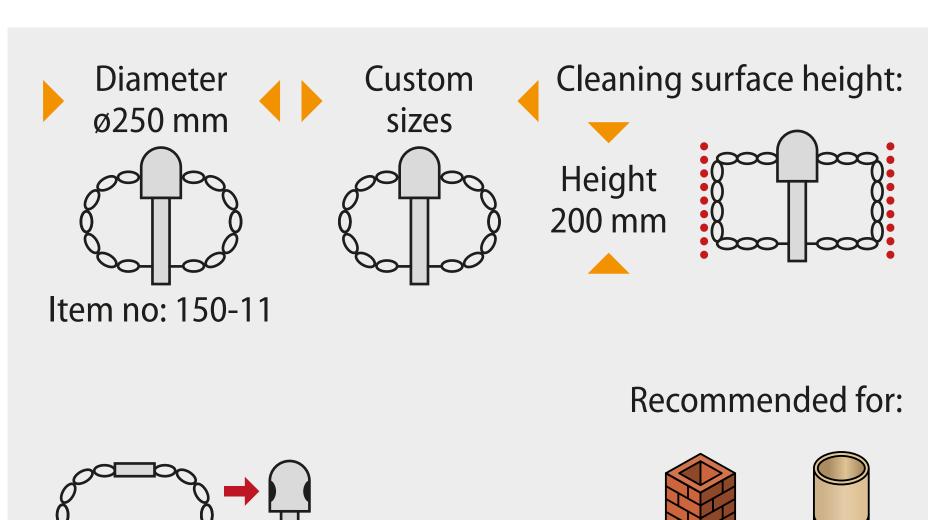
Tornado HOME | Brushes







surfaces.



Tornado head with round chain

Replaceable chain

150-11 ø250 mm

Other dimensions can be ordered individualy

Ceramic flue

pipe

chimney

100⁰⁰ €/pc ex VAT

Price available upon request

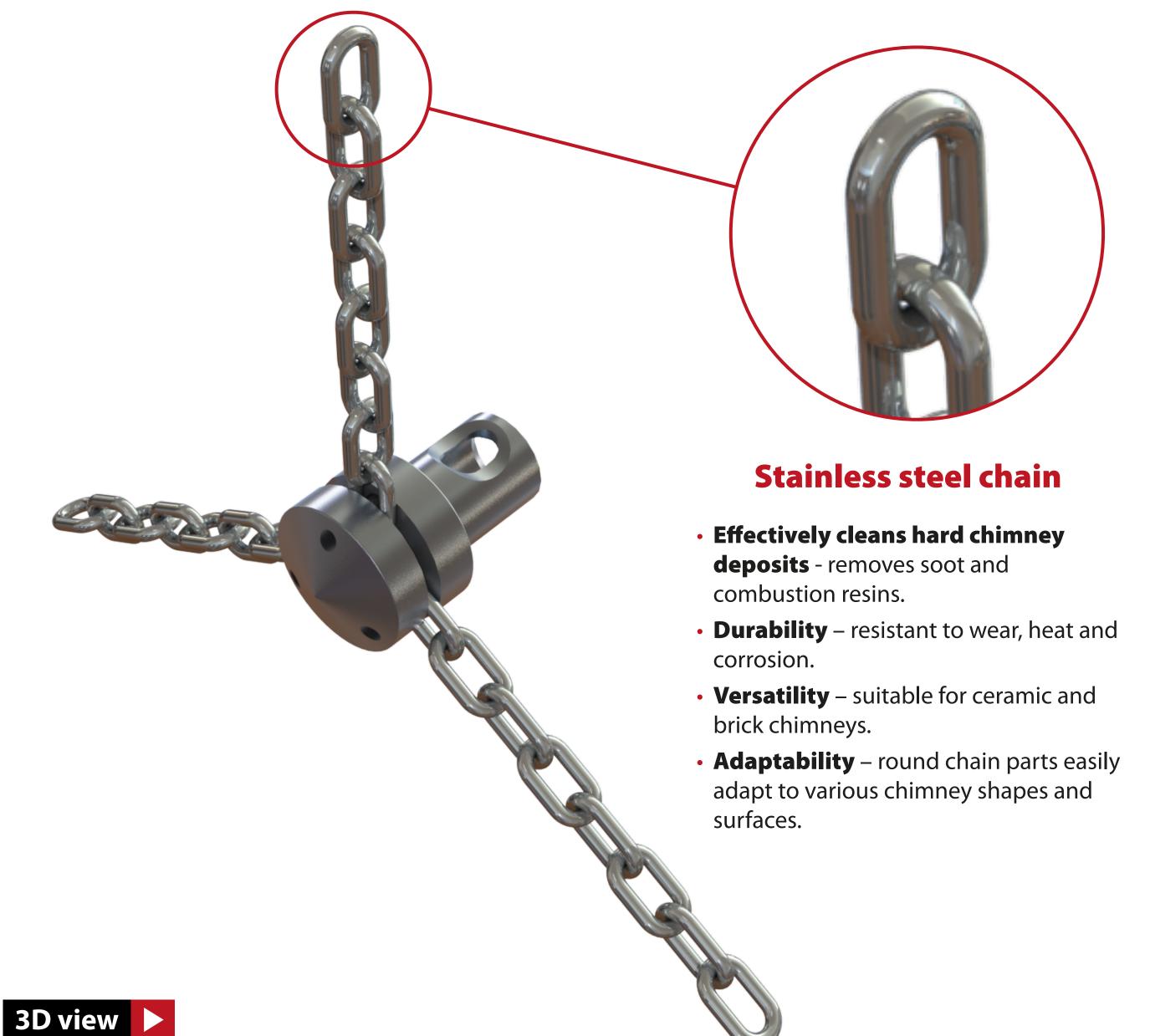
Item no: Diameter



Tornado HOME | Brushes









Item no: 150-4/20



Item no: 150-4/30

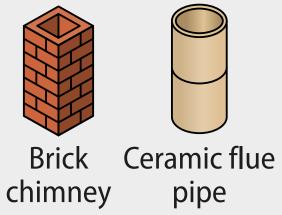


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 3 parts chain

Item no: 150-4/20 Diameter ø200 mm

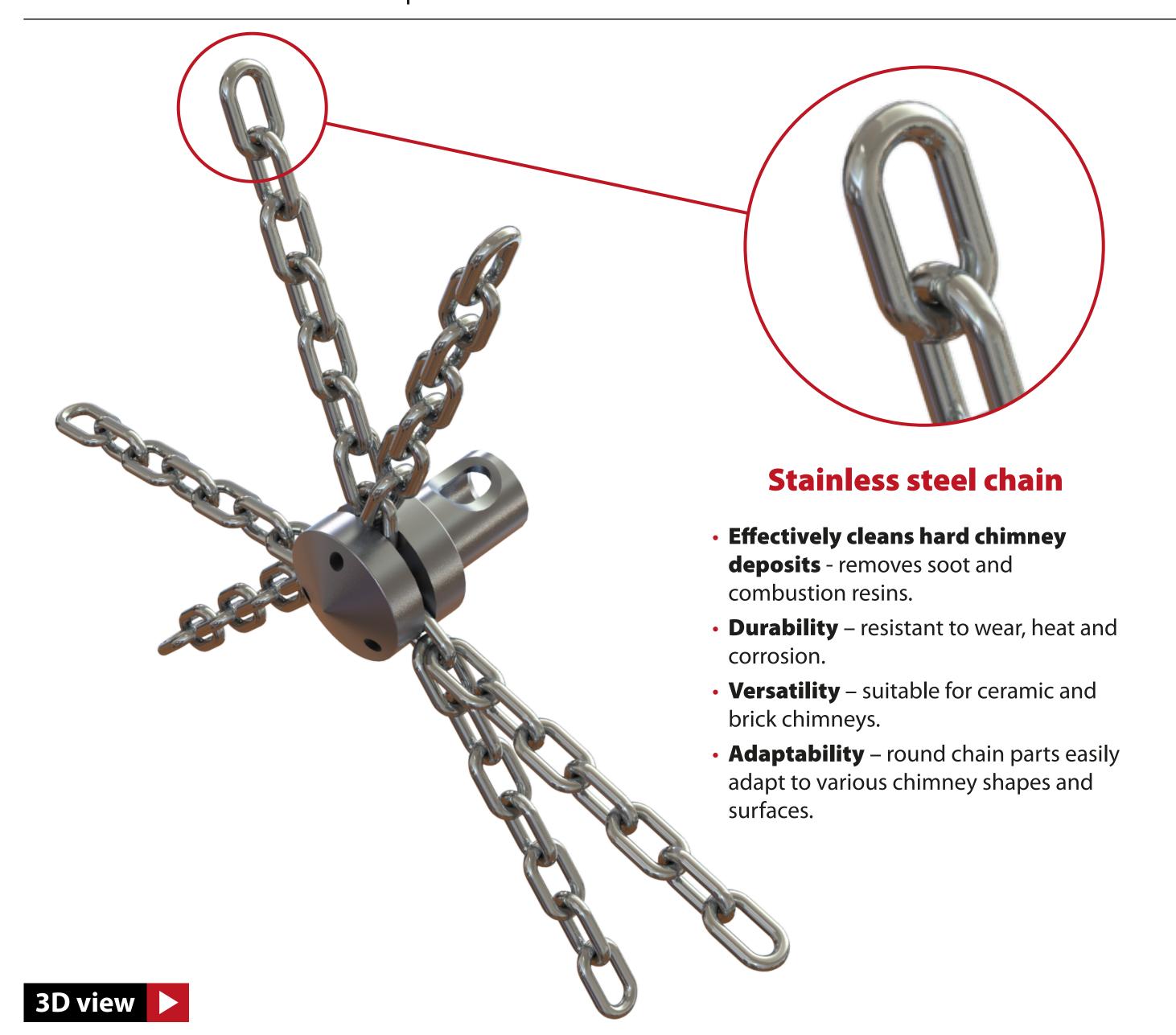
Item no: 150-4/30 Diameter ø300 mm

60⁰⁰ €/pc ex VAT

Tornado HOME | Brushes





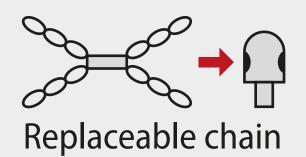




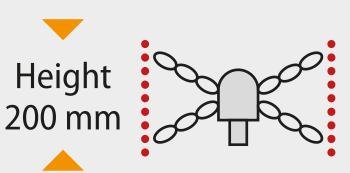
Item no: 150-42/20



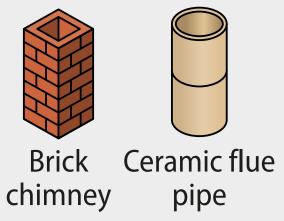
Item no: 150-42/30



Cleaning surface height:







Tornado head with 6 parts chain

Item no: 150-42/20 Diameter ø200 mm

Item no: 150-42/30 Diameter ø300 mm

70⁰⁰ €/pc ex VAT

Tornado HOME | Brushes









Item no: 150-43/20

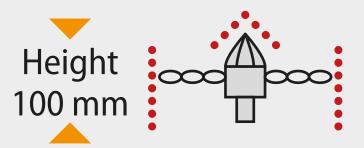


Item no: 150-43/30

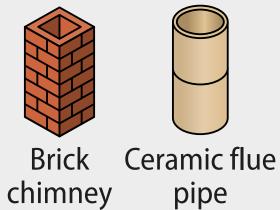


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 3 parts chain and a disruptive front part

Item no: 150-43/20 Diameter ø200 mm

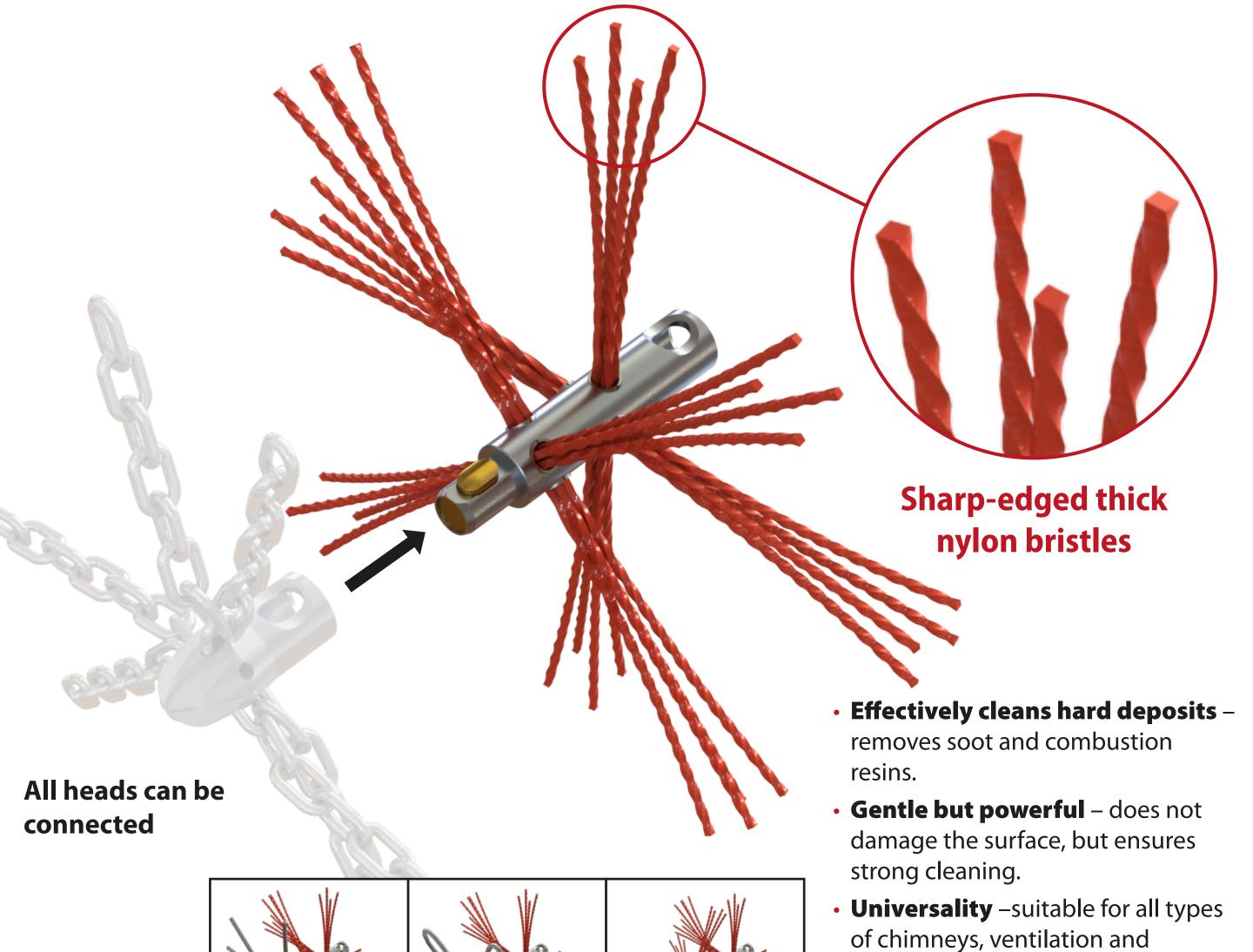
Item no: 150-43/30 Diameter ø300 mm

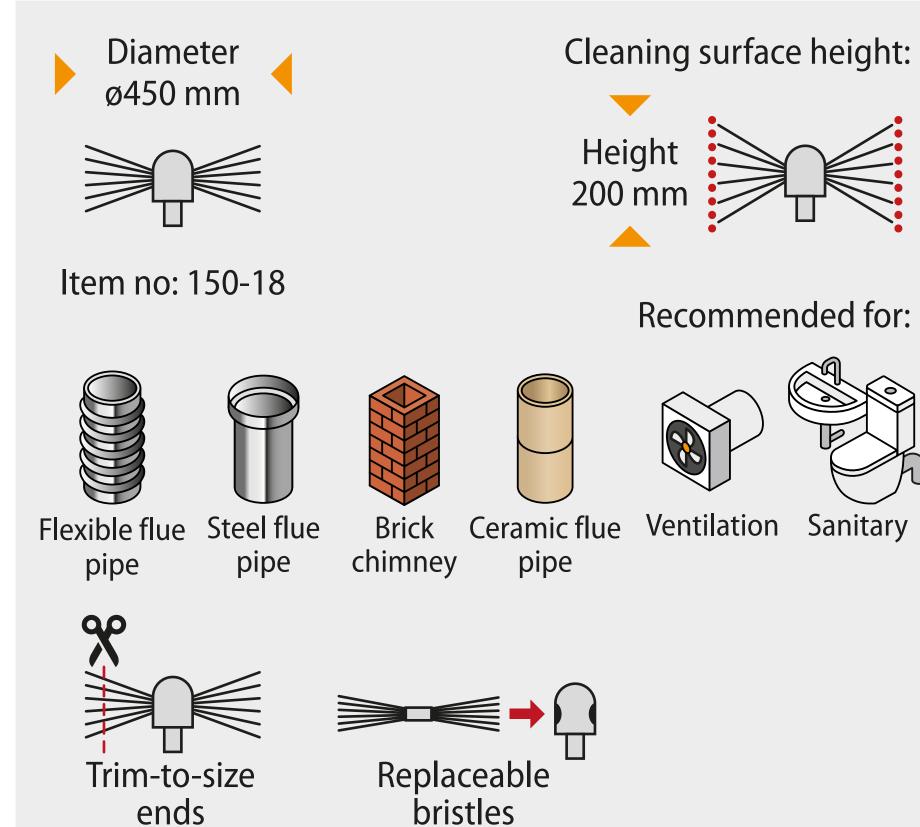
70⁰⁰ €/pc ex VAT

Tornado HOME | Brushes









Tornado COMBO brush with nylon bristles.

Additional part for all the heads.

Item no: 150-18 Diameter ø450 mm

6000 €/pc ex VAT

plumbing pipes. **Adaptability** – easily adapts to all shapes of openings and diameters

up to 450 mm.

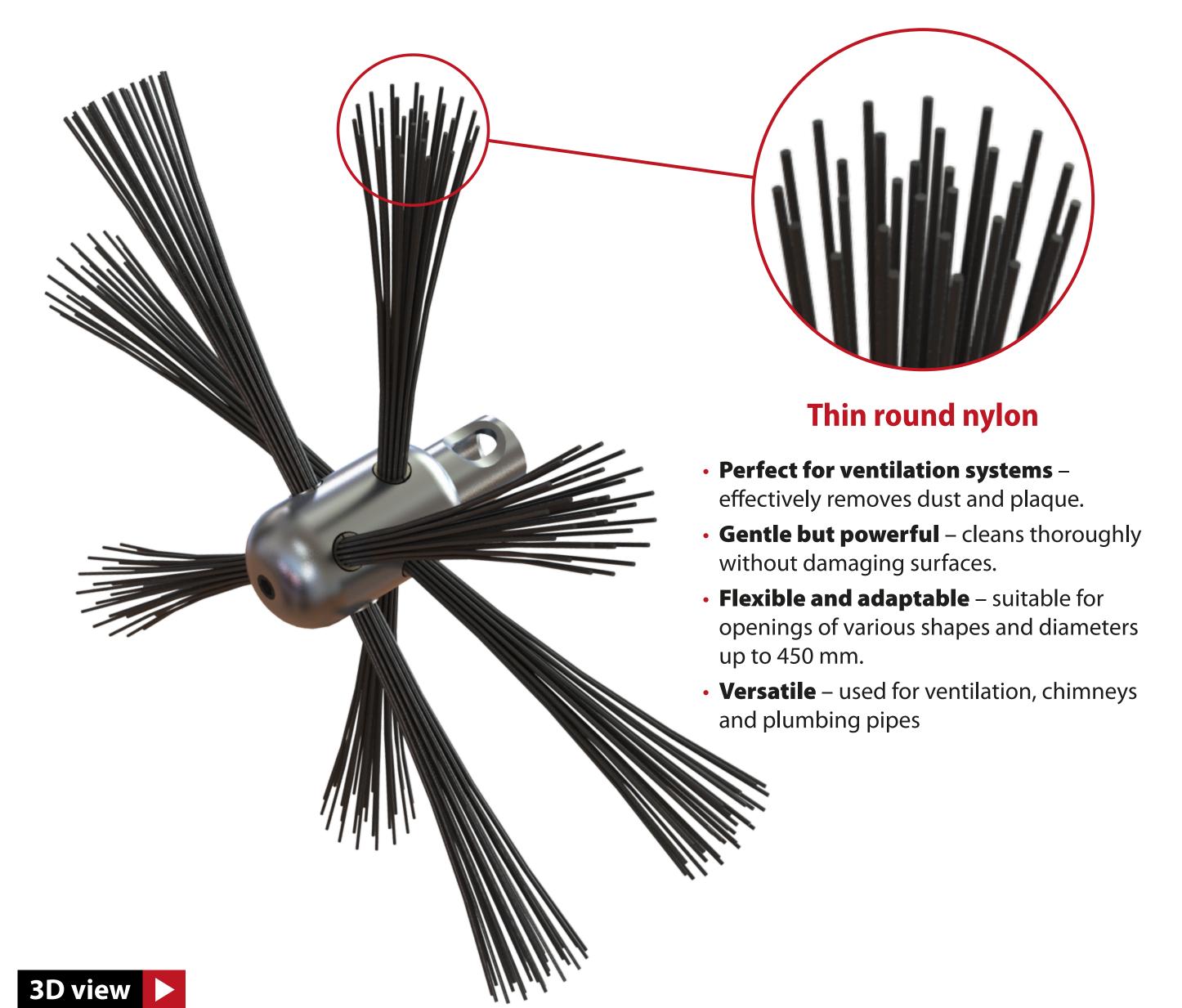
3D view

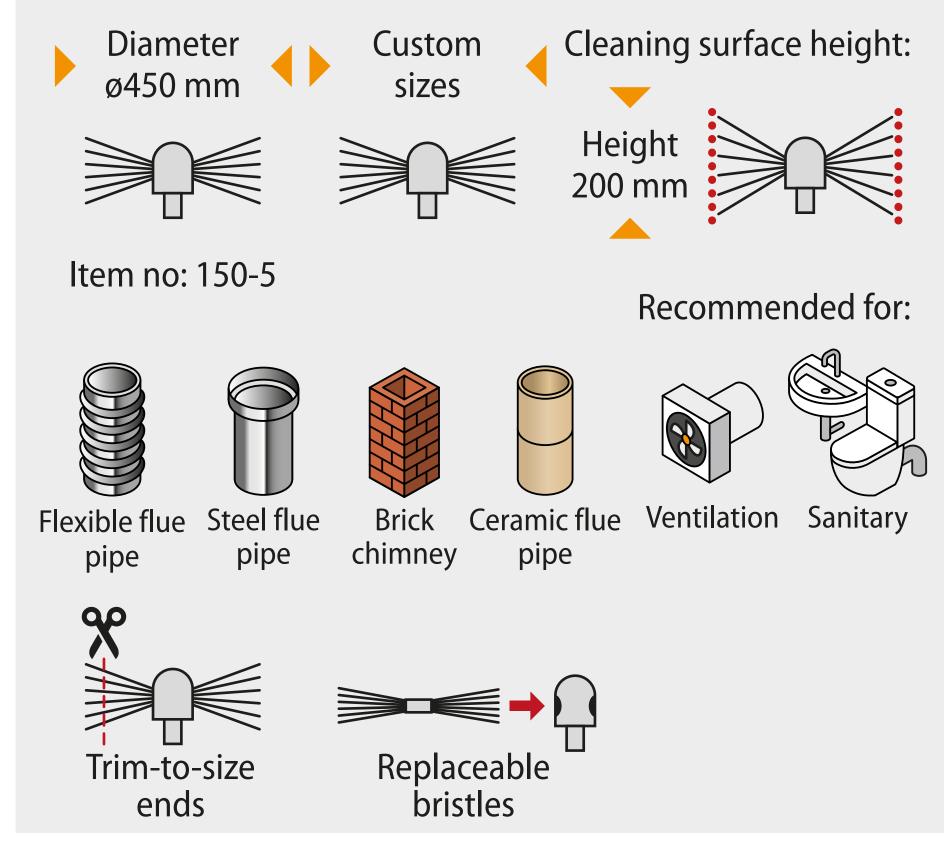
23

Tornado HOME | Brushes

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Tornado ventilation head with soft nylon bristles

Item no: 150-5 Diameter ø450 mm

Other dimensions can be ordered individualy

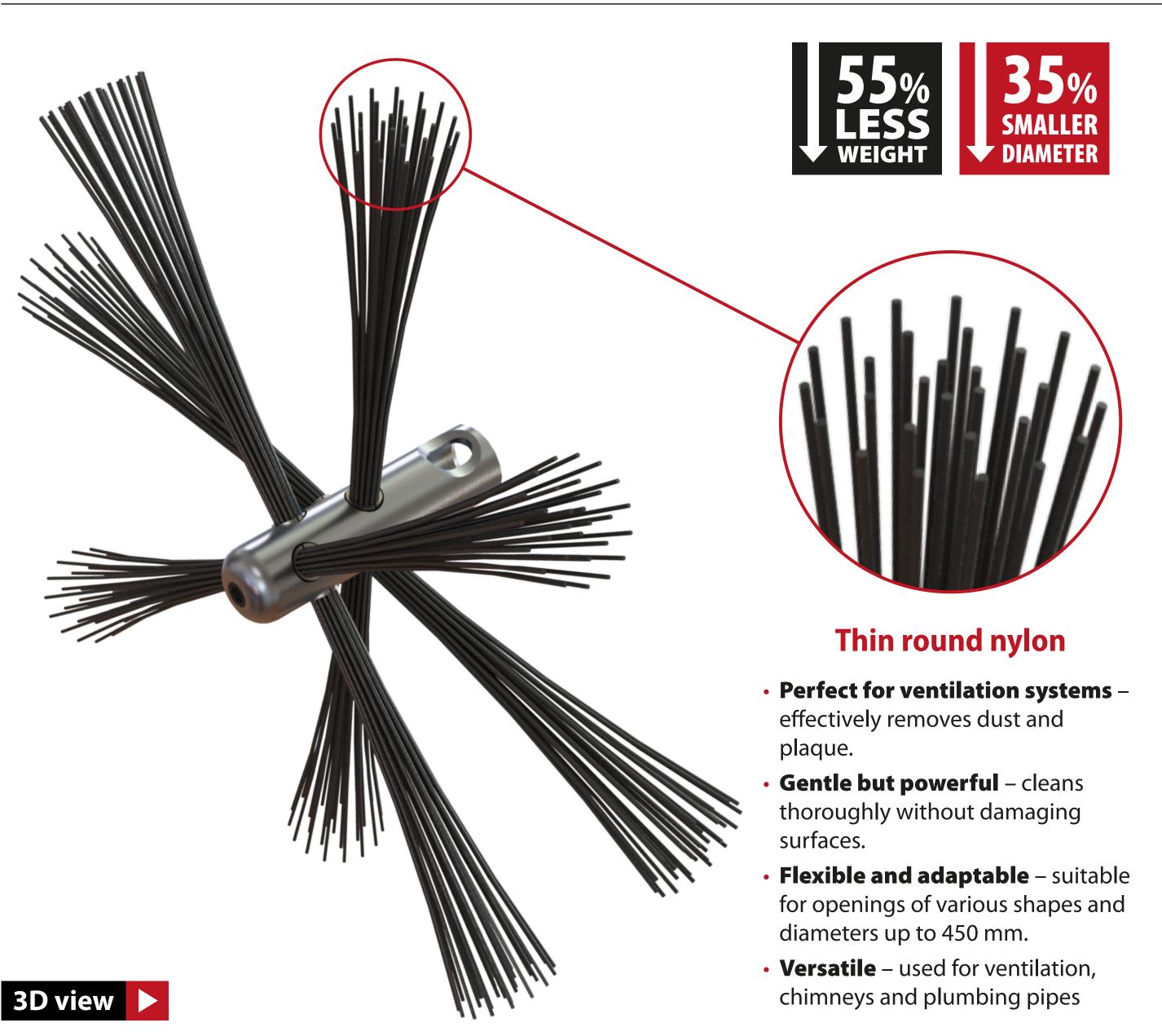
80⁰⁰ €/pc ex VAT

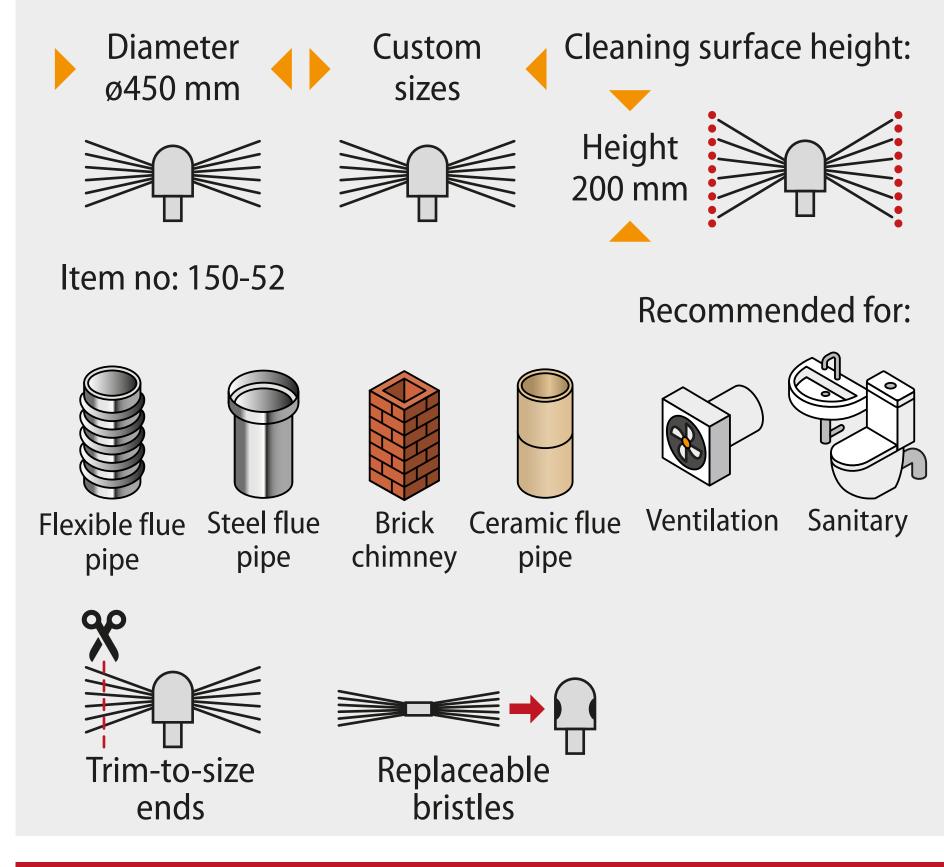
Price available upon request

Tornado HOME | Brushes

www.hansaflame.com







Tornado LIGHT ventilation head with soft nylon bristles

Item no: 150-52Diameter
ø450 mm

Other dimensions can be ordered individualy

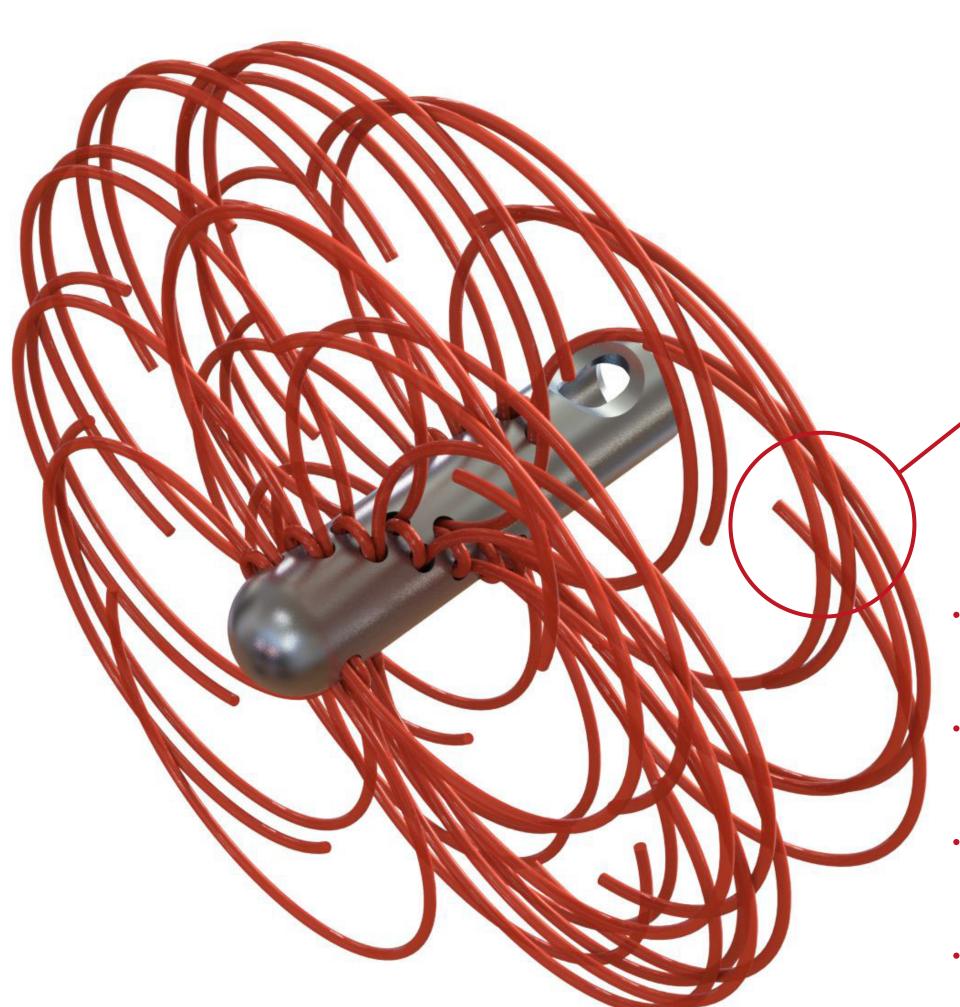
8000 €/pc ex VAT

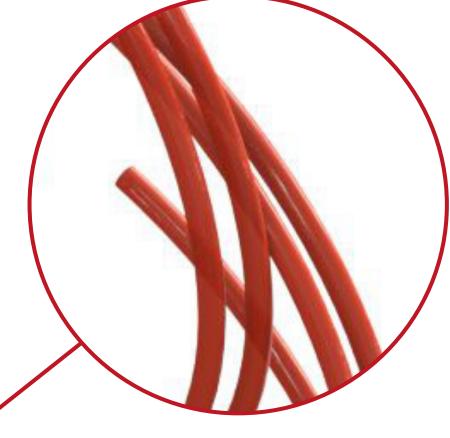
Price available upon request

Tornado HOME | Brushes





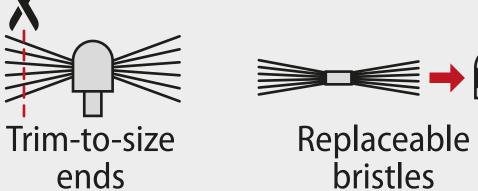




Sharp-edged thick nylon bristles

- **Effectively cleans hard deposits** removes soot and combustion resins.
- **Gentle but powerful** does not damage the surface, but ensures strong cleaning.
- **Universality** –suitable for all types of chimneys, ventilation and plumbing pipes.
- Adaptability easily adapts to all shapes of openings and diameters up to 450 mm.





Tornado double screw head with nylon bristles

Item no: 150-19 Diameter ø450 mm

Other dimensions can be ordered individualy

6000 €/pc ex VAT

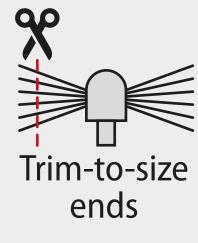
Price available upon request

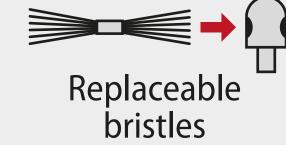
Tornado HOME | Additional parts







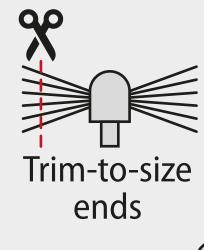




Replacement red nylon bristles 4 pcs Item no: 150-6

500 €/set ex VAT



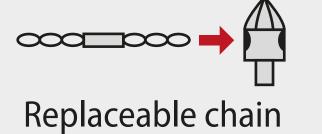




Replacement black nylon bristles 4 pcs Item no: 150-61

25⁰⁰ €/set





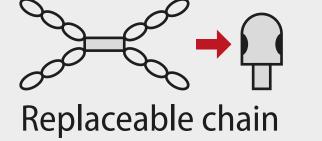
Replacement stainless steel chain

3 pcs

Item no: 150-62

5⁰⁰ €/set ex VAT ex VAT





Long replacement stainless steel chain 3 pcs

Item no: 150-63

20⁰⁰ €/set ex VAT

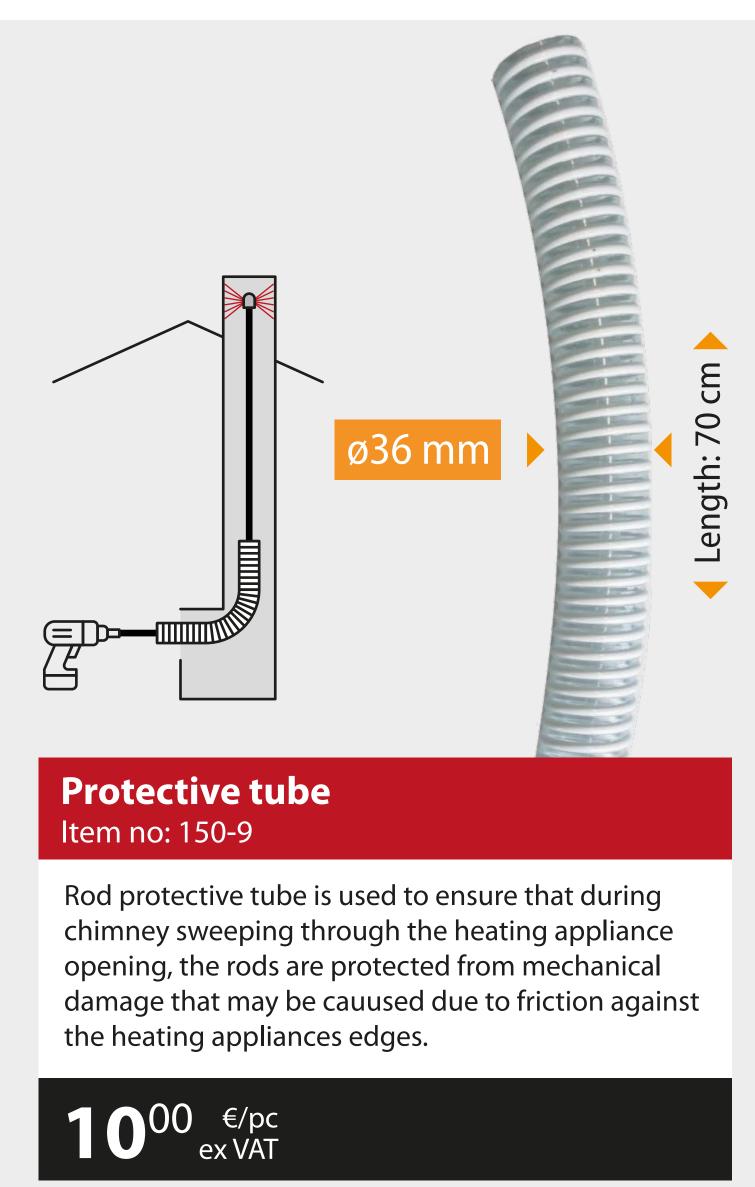


Replacement cable whip 4 pcs Item no: 150-64

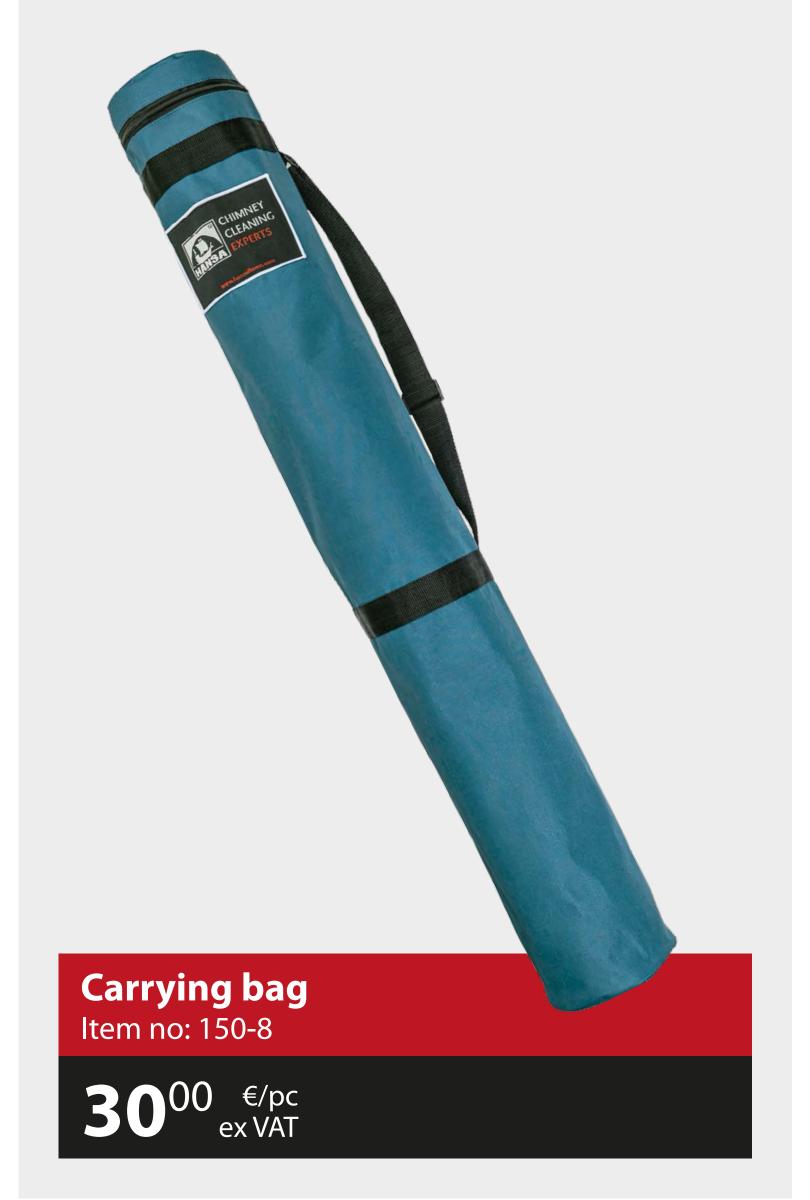
Tornado HOME | Additional parts



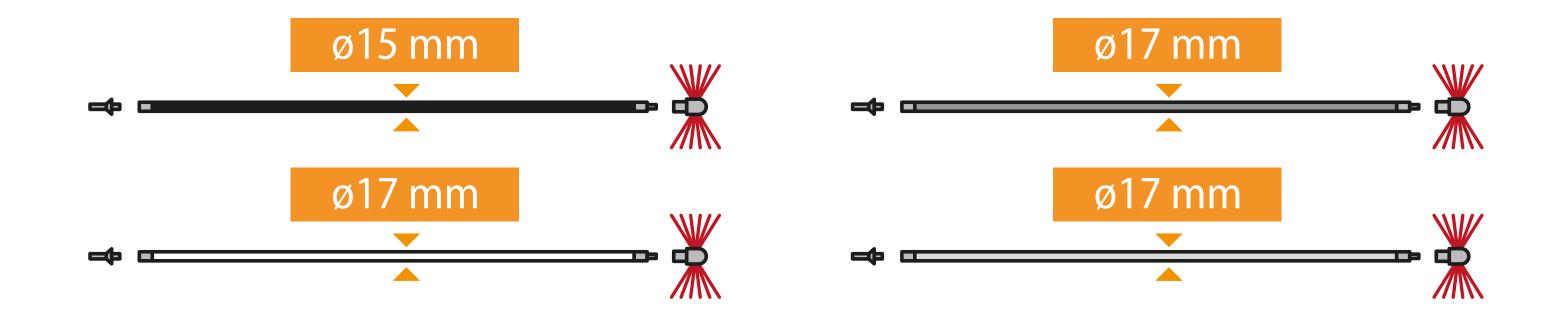


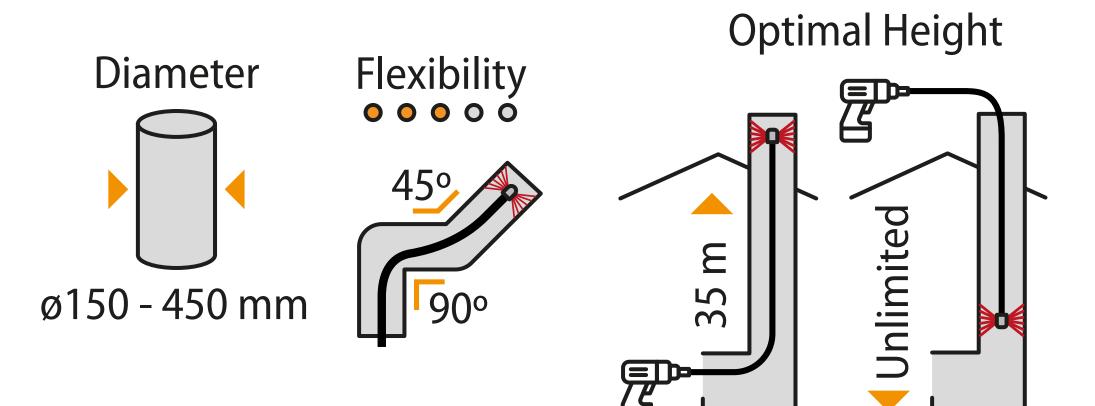


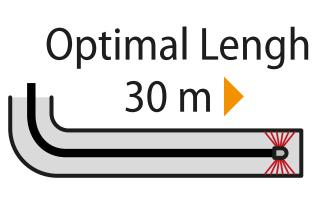


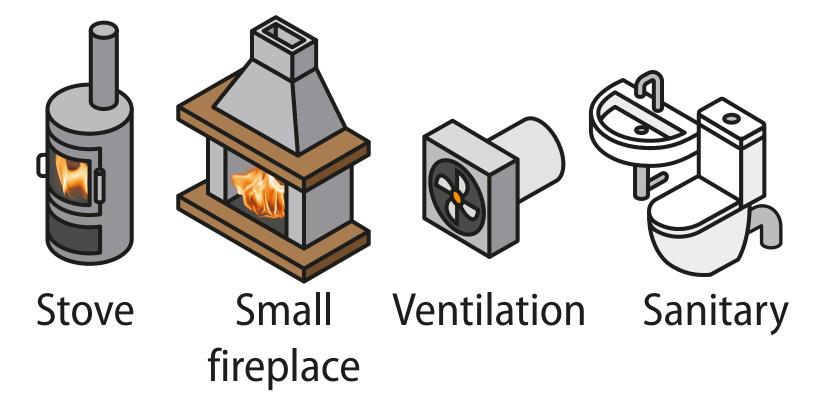


Tornado PRO







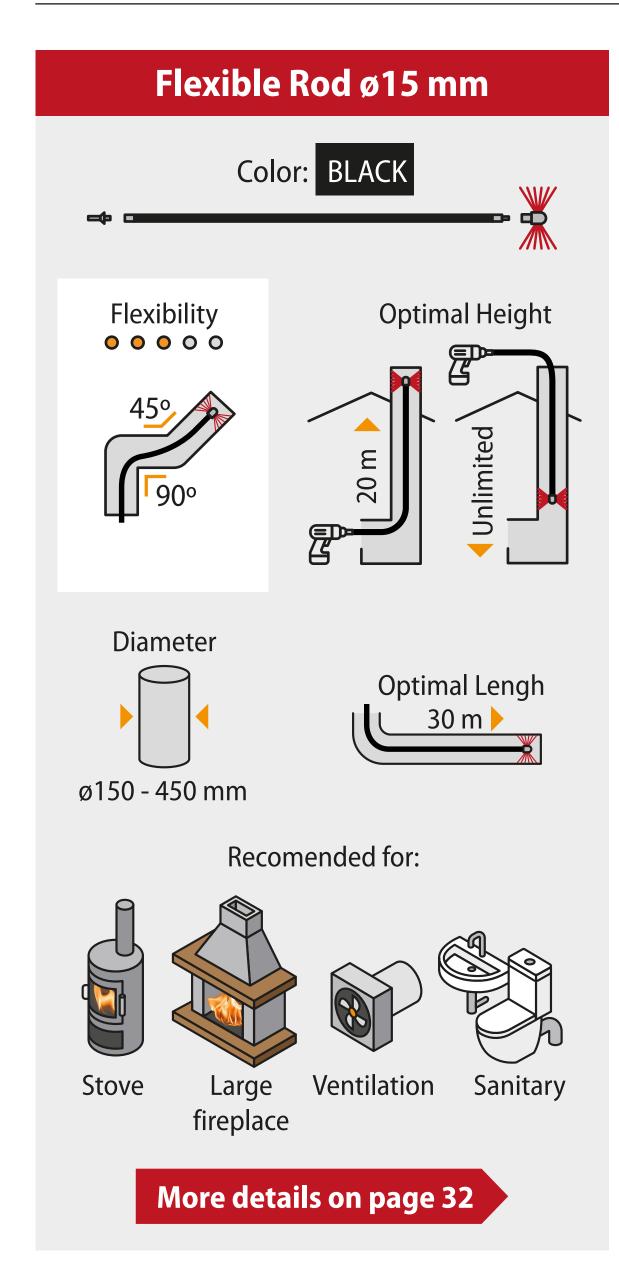


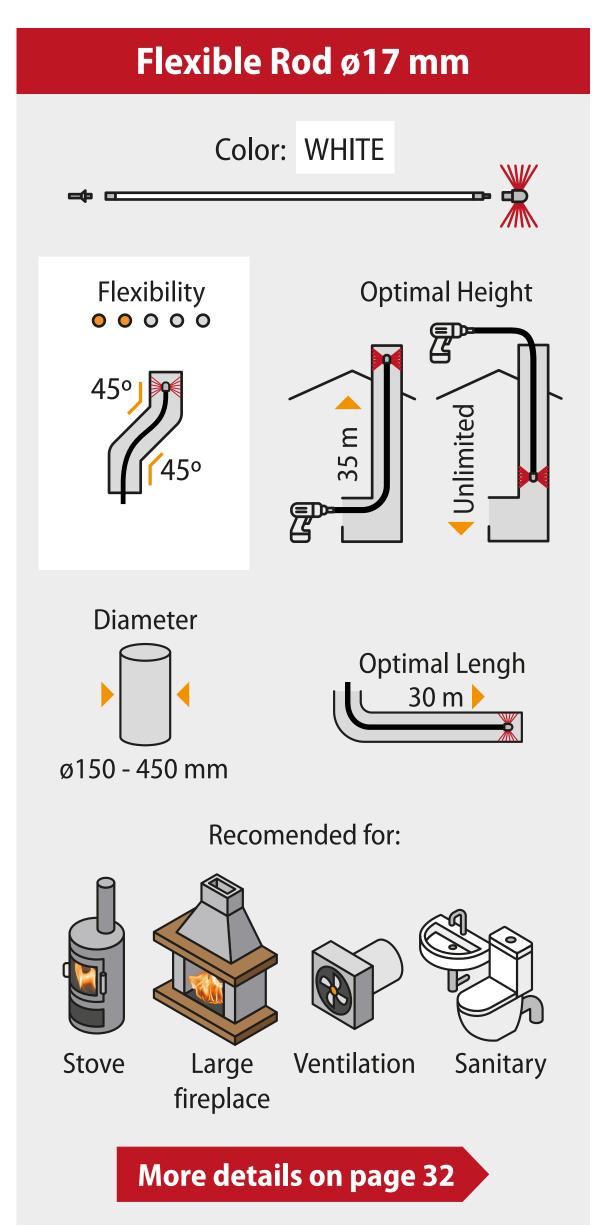
Recomended for:

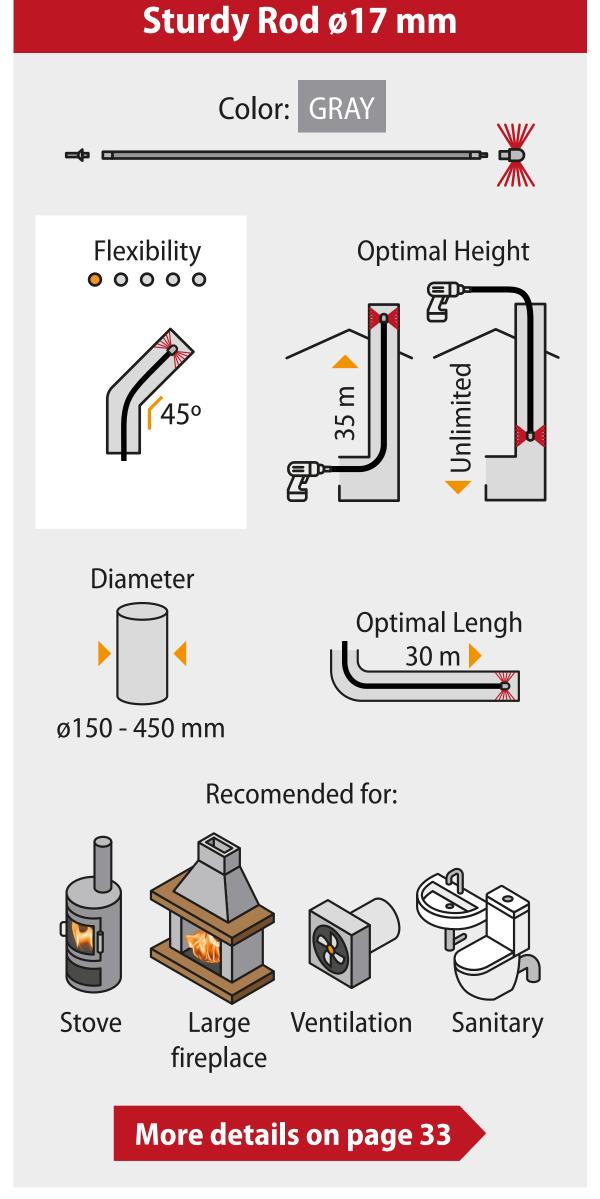
Tornado PRO | Possibilities

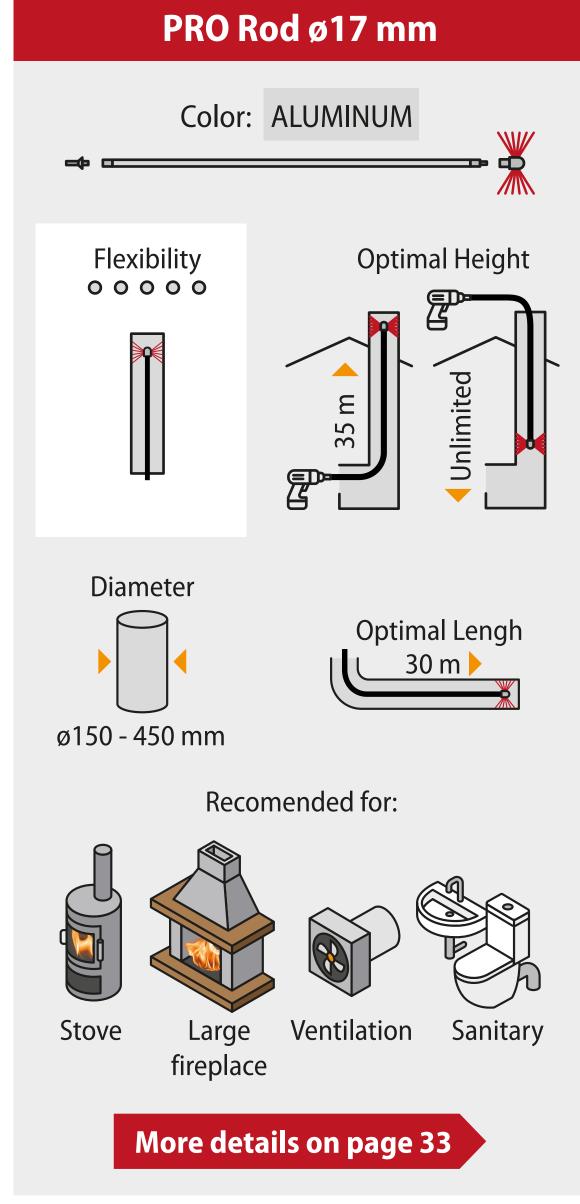
www.hansaflame.com







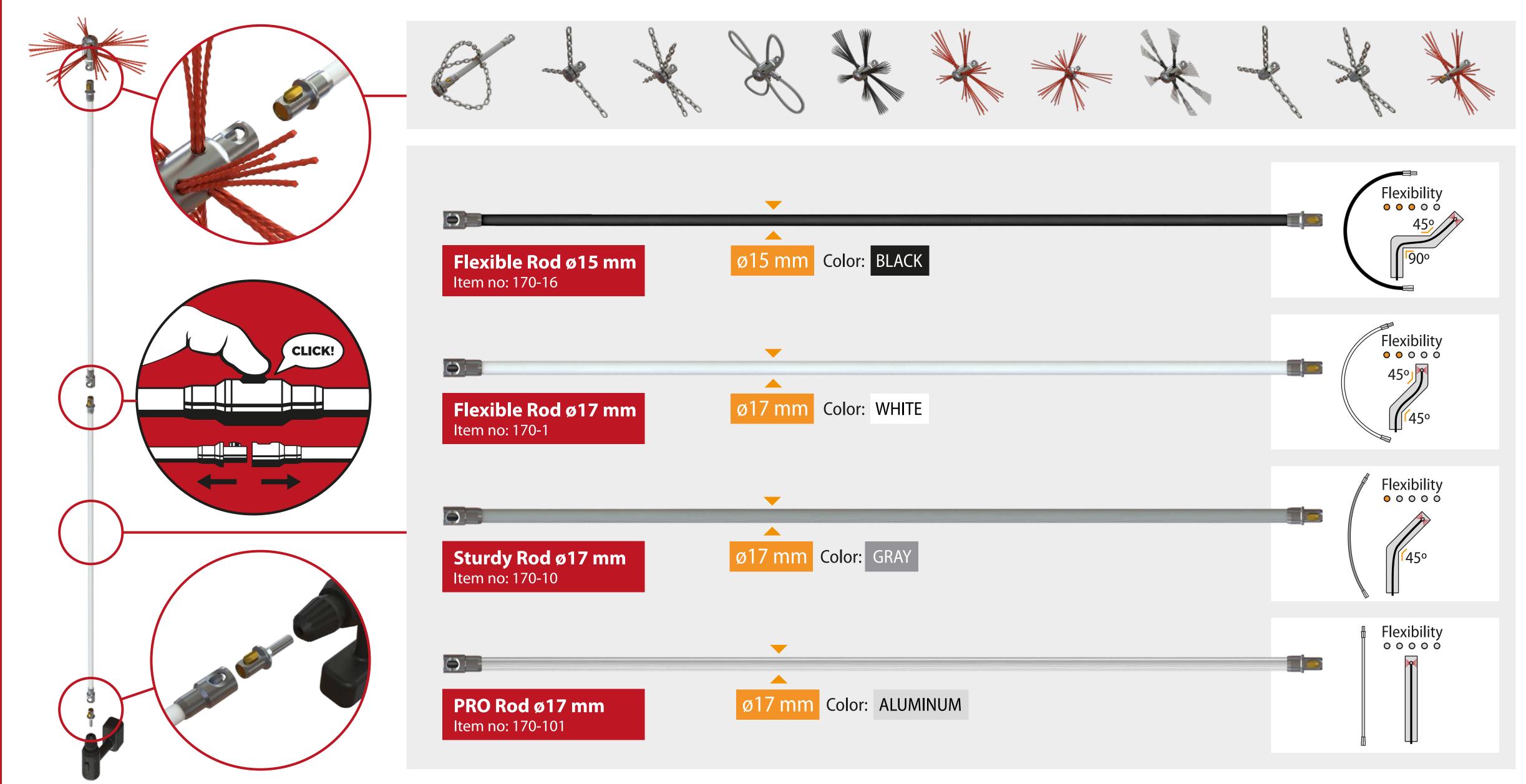




Tornado PRO Introduction





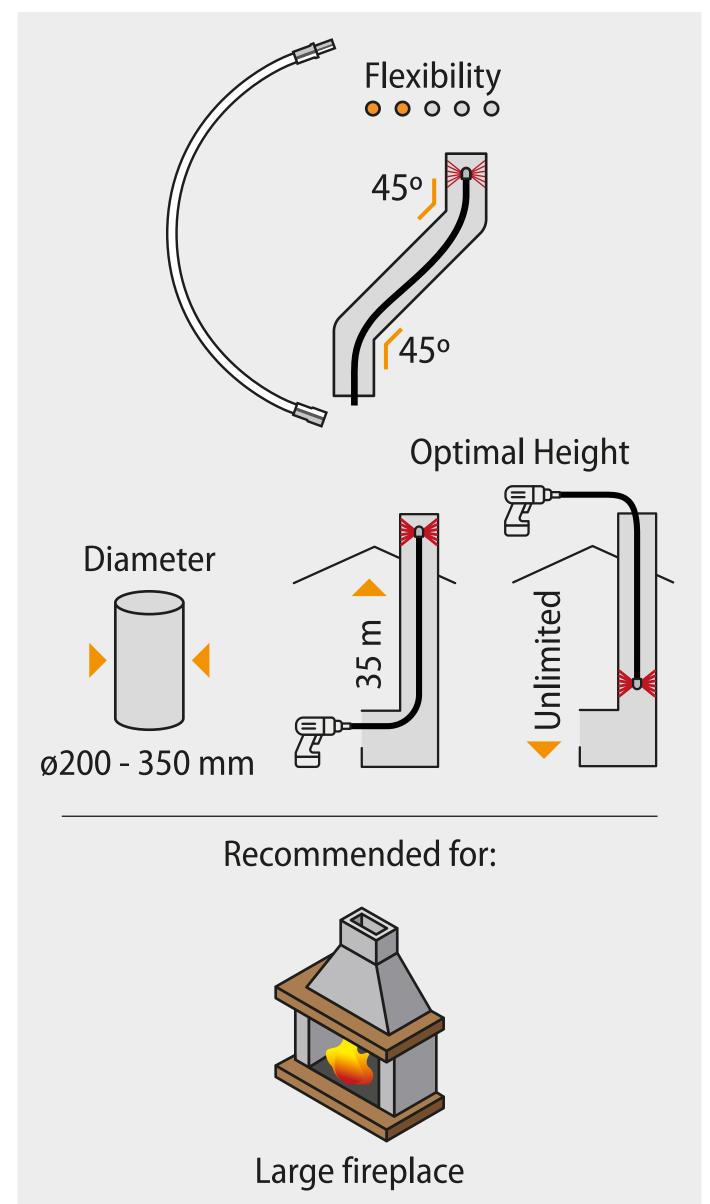


Tornado PRO | 6 meter Kit

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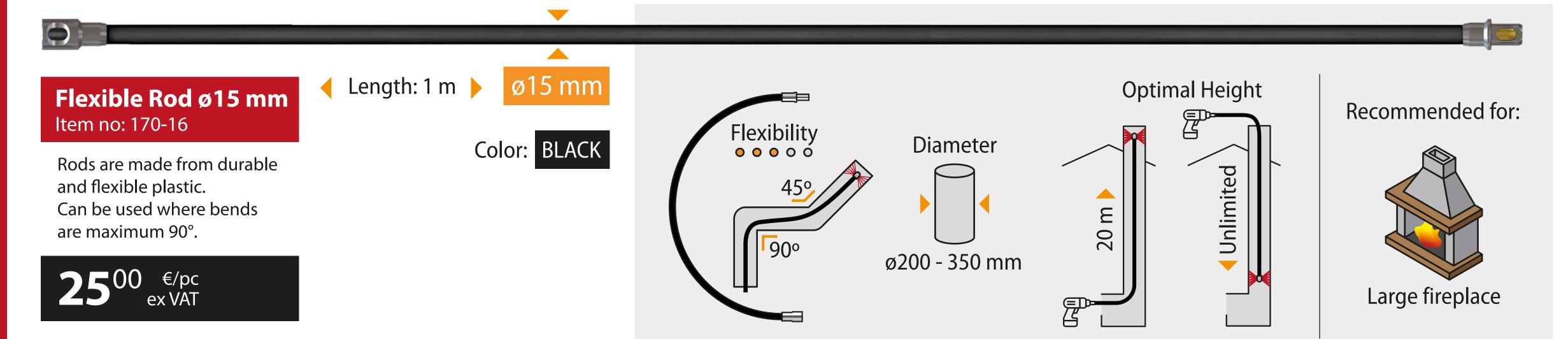


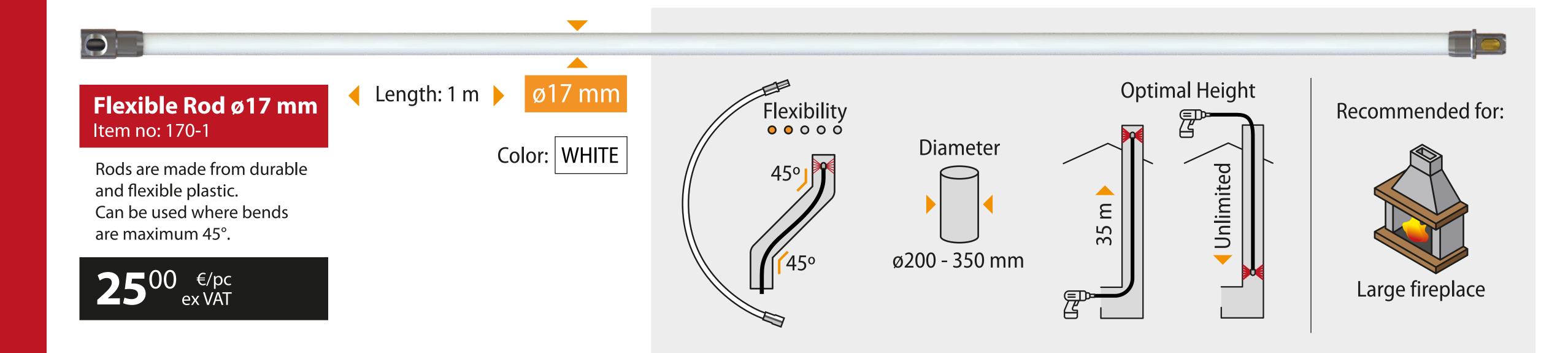


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Tornado PRO Rods



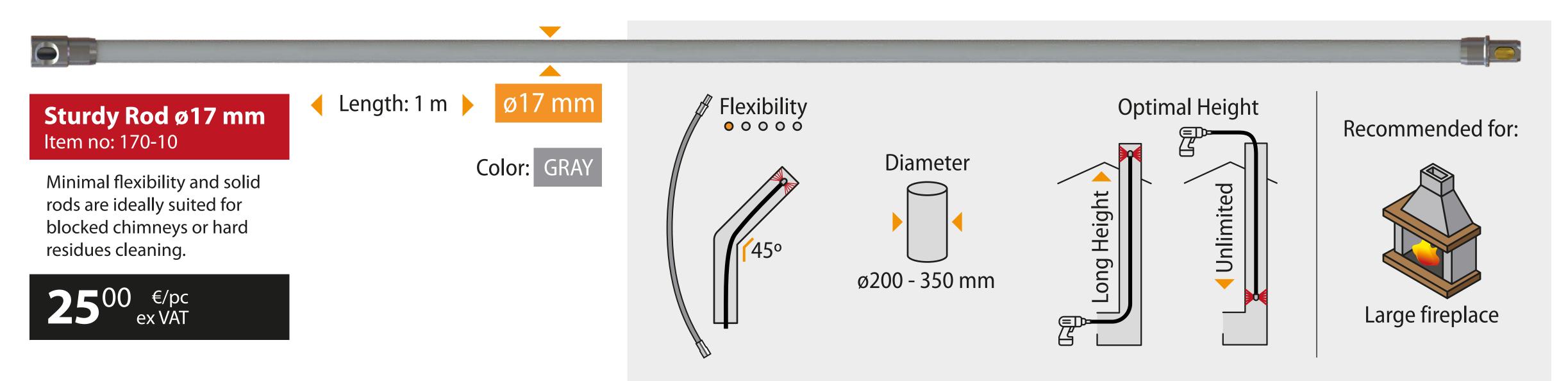


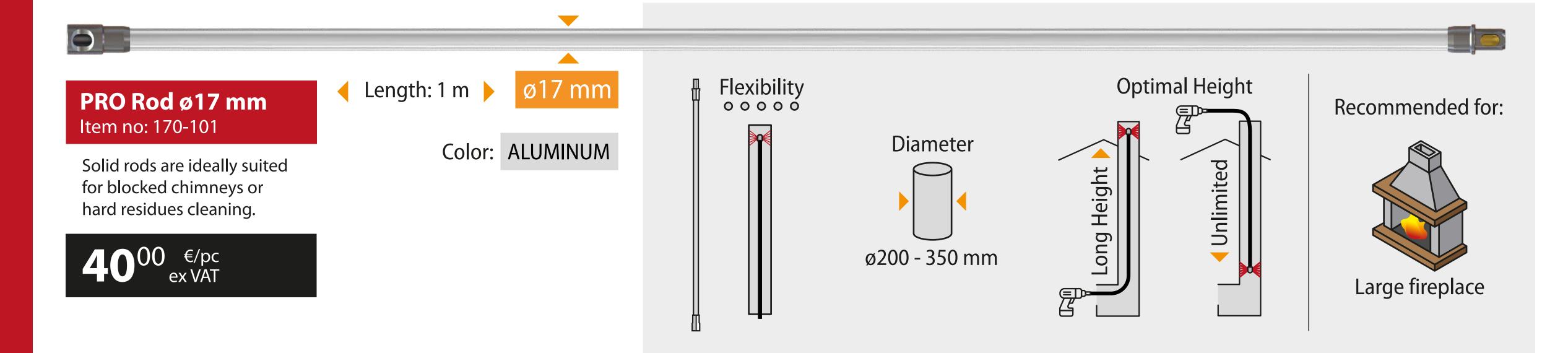


Tornado PRO Rods

www.hansaflame.com



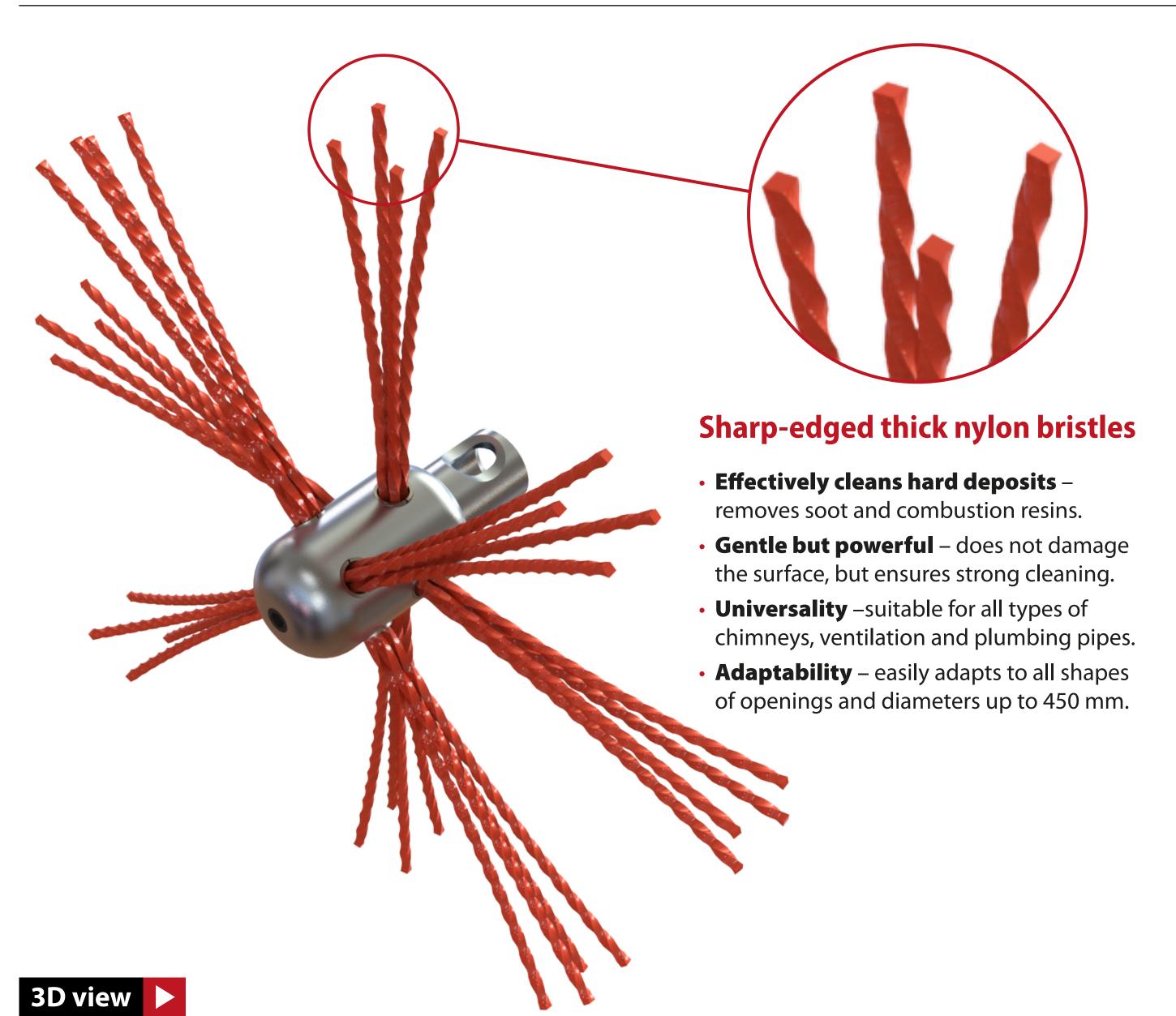


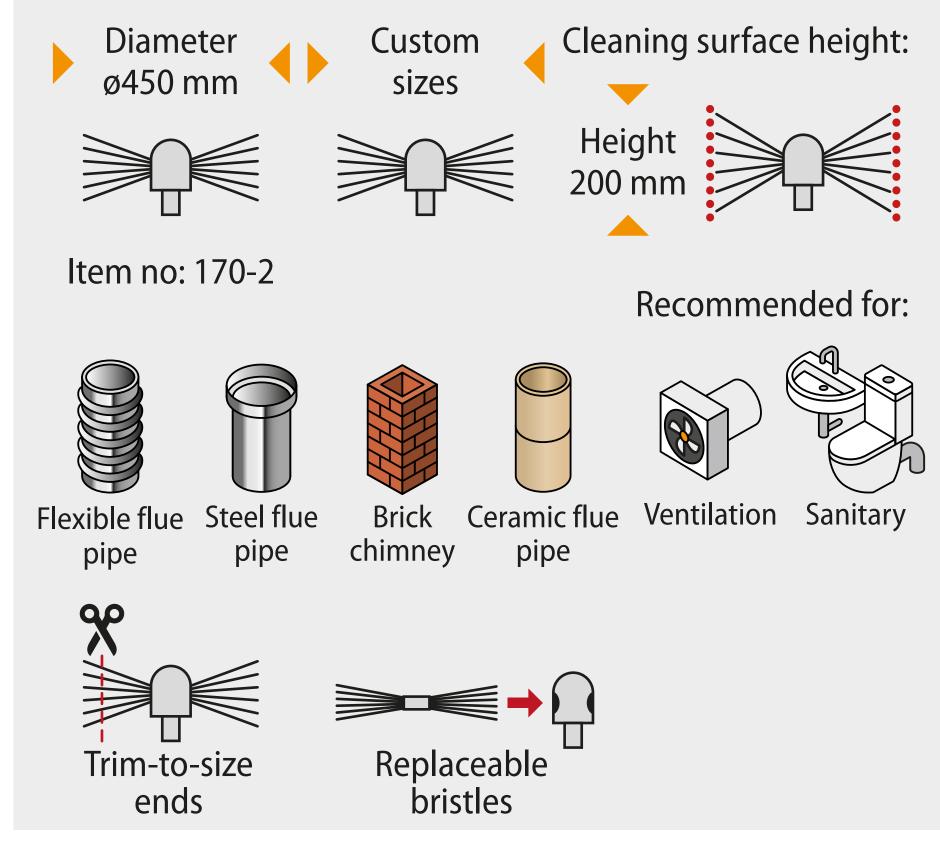


Tornado PRO Brushes

www.hansaflame.com









170-2
Diameter ø450 mm

Other dimensions can be ordered individualy

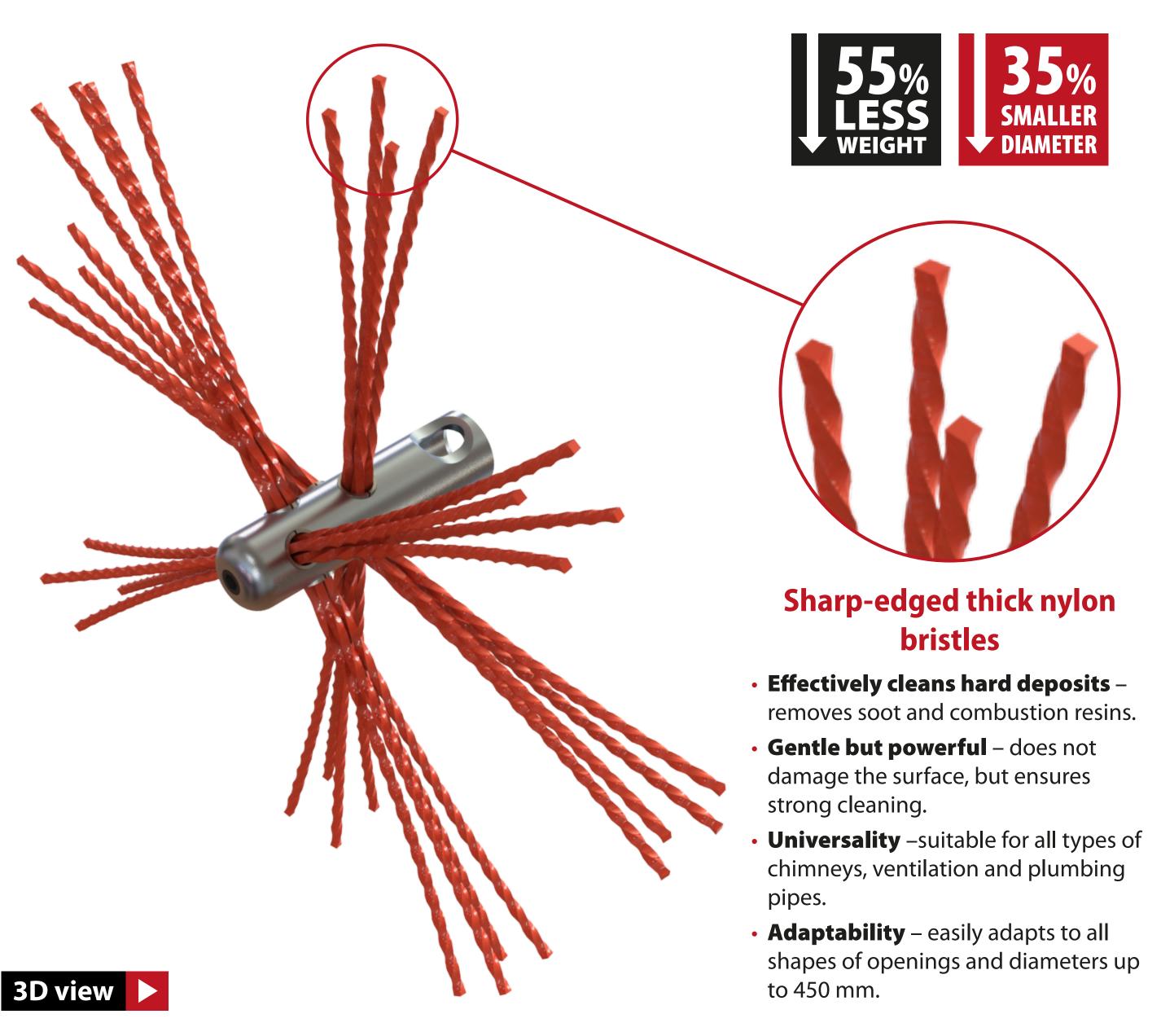
60⁰⁰ €/pc ex VAT

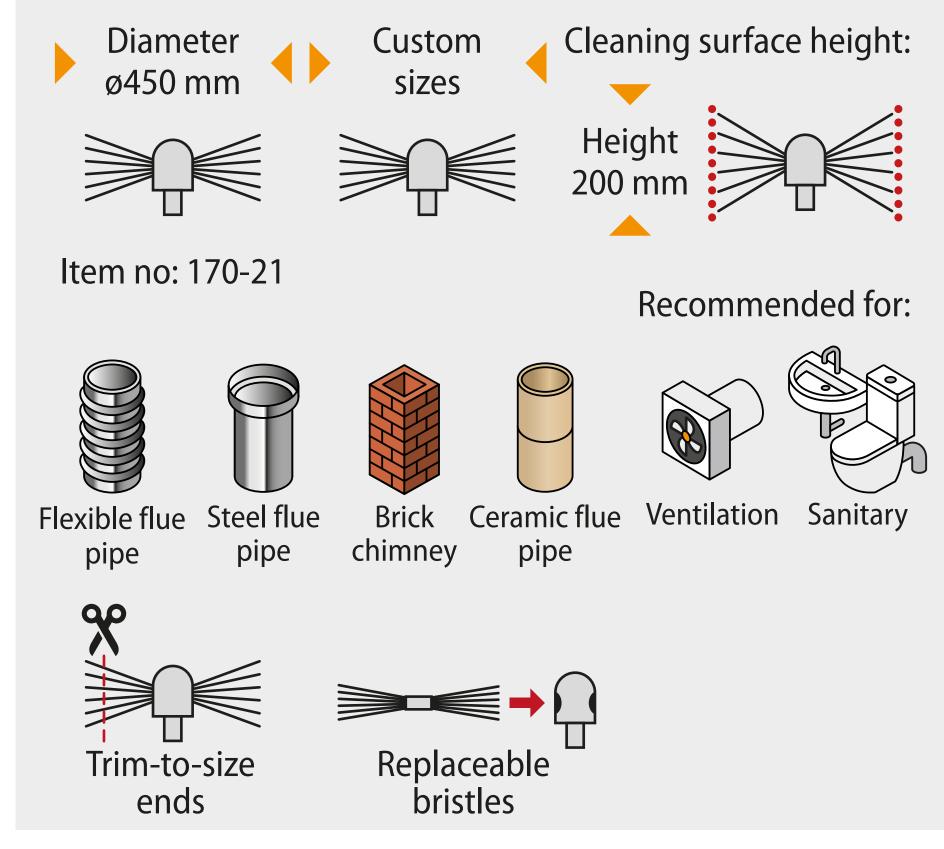
Price available upon request

Tornado PRO Brushes

www.hansaflame.com









Item no: 170-21 Diameter ø450 mm

Other dimensions can be ordered individualy

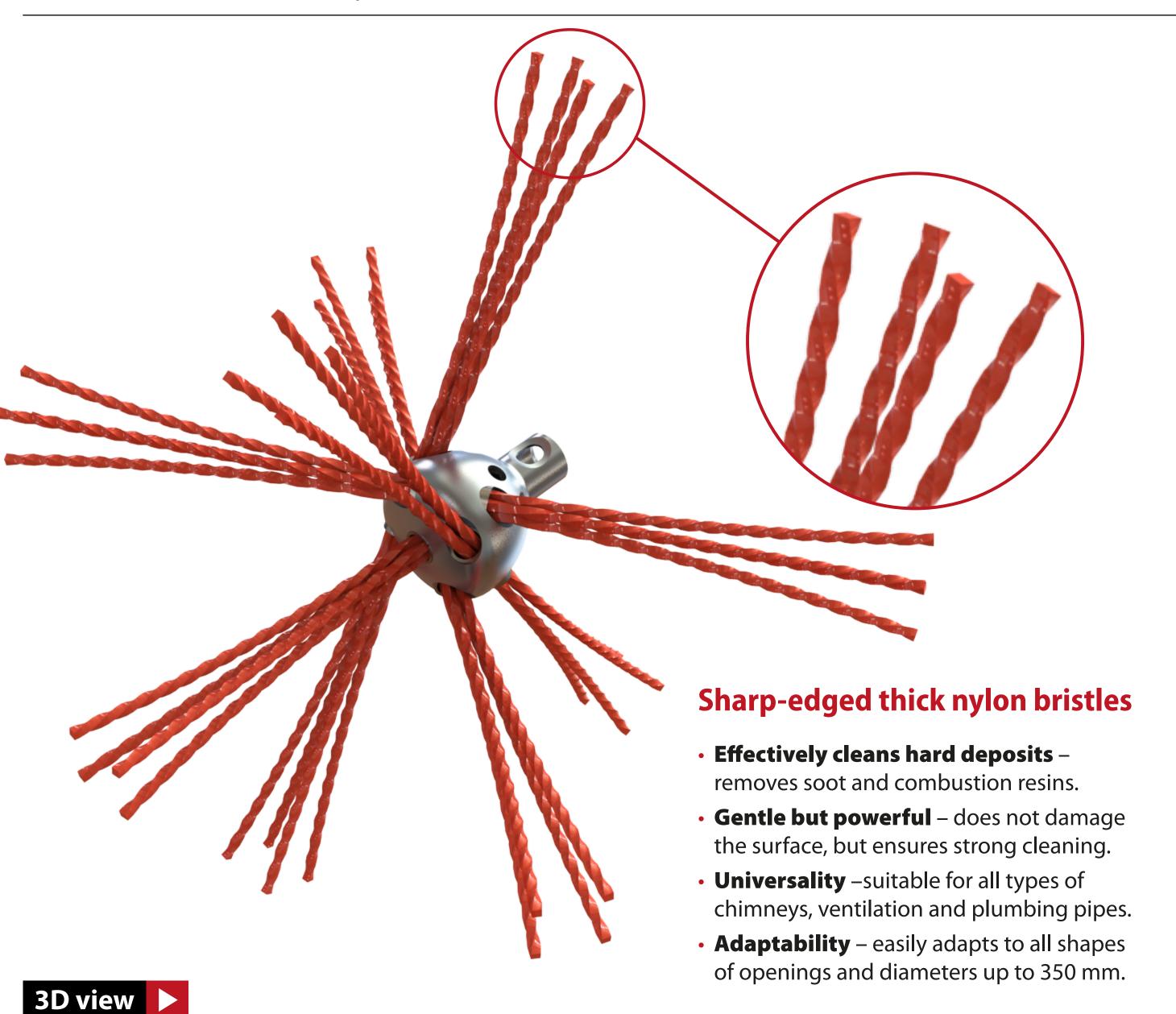
6000 €/pc ex VAT

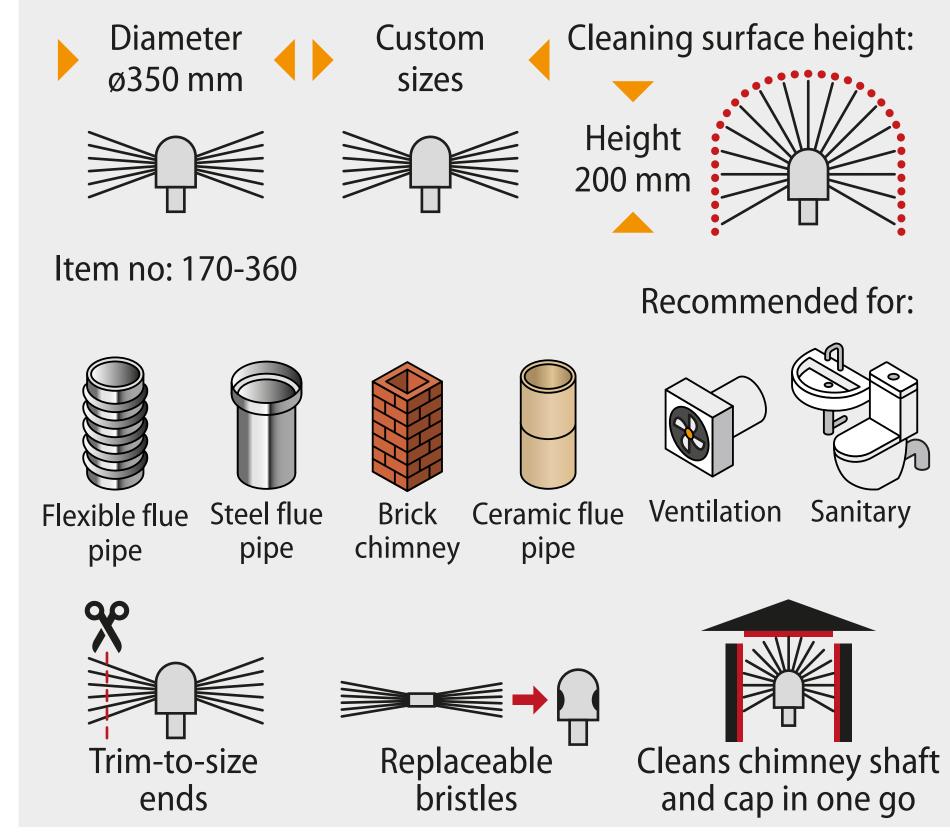
Price available upon request

Tornado PRO Brushes

www.hansaflame.com







Tornado
360 head
with nylon bristles

Item no: 170-360Diameter
ø350 mm

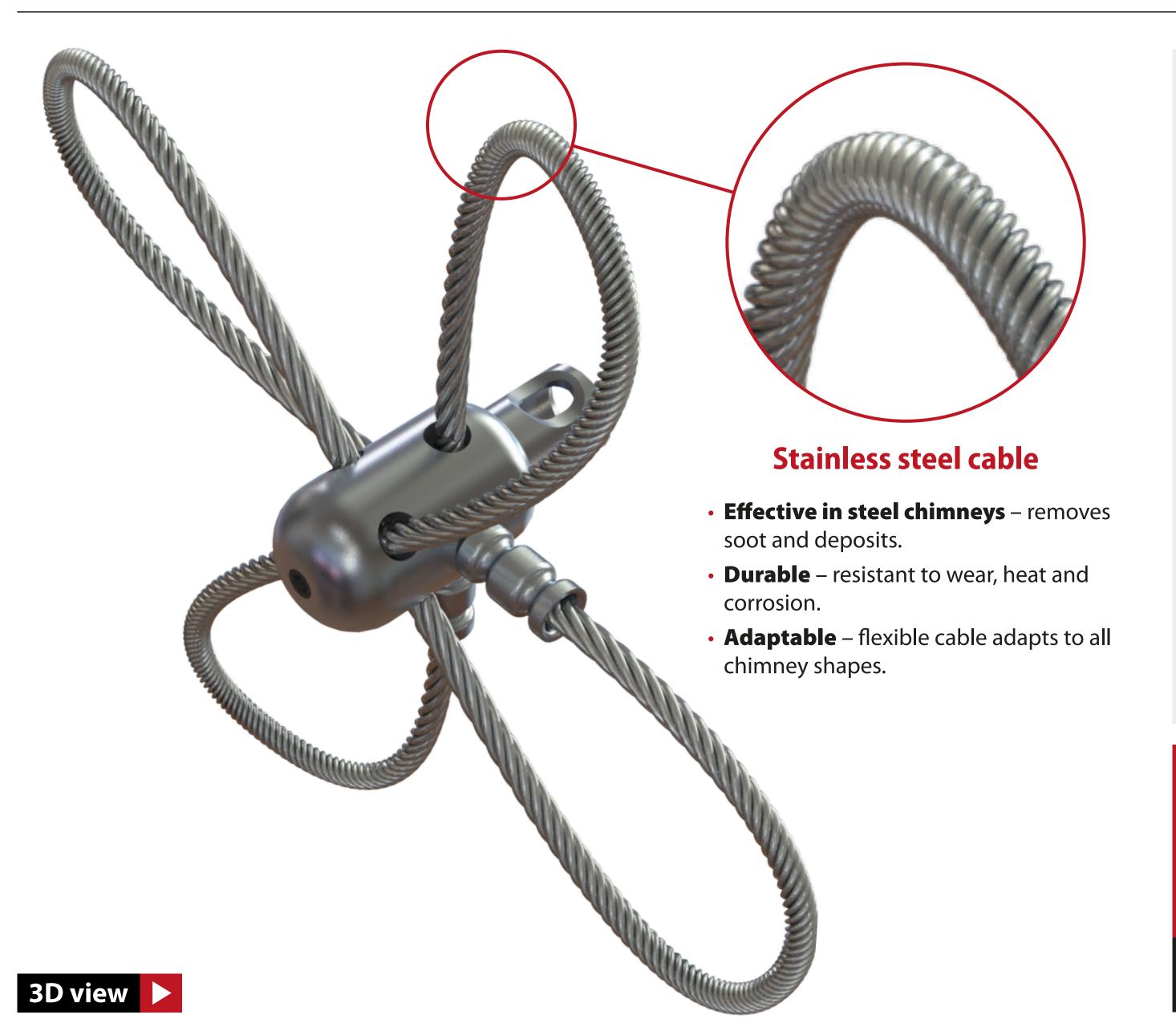
Other dimensions can be ordered individualy

80⁰⁰ €/pc ex VAT

Price available upon request

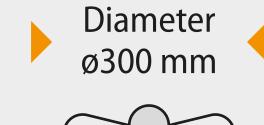
www.hansaflame.com





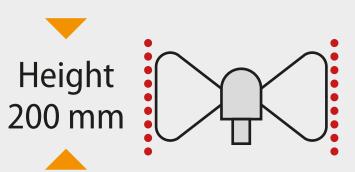


Item no: 170-3/25



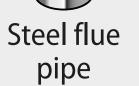
Item no: 170-3/30

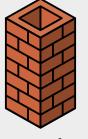
Cleaning surface height:



Recommended for:







Brick chimney



ck Ceramic flue ney pipe

Tornado head cable loop Item no: 170-3/25 Diameter ø250 mm Item no: 170-3/30 Diameter ø300 mm

60⁰⁰ €/pc ex VAT

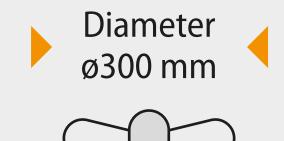
www.hansaflame.com







Item no: 170-31/25



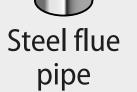
Item no: 170-31/30

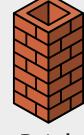
Cleaning surface height:



Recommended for:







Brick chimney



Tornado LIGHT **Light head** cable loop

Item no: 170-31/25 Diameter ø250 mm

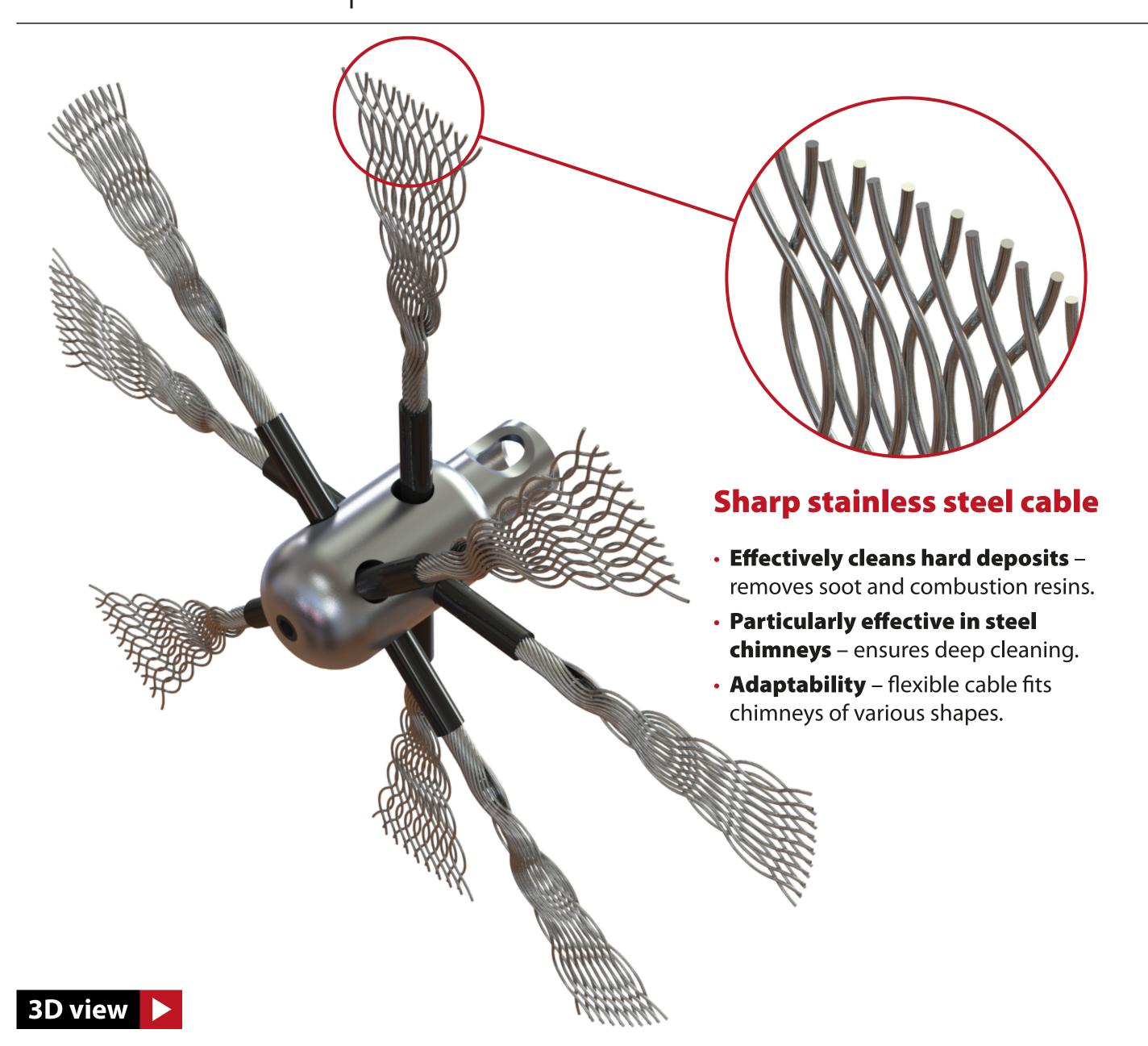
170-31/30 Diameter ø300 mm

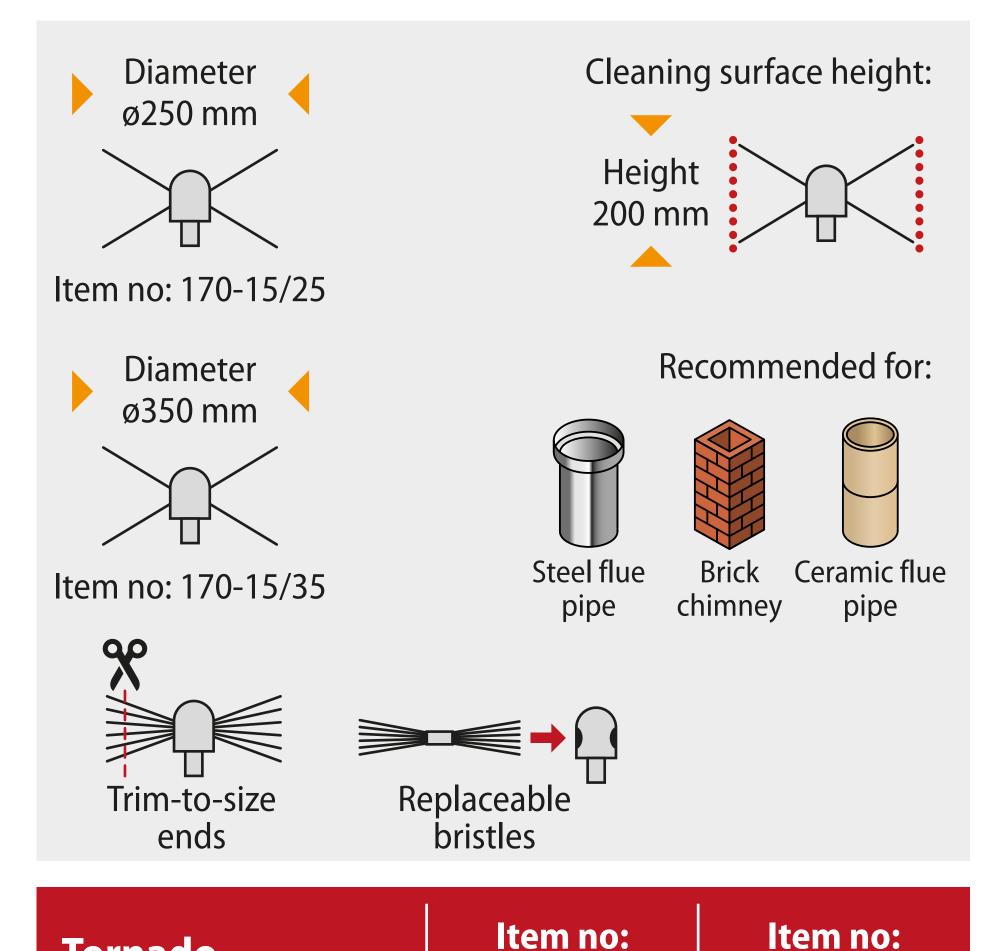
Item no:

60⁰⁰ €/pc ex VAT

www.hansaflame.com







Tornado
head
with sharp cable

Item no: 170-15/25 Diameter ø250 mm

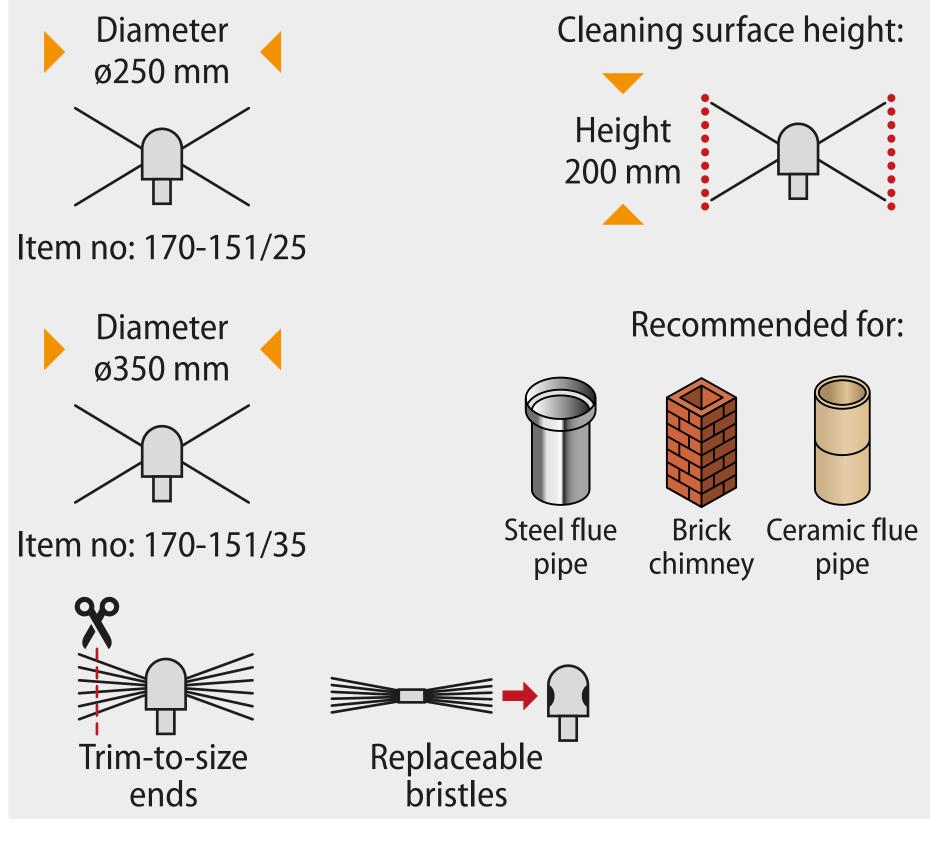
170-15/35Diameter
ø350 mm

6000 €/pc ex VAT

www.hansaflame.com







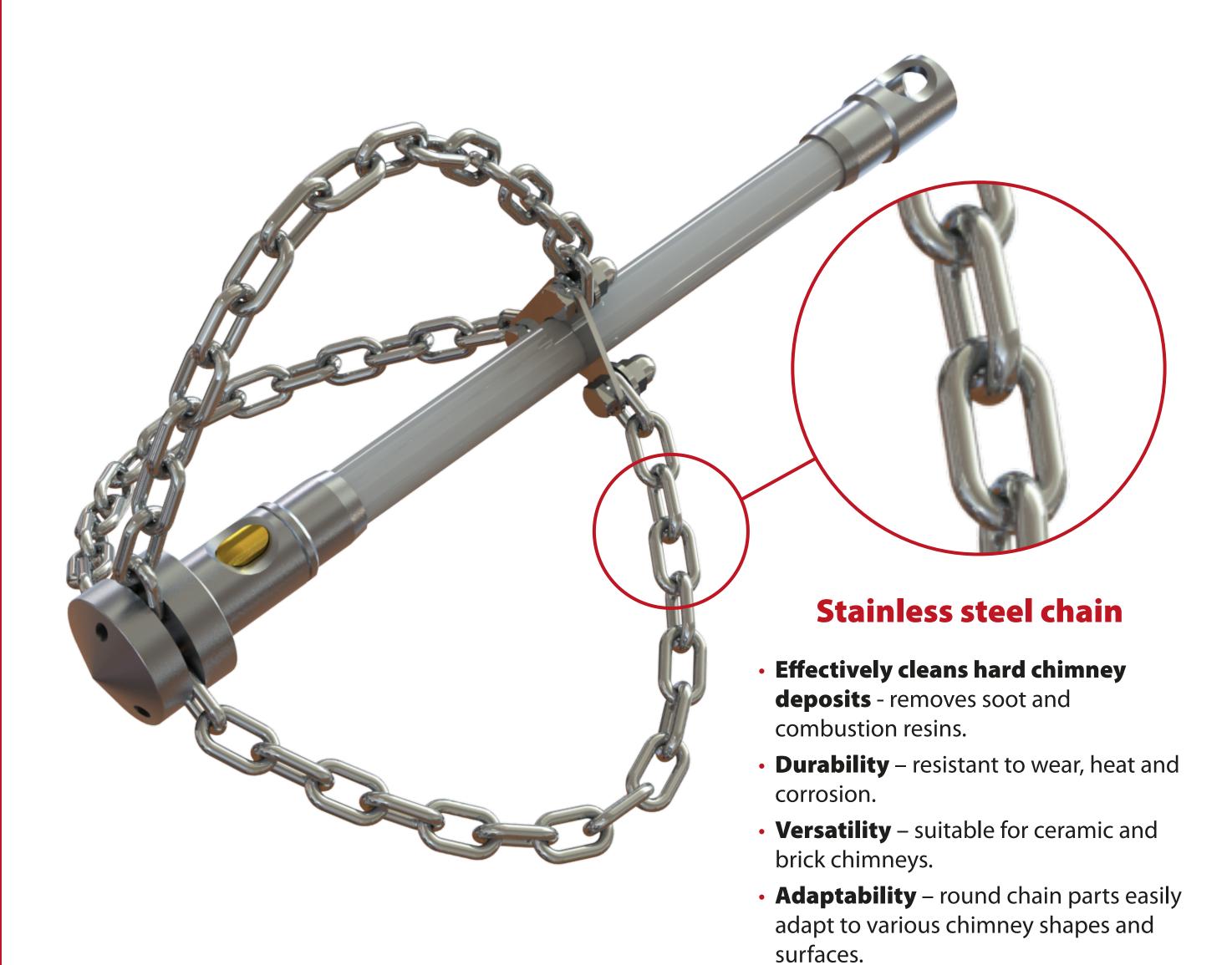
with sharp cable

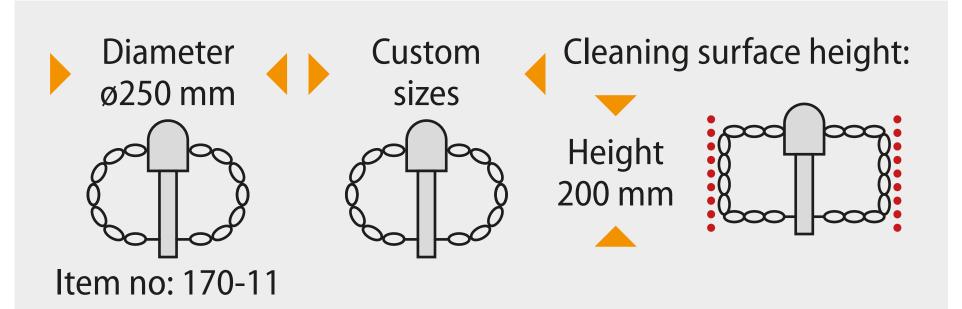
Item no: 170-151/25 Diameter ø250 mm

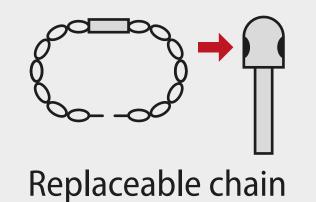
Item no: 170-151/35 Diameter ø350 mm

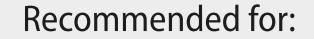
60⁰⁰ €/pc ex VAT

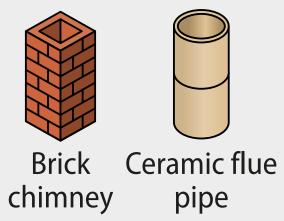












Tornado
head with round
chain

Item no: 170-11 Diameter ø250 mm

Other dimensions can be ordered individualy

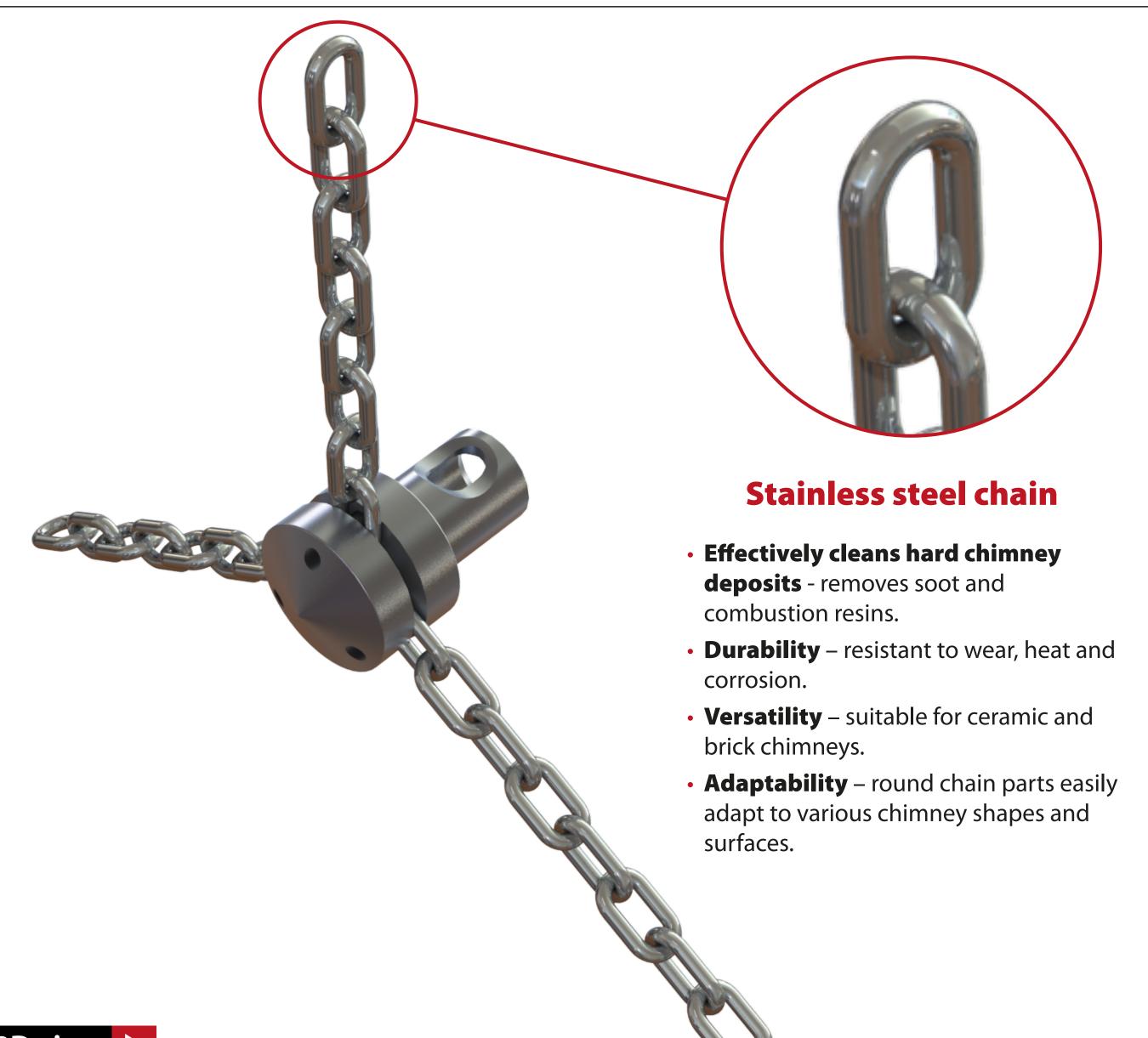
100⁰⁰ €/pc ex VAT

Price available upon request











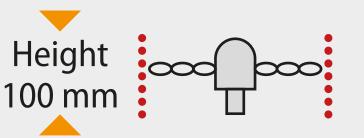
Item no: 170-4/25



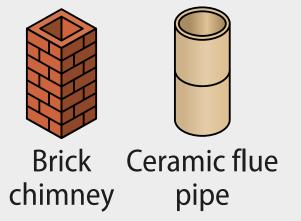
Item no: 170-4/35



Cleaning surface height:



Recommended for:



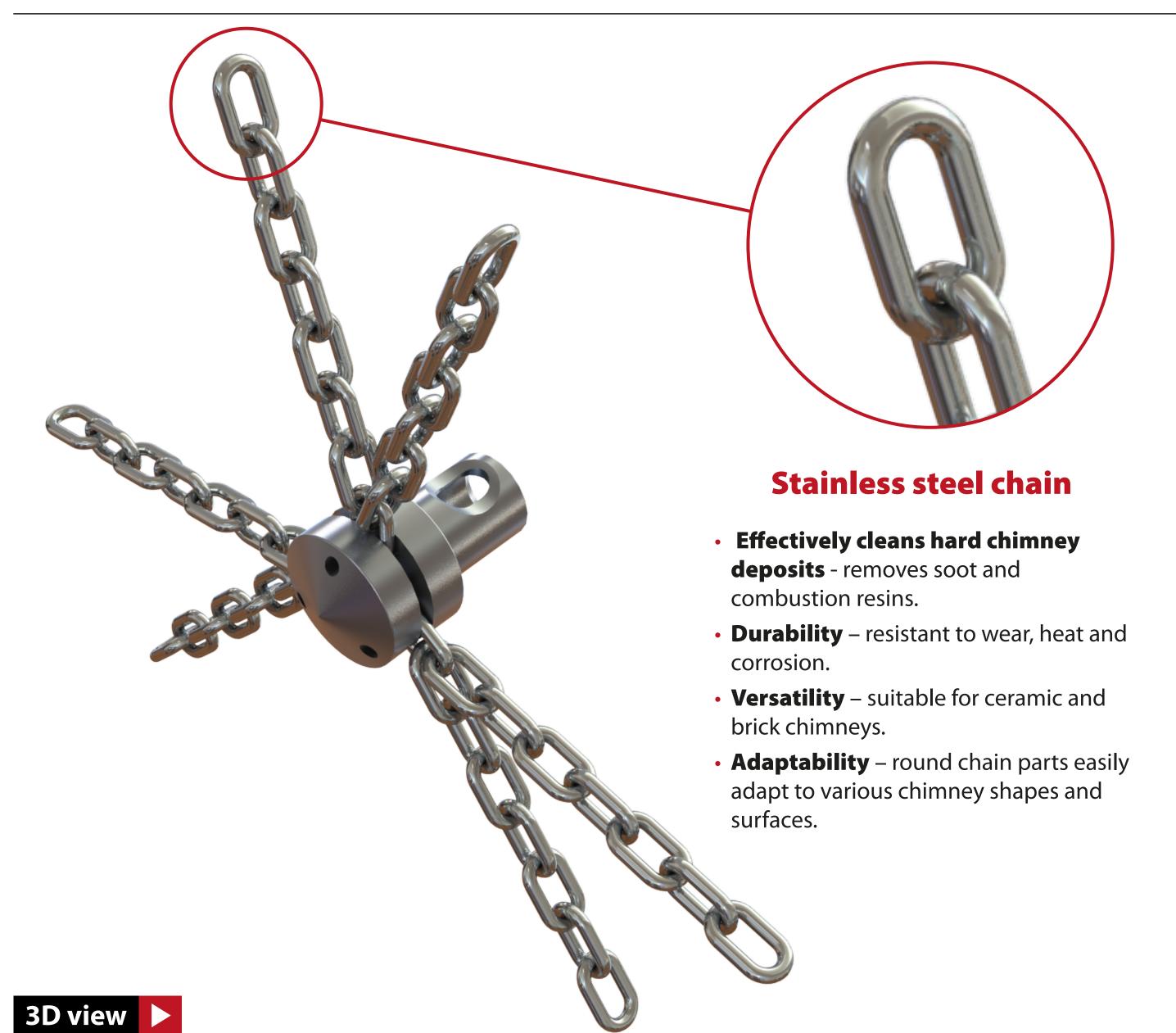
Tornado head with 3 parts chain

Item no: 170-4/25 Diameter ø250 mm

170-4/35 Diameter ø350 mm

Item no:

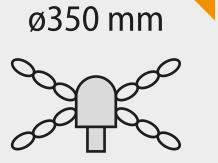
60⁰⁰ €/pc ex VAT



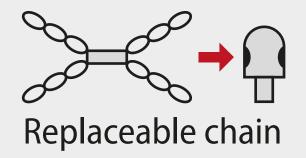


Item no: 170-42/25

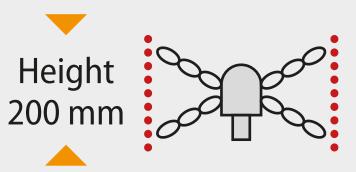
Diameter



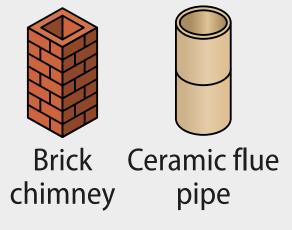
Item no: 170-42/35



Cleaning surface height:



Recommended for:



Tornado head with 6 parts chain

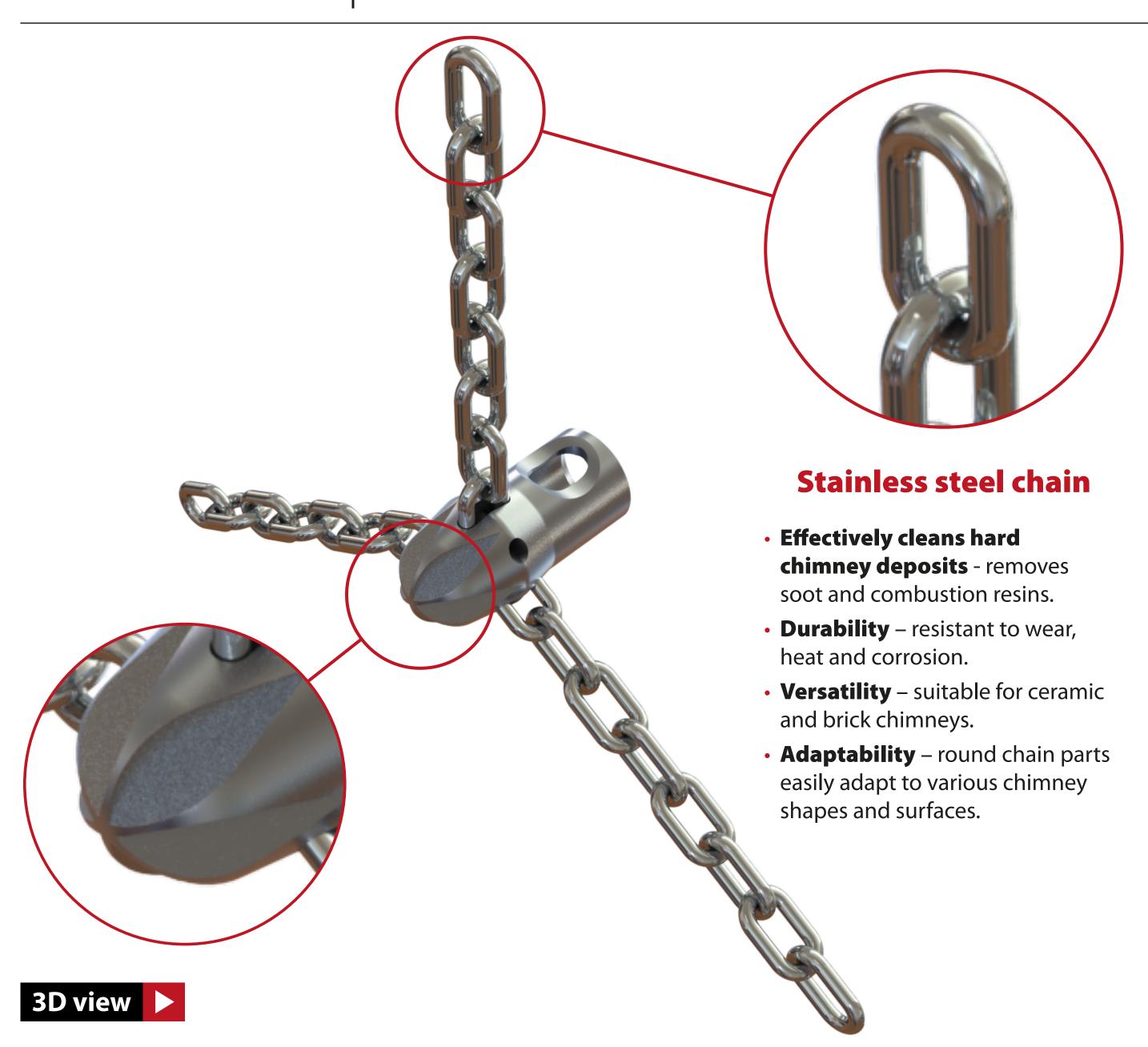
Item no: 170-42/25 Diameter ø250 mm

Item no: 170-42/35 Diameter ø350 mm

70⁰⁰ €/pc ex VAT

Tornado PRO Brushes







Item no: 170-43/25

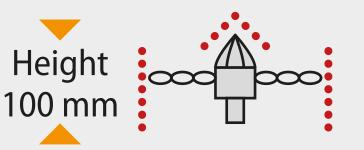


Item no: 170-43/35

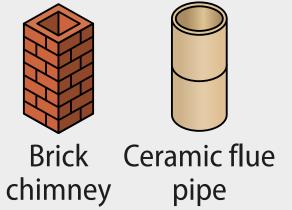


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 3 parts chain and a disruptive front part

Item no: 170-43/25 Diameter ø250 mm

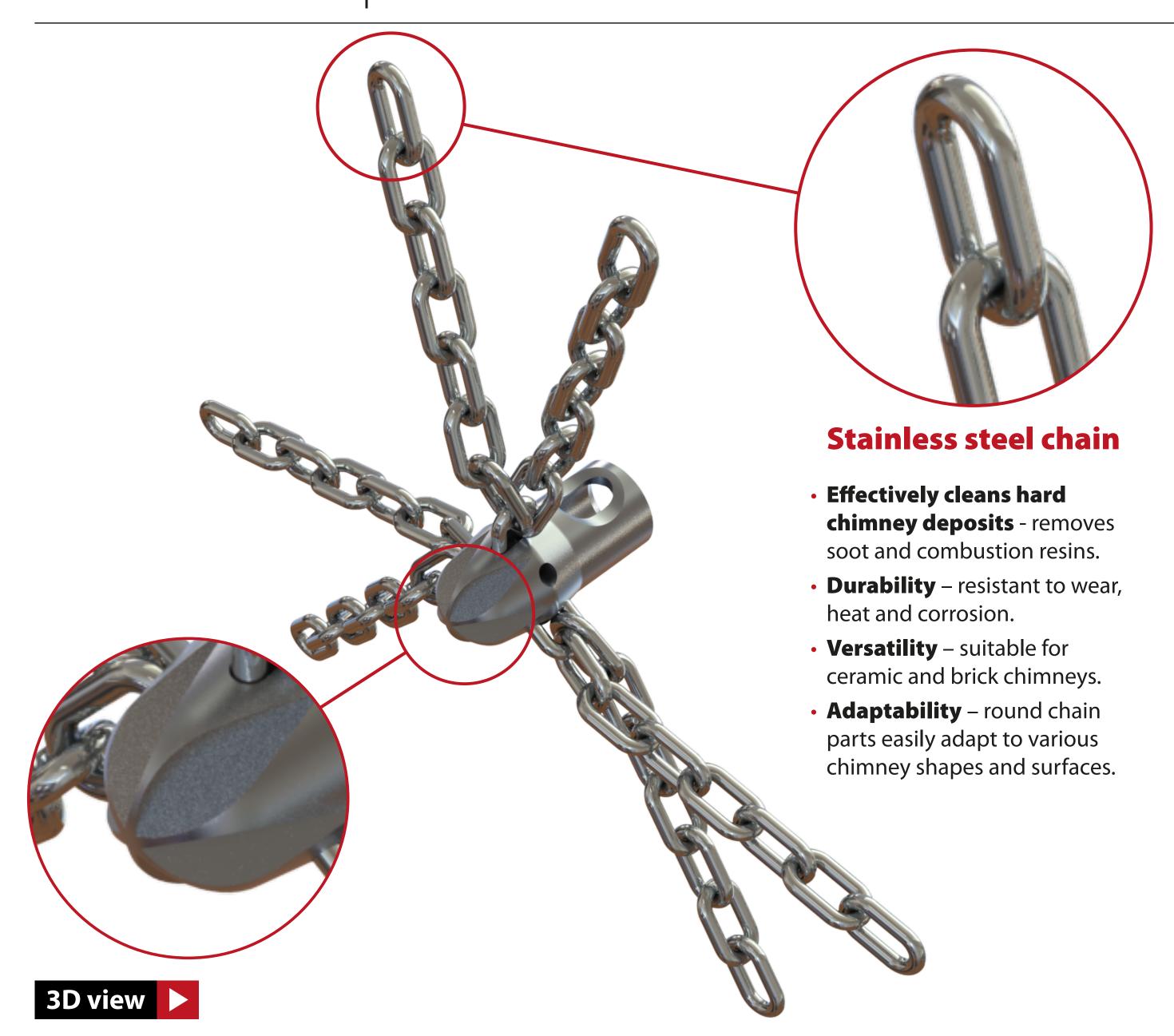
Item no: 170-43/35 Diameter ø350 mm

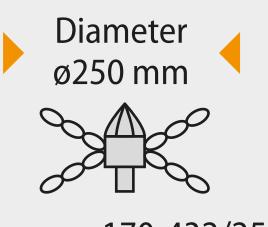
70⁰⁰ €/pc ex VAT

Tornado PRO Brushes



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Item no: 170-432/25



Item no: 170-432/35

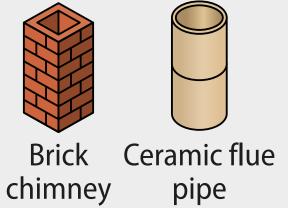


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 6 parts chain and a disruptive front part

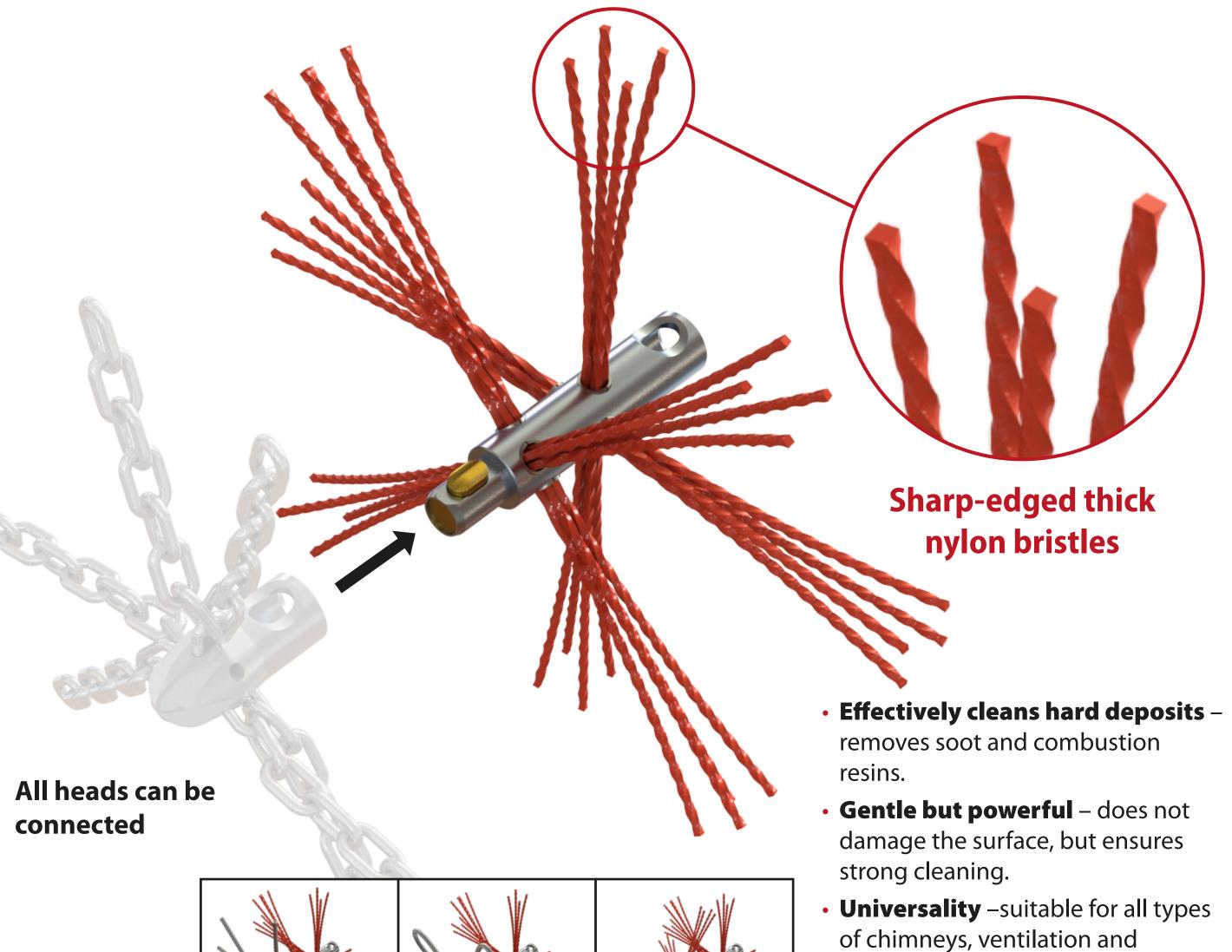
Item no: 170-432/25 Diameter ø250 mm

Item no: 170-432/35 Diameter ø350 mm

80⁰⁰ €/pc ex VAT

3D view



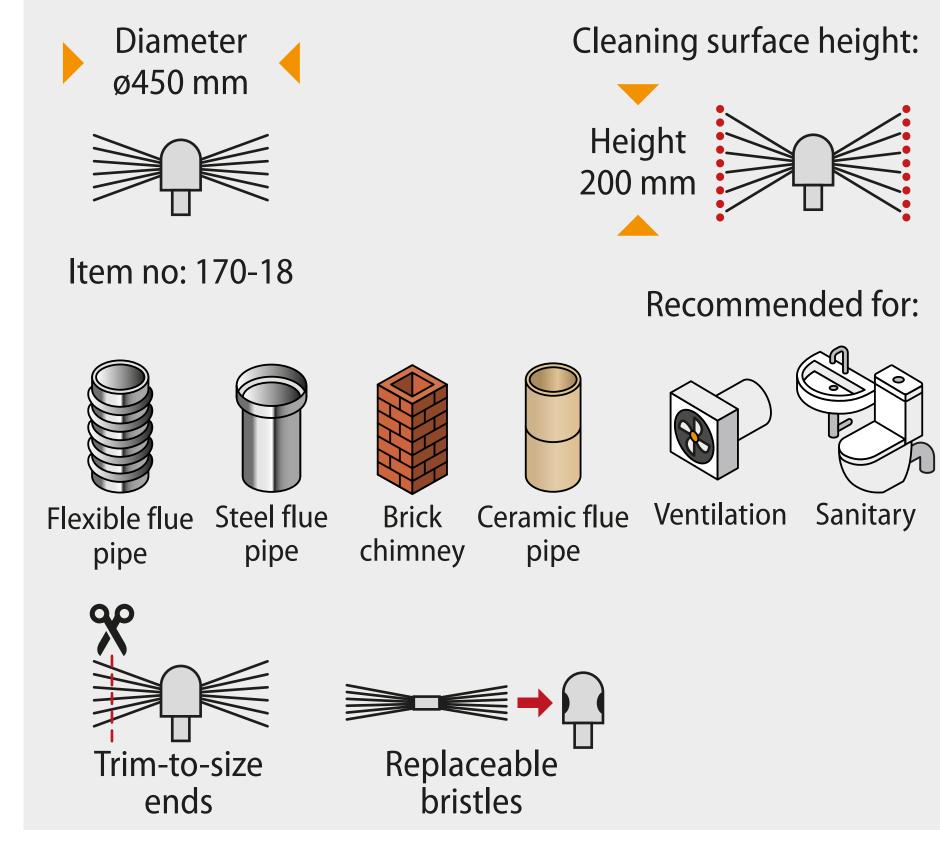


plumbing pipes.

up to 400 mm.

Adaptability – easily adapts to all

shapes of openings and diameters



Tornado PRO COMBO brush with nylon bristles.

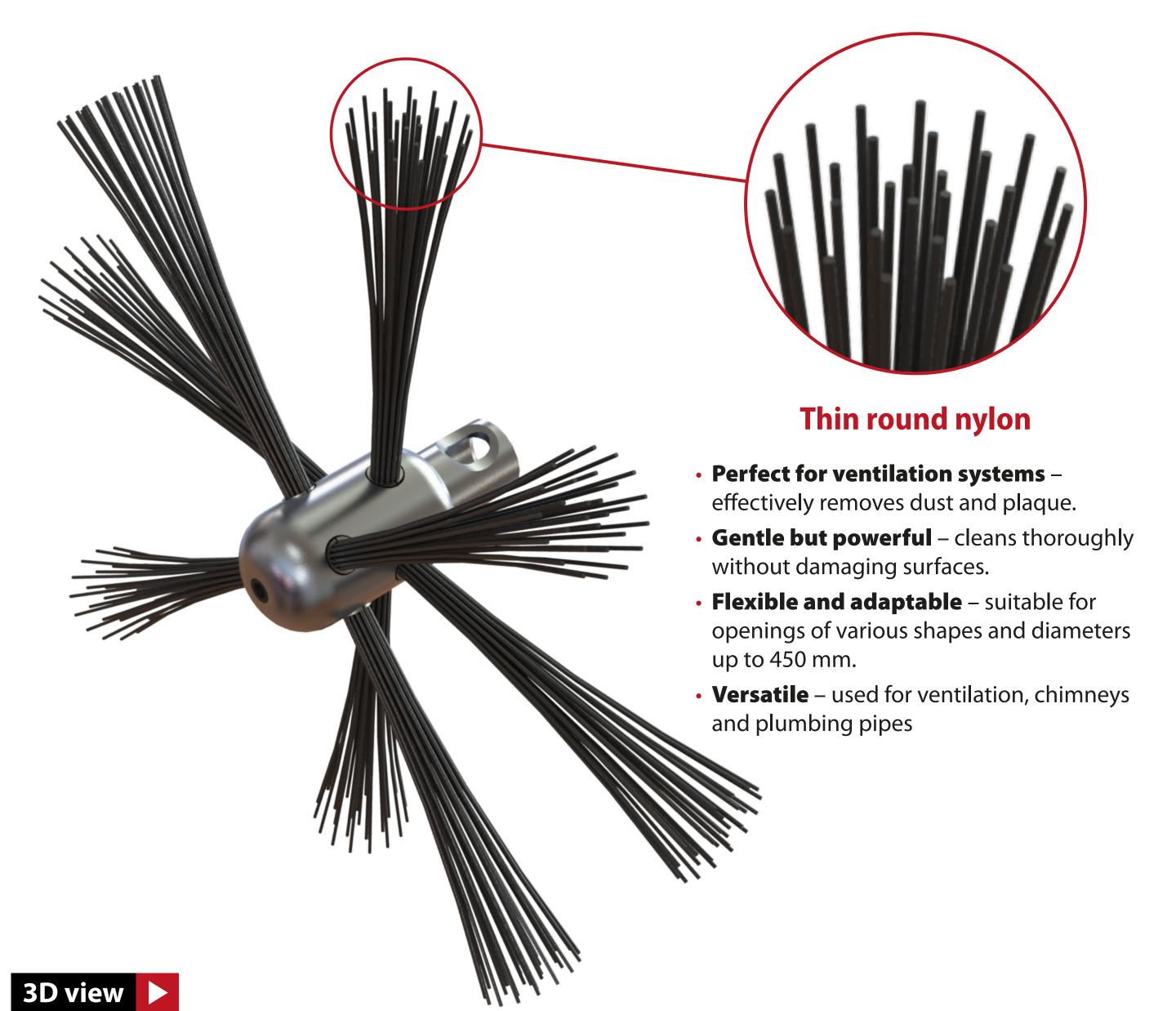
Item no: 170-18 Diameter ø450 mm

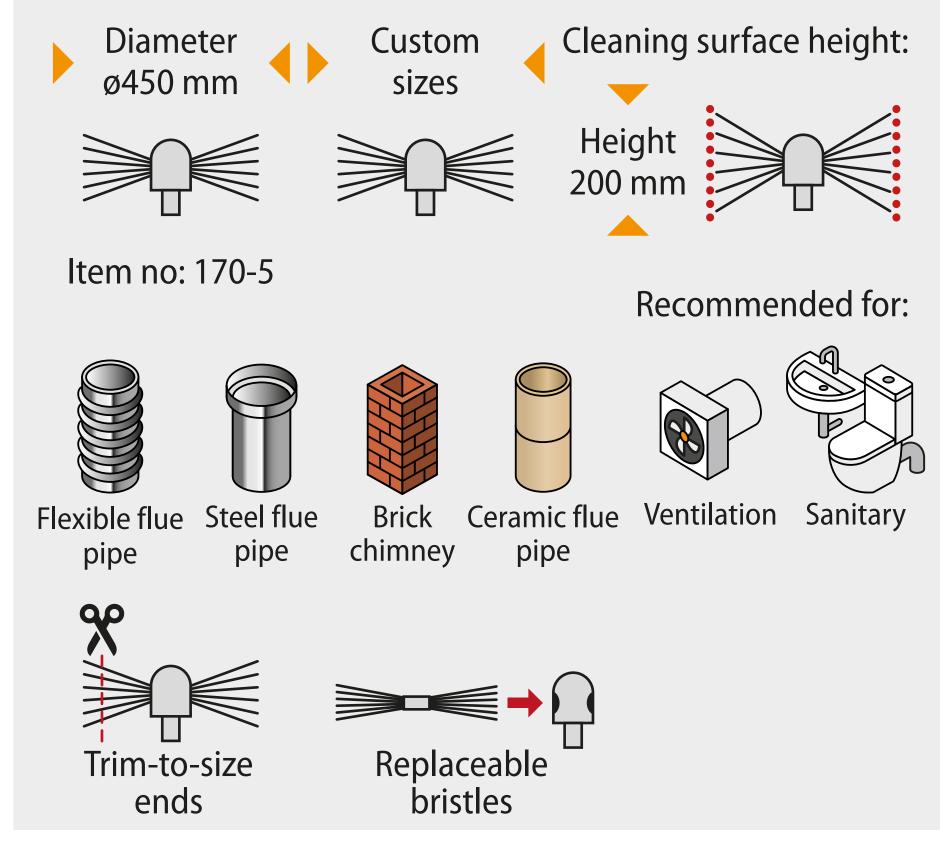
6000 €/pc ex VAT

Additional part for all the heads.

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Tornado
ventilation head
with soft nylon
bristles

170-5
Diameter ø450 mm

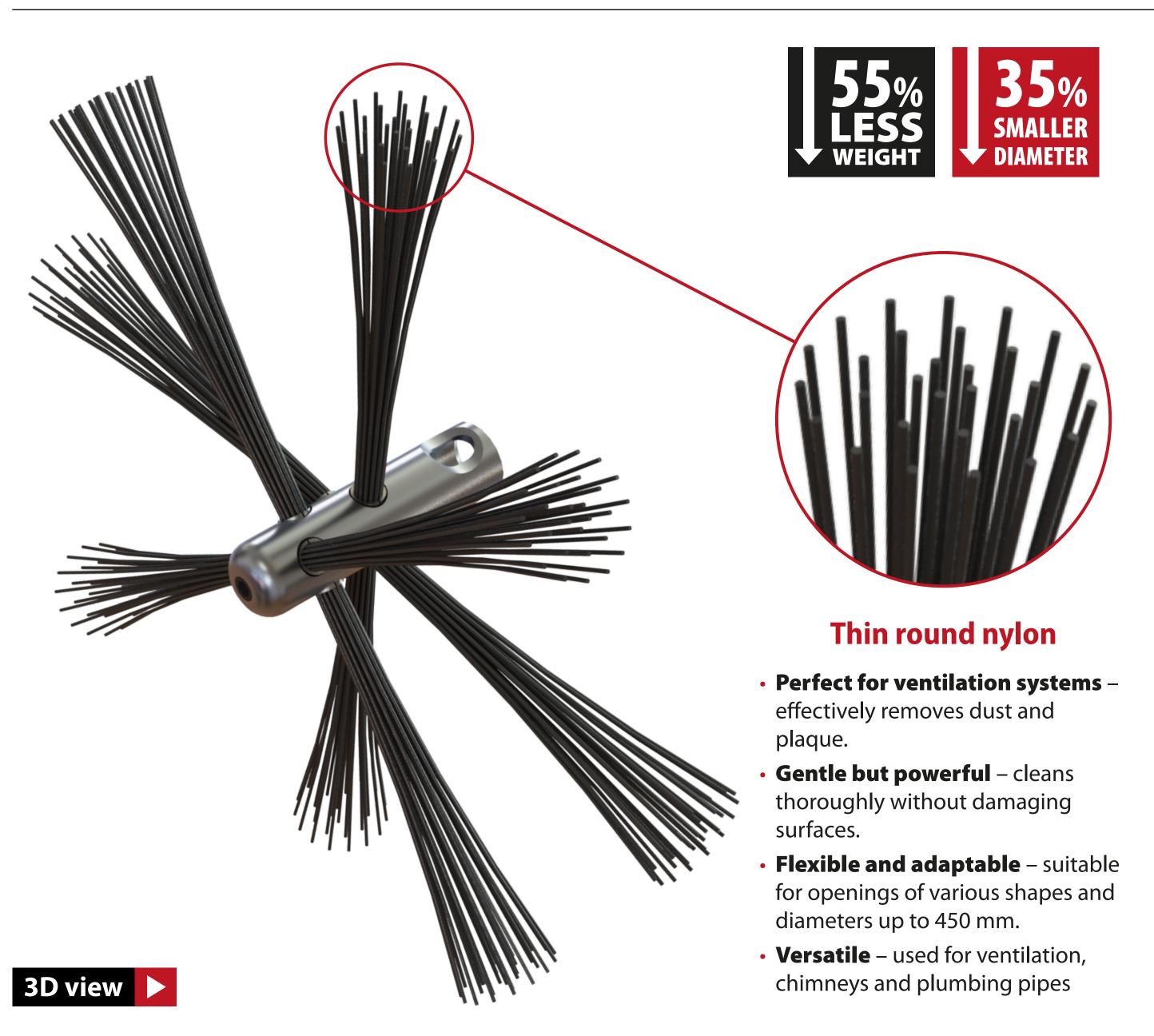
Other dimensions can be ordered individualy

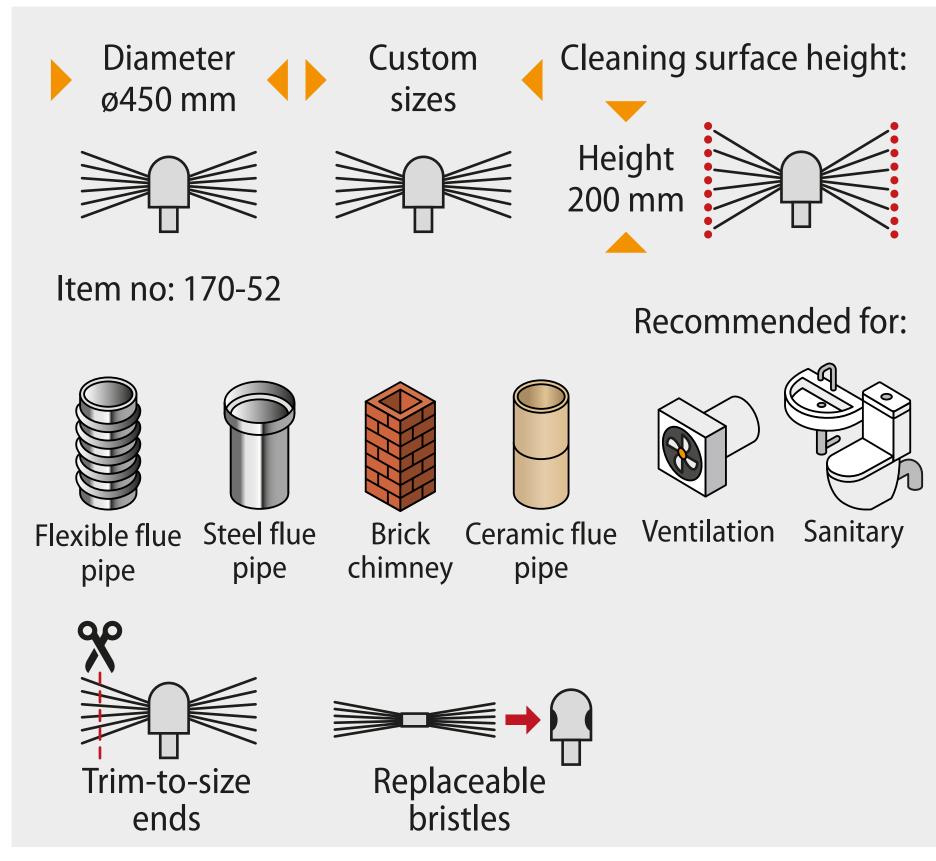
8000 €/pc ex VAT

Price available upon request

www.hansaflame.com







Tornado LIGHT ventilation head with soft nylon bristles

Item no: 170-52 Diameter ø450 mm

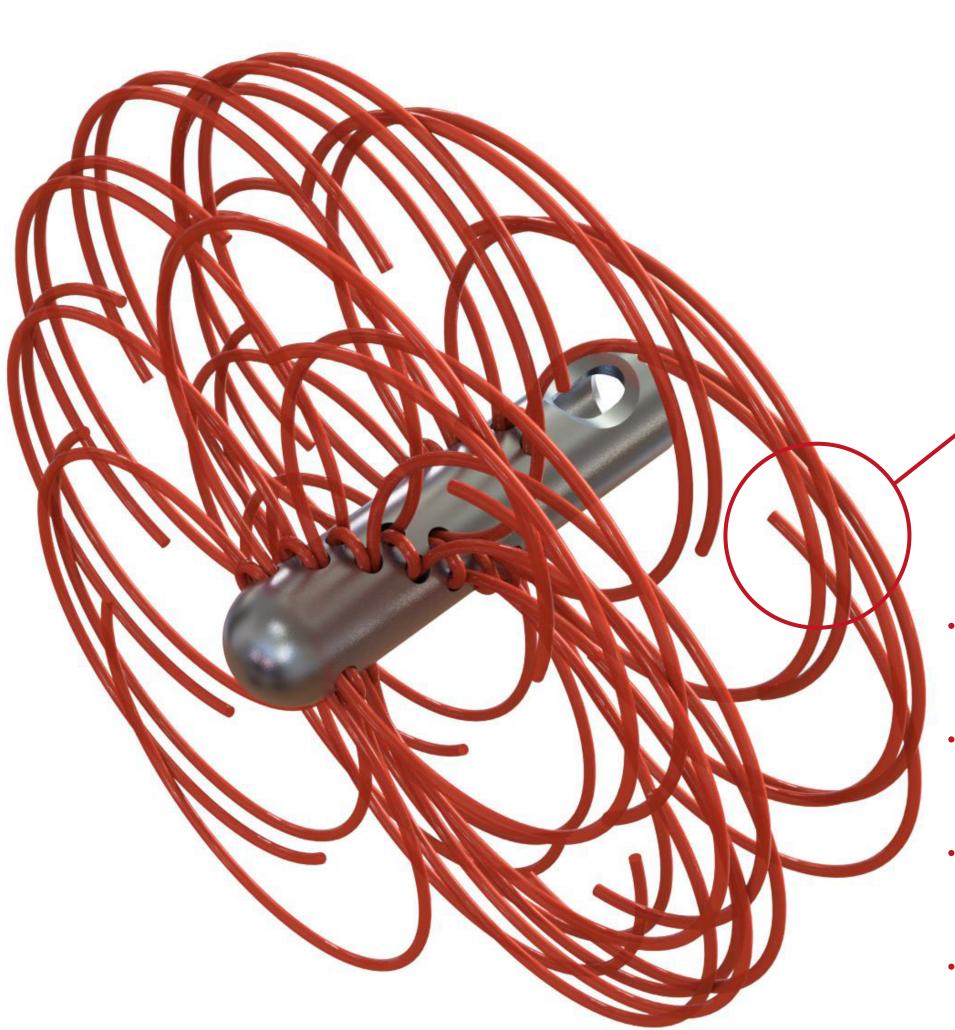
Other dimensions can be ordered individualy

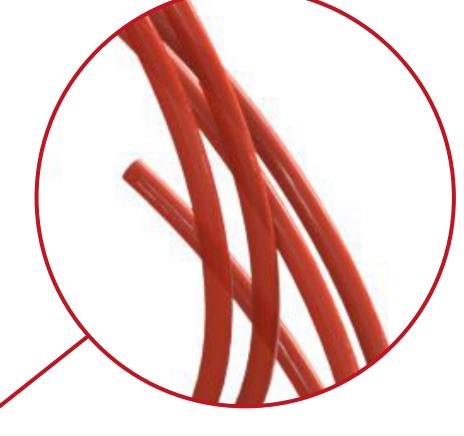
80⁰⁰ €/pc ex VAT

Price available upon request

www.hansaflame.com

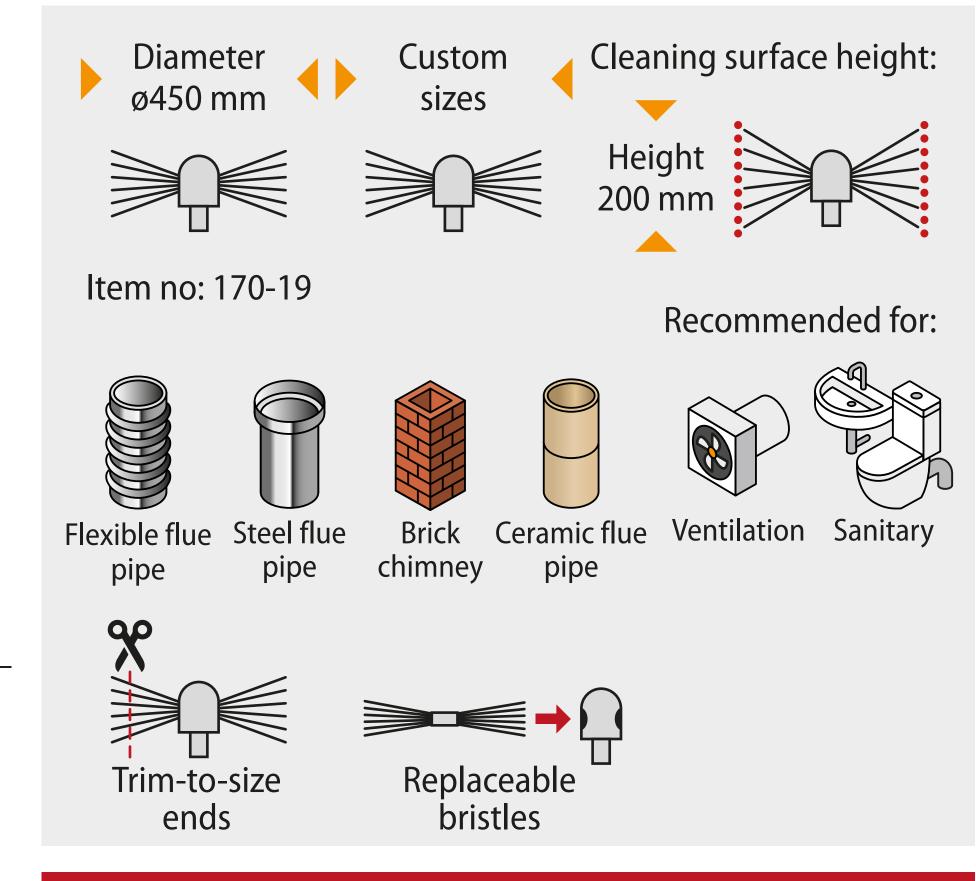






Sharp-edged thick nylon bristles

- **Effectively cleans hard deposits** removes soot and combustion resins.
- **Gentle but powerful** does not damage the surface, but ensures strong cleaning.
- Universality –suitable for all types of chimneys, ventilation and plumbing pipes.
- Adaptability easily adapts to all shapes of openings and diameters up to 450 mm.





Item no: 170-19Diameter
ø450 mm

Other dimensions can be ordered individualy

6000 €/pc ex VAT

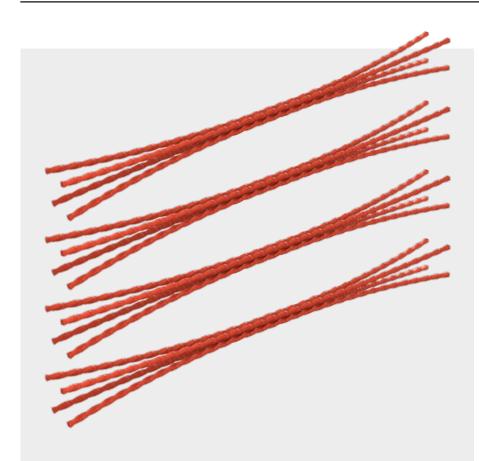
Price available upon request

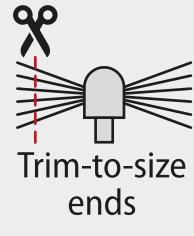


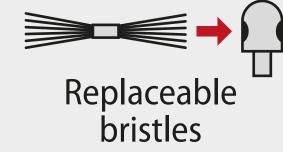
Tornado PRO | Additional parts

www.hansaflame.com



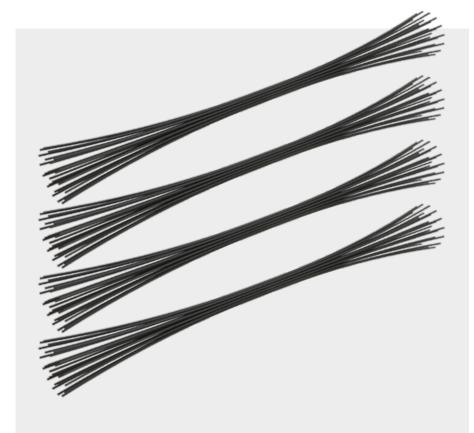


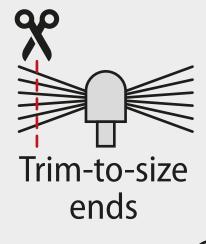




Replacement red nylon bristles 4 pcs Item no: 170-6

500 €/set ex VAT







Replacement black nylon bristles 4 pcs Item no: 170-61

25⁰⁰ €/set ex VAT





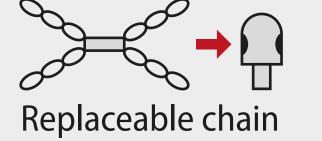
Replaceable chain

Replacement stainless steel chain 3 pcs

Item no: 170-62

5⁰⁰ €/set ex VAT ex VAT





Long replacement stainless steel chain 3 pcs

Item no: 170-63

20⁰⁰ €/set ex VAT

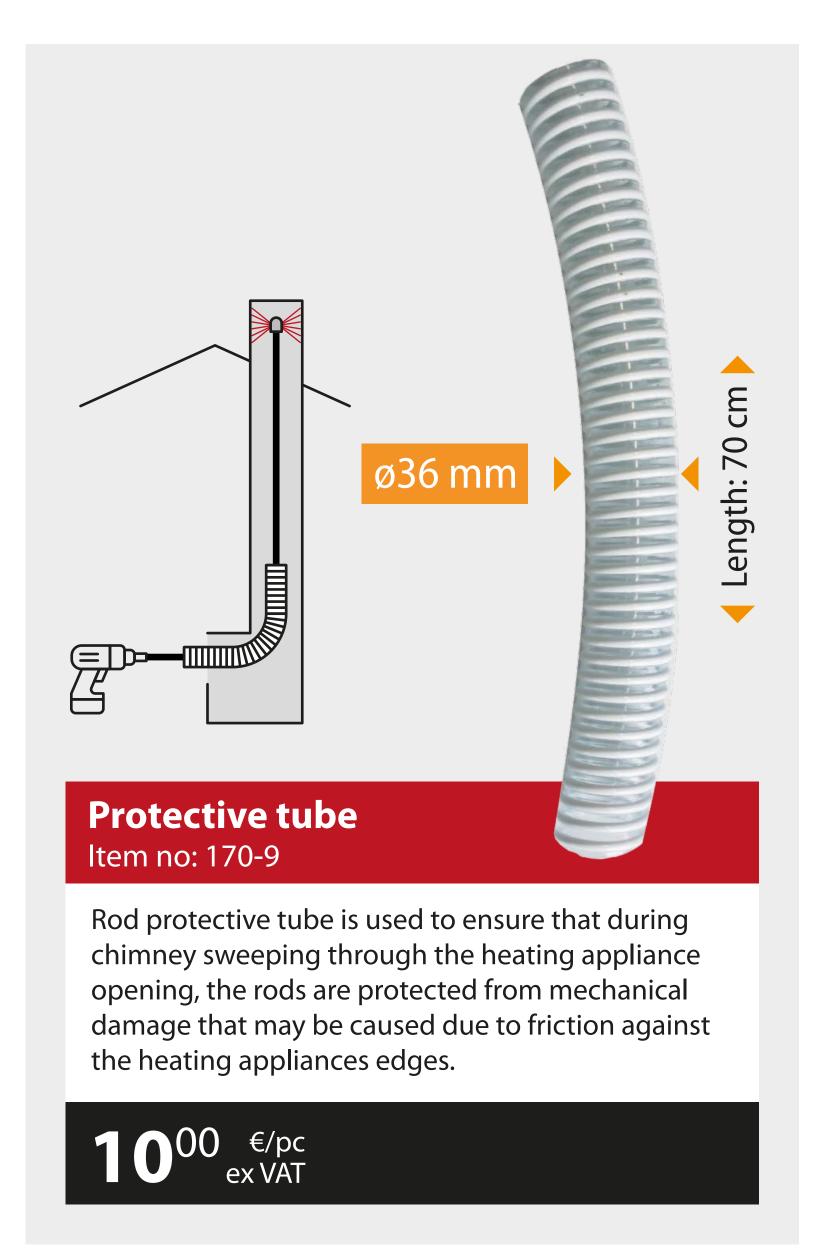


Replacement cable whip 4 pcs Item no: 170-64

Tornado PRO | Additional parts

www.hansaflame.com



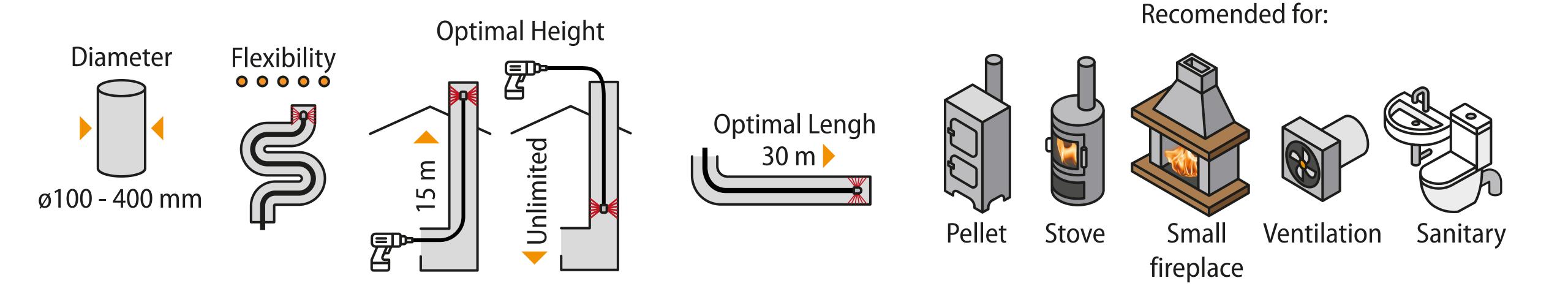






Tornado COBRA





Tornado COBRA Introduction

www.hansaflame.com

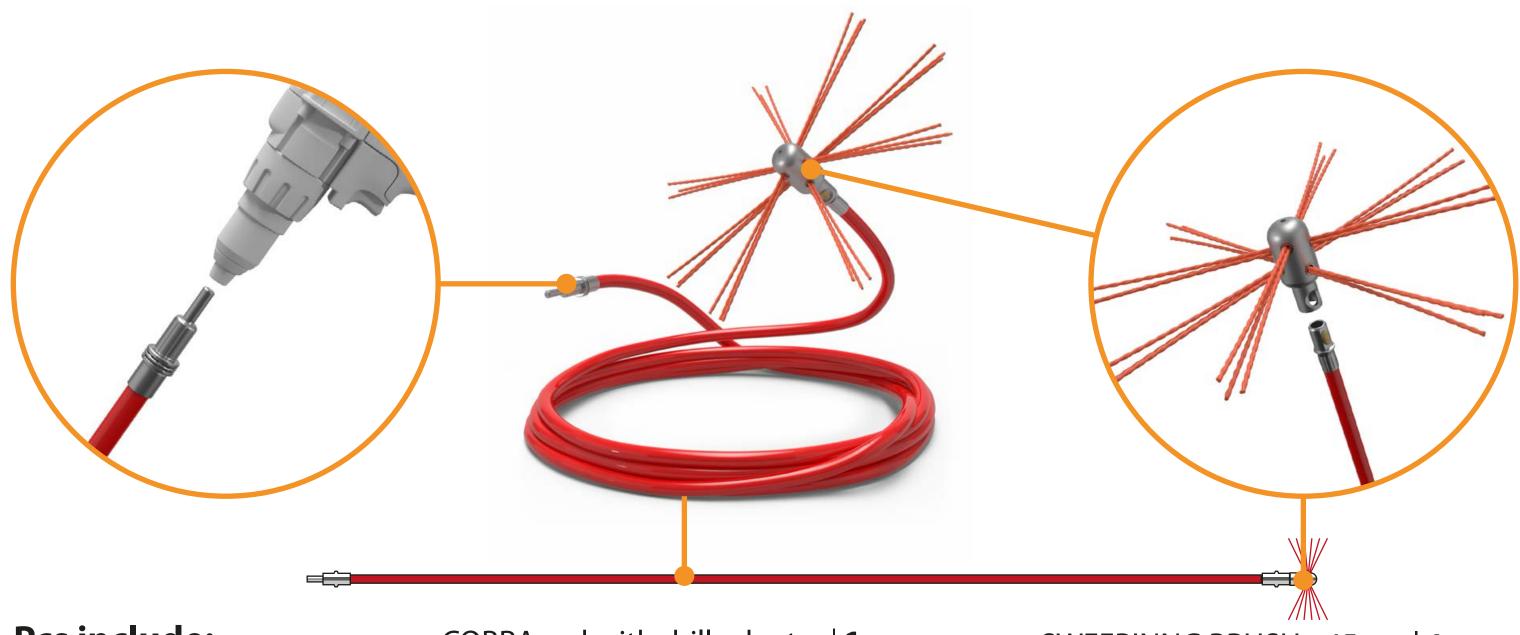




Tornado COBRA Kits

www.hansaflame.com

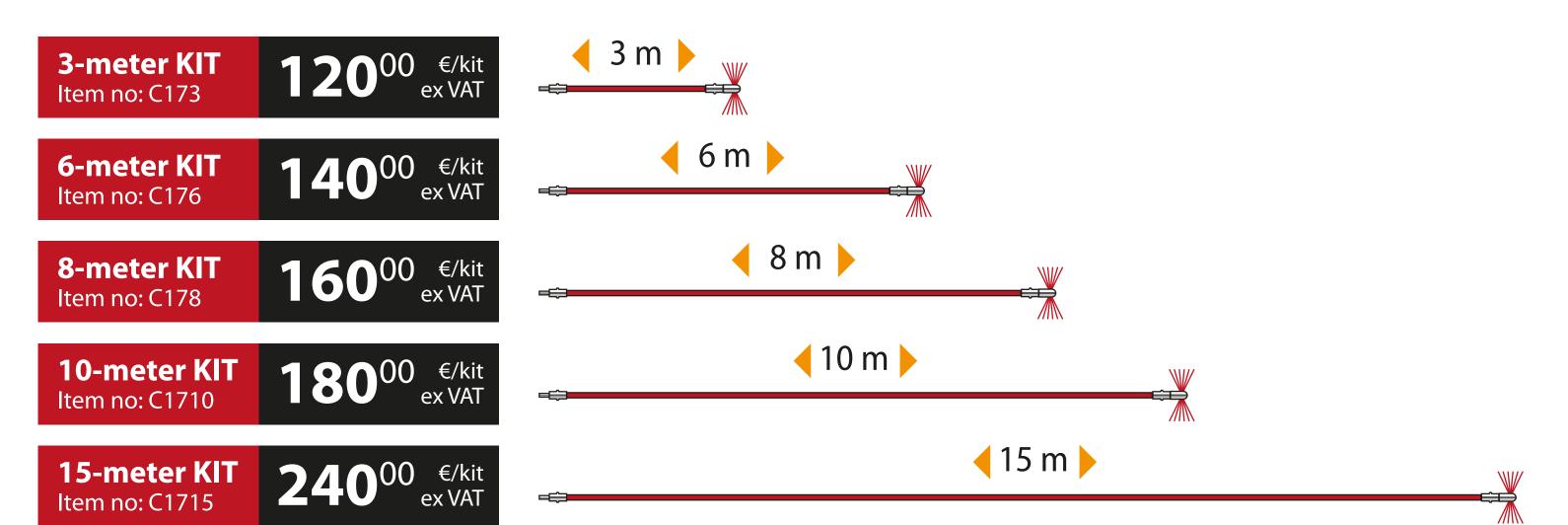


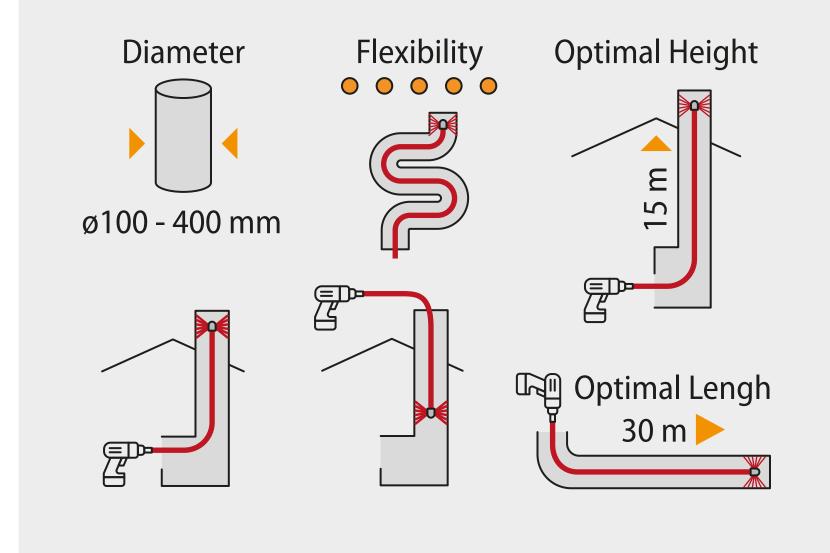


Pcs include:

COBRA rod with drill adapter | 1 pc

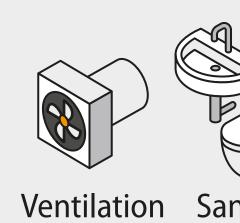
SWEEPINNG BRUSH ø45 cm | 1 pc Item no: 170-2

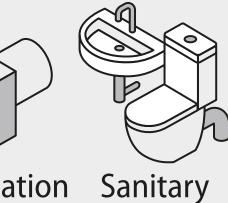




RECOMENDED FOR:



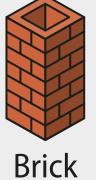




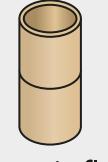
Flexible flue

pipe

Steel flue pipe



chimney

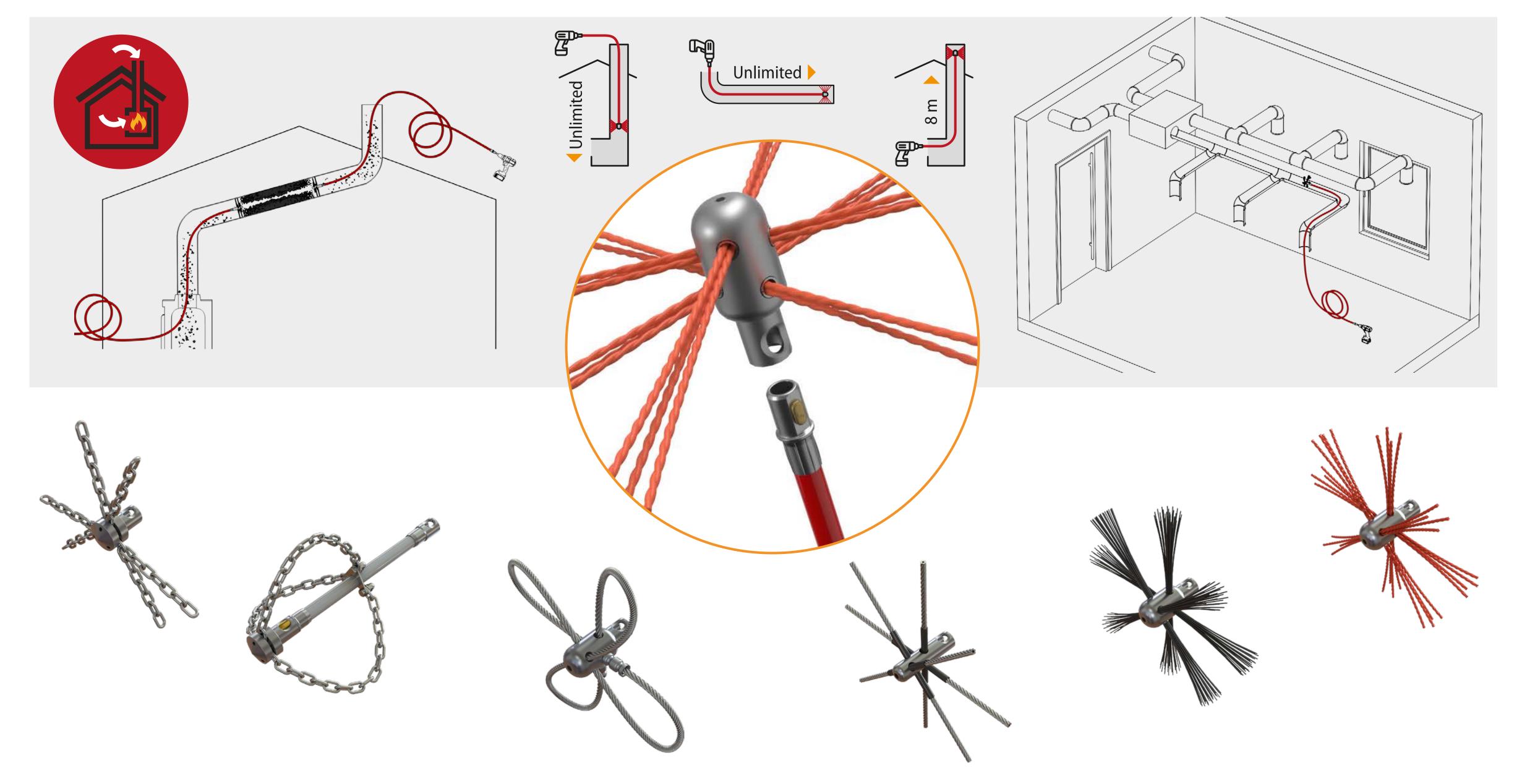


Ceramic flue pipe

Tornado COBRA | Brushes



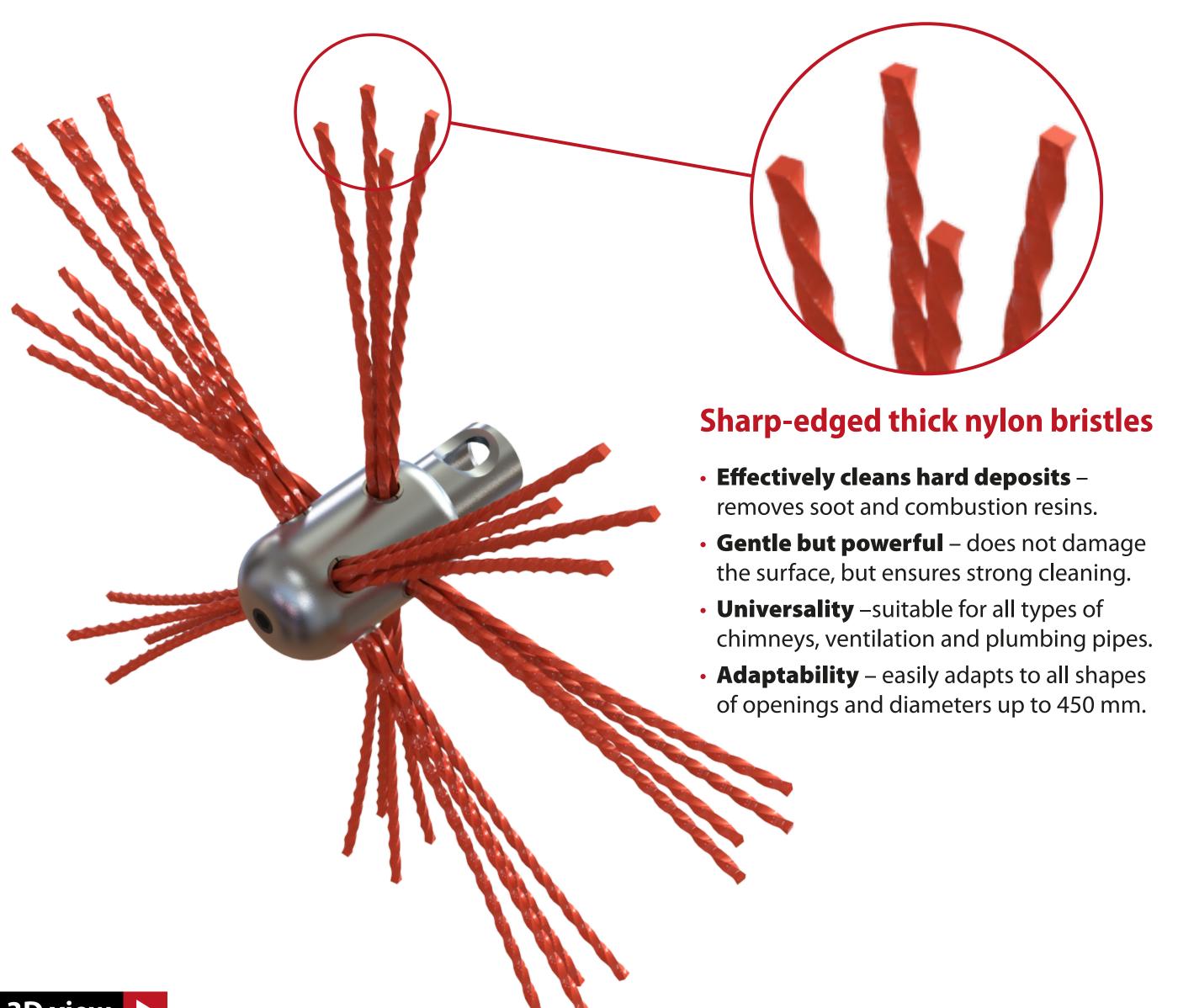


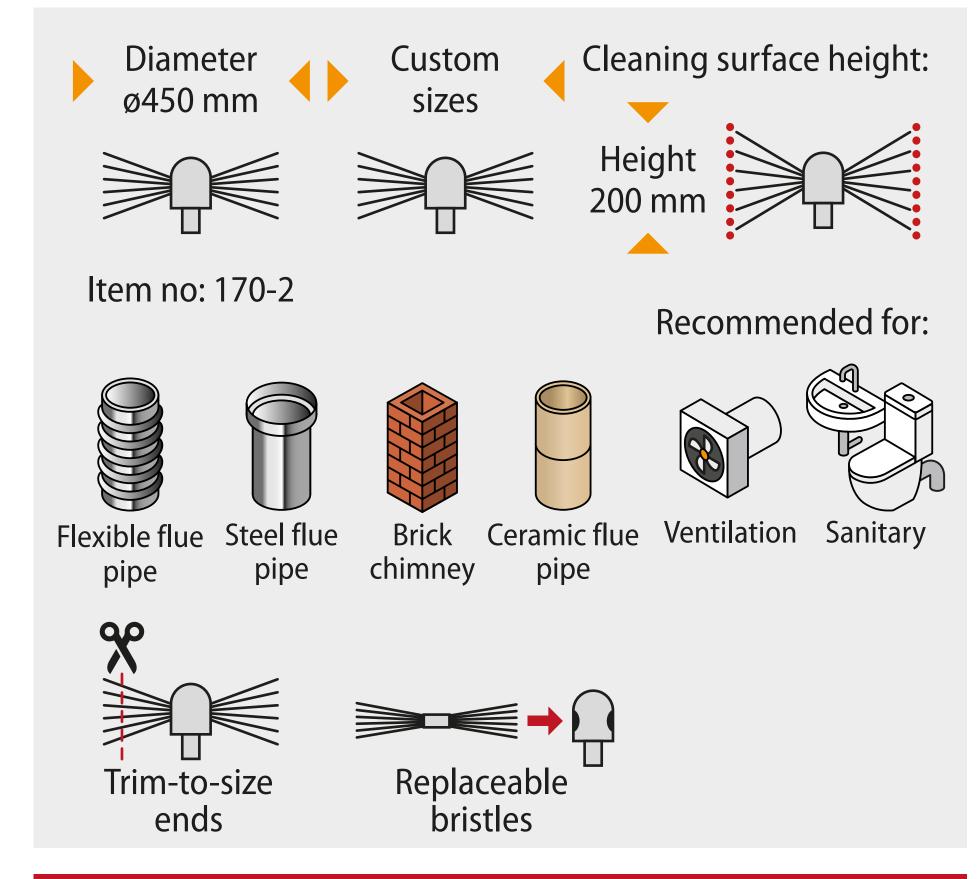


Tornado COBRA Brushes

www.hansaflame.com







Tornado universal head with nylon bristles Item no: 170-2

Diameter ø450 mm

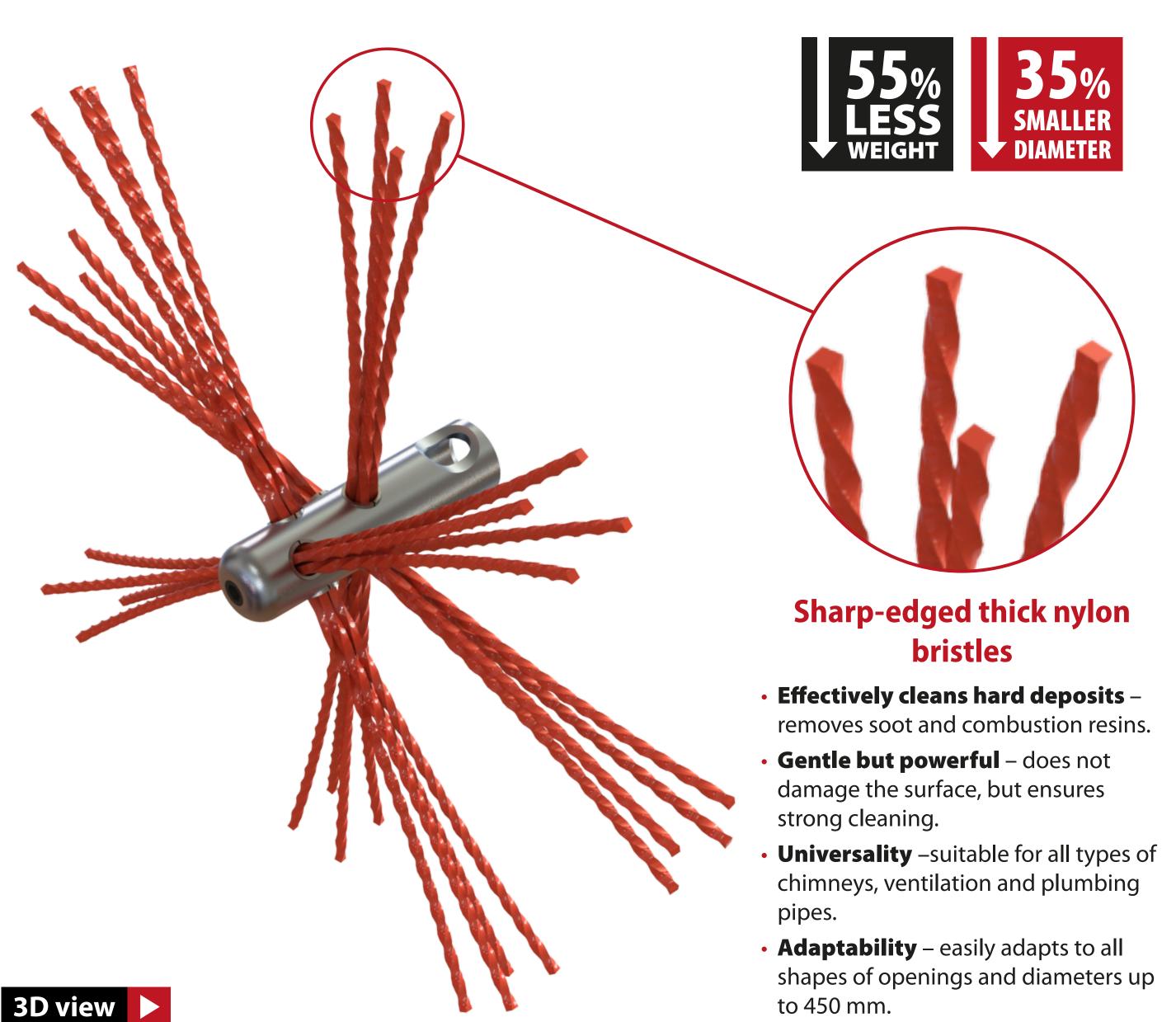
Other dimensions can be ordered individualy

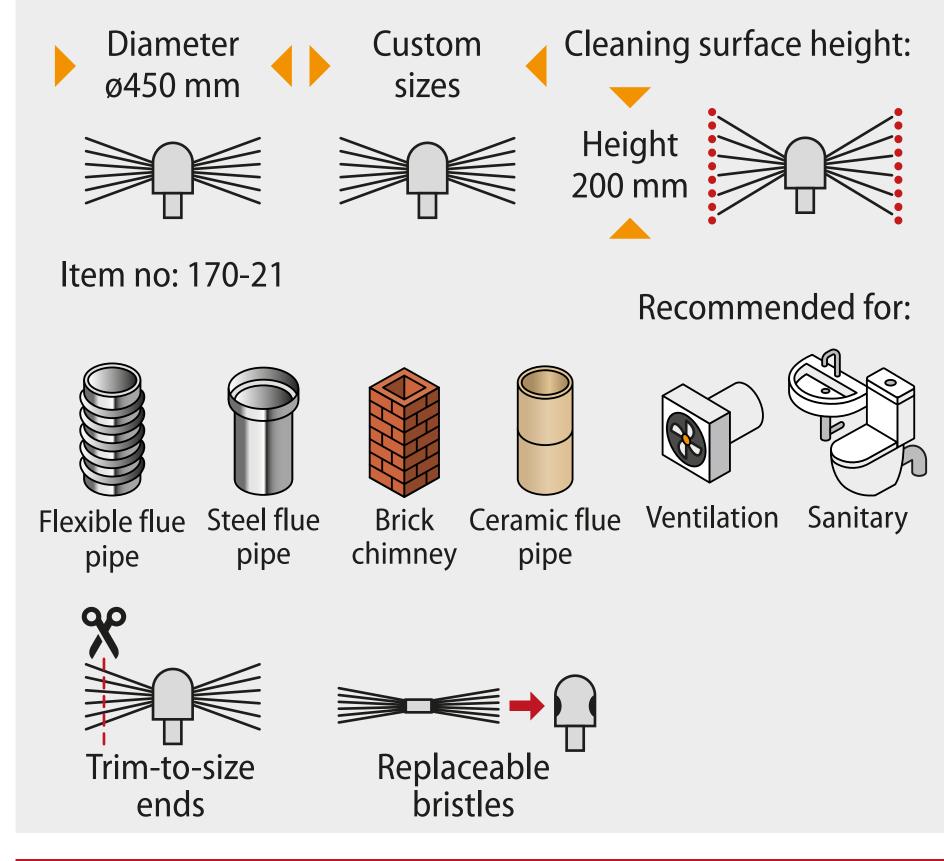
6000 €/pc ex VAT

Price available upon request









Tornado LIGHT universal head with nylon bristles

Item no: 170-21Diameter

Other dimensions can be ordered individualy

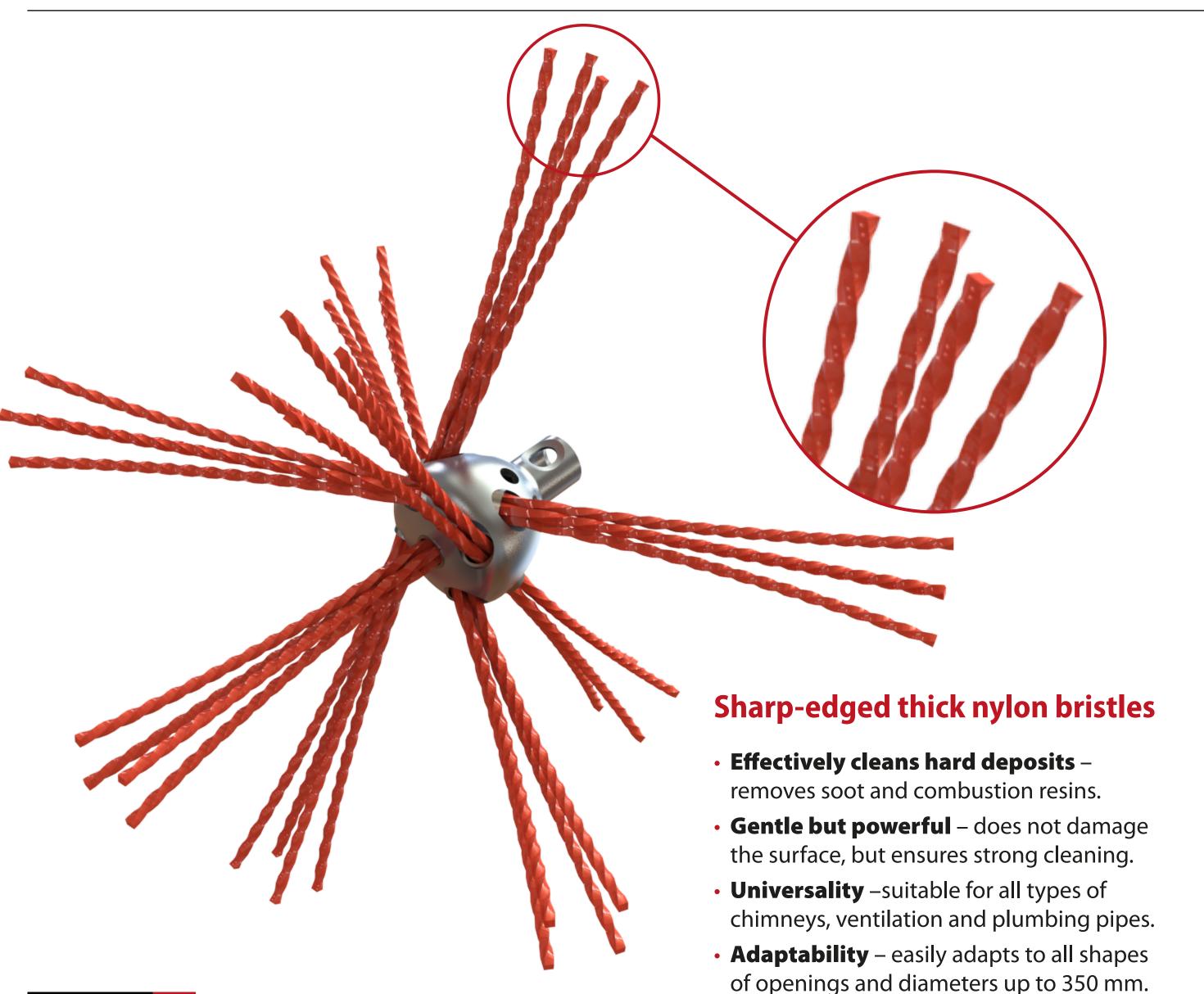
6000 €/pc ex VAT

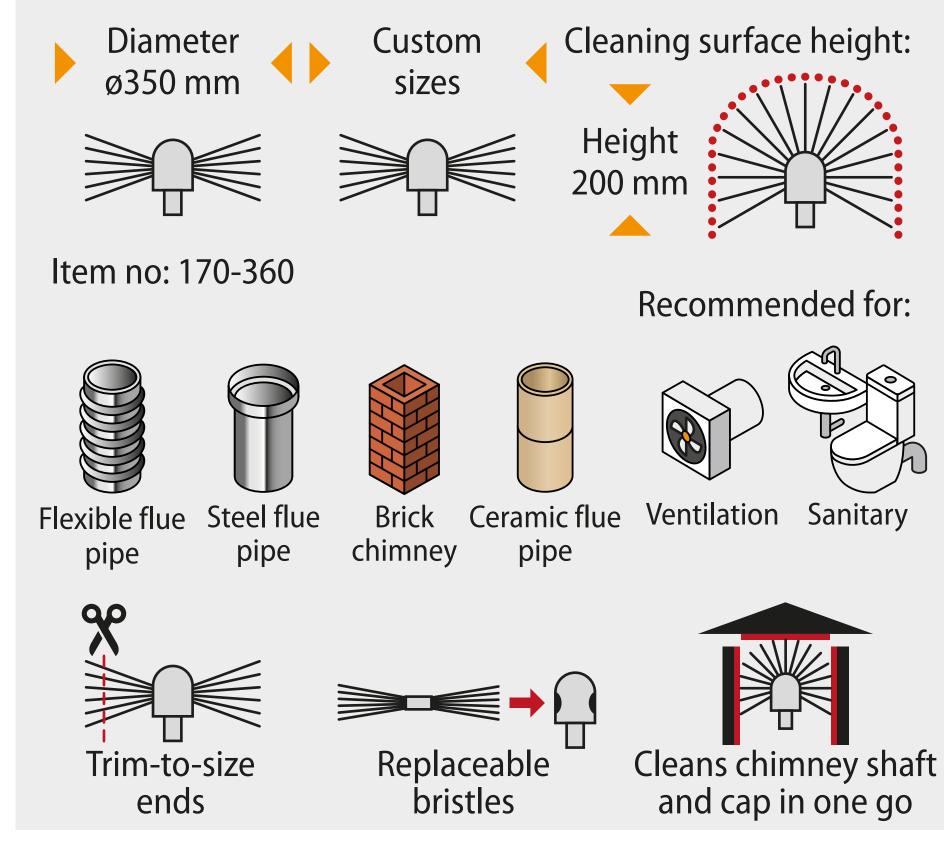
ø450 mm

Price available upon request

3D view







Tornado
360 head
with nylon bristles

Item no: 170-360Diameter
ø350 mm

Other dimensions can be ordered individualy

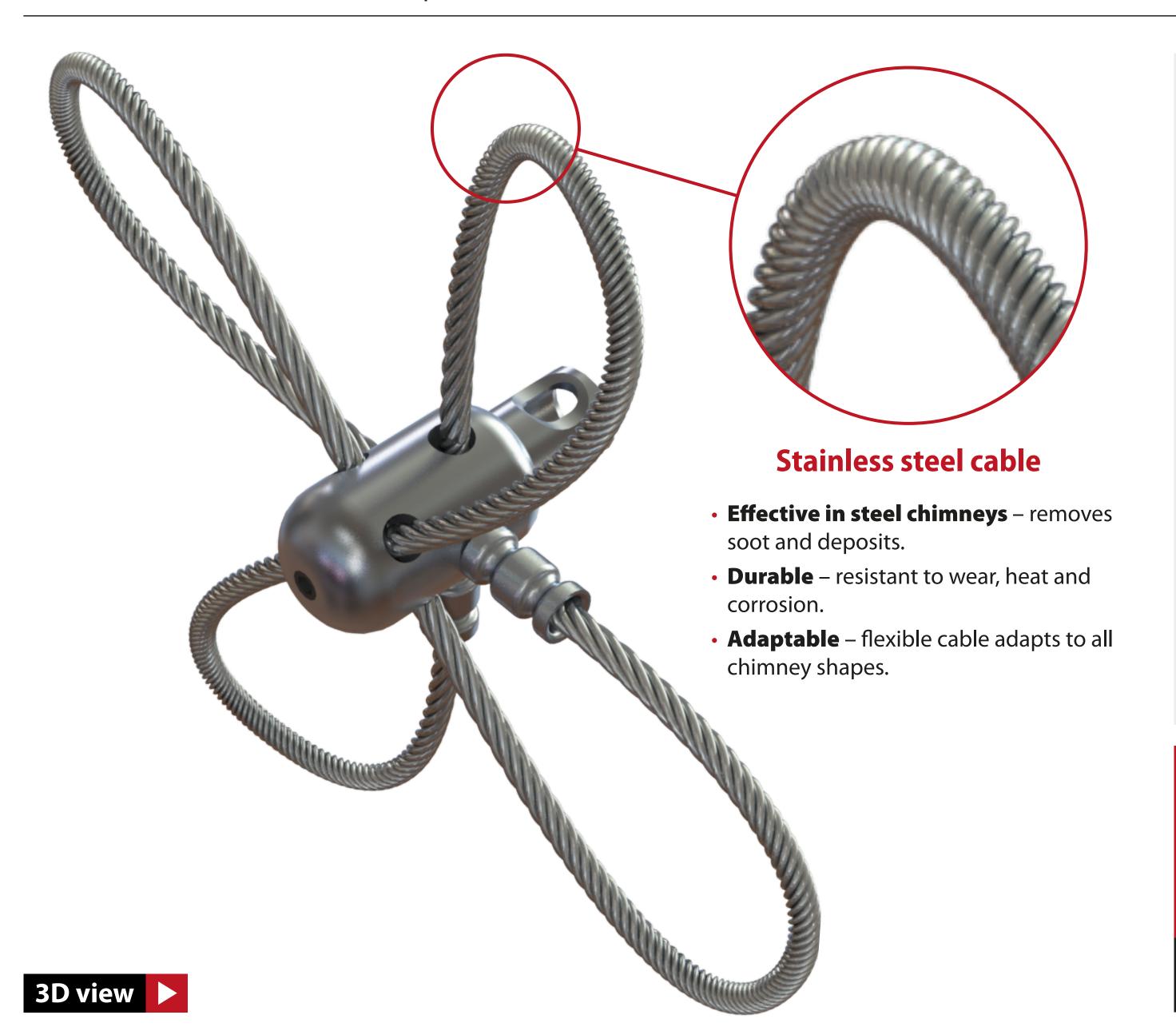
80⁰⁰ €/pc ex VAT

Price available upon request

Tornado COBRA Brushes

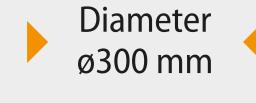
www.hansaflame.com







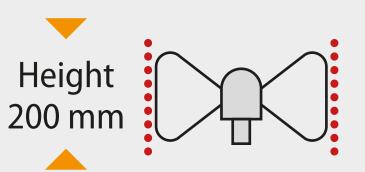
Item no: 170-3/25





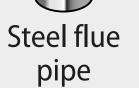
Item no: 170-3/30

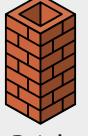
Cleaning surface height:



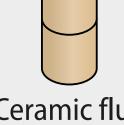
Recommended for:







Brick (chimney



Ceramic flue pipe

Tornado head cable loop Item no: 170-3/25 Diameter ø250 mm Item no: 170-3/30 Diameter ø300 mm

60⁰⁰ €/pc ex VAT

Tornado COBRA Brushes

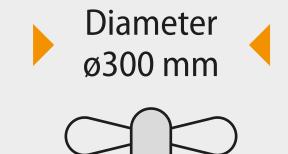
www.hansaflame.com





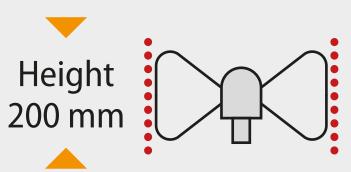


Item no: 170-31/25



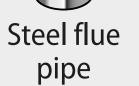
Item no: 170-31/30

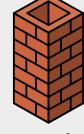
Cleaning surface height:



Recommended for:







Brick Ce chimney

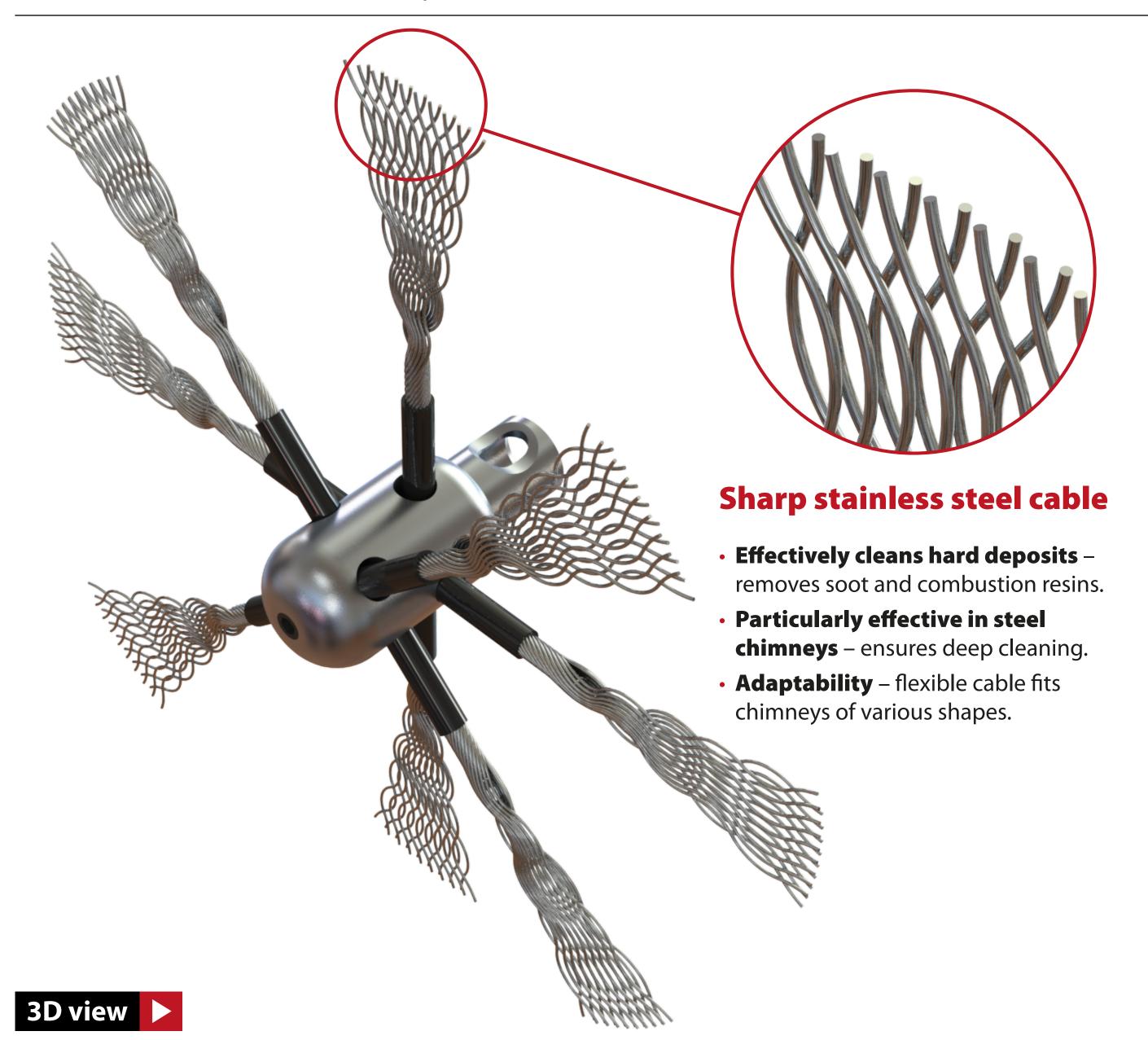
Ceramic flue pipe

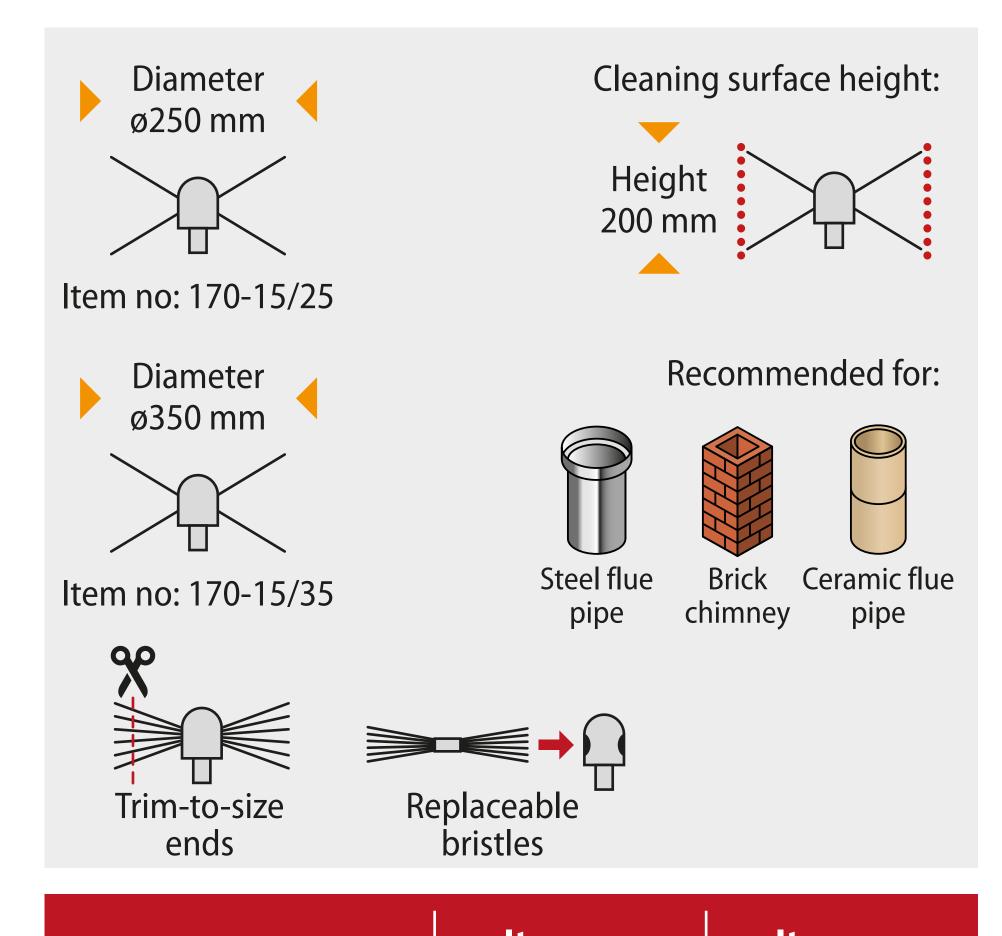
Tornado LIGHT
Light head
cable loop

Item no: 170-31/25 Diameter ø250 mm **Item no: 170-31/30**Diameter
ø300 mm

60⁰⁰ €/pc ex VAT







Tornado
head
with sharp cable

Item no: 170-15/25Diameter
ø250 mm

Item no: 170-15/35Diameter
ø350 mm

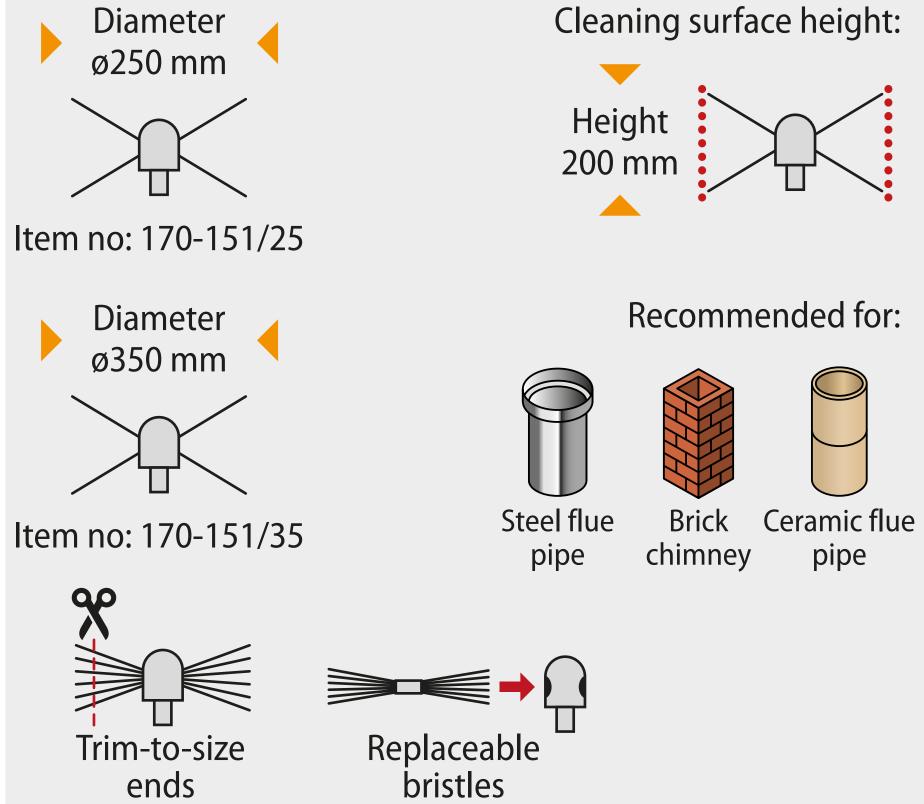
60⁰⁰ €/pc ex VAT

Tornado COBRA Brushes

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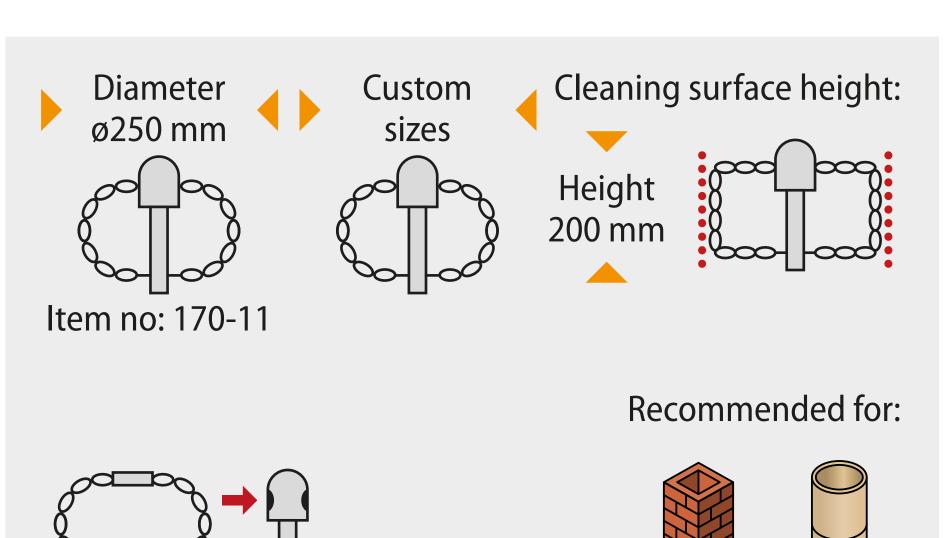


Item no: Item no: 170-151/25 170-151/35 Diameter Diameter ø250 mm ø350 mm

60⁰⁰ €/pc ex VAT

Tornado COBRA | Brushes





Tornado head with round chain

adapt to various chimney shapes and

surfaces.

Replaceable chain

Item no: 170-11 Diameter ø250 mm

Other dimensions can be ordered individualy

Ceramic flue

pipe

chimney

100⁰⁰ €/pc ex VAT

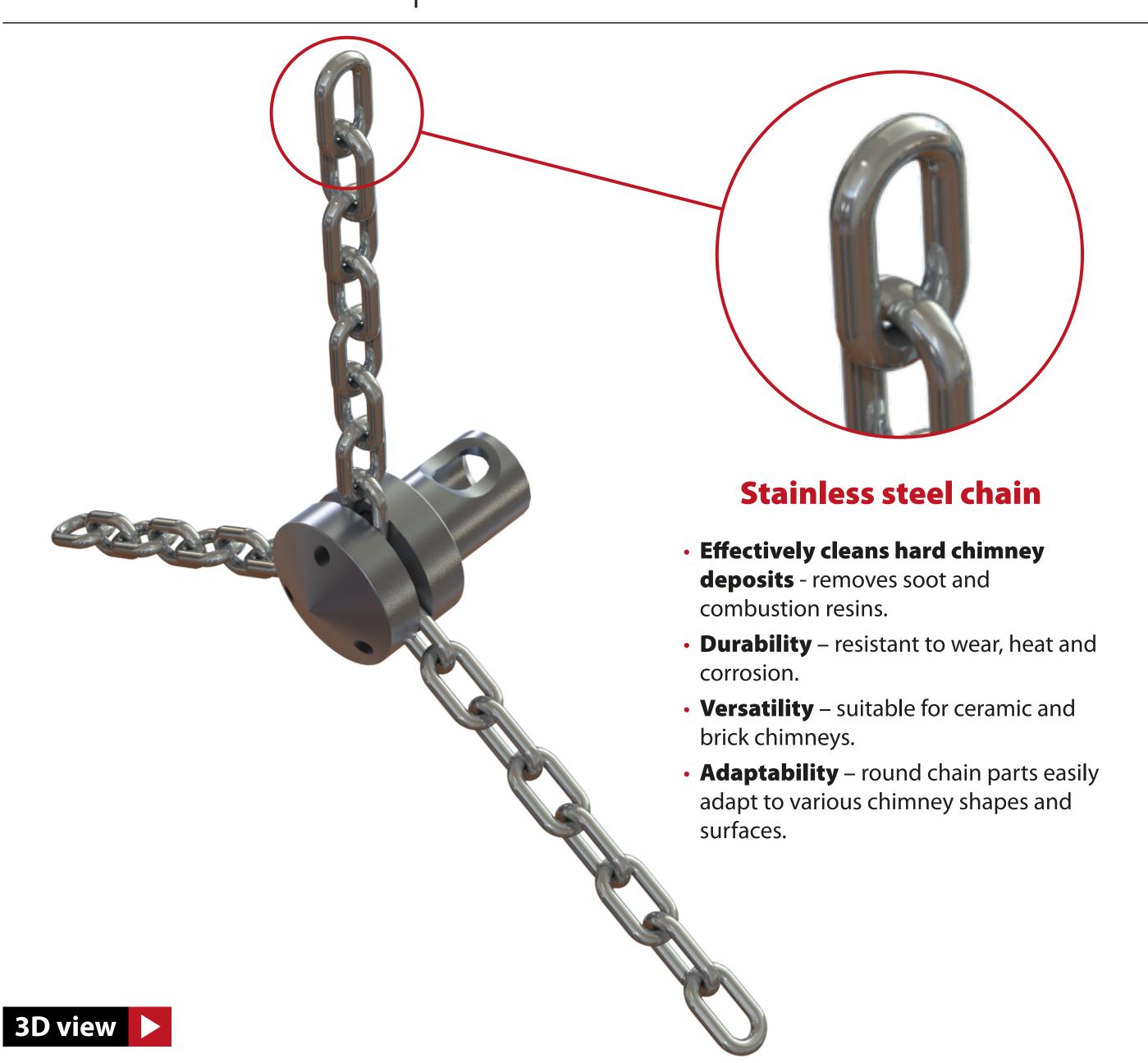
Price available upon request

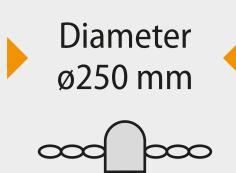


Tornado COBRA Brushes

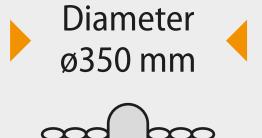
www.hansaflame.com







Item no: 170-4/25



Item no: 170-4/35

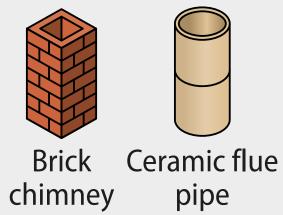


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 3 parts chain

Item no: 170-4/25 Diameter ø250 mm

170-4/35 Diameter ø350 mm

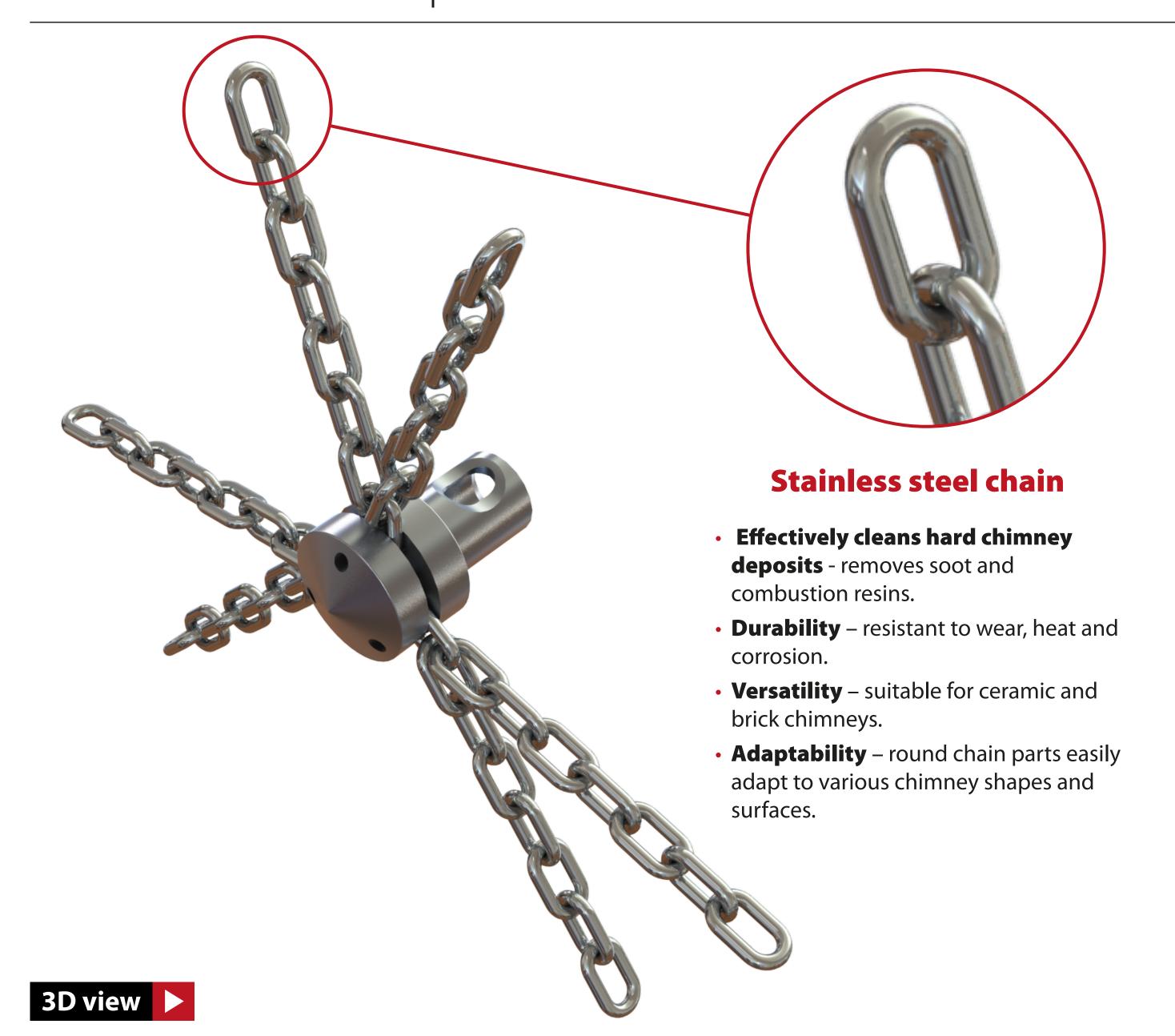
Item no:

60⁰⁰ €/pc ex VAT

Tornado COBRA Brushes



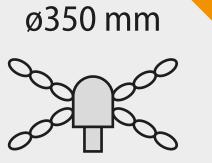




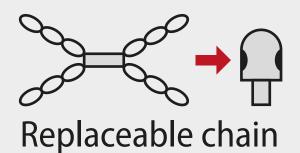


Item no: 170-42/25

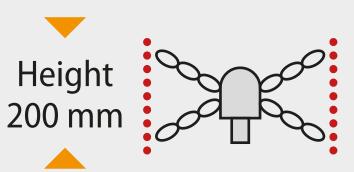
Diameter



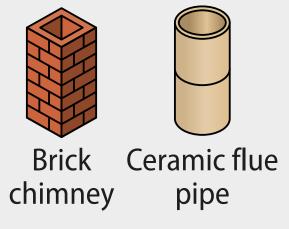
Item no: 170-42/35



Cleaning surface height:



Recommended for:



Tornado head with 6 parts chain

Item no: 170-42/25 Diameter ø250 mm

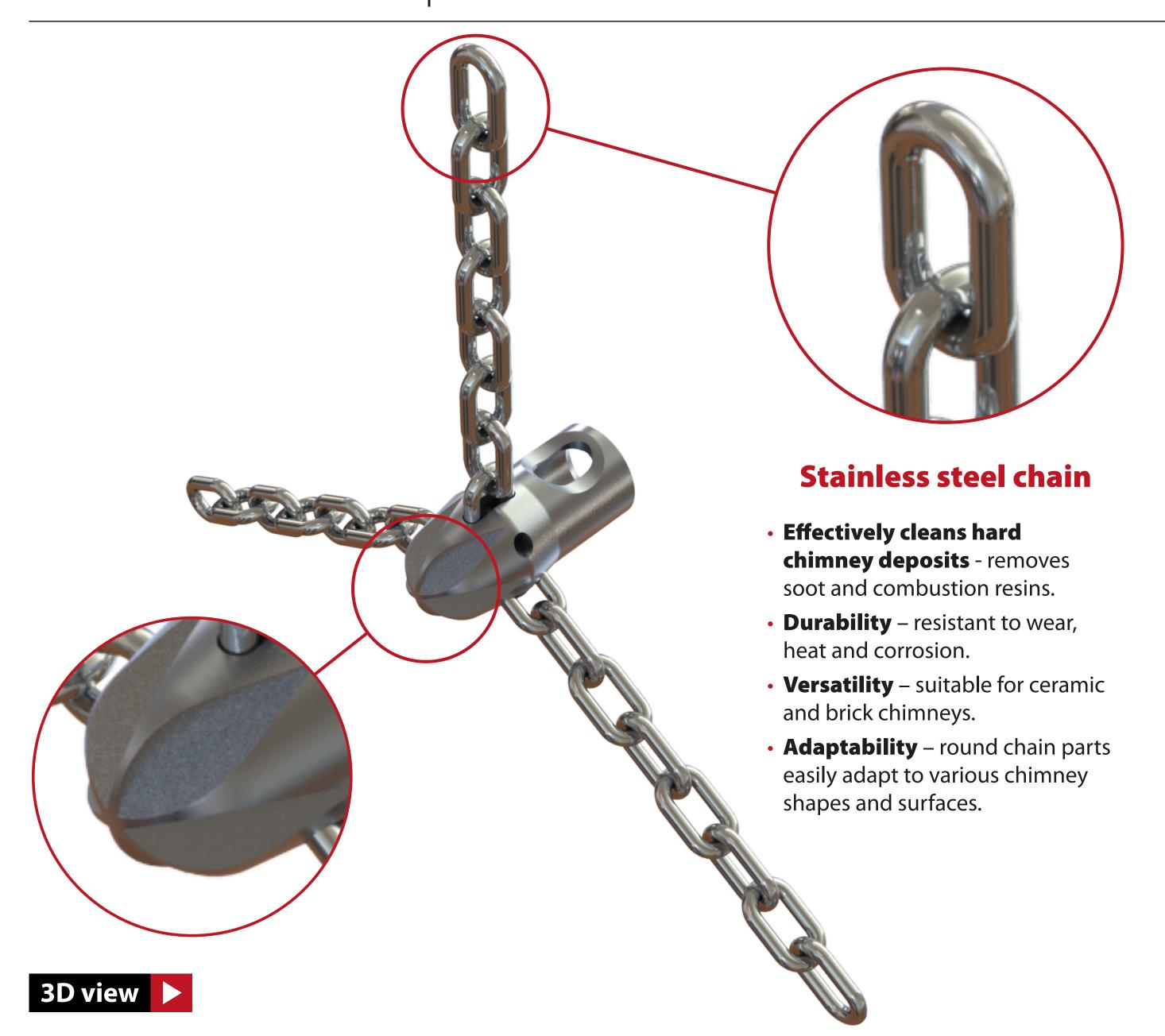
Item no: 170-42/35 Diameter ø350 mm

70⁰⁰ €/pc ex VAT

Tornado COBRA Brushes





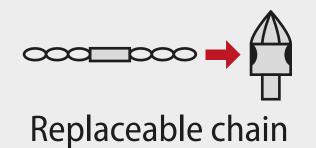




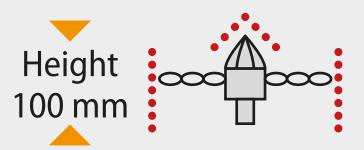
Item no: 170-43/25



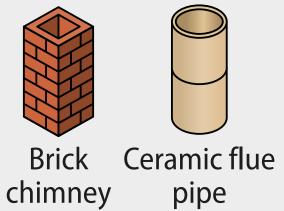
Item no: 170-43/35



Cleaning surface height:



Recommended for:



Tornado head with 3 parts chain and a disruptive front part

Item no: 170-43/25 Diameter ø250 mm

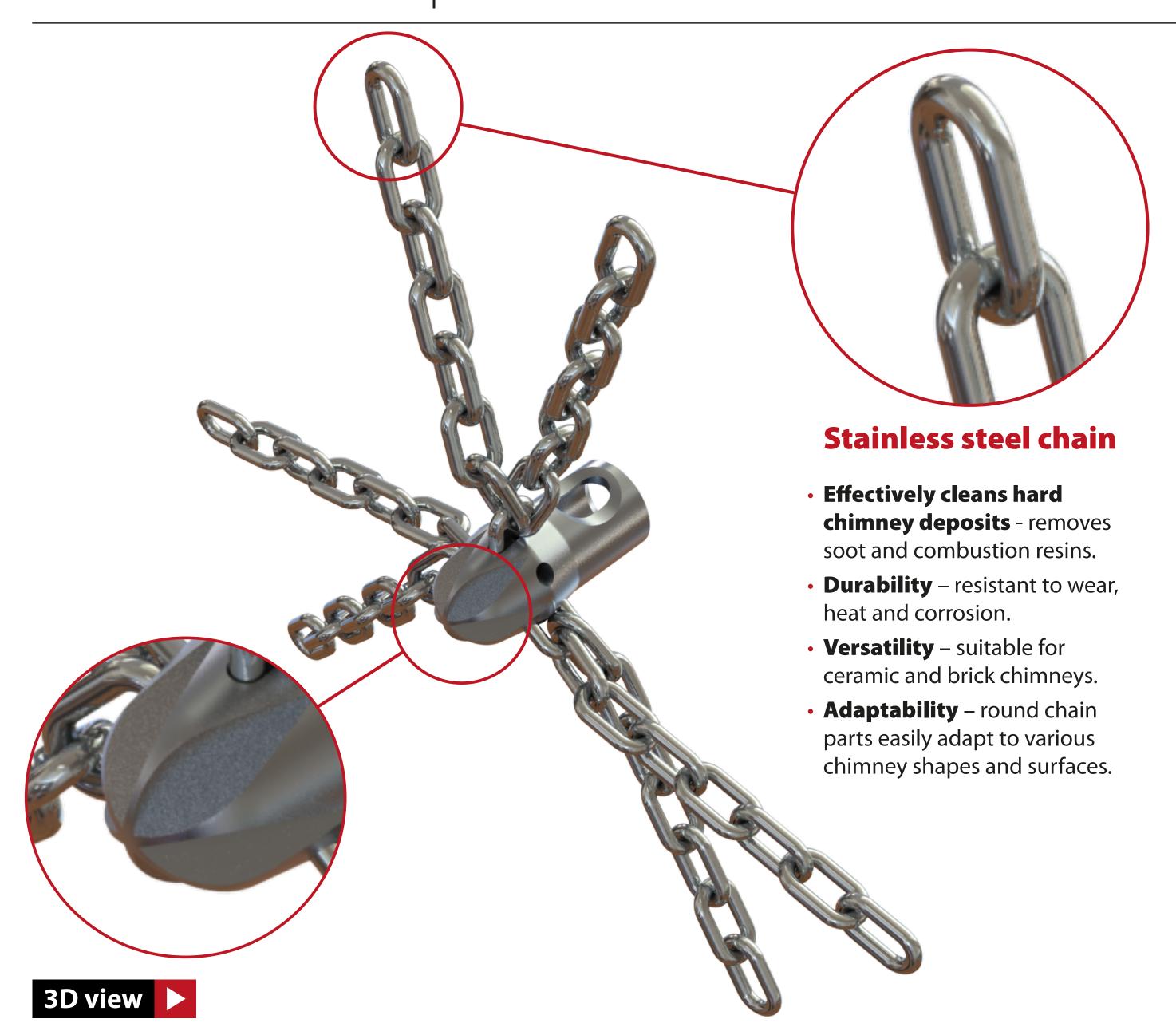
Item no: 170-43/35 Diameter ø350 mm

70⁰⁰ €/pc ex VAT

Tornado COBRA Brushes









Item no: 170-432/25

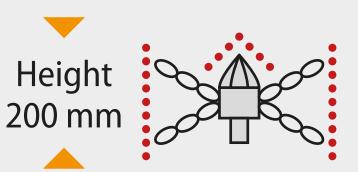


Item no: 170-432/35

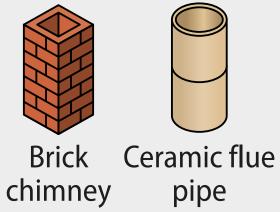


Replaceable chain

Cleaning surface height:



Recommended for:



Tornado head with 6 parts chain and a disruptive front part

Item no: 170-432/25 Diameter ø250 mm

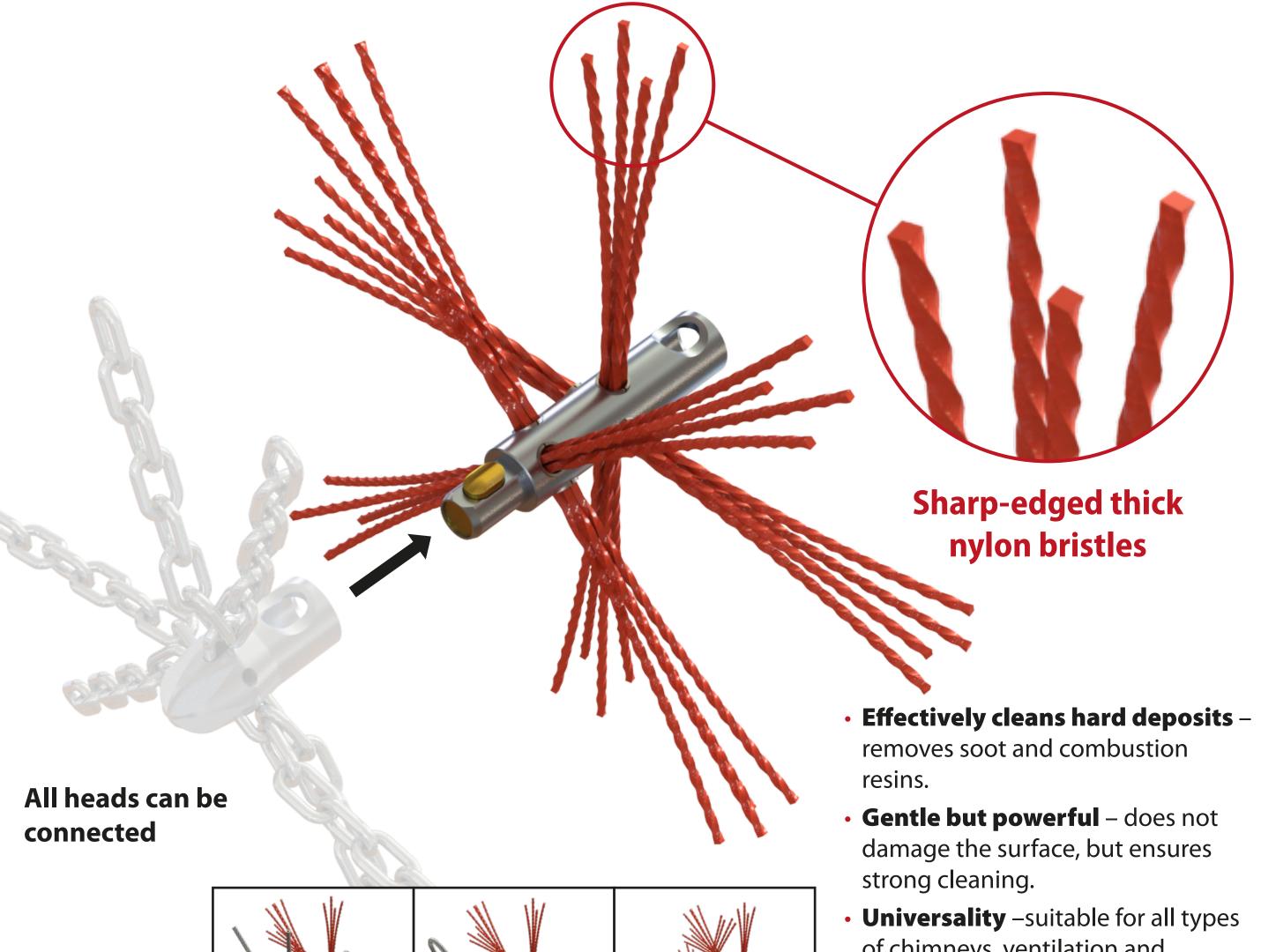
Item no: 170-432/35 Diameter ø350 mm

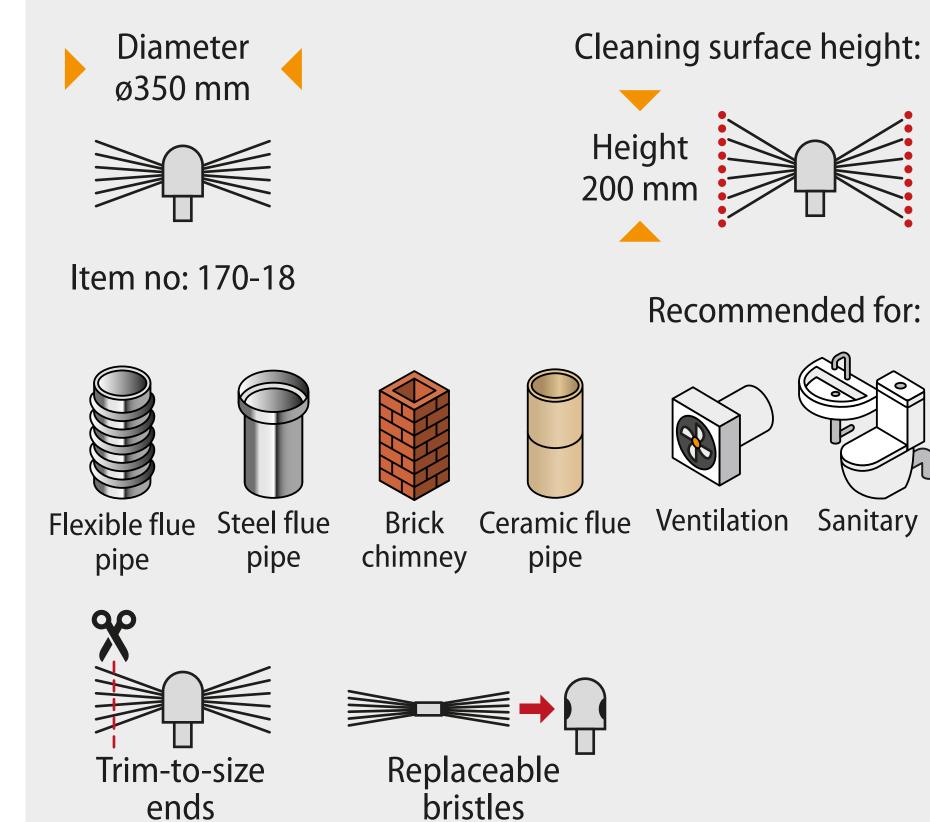
80⁰⁰ €/pc ex VAT

Tornado COBRA Brushes









Tornado COMBO brush with nylon bristles.

Additional part for all the heads.

Item no: 170-18 Diameter ø350 mm

6000 €/pc ex VAT

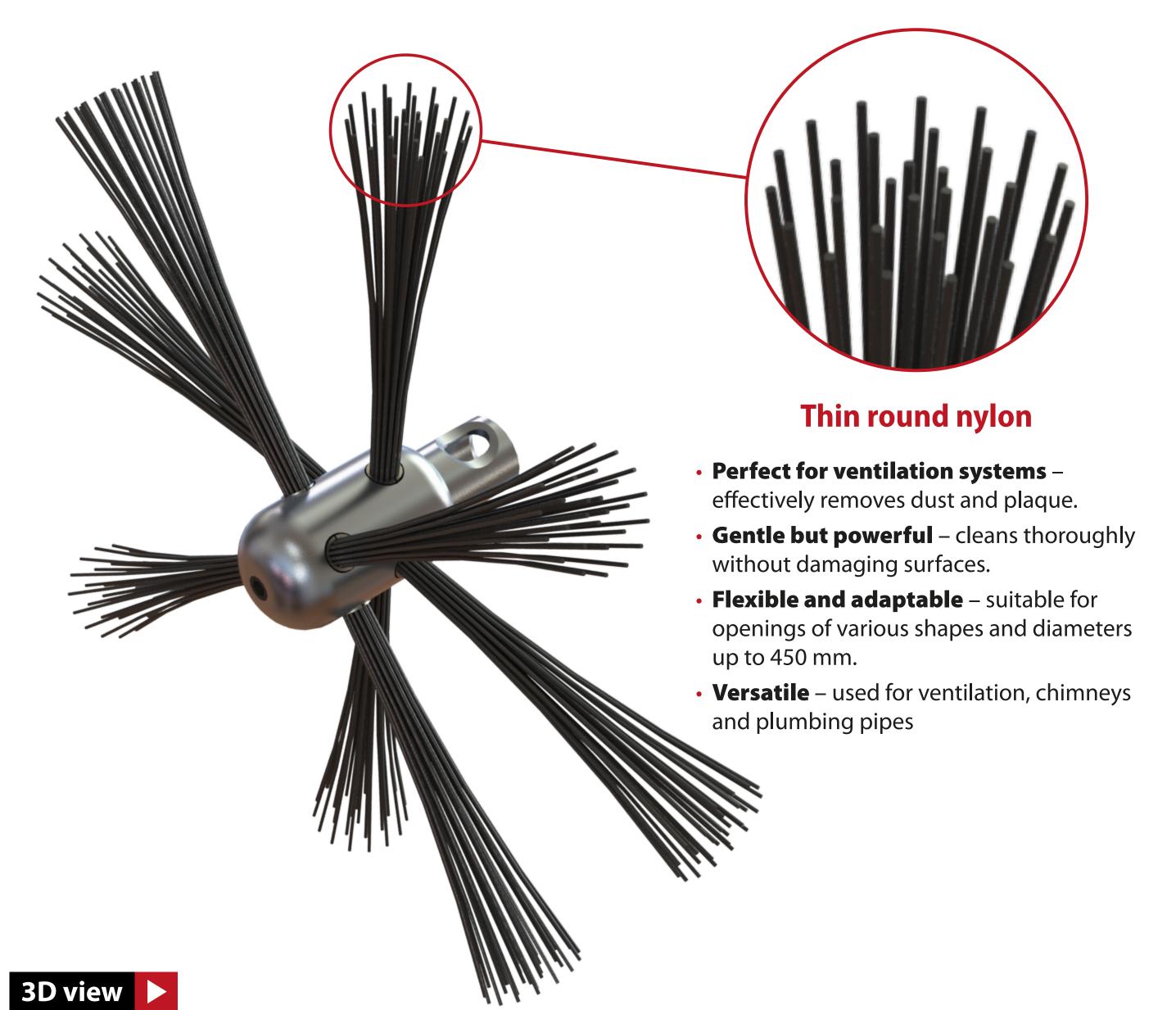


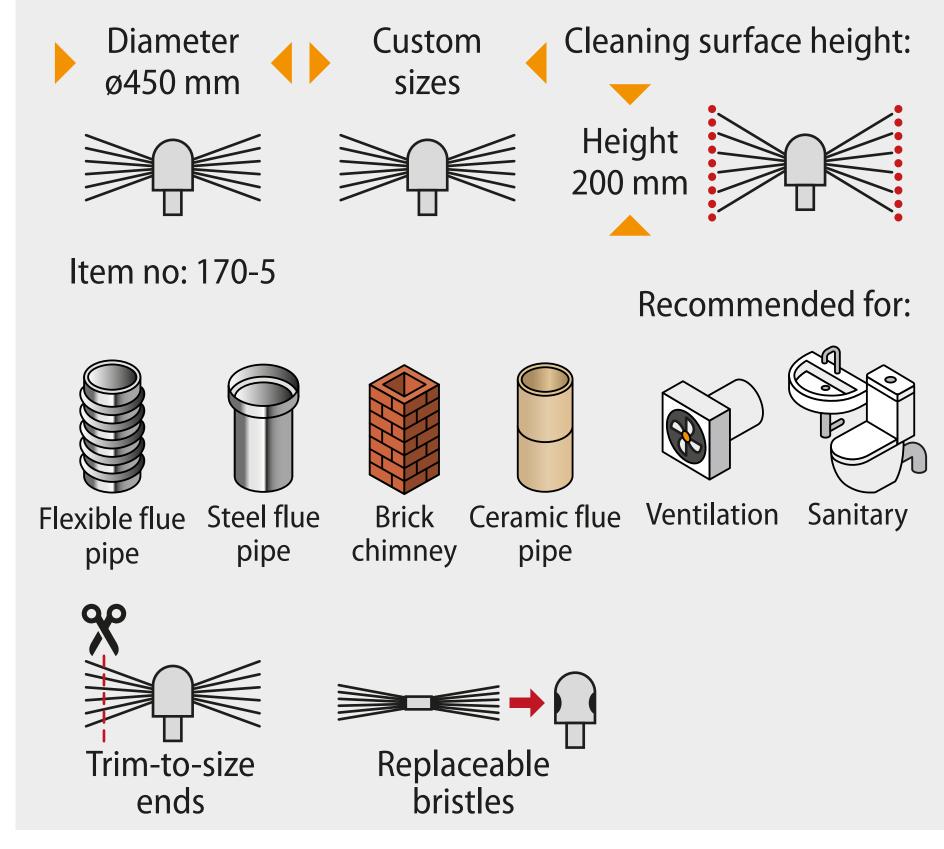
- of chimneys, ventilation and plumbing pipes.
- **Adaptability** easily adapts to all shapes of openings and diameters up to 350 mm.

Tornado COBRA Brushes

www.hansaflame.com







Tornado
ventilation head
with soft nylon
bristles

170-5
Diameter ø450 mm

Other dimensions can be ordered individualy

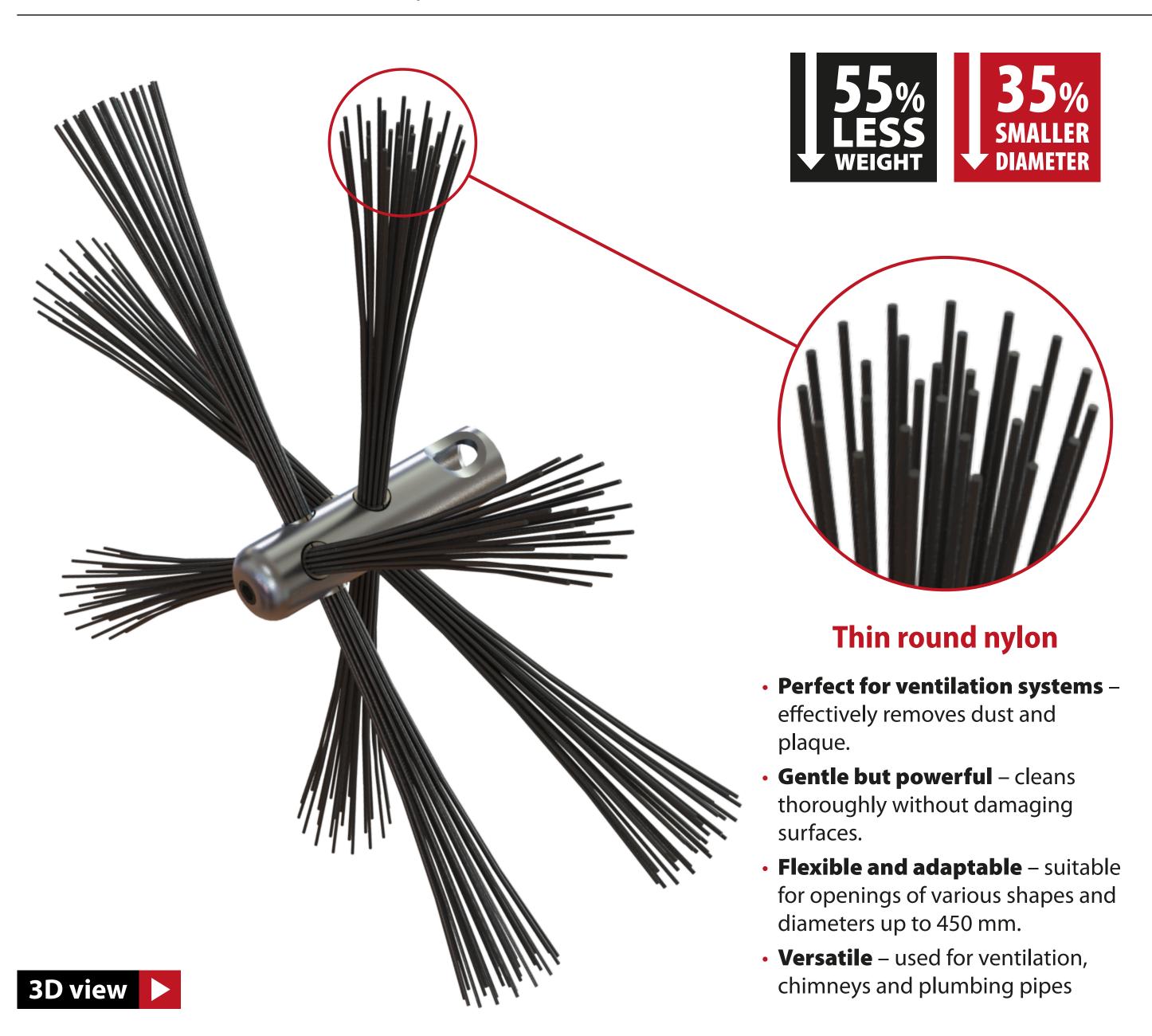
8000 €/pc ex VAT

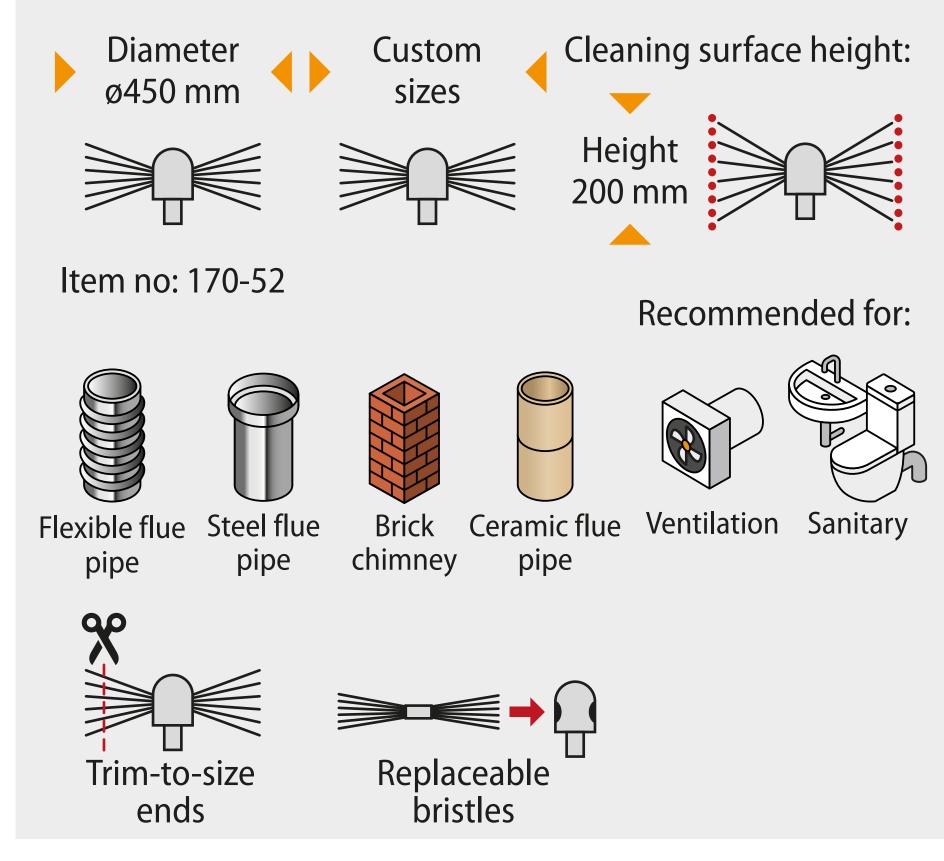
Price available upon request

Tornado COBRA | Brushes

www.hansaflame.com







Tornado LIGHT ventilation head with soft nylon bristles

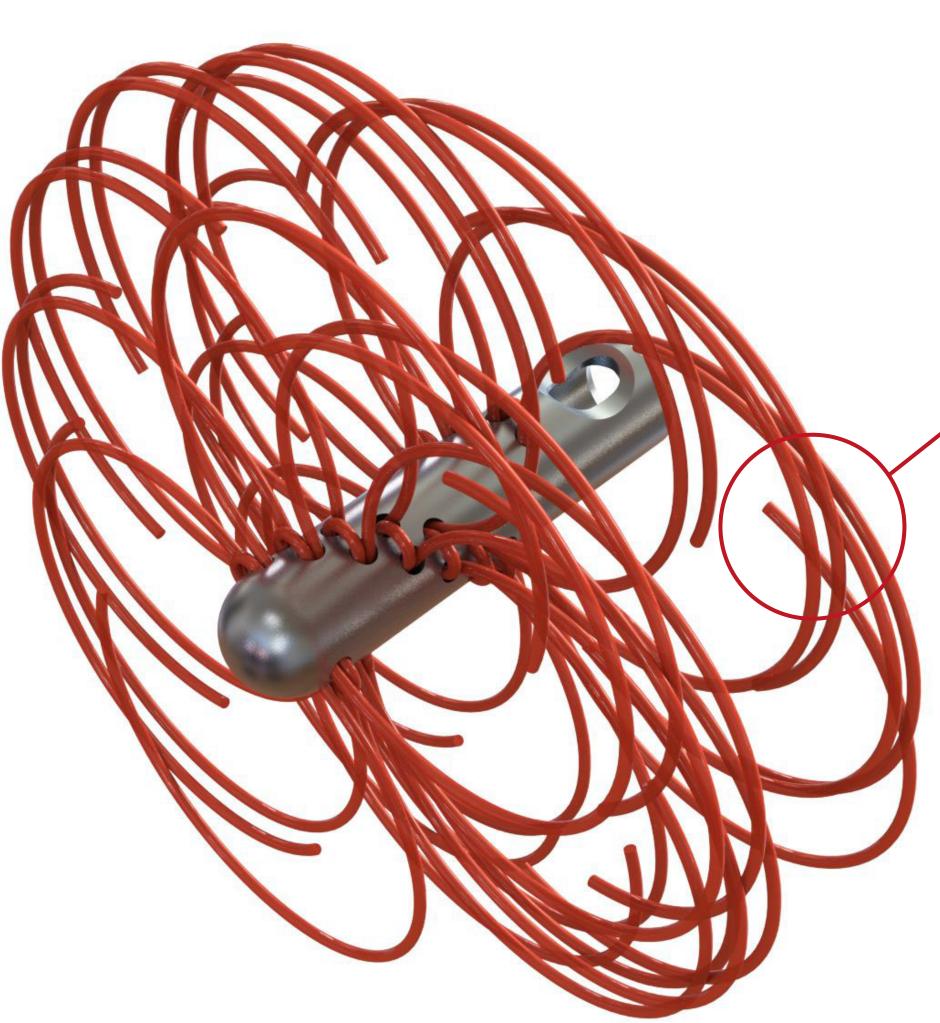
Item no: 170-52 Diameter ø450 mm

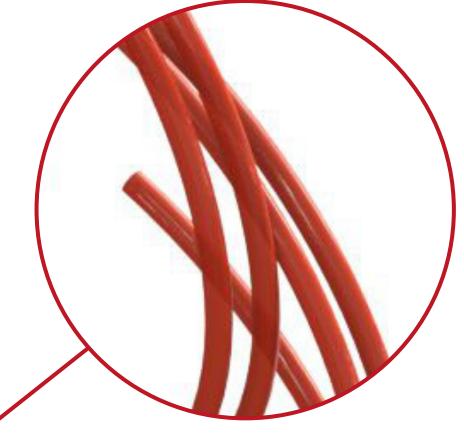
Other dimensions can be ordered individualy

80⁰⁰ €/pc ex VAT

Price available upon request





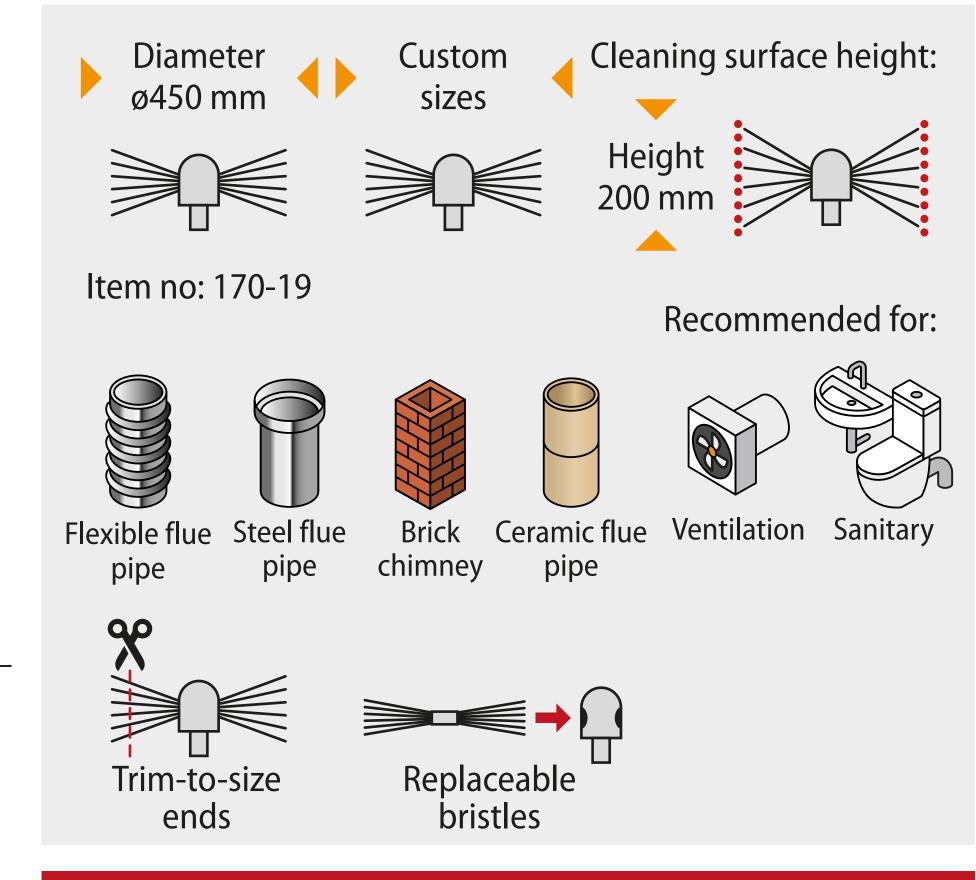


Effectively cleans hard deposits – removes soot and combustion resins.

Sharp-edged thick

nylon bristles

- **Gentle but powerful** does not damage the surface, but ensures strong cleaning.
- **Universality** –suitable for all types of chimneys, ventilation and plumbing pipes.
- Adaptability easily adapts to all shapes of openings and diameters up to 450 mm.





Item no: 170-19 Diameter ø450 mm

Other dimensions can be ordered individualy

6000 €/pc ex VAT

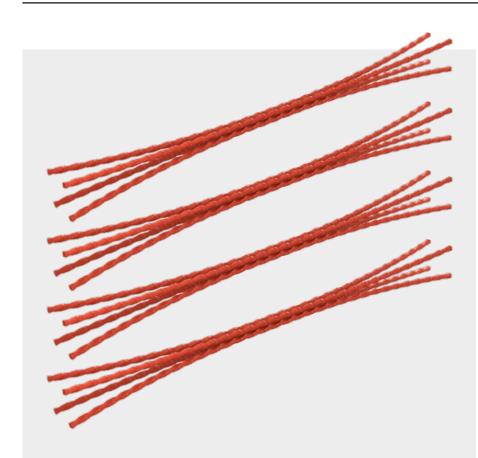
Price available upon request

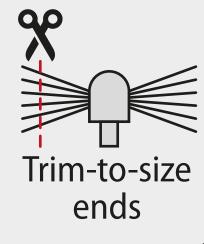


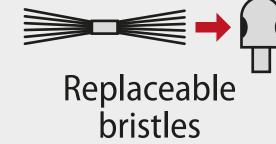
Tornado COBRA | Additional parts

www.hansaflame.com



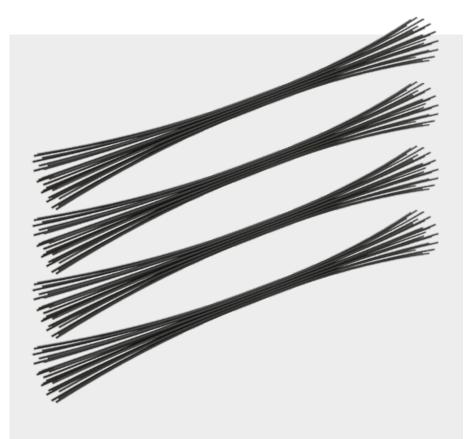


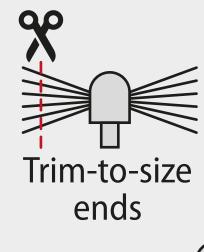




Replacement red nylon bristles 4 pcs Item no: 170-6

500 €/set ex VAT







Replacement black nylon bristles 4 pcs Item no: 170-61

25⁰⁰ €/set





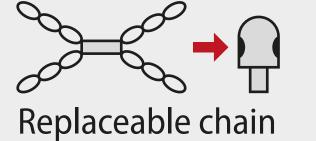
Replaceable chain

Replacement stainless steel chain 3 pcs

Item no: 170-62

5⁰⁰ €/set ex VAT ex VAT





Long replacement stainless steel chain 3 pcs

Item no: 170-63

20⁰⁰ €/set ex VAT



Replacement cable whip 4 pcs Item no: 170-64