SAVE TIME AND BOOST PRODUCTIVITY WITH **FEIN BEVELERS**

SCHEDULE YOUR ON-SITE BEVELER DEMO, SCAN THIS CODE

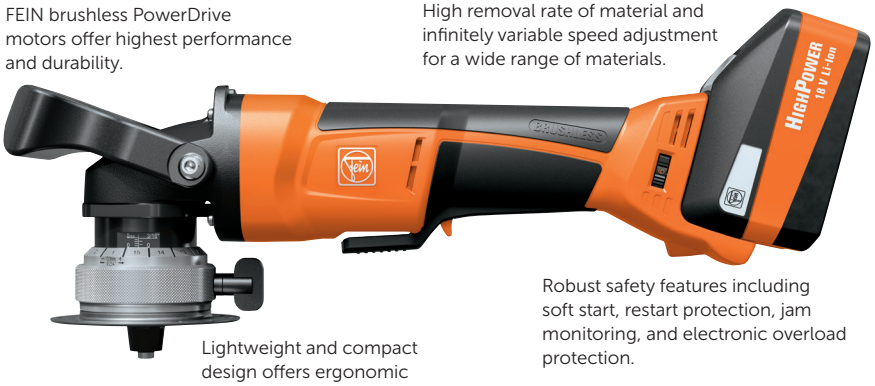
REQUEST A DEMO

AKFH 18-5 T

18V Cordless variable speed beveler

FEIN brushless PowerDrive motors offer highest performance and durability.

High removal rate of material and infinitely variable speed adjustment for a wide range of materials.



Robust safety features including soft start, restart protection, jam monitoring, and electronic overload protection.

Lightweight and compact design offers ergonomic benefits.

TECHNICAL SPECIFICATIONS	AKFH 18-5 T
Bevel length	Max 3/16" (5mm) at 45°
Bevel height	Max 1/8" (0.5cm) at 45°
Bevel angle	45°
Radius	3/32" (2.5 mm)
Milling head equipment	3 x SX insert
Support plate diameter	3-7/8" (9.8 cm)
Battery Voltage	18 V
No-load speed	2,400–7,500 rpm
Weight without battery	5.29 lbs. (2.4 kg)
Part number	**7 138 02 62 09 0**

Kit includes: AKFH 18-5 T incl. 45° cutter, 3 retaining screws, copper paste, Allen key 3/16 in (4 mm), Torx screwdriver TX 15, plastic carrying case, HighPower battery starter set 18 V / 5.2 Ah 2 HighPower Li-ion batteries with an ALG 80 rapid charger

KFH 17-8 RT

Variable speed beveler with booster technology

High removal rate of material and infinitely variable speed adjustment for a wide range of materials.

Soft start, restart protection, jam monitoring, and electronic overload protection.

FEIN ErgoGrip: Unique ergonomics concept with two-handed operation for working with less fatigue (patent pending).

Booster Technology offers significantly reduced vibration and chatter for improved performance.

TECHNICAL SPECIFICATIONS	KFH 17-8 RT
Bevel length	Max. 5/16"(8mm) at 45°
Bevel height	Max. 1/4" (6mm) at 45°
Bevel angle	30° / 37,5° / 45°
Radius	1/8" (3 mm), 5/32" (4mm)
Milling head equipment	3 x KX insert
Support plate diameter	4-5/8" (118mm)
Power consumption	1,500 W
Current consumption	13 A
No-load speed	2,300–7,500 rpm
Weight	10 lbs (4.6 kg)
Part number	**7 238 17 61 09 0**

Kit includes: KFH 17-8 RT (without cutter – see accessories), 3 retaining screws, copper paste, Allen key 5 mm, Torx screwdriver TX 15, plastic carrying case

KFH 17-15 RT

Variable speed beveler with booster and spring technology

High removal rate of material and infinitely variable speed adjustment for a wide range of materials.

Soft start, restart protection, jam monitoring, and electronic overload protection.

FEIN ErgoGrip: Unique ergonomics concept with two-handed operation for working with less fatigue (patent pending).

Spring technology ensures that the rotational forces are cushioned, which increases user safety by reducing vibration.

TECHNICAL SPECIFICATIONS	KFH 17-15 RT
Bevel length	Max. 5/8" (15 mm) at 45°
Bevel height	Max. 7/16" (11mm) at 45°
Bevel angle	30° / 37,5° / 45°
Radius	1/8" (3 mm), 5/32" (4mm)
Milling head equipment	3 x 2 = 2 rows of 3 inserts
Support plate diameter	5-7/16" (137mm)
Power consumption	1,500 W
Current consumption	13 A
No-load speed	2,300–7,500 rpm
Weight	14.1 lbs. (6.4kg)
Part number	**7 238 19 61 09 0**

Kit includes: KFH 17-15 RT (without cutter – see accessories), 6 retaining screws, copper paste, Allen key 1/4" in (5 mm), Torx screwdriver TX 15, plastic carrying case

FEIN Beveling tools

STEP BY STEP TO THE RIGHT ACCESSORIES.

For KFH 17-8 (T) and KFH 17-15 (T)

Step 1

Select the milling head.
Which bevel angle? Or radius?

For KFH 17-8 R

30°
Part #:6 43 01 002 01 0

37,5°
Part #:6 43 01 005 01 0

45°
Part #:6 43 01 001 01 0

For KFH 17-15 R

30°
Part #:6 43 01 004 01 0

37,5°
Part #:6 43 01 006 01 0

45°
Part #:6 43 01 003 01 0

Step 2

Select indexable insert.
Bevel or radius? Which radius? For which material?

For universal application (steel and soft stainless steels.)

8 mm, 0.315"
KFH 17-8 R (T)
15 mm, 0.590"
KFH 17-15 R (T)
Part #:6 43 02 004 01 0

3 mm
0.118"
Part #:6 43 02 006 01 0
4 mm
0.157"
Part #:6 43 02 015 01 0

For non-ferrous metals (e.g. aluminum, copper, brass) and plastics.

8 mm, 0.315"
KFH 17-8 R (T)
15 mm, 0.590"
KFH 17-15 R (T)
Part #:6 43 02 003 01 0

3 mm
0.118"
Part #:6 43 02 005 01 0
4 mm
0.157"
Part #:6 43 02 016 01 0

For hard steels, fine-grained steels and high-alloy stainless steels.

8 mm, 0.315"
KFH 17-8 R (T)
15 mm, 0.590"
KFH 17-15 R (T)
Part #:6 43 02 011 01 0

3 mm
0.118"
Part #:6 43 02 014 01 0
4 mm
0.157"
Part #:6 43 02 017 01 0

Please note: The color system indicates the matching accessories. Bevel Radius

For AKFH 18-5 (T)

Step 1

Select indexable insert.*
Bevel or radius? Which radius? For which material?

For universal application (steel and soft stainless steels.)

7,2 mm 0.283"
Part #:6 43 02 001 01 0

2,5 mm 0.098"
Part #:6 43 02 002 01 0

For non-ferrous metals (e.g. aluminum, copper, brass) and plastics.

7,2 mm 0.283"
Part #:6 43 02 007 01 0

2,5 mm 0.098"
Part #:6 43 02 010 01 0

Step 2

Select the appropriate guide roller.

2,5 mm 0.098" **5 mm** 0.197"
ø 21,69 mm
Part #:6 43 03 001 01 0

Step 3

Add clamping screws.

SX
Set with 10 pieces
Part #:3 13 50 076 00 0

* Both guide rollers are necessary for the 16-fold use of the indexable inserts.

Step 3

Select the appropriate guide roller.

8 mm, 0.315"
KFH 17-8 R (T)
15 mm, 0.590"
KFH 17-15 R (T)
Part #:6 43 03 002 01 0
ø 29.90 mm

8 mm, 0.315"
KFH 17-8 R (T)
15 mm, 0.590"
KFH 17-15 R (T)
Part #:6 43 03 003 01 0
ø 26.30 mm

3 mm 0.118" **6,2 mm** 0.244"
KFH 17-8 R (T)
Part #:6 43 03 004 01 0
3 mm 0.118" **14 mm** 0.551"
KFH 17-15 R (T)
Part #:6 43 03 004 01 0
ø 28.55 mm

4 mm 0.157" **7,5 mm** 0.295"
KFH 17-8 R (T)
Part #:6 43 03 011 01 0
4 mm 0.157" **16,2 mm** 0.638"
KFH 17-15 R (T)
Part #:6 43 03 011 01 0
ø 27.55 mm

Step 4

Add clamping screws.

KX
Set with 10 pieces
Part #:3 13 50 075 00 0

* Both guide rollers are necessary for the 16-fold use of the indexable inserts.

THE SIMPLE WAY TO PERFECT BEVEL & RADIUS EDGES

All FEIN bevelers have one thing in common: They make metal machining easy.

BOOST YOUR WELD & PAINT PREP PRODUCTIVITY WITH **FEIN BEVELERS**

+ Save time: produce weld-ready bevels that don't require any additional prep.
+ Improve respiratory health: safer than angle ginders, bevelers eliminate grinding dust, producing only chips from milling operation.
+ Lower cost of ownership: our 8-sided indexable inserts can easily be rotated & lower operating costs.
+ Durable, high quality construction that is light weight and easy to use.
+ FEIN performance: enhanced with our HighPower batteries.
+ Booster and spring technology.

?

WHAT IS BOOSTER TECHNOLOGY?

Booster technology (shared by both KFH17-8 and KFH17-15) absorbs kinetic energy during acceleration and releases it during deceleration. This results in a reduction of rotational irregularity which keeps the motor speed constant and allows for a cleaner bevel. This feature also significantly reduced vibration feedback to the tool/user.

WHAT IS SPRING & BOOSTER TECHNOLOGY?

Spring & booster technology (only KFH17-15) cushions the rotational force of the inserts when entering into the bevel. This gives the insert more time to penetrate the material resulting in a significantly reduced chance of machine kickback. This produces more uniform beveling, reduced overall wear and increases beveling performance.

COMPARED TO OTHER WELD PREP, FEIN BEVELERS ARE **JUST BETTER.**

HAND HELD GRINDERS
- Inaccurate results.
- Impossible to hold bevel angle accurately.
- Hazardous grinding dust and fumes.

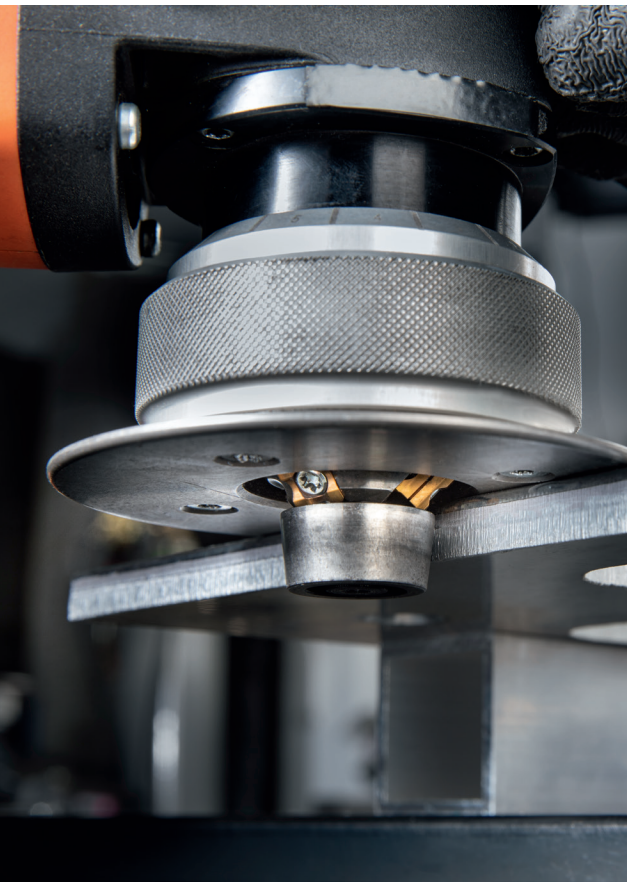
OXY-FUEL OR PLASMA
- Requires a high level of skill to achieve quality bevels.
- Produces surface oxidations and a Heat Affected Zone (HAZ).
- Requires secondary grinding.

PNEUMATIC BEVELERS
- Inconsistent speed.
- Inconsistent results.
- High power consumption.

BEVELER FAQ's

WHAT APPLICATIONS CAN I USE BEVELERS FOR?

+ Preparing weld seams for better adhesion during the welding process, making strong welds.
+ Making metals safer and more aesthetically pleasing for decorative and functional edges.
+ Made for professional use, such as general fabrication and mechanical contractors.
+ Can be used on steel, stainless steel, aluminum, brass, copper, and plastic.



WHAT ANGLES CAN I BEVEL?

+ **Cordless AFKH 18-5 T**
  Bevel angle at 45°
  Radius at nominal 3/32" (2.5 mm)

+ **KFH 17-8 RT & KFH 17-15 RT**
  Bevel angle at 30°, 37.5°, and 45°
  Radius at nominal 1/8", 5/32" (3mm, 4mm)

DO I NEED LUBRICANT?

For most metals, lubricant is not needed. For soft materials such as aluminum and copper, as well as hard to machine materials such as stainless steel, a spray or a cutting paste/wax can be used to increase performance and life of inserts.

AT WHAT SPEED SHOULD I SET THE BEVELER?

MATERIAL	RECOMMENDED SPEED
ALUMINUM	6
MILD STEEL	6
HIGH TENSILE	4-5
STAINLESS STEEL	1-3

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FOR MORE INFORMATION OR TO SCHEDULE YOUR ON-SITE BEVELER DEMO, SCAN THIS CODE

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