Feurst

TURNKEY®
Teeth video

Turnkey®

MADE IN FRANCE

Top Safety

NEW ULTRA-PERFORMING (TEETH) PROFILES

INCREASED PERFORMANCE

REDUCED DOWNTIME

HAMMERLESS AND TORCHLESS

Feurst®

French company, born in 1992 and subsidiary of the international group Safe..

Feurst manufactures high-tech teeth and adapters for loaders and excavators from 35 to 400 tons.

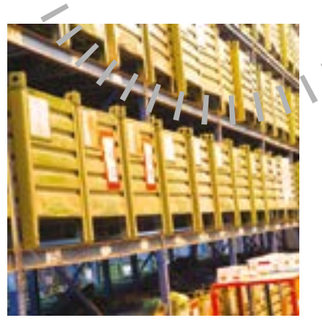
Each year, 250,000 wear parts are produced in the Loire department (within the Fonderie de Feurs).

50% of the production are intended for export market : Australia, Brazil, Canada, Indonesia, Italia, Mexico, Russia...

PRODUCT FEATURES

- **EXTRA Long-life** Adapters
- Heavy duty steel **(made in France)**
- **Increased productivity** for machines & buckets
- **Reduced** fuel consumption
- **Zero** machine **downtime**

MADE IN **FRANCE**



Vidéo dents TURNKEY®

Crédit photos : Laurence BARRUEL

Turnkey®

SIZE	MACHINES Max weight	ADAPTERS	TEETH	LOCKING DEVICES	BUCKET SHROUDS

10

30 - 42 T

50-60 mm
2 / 2.36 in

STD. 70T
HD 50T

TKN10 1550 A 10°- 31 Kg / 81.57 lbs
TKN10 1560 A 10°- 31 Kg / 81.57 lbs

TKN10 1550 STD- 28,5 Kg / 62.8 lbs
TKN10 1560 STD- 27,5 Kg / 60.6 lbs

TKN10 NS- 16.5 Kg / 36.38 lbs

TKN 10 PA - 3 Kg / 6.61 lbs

TKN10 PE
17 Kg / 37.47 lbs

TKN10 PR
19 Kg /41.88 lbs

TKN10 PR-R
22 Kg / 48.5 lbs

TKN10 DPE
18 Kg /39.68 lbs

TKN10 PE-C
15 Kg /33.07 lbs

TKN10 DPE - AUS
21.5 Kg / 47.4 lbs

TKN10 SB
0.389 Kg /
0.86 lbs

TKN10 CL
0.331 Kg /
0.73 lbs

TK OD 10-11
2.2 Kg / 4.85 lbs

BLADE SHROUDS

Compatible with Turnkey®

FB45-300
9.6 Kg / 21.16 lbs

TKSH EXC 240 60 C - 30.5 Kg /67.24 lbs
TKSH EXC 240 60 L/R - 30/30.5 Kg -
66.14 / 67.24 lbs

TKSH OD - 1.5 Kg
3.3 lbs

WING SHROUDS

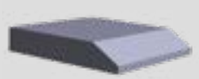
TKWH 30
Wing Thickness
(30mm/1.18In)
21 Kg / 46.3 lbs

TKSH 60-90 AD - 2.05 Kg / 4.85 lbs

TKSH 60-90 CL - 1.4 Kg / 3.08 lbs

11

40 - 52 T



60-70 mm
2.36 / 2.5 / 2.75 in

STD. 108T
HD 80T

TKN11 1560 A 10°- 46 Kg / 101.41lbs
TKN11 1570 A 10°- 45.5 Kg /100.31 lbs

TKN11 1560 STD - 40.5 Kg / 89.3 lbs
TKN11 1570 STD - 40.5 Kg / 89.3 lbs

TKN11 NS- 22.5 Kg / 49.6 lbs

TKN 11 PA - 5.26 Kg / 11.59 lbs

TKN11 PE
21 Kg / 46.3 lbs

TKN11 PR
21.85 Kg / 48.17 lbs

TKN11 PR-R
27 Kg / 59.52 lbs

TKN11 DPE
22 Kg / 48.5 lbs

TKN11 PE-C
18.5 Kg / 40.78 lbs

TKN11 DPE- AUS
25.7 Kg / 56.66 lbs

TKN11 SB
0.488 Kg /
1.07 lbs

TKN11 CL
0.412 Kg /
0.91 lbs

TK OD 10-11
2.2 Kg / 4.85 lbs

TKSH EXC 240 60 C - 30.5 Kg / 67.24 lbs
TKSH EXC 240 60 L/R -30/30.5 Kg - 66.1/67.2lbs
TKSH EXC 245 70 C - 35.33 Kg / 77.89 lbs
TKSH EXC 250 70 L/R-35.33/35.83 Kg -
77.9/79 lbs
TKSH EXC 280 70 C - 38.25 Kg / 84.32 lbs
TKSH EXC 280 70 L/R - 38/37.87 Kg -
83.7/83.4 lbs
TKSH EXC 320 70 C - 41.83 Kg / 92.22 lbs
TKSH EXC 320 70 L/R - 42.16 Kg / 92.95 lbs

TKSH OD - 1.5 Kg
3.3 lbs

TKWH 50
Wing Thickness (50mm/2In)
24.3 Kg / 53.57 lbs

TKSH 60-90 AD - 2.05 Kg / 4.85 lbs

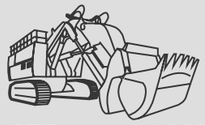
TKSH 60-90 CL - 1.4 Kg / 3.08 lbs

13

MACHINES
Max weight

50- 87 T

70-80-90 mm
2.75/3.15/3.5 in



STD. 180T
HD 135T

ADAPTERS

TKN13 1570 A 10°- 70.5 Kg /155.43 lbs
TKN13 1580 A 10°- 70 Kg/154.32 lbs
TKN13 1590 A 10°- 70.5 Kg/ 155.43 lbs

TKN13 1570 STD - 59 Kg/130.07 lbs
TKN13 1590 STD - 59 Kg/130.07 lbs

TKN13 NS- 29.5 Kg / 65.03 lbs

TKN 13 PA - 6.6 Kg / 14.55 lbs

TEETH

TKN13 PE
26.5 Kg / 58.42 lbs

TKN13 PR
30.5 Kg / 67.24 lbs

TKN13 PR-R
37 Kg / 81.57 lbs

TKN13 RM-R
38.5 Kg / 84.88 lbs

TKN13 PE-C
28 Kg / 61.73 lbs

TKN13 RM-RR
45 Kg / 99.2 lbs

TKN13 DPE
32 Kg / 70.54 lbs

LOCKING DEVICES

TKN13 SB
0.735 Kg /
1.62 lbs

TKN13 CL
0.461 Kg /
1.01 lbs

TK OD 13-15
2.4 Kg / 5.29 lbs

BUCKET SHROUDS

BLADE SHROUDS

TKSH EXC 245 70 C - 35.33 Kg / 77.89 lbs
TKSH EXC 250 70 L/R-35.33/35.83 Kg - 77.9/79 lbs
TKSH EXC 280 70 C - 38.25 Kg / 84.32 lbs
TKSH EXC 280 70 L/R - 38/37.87 Kg - 83.7/83.4 lbs
TKSH EXC 320 70 C - 41.83 Kg / 92.22 lbs
TKSH EXC 320 70 L/R - 42.16 Kg / 92.95 lbs
TKSH EXC 245 90 C - 49.66 Kg / 109.48 lbs
TKSH EXC 245 90 L/R - 50.16 / 50.66 Kg - 110.6 / 111.7 lbs
TKSH EXC 280 90 C - 54.5 Kg / 120.15 lbs
TKSH EXC 280 90 L/R - 55 / 56.25 Kg - 121.25 / 124.01 lbs
TKSH EXC 320 90 C - 60 Kg / 132.27 lbs
TKSH EXC 320 90 L/R - 61.25 / 61.75 Kg- 135.03 / 136.14 lbs
TKSH EXC 360 90 C - 67.75 Kg / 149.36 lbs
TKSH EXC 360 90 L/R - 66.25 / 67.5 Kg - 146.05 / 148.81 lbs

WING SHROUDS

TKWH 50
Wing Thickness (50mm/2In)
24.3 Kg / 53.57 lbs

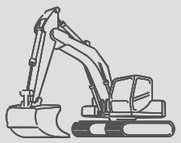
TKSH OD - 1.5 Kg
3.3 lbs

TKSH 60-90 AD - 2.05 Kg / 4.85 lbs

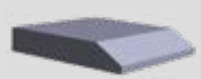
TKSH 60-90 CL - 1.4 Kg / 3.08 lbs

15

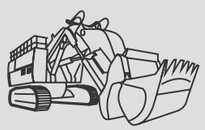
MACHINES



85 - 150 T



90-100 mm
3.5/4 in



STD. 250T
HD 190T

ADAPTERS

TKN15 1590 A 10°- 102.5 Kg/225.97 lbs
TKN15 15100 A 10°- 104 Kg/229.28 lbs

TKN15 NS- 46.5 Kg /
102.51 lbs

TKN 15 PA - 9.3 Kg /
20.5 lbs

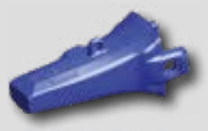
TEETH

TKN15 PE
40 Kg / 88.18 lbs

TKN15 PR
46.5 Kg / 102.51 lbs

TKN15 PE-C
40 Kg / 88.18 lbs

TKN15 PR-R
55 Kg / 121.25 lbs



TKN15 RM-R
60 Kg / 132.28 lbs

TKN15 RM-RR
76 Kg / 167.55 lbs

LOCKING DEVICES

TKN15 SB
0.920 Kg /
2.02 lbs

TKN15 CL
0.818 Kg /
1.8 lbs

TK OD 13-15
2.4 Kg / 5.29 lbs

BUCKET SHROUDS

TKSH EXC 245 90 C - 49.66 Kg / 109.48 lbs
TKSH EXC 245 90 L/R - 50.16 / 50.66 Kg - 110.6 / 111.7 lbs
TKSH EXC 280 90 C - 54.5 Kg / 120.15 lbs
TKSH EXC 280 90 L/R - 55 / 56.25 Kg - 121.25 / 124.01 lbs
TKSH EXC 320 90 C - 60 Kg / 132.27 lbs
TKSH EXC 320 90 L/R - 61.25 / 61.75 Kg- 135.03 / 136.14 lbs
TKSH EXC 360 90 C - 67.75 Kg / 149.36 lbs
TKSH EXC 360 90 L/R - 66.25 / 67.5 Kg - 146.05 / 148.81 lbs
TKSH EXC 345 100 C - 106 Kg
TKSH EXC 345 100 L/R - 100 Kg

TKSH OD - 1.5 Kg
3.3 lbs

TKWH 50
Wing Thickness (50mm/2In)
24.3 Kg / 53.57 lbs

TKSH 60-90 AD - 2.05 Kg / 4.85 lbs

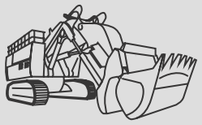
TKSH 60-90 CL - 1.4 Kg / 3.08 lbs

SIZE	MACHINES Max weight	ADAPTERS	TEETH	LOCKING DEVICES	BUCKET SHROUDS

17

140 - 200 T

100-120 mm
4 / 4.75 in



STD. 315T
HD 250T

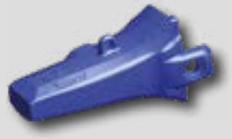
TKN17 15100 A 10°- 146 Kg / 321.87 lbs
TKN17 15120 A 10°- 143 Kg /315 .26 lbs

TKN17 NS- 73.5 Kg /
162.04 lbs

TKN 17 PA - 17 Kg /
37.48 lbs

TKN17 PE-C
58 Kg / 127.87 lbs

TKN17 PR
74 Kg / 163.14 lbs



TKN17 RM-R
75 Kg / 165.35 lbs

TKN17 RM-RR
97.5 Kg / 214.95 lbs

TKN17 SB
1.375 Kg /
3.03 lbs

TKN17 CL
1.231 Kg /
2.71 lbs

TK OD 17-19
2.4 Kg / 5.29 lbs

BLADE SHROUDS

TKSH EXC 345 100 C - 106 Kg / 220.46 lbs
TKSH EXC 345 100 L/R - 100 Kg / 220.46 lbs
TKSH EXC 380 120 C - 120 Kg / 264.55 lbs
TKSH EXC 380 120 L/R - 120 Kg / 264.55 lbs

TKSH OD - 1.5 Kg
3.3 lbs

WING SHROUDS

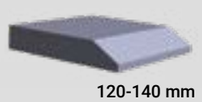
TKWH 70
Wing Thickness (70mm/2.75In)
52.5 Kg / 115.74 lbs

TKSH 100-140 AD - 5.26 Kg / 11.6 lbs

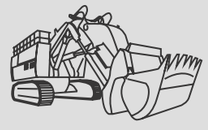
TKSH 100-140 CL - 3.47 Kg / 7.65 lbs

19

200 - 350 T



120-140 mm
4.75 / 5.5 in



STD. 460T
HD 340T

TKN19 15120 A 10°- 188 Kg / 414.47 lbs
TKN19 15140 A 10°- 187 Kg / 412.26 lbs

TKN19 NS- 105 Kg /
231.48 lbs

TKN 19 PA - 27 Kg -
59.52 lbs

TKN19 PE-C
80.4 Kg / 177.25 lbs

TKN19 PR
93 Kg / 205.03 lbs

TKN19 RM-R
95 Kg / 209.44 lbs

TKN19 RM-RR
113 Kg / 249.12 lbs

TKN19 SB
2.029 Kg /
4.47 lbs

TKN19 CL
2.372 Kg /
5.23 lbs

TK OD 17-19
2.4 Kg / 5.29 lbs

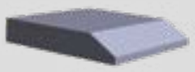
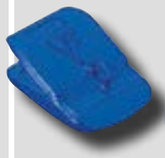
TKSH EXC 380 120 C - 120 Kg / 264.55 lbs
TKSH EXC 380 120 L/R - 120 Kg / 264.55 lbs
TKSH EXC 420 140 C - 170 Kg / 374 .79 lbs
TKSH EXC 420 140 L/R - 170 Kg / 374 .79 lbs

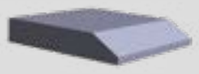
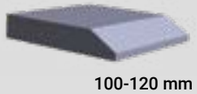
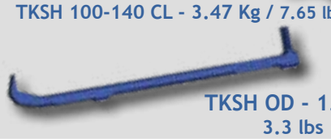
TKSH OD - 1.5 Kg
3.3 lbs

TKWH 70
Wing Thickness (70mm/2.75In)
52.5 Kg / 115.74 lbs

TKSH 100-140 AD - 5.26 Kg / 11.6 lbs

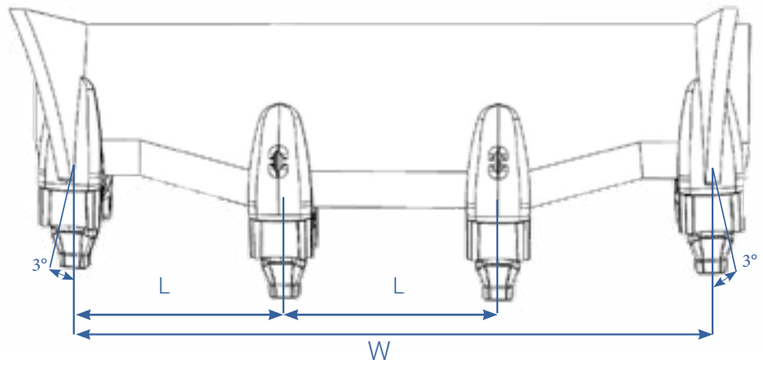
TKSH 100-140 CL - 3.47 Kg / 7.65 lbs

SIZE	MACHINES Max weight	ADAPTERS	TEETH	LOCKING DEVICES	BUCKET SHROUDS
10	 STD. 85T HD 60T 50-60 mm 2 / 2.36 in	 TKN10 1850 A 16°- 32 Kg / 70.55 lbs TKN10 1860 A 16°- 32Kg / 70.55 lbs TKN10 NS- 16.5 Kg / 36.37 lbs TKN 10 PA - 3 Kg / 6.61 lbs	 TKN10 SA 23 Kg / 50.7 lbs TKN10 RA 37 Kg / 81.57 lbs	 TKN10 SB 0.389 Kg / 0.86 lbs TKN10 CL 0.331 Kg / 0.73 lbs TK OD 10-11 2.2 Kg / 4.85 lbs	BLADE SHROUDS Compatible with Turnkey® Compatible Turnkey® FB45-300 9.6 Kg / 21.16 lbs TKSH OD - 1.5 Kg 3.3 lbs WING SHROUDS TKWH 30 Wing Thickness (30mm/1.18In) 21 Kg / 46.3 lbs TKSH 60-90 AD - 2.05 Kg / TKSH 60-90 CL - 1.4 Kg
11	 STD. 133T HD 93T  60-70 mm 2.36 / 2.5 / 2.75 in	 TKN11 1860 A 16°- 46.9 Kg TKN11 1870 A 16°- 47.2 Kg TKN11 NS- 22.5 Kg TKN 11 PA - 5.26 Kg	 TKN11 SA 27.95 Kg / 61.62 lbs TKN11 RA 58 Kg / 127.87 lbs	 TKN11 SB 0.488 Kg/ 1.07 lbs TKN11 CL 0.412 Kg/ 0.9 lbs TK OD 10-11 2.2 Kg / 4.85 lbs	 FB 60-70 - 18 Kg / 39.68 lbs FB60 200 - 21.3 Kg / 46.96 lbs FB60 200 L / R- 22 Kg / 48.5 lbs FB60 250 - 27.1 Kg / 59.74 lbs FB60 300 - 32.7 Kg / 72.09 lbs FB60 350 - 37.6 Kg / 82.89 lbs FB70 250 - 35.7 Kg / 78.7 lbs FB 60-70 L / R - 13 Kg / 28.6 lbs TKSH LOAD 370 70 C - 80 Kg / 176.37 lbs TKSH LOAD 370 70 L / R - 82.25/81.75 Kg 181.33 / 180.23 lbs TKSH OD - 1.5 Kg 3.3 lbs TKWH 50 Wing Thickness (50mm/2 In) 24.3 Kg / 53.57 lbs RPF 300 (To Weld) Wing Thickness (30mm /1.18In) 7.32 Kg / 16.14 lbs TKSH 60-90 AD - 2.05 Kg / 4.52 lbs TKSH 60-90 CL - 1.4 Kg / 3.08 lbs

SIZE	MACHINES Max weight	ADAPTERS	TEETH	LOCKING DEVICES	BUCKET SHROUDS
13	 STD. 170T HD 133T 70-80-90 mm 2.75/3.15/3.54in	 TKN13 1870 A 16°- 77 Kg / 169.76 lbs TKN13 1880 A 16°- 76.5 Kg / 168.65 lbs TKN13 1880 A 16°R / L - 77.3 Kg / 170.42 lbs TKN13 1890 A 16°- 75 Kg / 165.35 lbs TKN13 NS- 29.5 Kg / 65.03 lbs TKN 13 PA - 6.6 Kg / 14.55 lbs	 TKN13 SA 41.8 Kg / 92.15 lbs TKN13 RA 65 Kg / 143.3 lbs	 TKN13 SB 0.735 Kg / 1.62 lbs TKN13 CL 0.461 Kg / 1.01 lbs TK OD 13-15 2.4 Kg / 5.29 lbs	BLADE SHROUDS TKSH LOAD 370 70 C - 80 Kg TKSH LOAD 370 70 L/R - 82.25/81.75 Kg TKSH LOAD 370 76 C - 80 Kg TKSH LOAD 370 76 L/R - 80.5 / 80.5 Kg TKSH LOAD 370 80 C - 81 Kg TKSH LOAD 370 80 L/R - 83 Kg TKSH LOAD 370 90 C - 106 Kg TKSH LOAD 370 90 L/R - 109 Kg TKSH OD - 1.5 Kg 3.3 lbs WING SHROUDS TKWH 50 Wing Thickness (50mm/2In) 24.3 Kg / 53.57 lbs TKSH 60-90 AD - 2.05 Kg / 4.52 lbs TKSH 60-90 CL - 1.4 Kg / 3.08 lbs
15	 STD. 280T HD 220T  90-100 mm 3.5 / 4 in	 TKN15 1890 A 16°- 109 Kg / 240.3 lbs TKN15 18100 A 16°- 104 Kg / 229.28 lbs TKN15 NS- 46.5 Kg / 102.51 lbs TKN 15 PA - 9.3 Kg / 20.5 lbs	 TKN15 SA 57 Kg / 125.66 lbs TKN15 RPL 95 Kg / 209.44 lbs	 TKN15 SB 0.920 Kg / 2.02 lbs TKN15 CL 0.818 Kg / 1.8 lbs TK OD 13-15 2.4 Kg / 5.29 lbs	 TKSH LOAD 370 90 C - 106 Kg TKSH LOAD 370 90 L/R - 109 Kg TKSH LOAD 370 100 C - 102 Kg TKSH LOAD 370 100 L/R - 105 Kg TKSH OD - 1.5 Kg 3.3 lbs TKWH 50 Wing Thickness (50mm/2In) 24.3 Kg / 53.57 lbs TKSH 60-90 AD - 2.05 Kg / 4.52 lbs TKSH 60-90 CL - 1.4 Kg / 3.08 lbs
17	 STD. 300T HD 270T  100-120 mm 4 / 4.75 in	 TKN17 18100 A 16°- 165 Kg / 363.76 lbs TKN17 18120 A 16°- 157 Kg / 346.12 lbs TKN17 NS- 73.5 Kg / 162.04 lbs TKN 17 PA - 17 Kg / 37.48 lbs	 TKN17 SA 73 Kg / 160.94 lbs	 TKN17 SB 1.375 Kg / 3.03 lbs TKN17 CL 1.231 Kg / 2.71 lbs TK OD 17-19 2.4 Kg / 5.29 lbs	 TKSH 100-140 AD - 5.26 Kg / 11.6 lbs TKSH 100-140 CL - 3.47 Kg / 7.65 lbs  TKSH OD - 1.5 Kg 3.3 lbs	 TKWH 70 Wing Thickness (70mm/2.75In) 52.5 Kg / 115.74 lbs

Turnkey®

Calculation for TURNKEY® adapter quantity on a given inside lip width



Calculation for adapter quantity on a given inside lip width :

(For easier calculation, it is assumed that the corner adapter centerline is aligned with the inside of side plate)

W= Inside lip width (mm)
L mini & L maxi = adapters spacing (See dimensions below)

Minimum adapter quantity	W / L maxi	+ 1	=
Maximum adapter quantity	W / L mini	+ 1	=

Adapter quantity is chosen in accordance with the application of the bucket, for example :
- a maximum of adapters in abrasive condition
- a minimum of adapters when penetration is required

Excavator				Loader	
L (mm/in)		Size	Width of Adaptor (mm/in)	L (mm/in)	
Mini	Maxi			Mini	Maxi
350/13.78	490/19.29	TKN 10	150/5.9	465/18.31	620/24.41
380/14.96	530/20.86	TKN 11	170/6.69	500/19.68	670/26.38
440/17.32	550/21.65	TKN 13	185/7.28	505/19.88	680/26.77
475/18.7	665/26.18	TKN 15	215/8.46	620/24.41	825/32.48
540/2.13	750/29.53	TKN 17	245/9.64	690/27.16	920/36.22
630/24.8	880/34.64	TKN 19	270/10.63	-	-

Tooth / Soil

DPE

Twin Pick: Double vector tooth used on buckets corners for protecting the sides from wear.

PE

Pick: Long and sharp tooth ensuring an excellent penetration.

PE-C

Pick Short: Short tooth, accurate shape to be used as rock cutting tooth.

RM R

Resistance Mining: Mining tooth provides a good balance of abrasion resistance and penetration for tough applications

PR

Rock Chisel: Perfect tooth shape for a strong penetration. Excellent compromise wear material/penetration.

PR-R

Rock Chisel +: Enough material for a correct abrasion resistance perfect shape enabling better penetration.

RM-RR

RESISTANCE MINING +: Mining tooth reinforced provides a good balance of abrasion resistance and penetration for tough applications

SA

Super Abrasion: Very high abrasion resistance with reinforcement ensuring a good penetration.

RA / RPL

Reinforced Abrasion: Loader tooth for high abrasive applications, with large reinforcement.

Turnkey®

Calculation for TURNKEY® adapter quantity on a given inside lip width

Size		TKN 10		TKN 11		TKN 13		TKN 15		TKN 17		TKN 19	
Machine		Standard	HD	Standard	HD	Standard	HD	Standard	HD	Standard	HD	Standard	HD
Excavator	Max. Weight	70T	50T	110T	88T	180T	130T	270T	188T	325T	210T	450T	350T
	Max. B.O.F.	35T	29T	46T	38T	60T	46-48T	79T	63T	95T	73T	120T	98T
Front Shovel	Max. Weight	70T	50T	108T	80T	180T	135T	250T	190T	315T	250T	460T	340T
	Max. B.O.F.	42T	35T	56.5T	46T	70T	54T	88T	70T	105T	82T	140T	110T
Wheel Loader	Max. Weight	85T	60T	133T	93T	170T	133T	280T	220T	300T	270T	-	-
	Max. B.O.F.	59T	49T	77T	63T	98T	78T	133T	105T	160T	130T	-	-

1 Ton = 9.8067 Kn

Recommended for a bucket with 5 teeth

In XHD applications do not hesitate to oversize of 1 size

This update give the recommendations for Standard and XHD applications, specific applications (as attachements, spade lips, arms) should be discussed with an FEURST dealer.

Choice of bucket depending on the application

Standard Bucket : Suitable for digging and loading of soft to medium hard, compact and not very abrasive materials such as earth / rock, sand / gravel, coal, chalk.

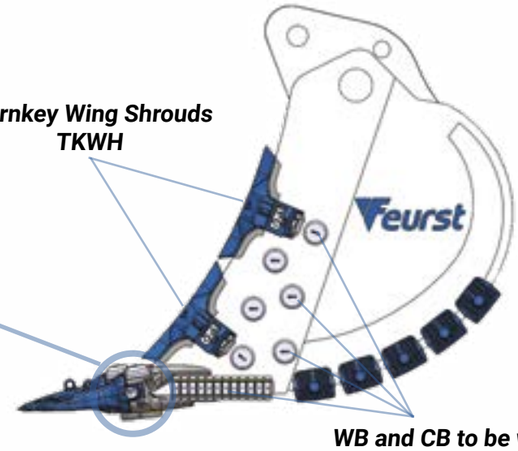
HD bucket : Suitable for digging and loading mixed earth and rock soils with a high proportion of rock or other abrasive materials.

XHD bucket : Suitable for digging and loading mixed earth and rock soils with a high proportion of rock and other abrasive and hard materials

Machine Applications

Positioning the side closest to the wear cap

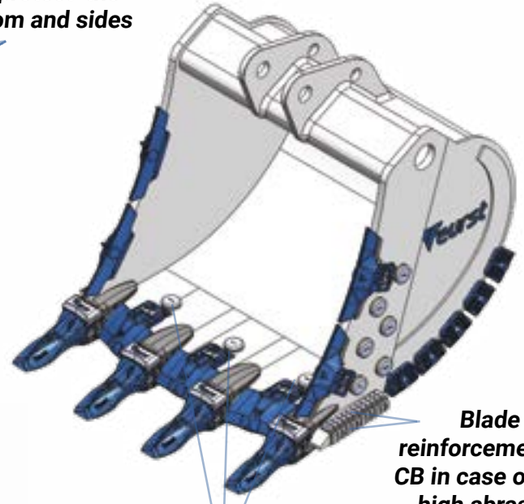
Turnkey Wing Shrouds TKWH



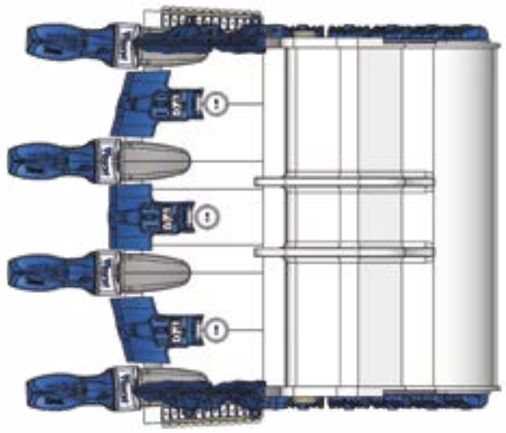
WB and CB to be welded for protect the sides

PTG to be welded for protect the bottom and sides

Possibility to weld WB on the lower branches at very high abrasion



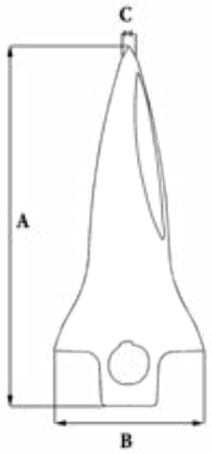
Blade reinforcement by CB in case of very high abrasion

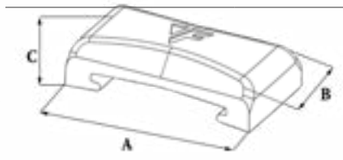


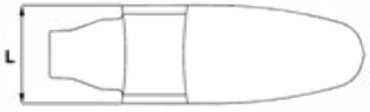
Possibility to weld WB behind interdental shields to deflect

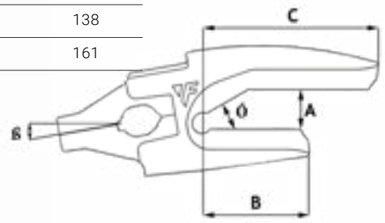
Teeth Dimensions

SIZE	TYPE	PART NO.	WEIGHT [kg]	DIMENSIONS [mm] A	B	C	D
10	PE	TKN10 PE	17	440	168	3	18
10	PR	TKN10 PR	19	415	167	7	92
10	PR-R	TKN10 PR-R	22	445	168	9	100
10	DPE	TKN10 DPE	18	430	168	10	210
10	DPE - AUS	TKN10 DPE -AUS	21.5	432	171	45	183
10	PE-C	TKN10 PE-C	15	370	168	3	25
10	SA	TKN10 SA	23	383	168	20	120
10	RA	TKN10 RA	37	383	168	-	-
11	PE	TKN11 PE	21	480	184	4	20
11	PR	TKN11 PR	21.85	442	182	11	53
11	PR-R	TKN11 PR-R	27	500	182	6	114
11	DPE	TKN11 DPE	22	450	184	11	232
11	DPE - AUS	TKN11 DPE-AUS	25.7	462	185	45	197
11	PE-C	TKN11 PE-C	18.5	400	184	4	28
11	SA	TKN11 SA	27.95	422	182	18	117
11	RA	TKN11 RA	58	422	182	-	-
13	PE	TKN13 PE	26.5	500	196	8	20
13	PR	TKN13 PR	30.5	485	196	8	105
13	PR-R	TKN13 PR-R	37	524	196	8	113
13	RM-R	TKN13 RM-R	38.5	475	196	48	110
13	RM-RR	TKN13 RM-RR	45	477	198	59	113
13	DPE	TKN13 DPE	32	490	196	12	250
13	PE-C	TKN13 PE-C	28	435	196	5	32
13	SA	TKN13 SA	41.8	450	196	17	116
13	RA	TKN13 RA	65	450	196	-	-
15	PE	TKN15 PE	40	555	230	5	17
15	PR	TKN15 PR	46.5	535	230	9	143
15	PR-R	TKN15 PR-R	55	570	230	11	155
15	PE-C	TKN15 PE-C	40	490	230	6	39
15	SA	TKN15 SA	57	524	230	31	148
15	RM-R	TKN15 RM-R	60	530	230	68	127
15	RM-RR	TKN15 RM-RR	76	560	230	29	113
15	RA	TKN15 RA/RPL	95	550	285	28	110
17	PE-C	TKN17 PE-C	58	533	283	7	39
17	PR	TKN17 PR	74	600	237	17	144
17	RM-R	TKN17 RM-R	75	529	285	54	178
17	RM-RR	TKN17 RM-RR	97.5	570	285	85	157
19	PE-C	TKN19 PE-C	80.4	600	328	6	52
19	PR	TKN19 PR	93	635	328	8	160
19	RM-RR	TKN19 RM-RR	113	600	328	83	138
19	RM-R	TKN19 RM-R	95	560	328	74	161









Adapter Dimensions

SIZE	PART NO.	WEIGHT [kg]	BLADE Thickness [mm]	DIMENSIONS [mm] A	B	C	L	∂°	ß°	APPLICATIONS
10	TKN10 1550 A10°	31	50	52	137	240	150	30°	10°	E
10	TKN10 1560 A10°	31	60	62	137	240	150	30°	10°	E
10	TKN10 1550 STD	28,5	50	51	142	240	148	30°	10°	E
10	TKN10 1560 STD	27,5	60	62	142	240	149	30°	10°	E
10	TKN10 1850 A16°	32	50	52	160	245	150	30°	16°	L
10	TKN10 1860 A16°	32	60	64	160	235	150	30°	16°	L
10	TKN10 NS	16.5	-	-	-	-	150	-	-	E / L
10	TKN10 PA	3	-	168	98	43	-	-	-	E / L
11	TKN11 1560 A 10°	46	60	62	178	275	170	30°	10°	E
11	TKN11 1570 A 10°	45.5	70	72	178	275	170	30°	10°	E
11	TKN11 1560 STD	40.5	60	63	190	280	167	30°	10°	E
11	TKN11 1570 STD	40.5	70	72	190	283	167	30°	10°	E
11	TKN11 1860 A 16°	46.9	60	62	202	281	170	30°	16°	L
11	TKN11 1870 A 16°	47.2	70	72	183	281	170	30°	16°	L
11	TKN11 NS	22.5	-	-	-	-	170	-	0°	E / L
11	TKN11 PA	5.26	-	201	11	51	-	-	-	E / L
13	TKN13 1570 A 10°	70.5	70	73	193	330	190	30°	10°	E
13	TKN13 1580 A 10°	70	80	83	193	330	190	30°	10°	E
13	TKN13 1590 A 10°	70.5	90	93	193	330	190	30°	10°	E
13	TKN13 1570 STD	59	70	75	190	330	182	30°	10°	E
13	TKN13 1590 STD	59	90	95	200	330	182	30°	10°	E
13	TKN13 1870 A 16°	77	70	76	245	365	190	30°	16°	L
13	TKN13 1880 A 16°	76.5	80	84	245	365	190	30°	16°	L
13	TKN13 1880 A 16° L	77.3	80	84	245	365	190	30°	16°	L
13	TKN13 1880 A 16° R	77.3	80	84	245	365	190	30°	16°	L
13	TKN13 1890 A 16°	75	90	94	245	365	190	30°	16°	L
13	TKN13 NS	29.5	-	-	-	-	190	-	0°	E / L
13	TKN13 PA	6.6	-	278	124	55	-	-	-	E / L
15	TKN15 1590 A 10°	102.5	90	93	236	410	210	30°	10°	E
15	TKN15 15100 A 10°	104	100	103	236	410	210	30°	10°	E
15	TKN15 1890 A 16°	109	90	95	270	430	210	30°	16°	L
15	TKN15 18100 A 16°	104	100	104	245	410	210	30°	16°	L
15	TKN15 NS	46.5	-	-	-	-	210	-	0°	E / L
15	TKN15 PA	9.3	-	236	151	62	-	-	-	E / L
17	TKN17 15100 A 10°	146	100	104	236	420	240	30°	10°	E
17	TKN17 17120 A 10°	143	120	126	236	420	240	30°	10°	E
17	TKN17 NS	73.5	100	-	-	-	240	-	0°	L
17	TKN17 PA	17	-	276	172	74	-	-	-	E / L
19	TKN19 15120 A 10°	188	120	122	300	510	272	30°	10°	E
19	TKN19 15140 A 10°	187	140	142	300	510	273	30°	10°	E
19	TKN19 NS	105	120	-	-	-	277	-	0°	L
19	TKN19 PA	27	-	345	215	97	-	-	-	E / L

E = Excavator / L = Loader

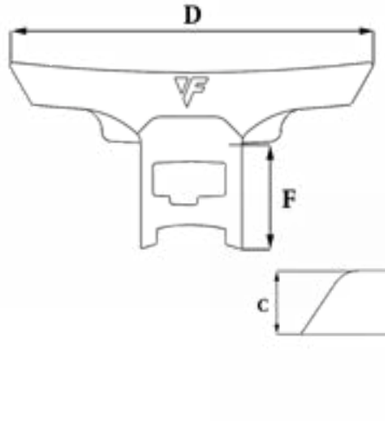
Blade Shrouds Dimensions

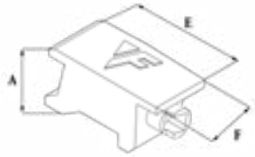
PART NO.	WEIGHT [kg]	BLADE THICKNESS [mm]	L	A	B	C	D	E	ß°	APPLICATIONS
TKSH EXC 240 60 C	30.5	60	240	275	156	64	66	30	30°	E
TKSH EXC 240 60 R	30.5	60	240	275	156	64	66	30	30°	E
TKSH EXC 240 60 L	30	60	240	275	153	68	66	30	30°	E
TKSH EXC 245 70 C	35.33	70	245	300	162	74	72	32	30°	E
TKSH EXC 250 70 R	35.83	70	245	300	162	74	72	32	30°	E
TKSH EXC 250 70 L	35.33	70	245	300	162	74	72	32	30°	E
TKSH EXC 280 70 C	38.25	70	280	300	164	74	73	33	30°	E
TKSH EXC 280 70 R	37.87	70	280	300	164	73	73	33	30°	E
TKSH EXC 280 70 L	38	70	280	300	164	73	73	33	30°	E
TKSH EXC 320 70 C	41.83	70	320	300	163	75	73	33	30°	E
TKSH EXC 320 70 R	42.16	70	320	300	163	73	73	33	30°	E
TKSH EXC 320 70 L	42.16	70	320	300	163	73	73	33	30°	E
TKSH LOAD 370 70 C	81	70	370	375	200	158	73	69	30°	L
TKSH LOAD 370 70 R	81.75	70	370	380	205	170	72	71	30°	L
TKSH LOAD 370 70 L	82.25	70	370	380	205	170	72	71	30°	L
TKSH LOAD 370 76 C	80	76	370	380	204	165	79	67	30°	L
TKSH LOAD 370 76 R	80.5	76	370	380	204	167	79	67	30°	L
TKSH LOAD 370 76 L	80.5	76	370	380	204	167	79	67	30°	L
TKSH EXC 245 90 C	49.66	90	245	358	200	106	93	47	30°	E
TKSH EXC 245 90 R	50.66	90	245	365	200	116	93	47	30°	E
TKSH EXC 245 90 L	50.16	90	245	365	200	116	93	45	30°	E
TKSH EXC 280 90 C	54.5	90	280	350	200	105	93	44	30°	E
TKSH EXC 280 90 R	56.25	90	280	360	200	110	93	47	30°	E
TKSH EXC 280 90 L	55	90	280	360	200	110	93	47	30°	E
TKSH EXC 320 90 C	60	90	320	350	202	205	93	47	30°	E
TKSH EXC 320 90 R	61.75	90	320	350	200	110	93	48	30°	E
TKSH EXC 320 90 L	61.25	90	320	360	202	113	93	47	30°	E
TKSH EXC 360 90 C	65.75	90	360	360	200	110	93	48	30°	E
TKSH EXC 360 90 R	67.50	90	360	355	200	114	93	48	30°	E
TKSH EXC 360 90 L	66.25	90	360	355	200	114	93	48	30°	E
TKSH LOAD 370 90 C	106	90	370	420	225	170	93	77	30°	L
TKSH LOAD 370 90 R	109	90	370	420	225	170	93	78	30°	L
TKSH LOAD 370 90 L	109	90	370	420	225	170	93	78	30°	L
TKSH LOAD 370 100 C	102	100	370	420	225	170	103	77	30°	L
TKSH LOAD 370 100 R	105	100	370	420	225	170	103	68	30°	L
TKSH LOAD 370 100 L	105	100	370	420	225	170	103	68	30°	L
TKSH EXC 345 100 C	**106**	**100**	**345**	**410**	**235**	**137**	**103**	**56**	**30°**	**E**
TKSH EXC 345 100 R		**100**							**30°**	**E**
TKSH EXC 345 100 L		**100**							**30°**	**E**

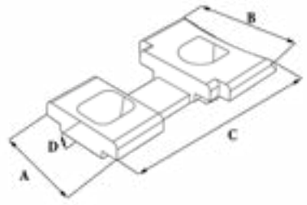
E = Excavator / L = Loader

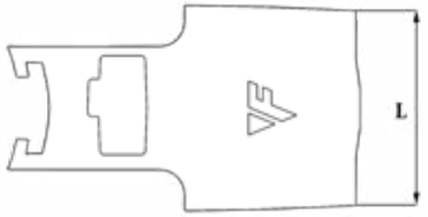
Wing Shrouds Dimensions

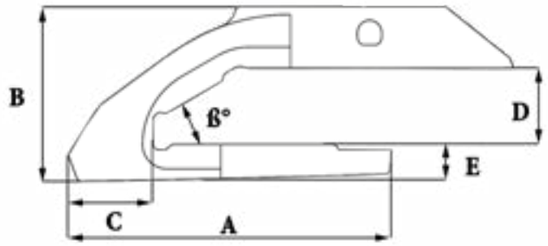
PART NO.	WEIGHT [kg]	CORNER THICKNESS [mm]	A	B	C	D	E	F	G	APPLICATIONS
TKWH 30	21	30	36	116	58	570	68	213	10	E / L
TKWH 50	24.3	55	57.6	132	58	590	82	213	17	E / L
TKWH 70	52.5	70	77	178	90	545	140	350	19	E / L
TKSH 60-90 AD	2.05	-	87	110	207	36.3	7	-	-	E / L
TKSH 60-90 CL	1.4	-	56.3	-	-	-	109	51	-	E / L
TKSH 100-140 AD	5.26	-	116	147	285	44	15	-	-	E / L
TKSH 100-140 CL	3.47	-	75	-	-	-	164	66		E / L











NOTES

NOTES

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