

Ingeniería Civil

*¡Ventaja para los
expertos de la obra!*



BETEK

Avanzando!

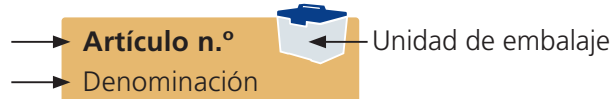


Programa de herramientas

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En las ilustraciones de herramientas de las páginas siguientes encontrará las siguientes informaciones:



Dimensiones: mm / pulgadas

Instrucciones de soldeo:

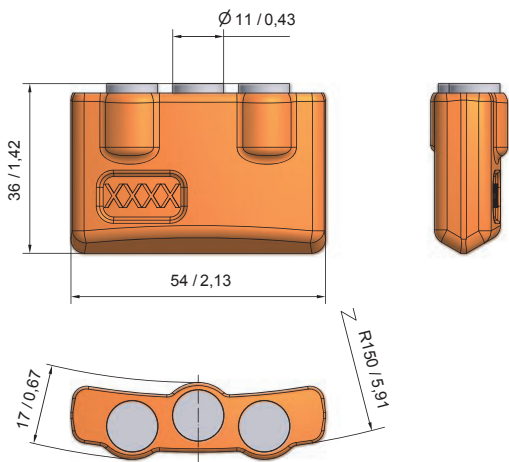
www.betek.de/es/productos/perforacion-de-cimientos-informacion.html

SERVICE:

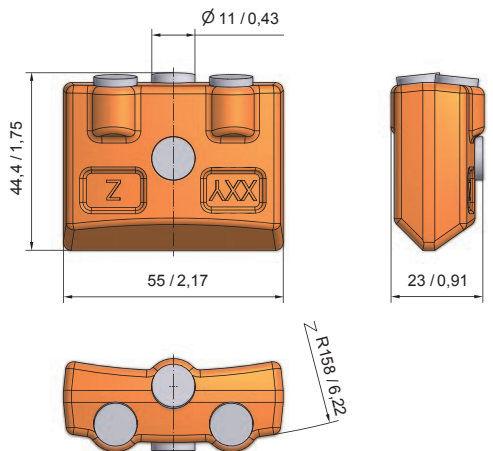
Alemania: info@betek.de
Tel.: +49 (0) 74 22 / 5 65-591



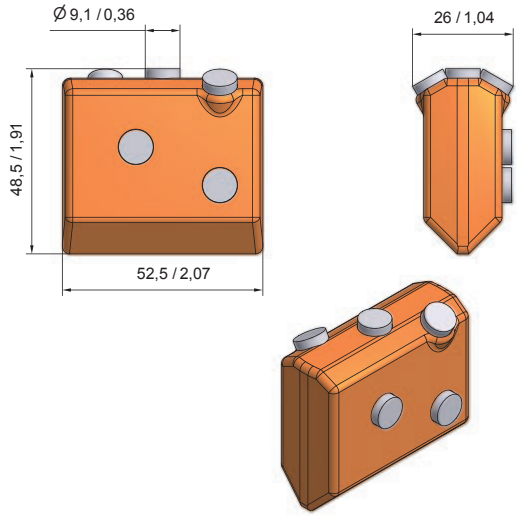
Barras para soldar



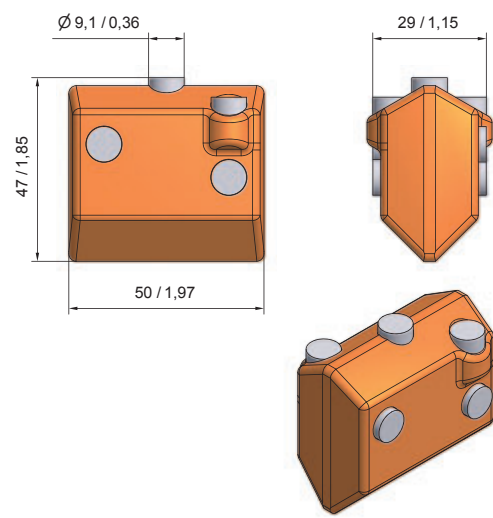
BA12
BA55-17/11/R 50



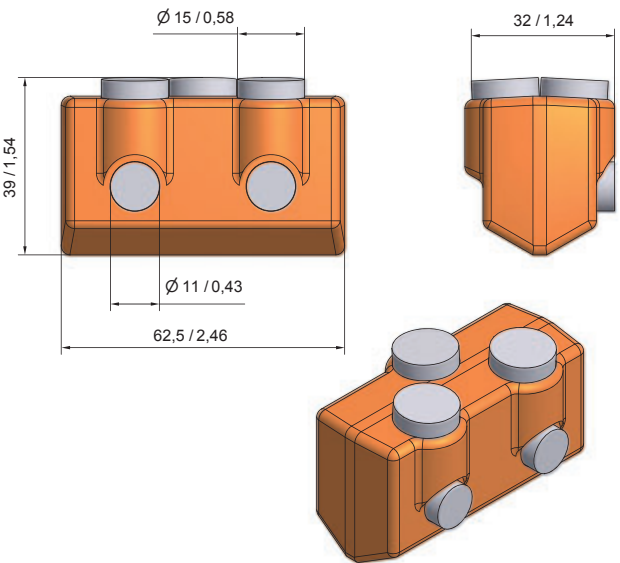
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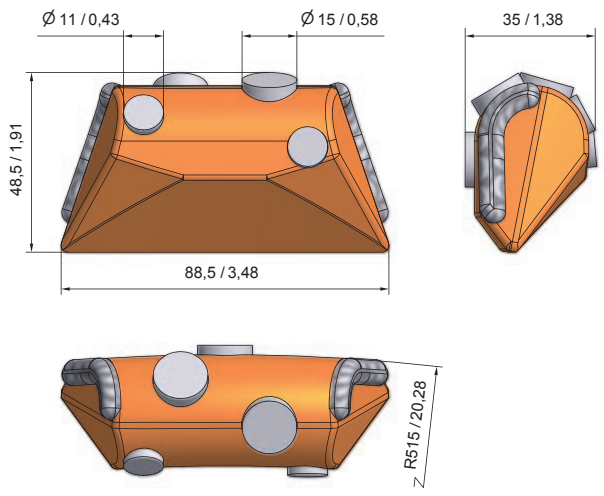
BA10
BA50-26.5 50



BA09
BA50-29 30

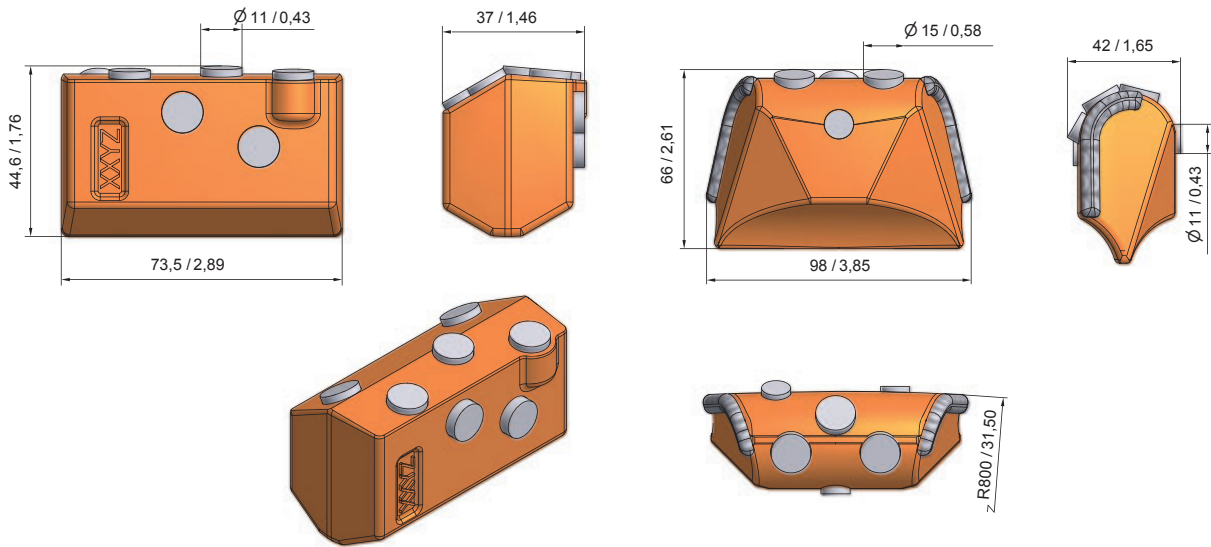


BA32
BA60-32/2 20



BA01
BA90-35 25

Barras para soldar

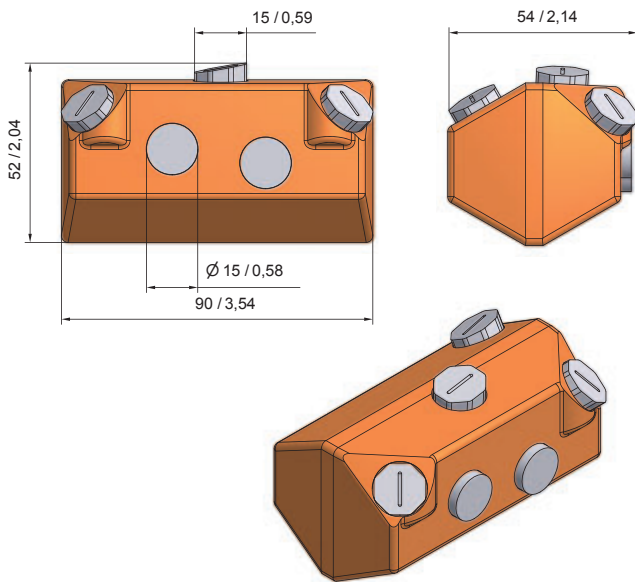


BA04
BA70-38

20

BA24
BA90-42

15

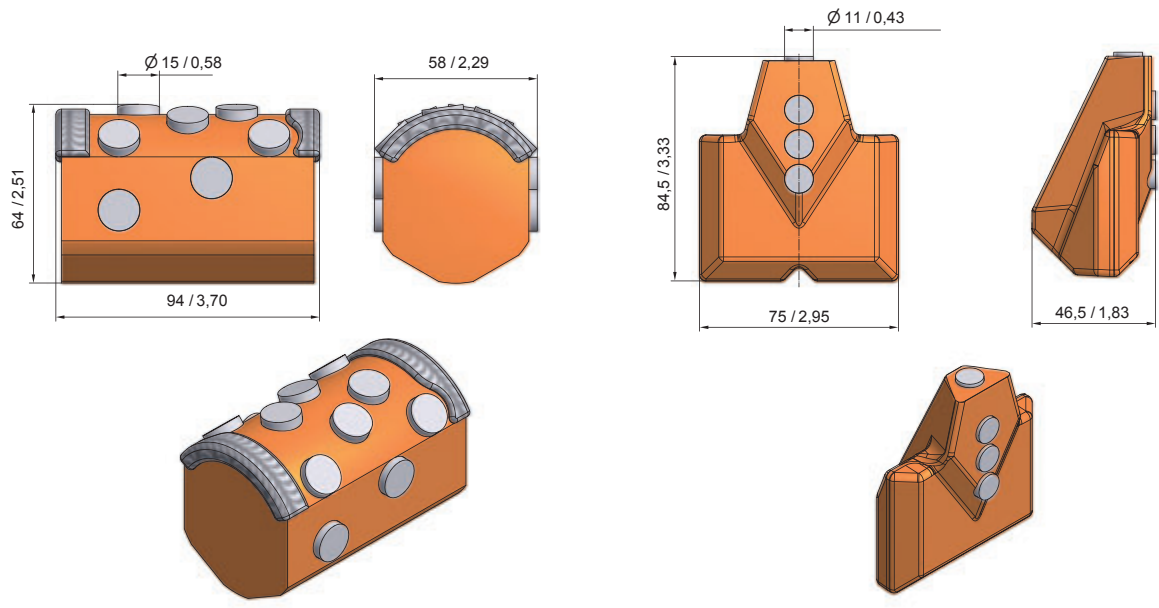


BA19
BA90-54

10



Barras para soldar

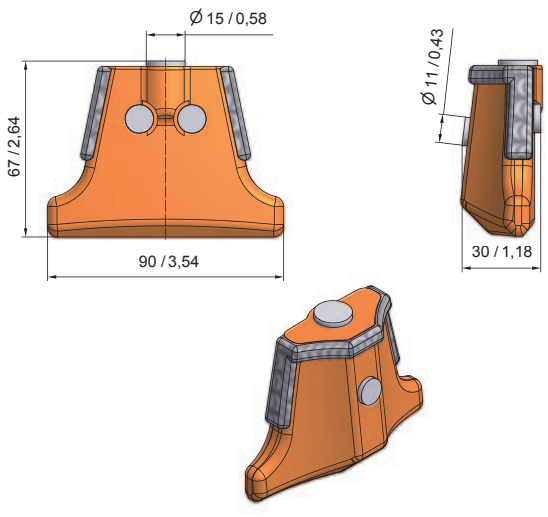


BA28
BA90-58/3

8

BFZ26
BFZ83x75x45/1

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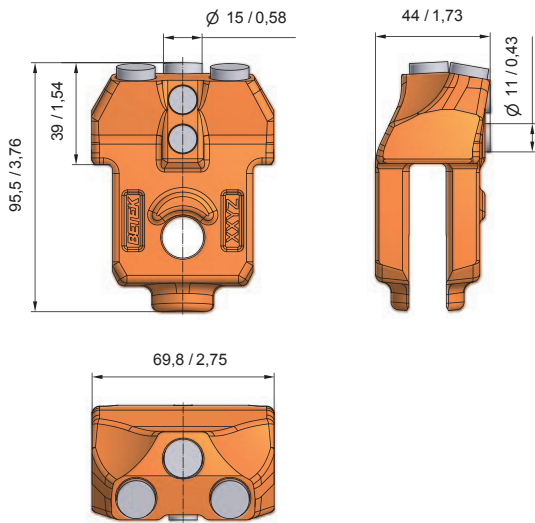


BFZ72 / B
BFZ65x90x30

25

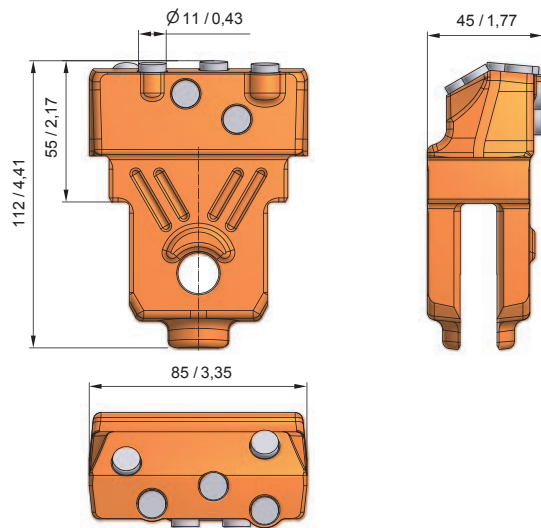


Barras de recambio rápido 40 mm/1,58" grosor de la pared encamisado



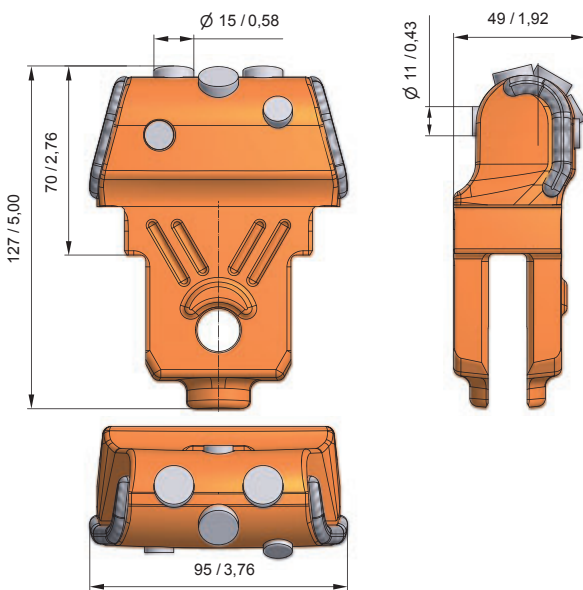
BA47

BA105x70x40



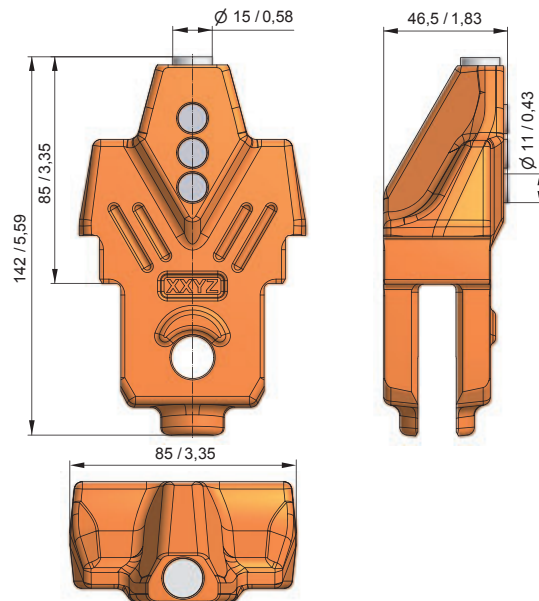
BA50

BA112x85x40



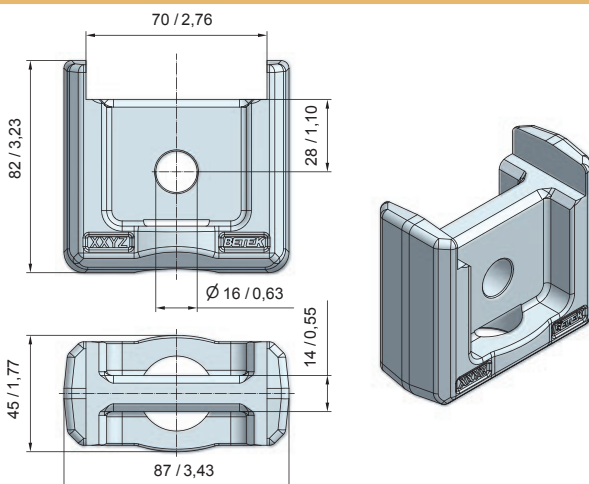
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BA 127x90x40



BA52

BA 142x85x40



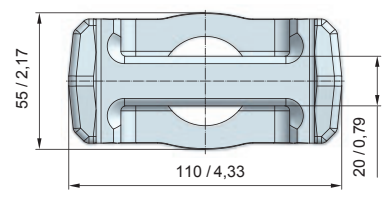
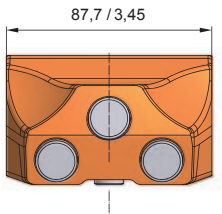
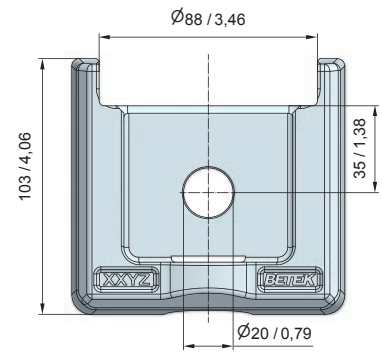
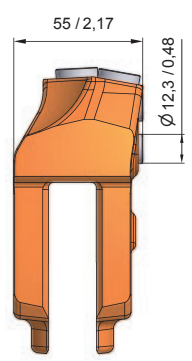
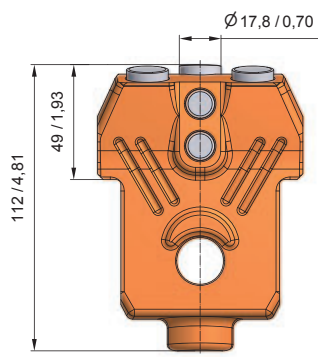
BHA04

BHA87x82x38



SPH73

Barras de recambio rápido 50 mm/1,97" Grosor de la pared encamisado



BA53
BA122x88x50

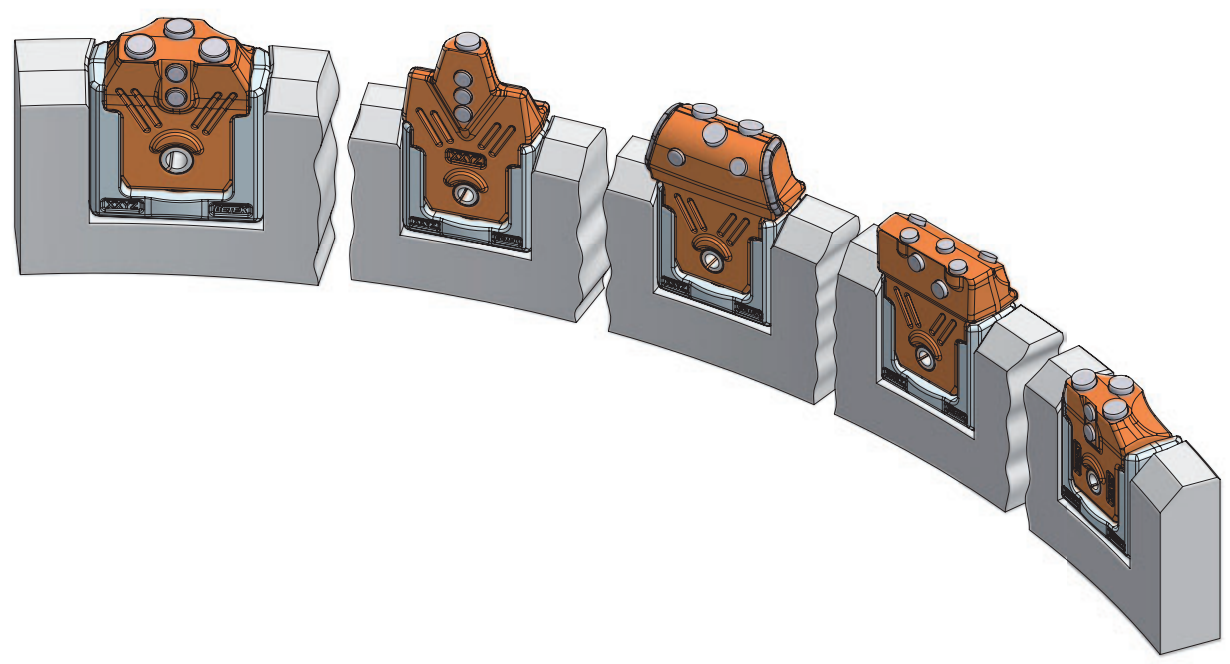


BHA05
BHA110x103x50

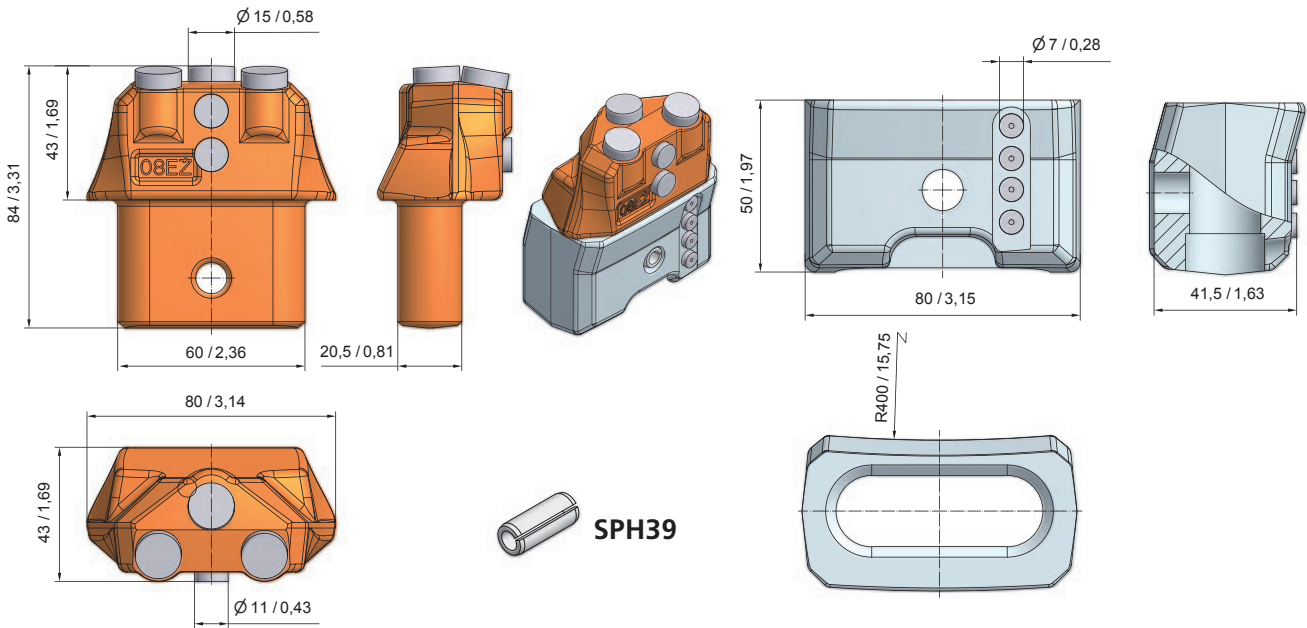


Barras de recambio rápido

Para un mayor avance de la perforación, gracias a una nueva geometría de corte y un cambio más rápido en el lugar de obras.



Barras de recambio rápido 40 mm/1,58" grosor de la pared encamisado



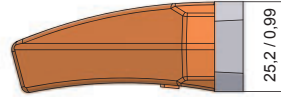
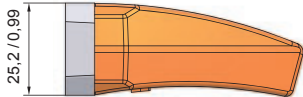
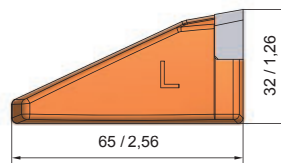
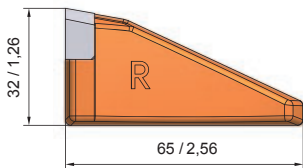
BA46
BA80-31

15

BHA02
BHA60/2

20

Dientes soldados

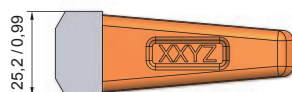
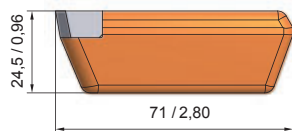


BFZ25R
BFZ25-R

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BFZ25L
BFZ25-L

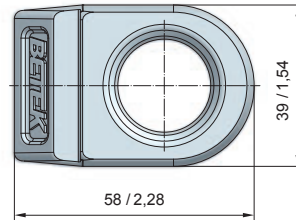
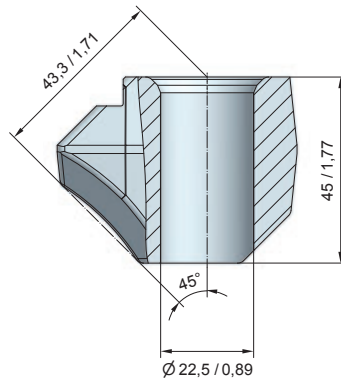
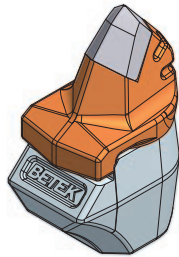
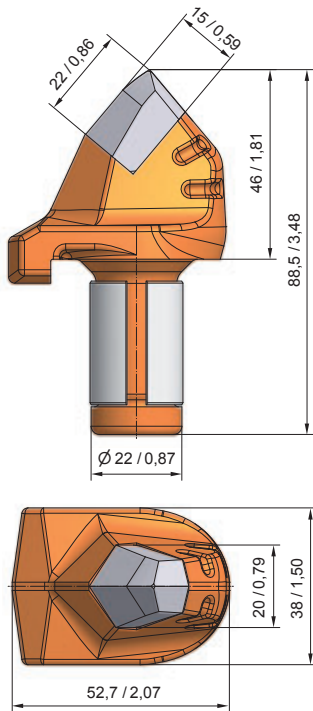
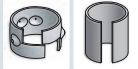
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BFZ96
BFZ71x25

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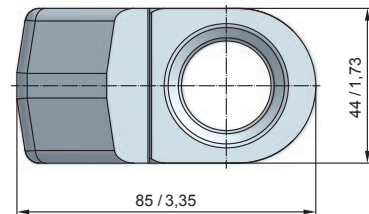
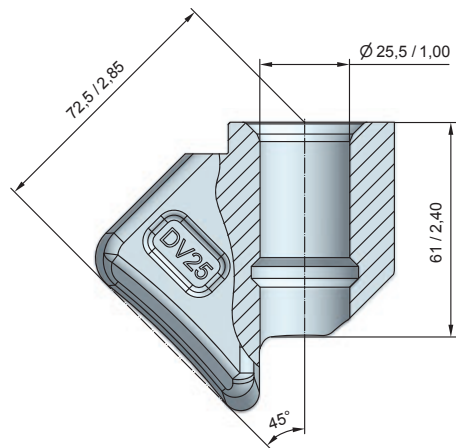
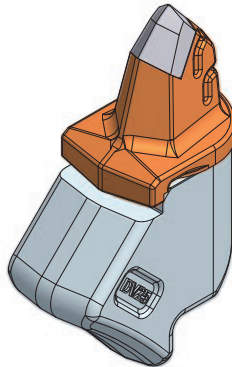
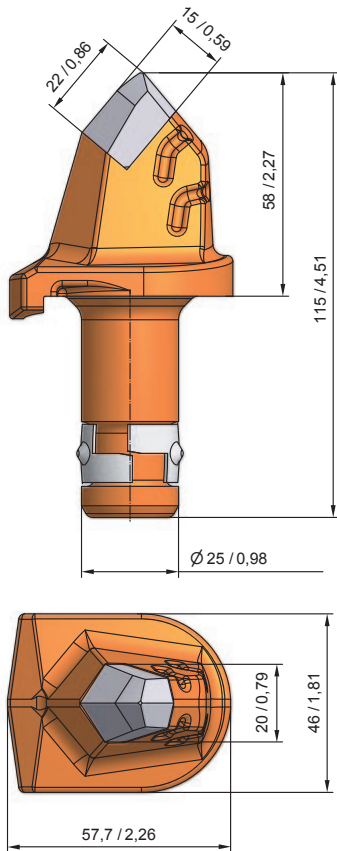
Dragon Tooth



BFR07
BFR 46-22



BHR133
B10/22-F



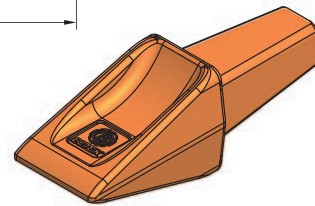
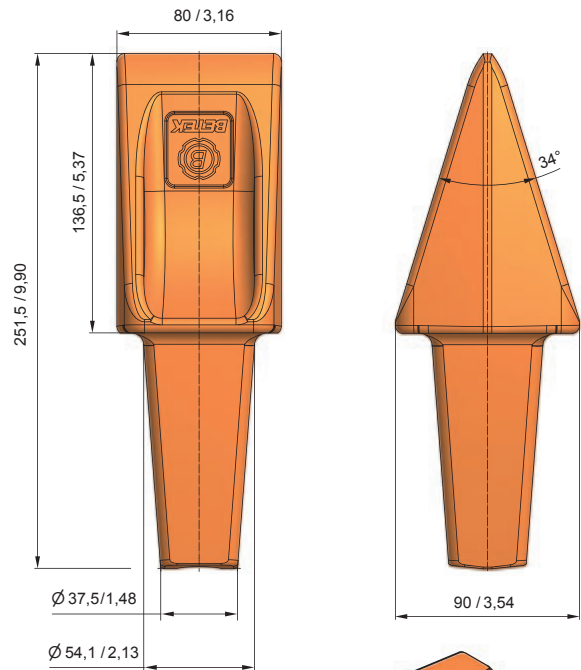
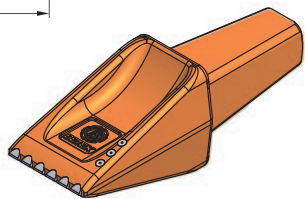
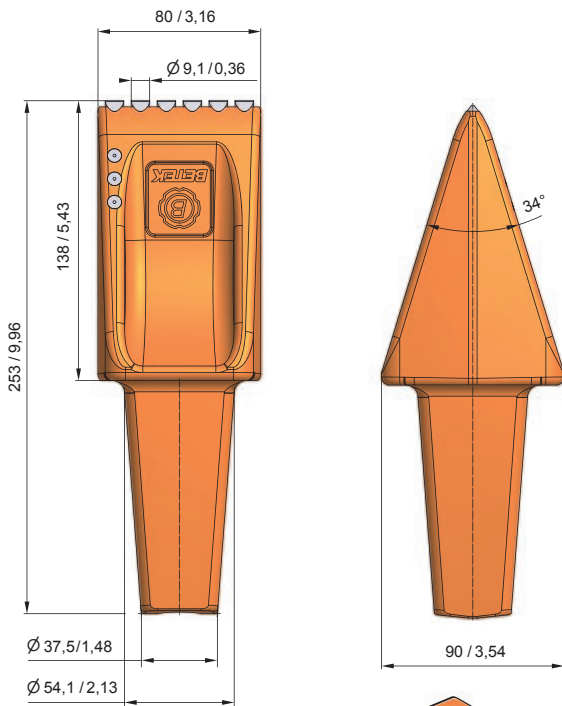
BFR08
BFR58-25



BHR184
DV25-F



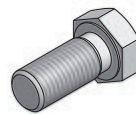
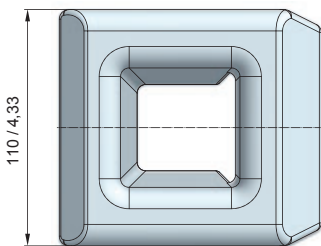
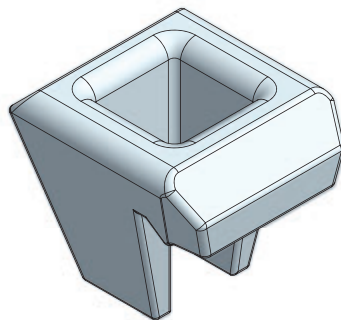
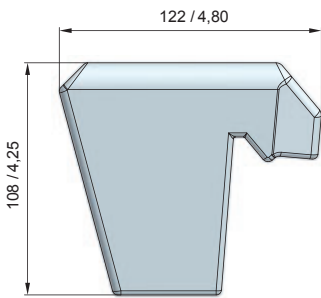
Dientes planos



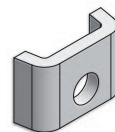
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BFZ79
BFZ80 OHM



S1102

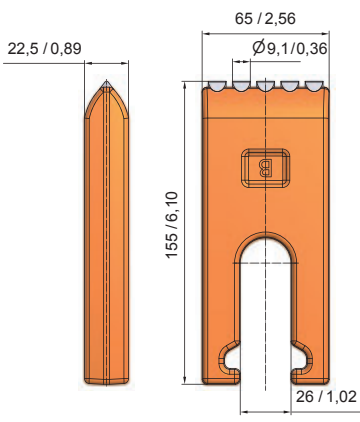


S1103

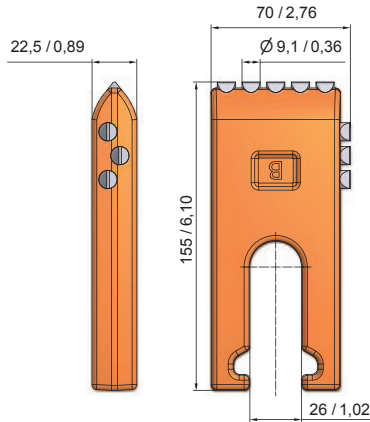
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BHZ80/2



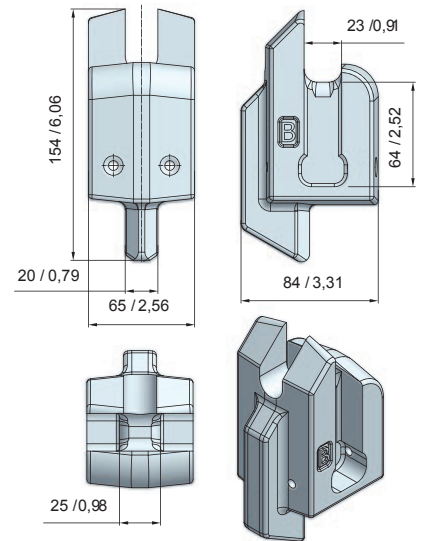
Dientes planos



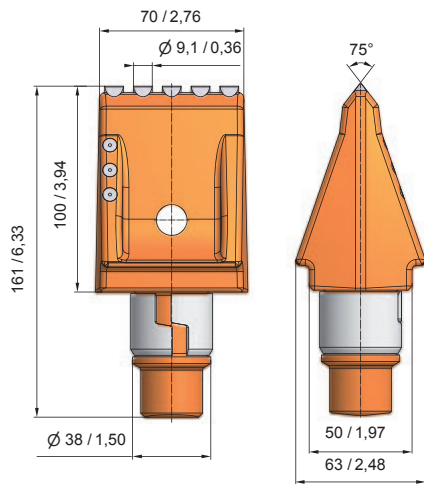
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BFZ65/2



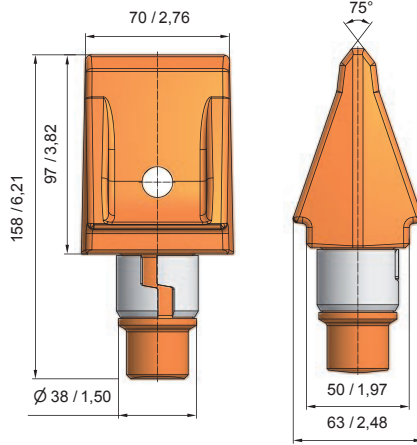
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BFZ65/3



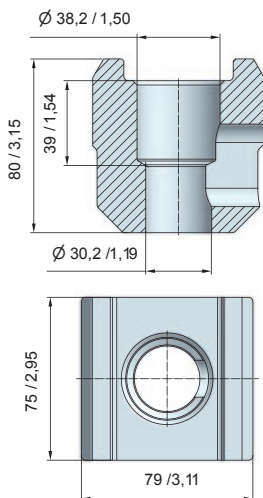
BHF02
B65-22



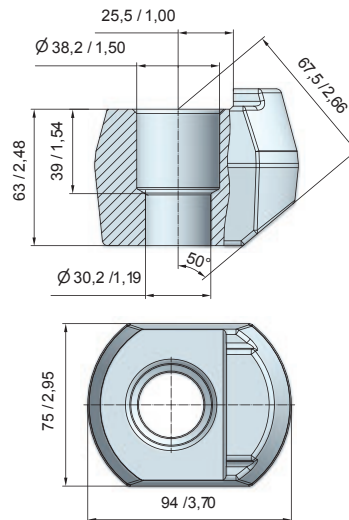
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BFZ69
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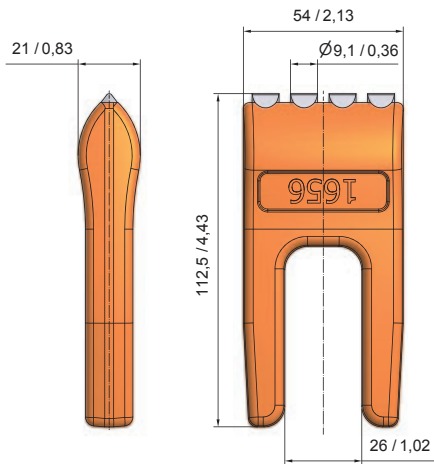
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B75



BHR39
B48

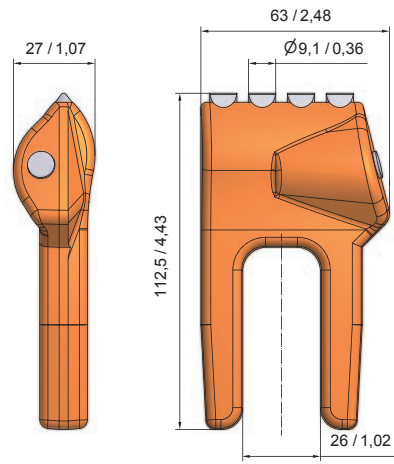


Dientes planos



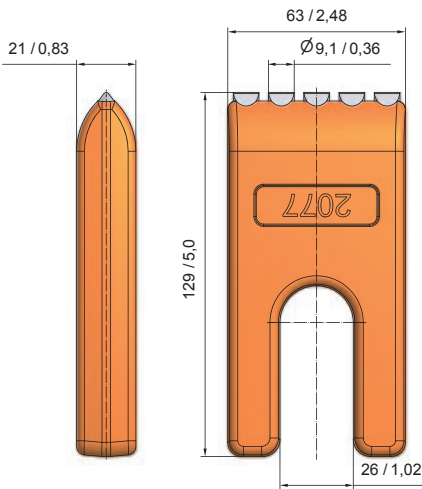
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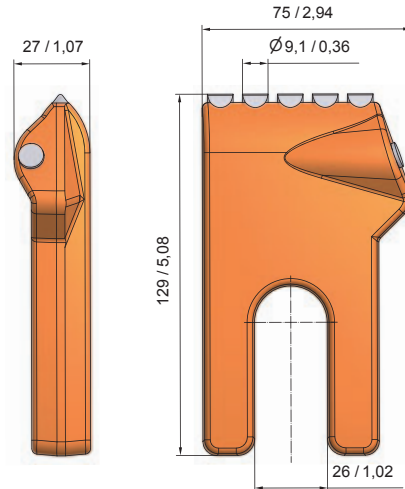
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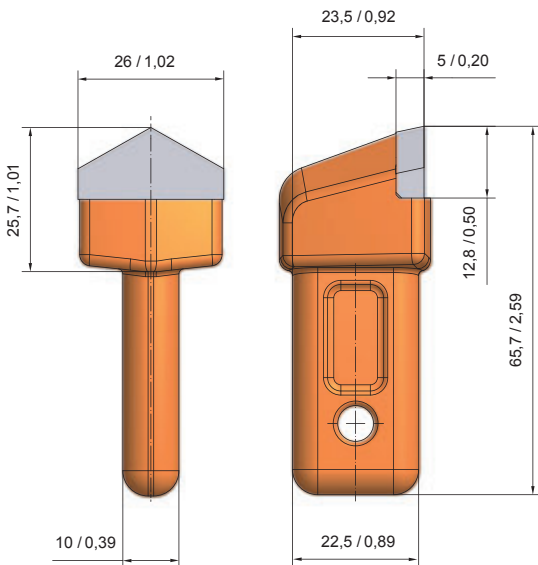
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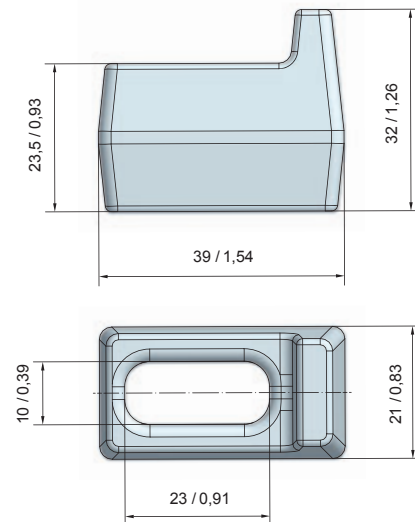
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BFZ272
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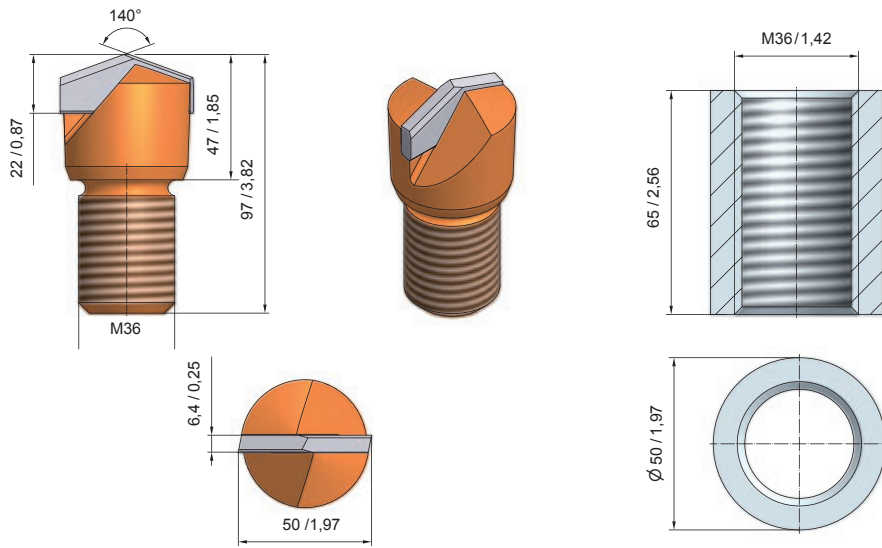
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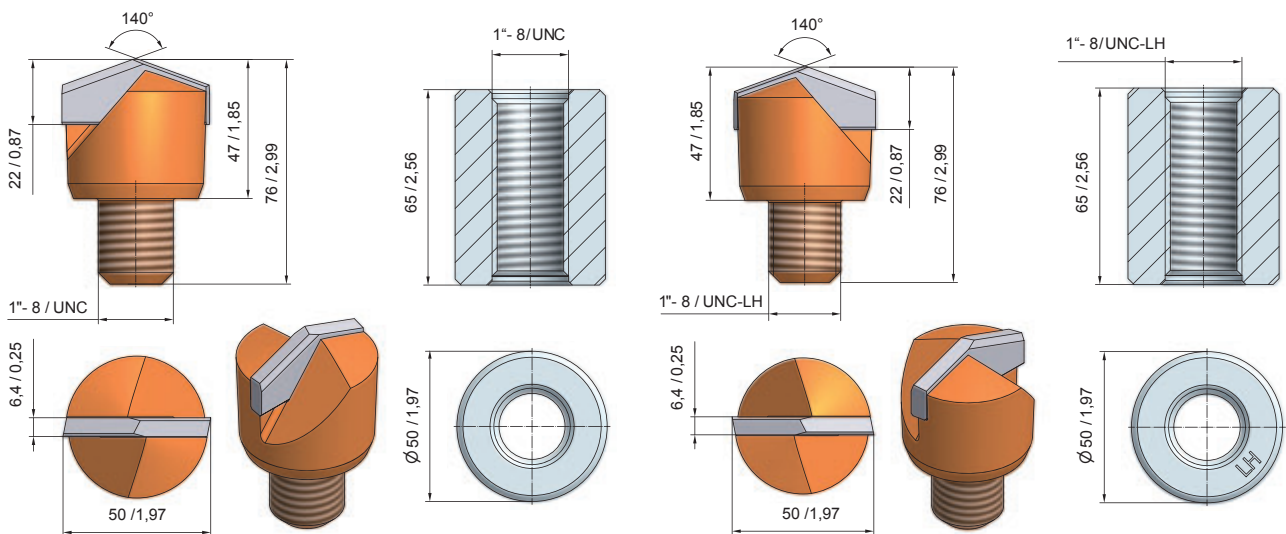
BHZ24
BHZ39x32x21

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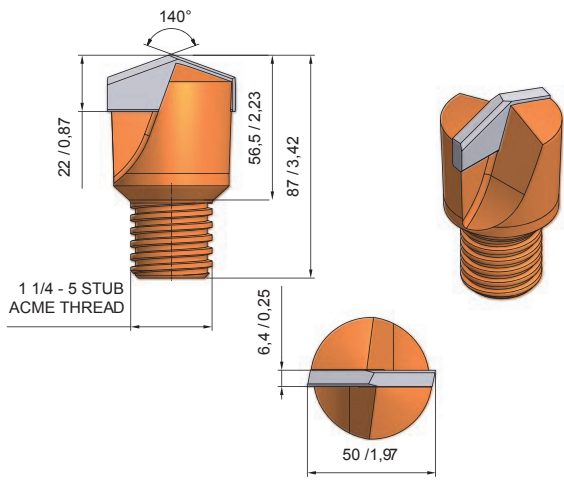
Pilotos



BP04 20 **BPH01** 10
BP51/M36-HD3 GH-M36



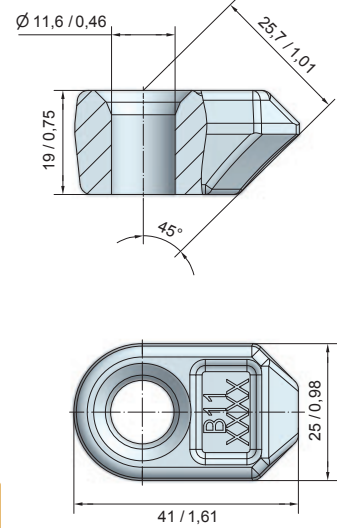
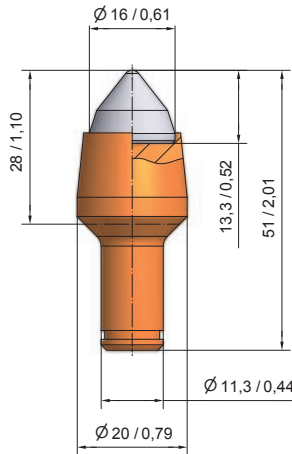
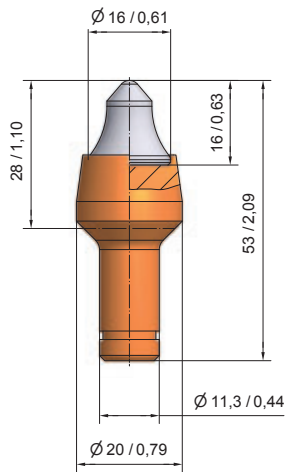
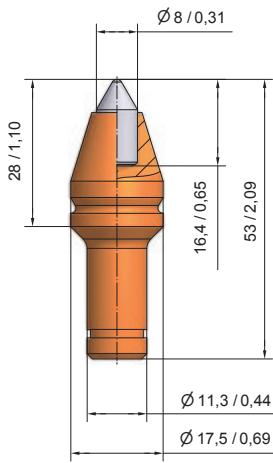
BP01 20 **BPH02** 10 **BP10** 20 **BPH03** 10
BP51/1"-HD3 GH-1" BP51/1"-HD3/LH GH-1"LH



BP51 20
BP51x87



Sistema de vástagos Ø 11,3 mm/0,44"



BM11



BM 8-11.3

BM10



BM 4-11.3

BM46



BM 3-11.3



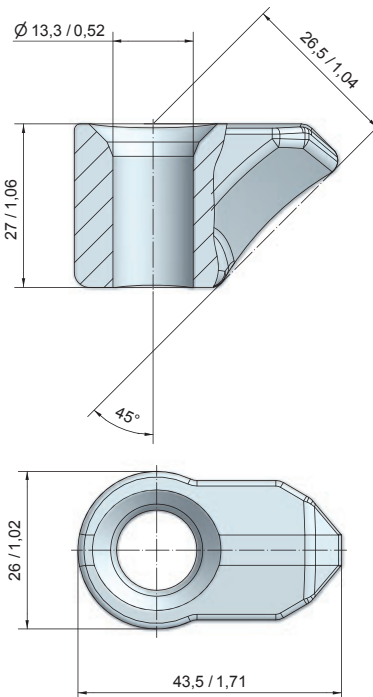
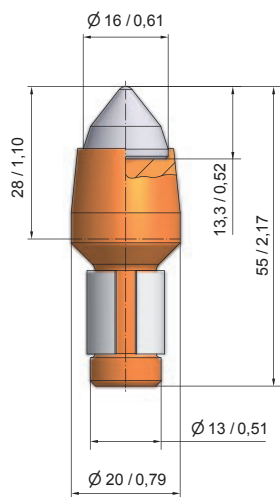
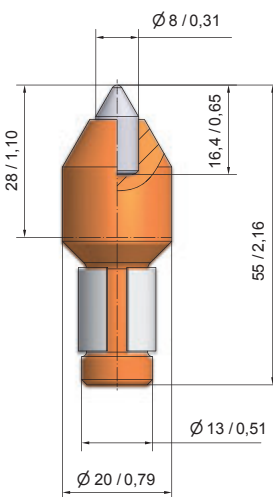
SR54

BHR03



B 11

Sistema de vástagos Ø 13 mm/0,52"



BM34



BM 8-13/H

BM62



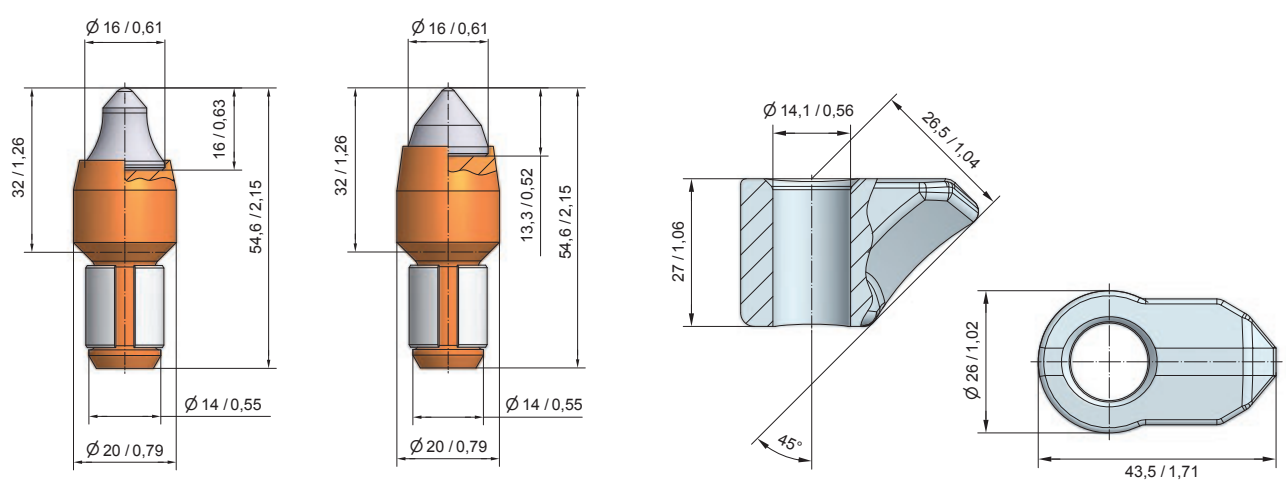
BM3-13/H

BHR47



B13

Sistema de vástagos Ø 14 mm/0,55"



BM55
BM 4-14/2

200

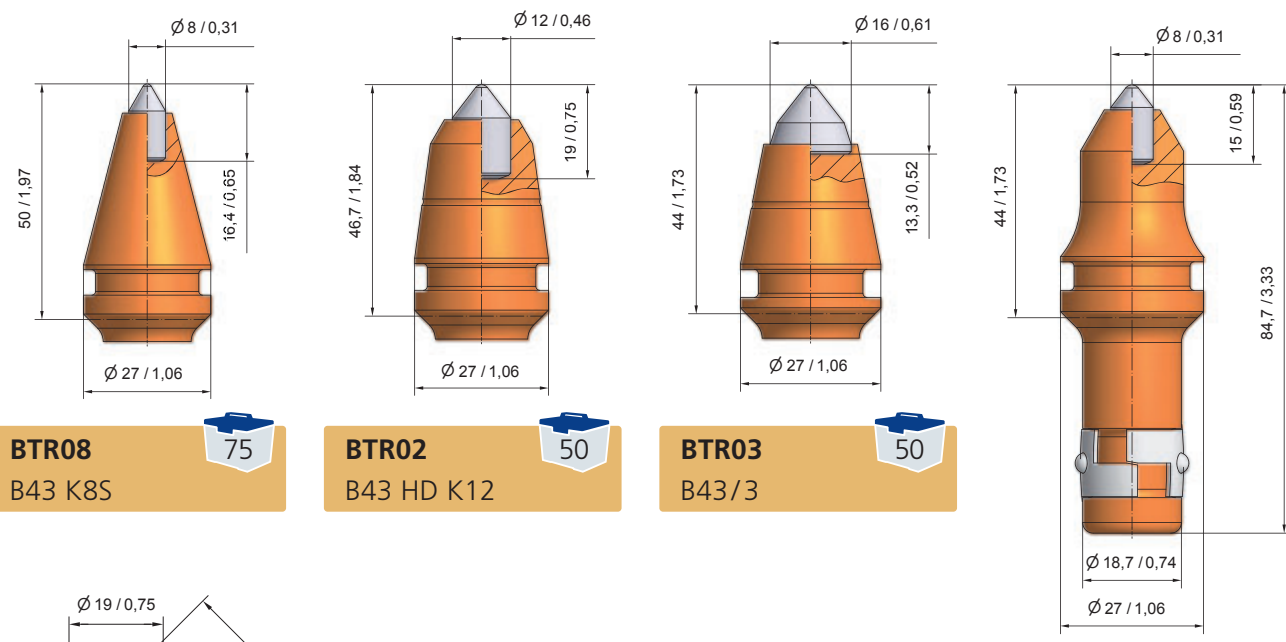
BM60
BM 3-14/H

200

BHR109
B14

150

Sistema de vástagos Ø 18,7 mm/0,74"



BTR08
B43 K8S

75

BTR02
B43 HD K12

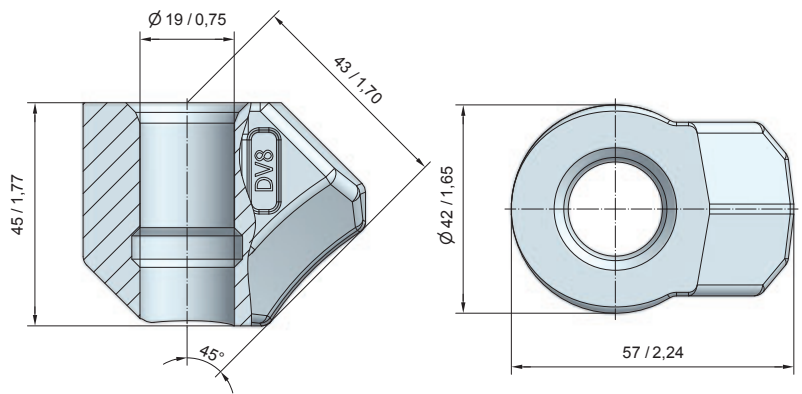
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BTR03
B43/3

50

BTR01
B43K8

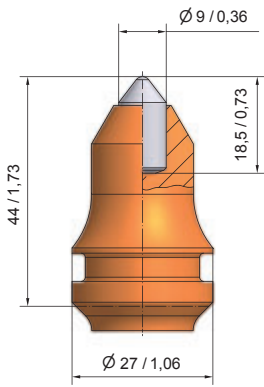
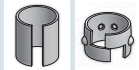
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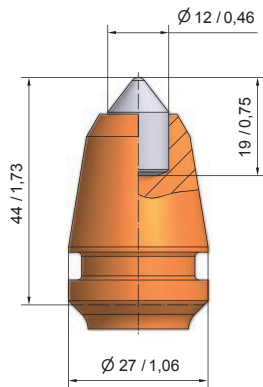
BHR20
DV 8

40

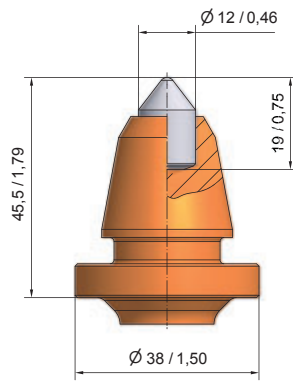
Sistema de vástagos Ø 19,4 mm/0,76"



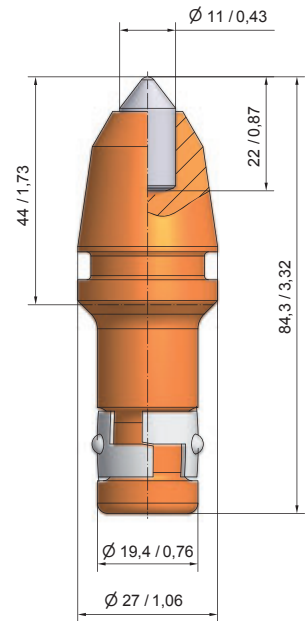
BSK15
B1K9-K



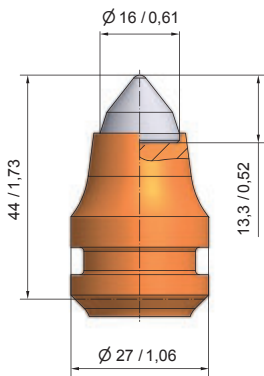
BSK17
B1HDK12-K



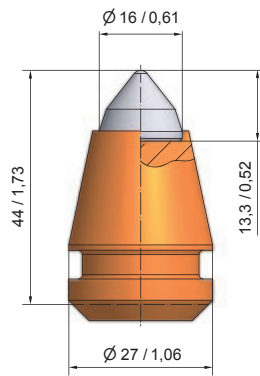
BSK21
B1-12/38-K



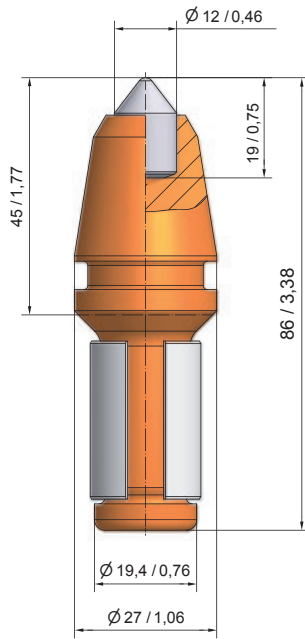
BSK16
B1HDK11-K



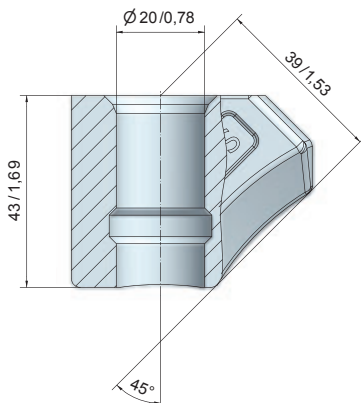
BSK12
B3-K



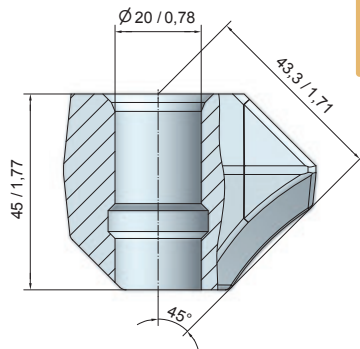
BSH09
B3



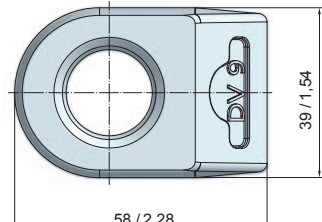
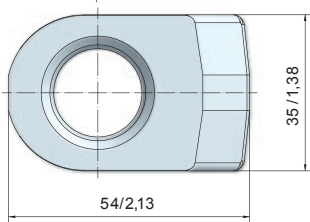
BSH05
B1HDK12



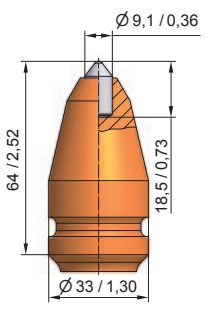
BHR164
DV9-S



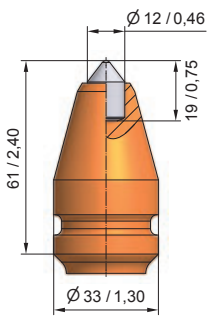
BHR07
DV 9



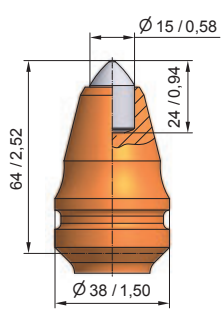
Sistema de vástagos Ø 25 mm / 1"



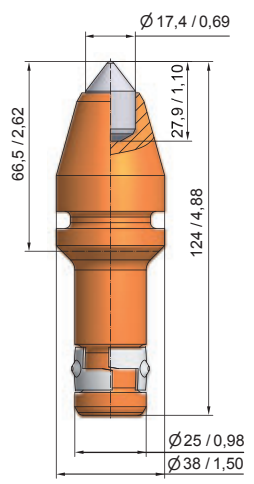
BTK01
B40 K9



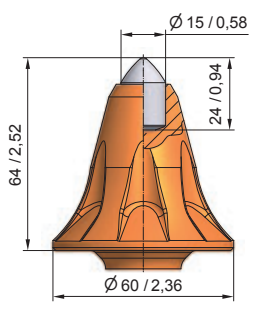
BTK03
B40 HD K12



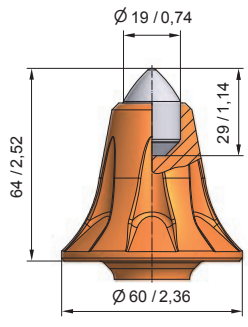
BTK10
B40 HDS



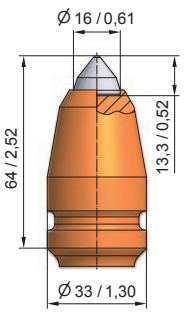
BTK70
B40K17.5



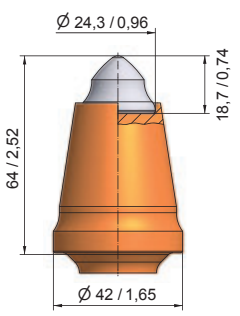
BTK81
B40 HDS/60



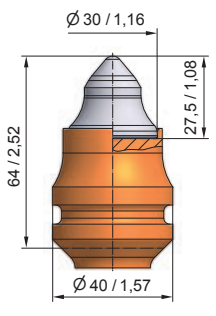
BTK89
BG25K-19.6064



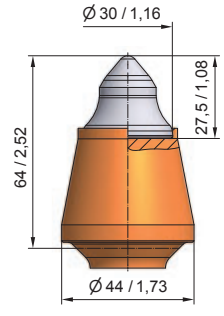
BTK16
B40/3



BTK87
B40/9



BTK23
B40 HBL

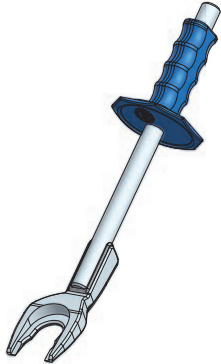
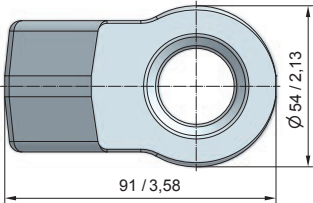
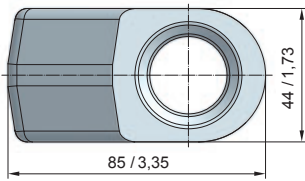
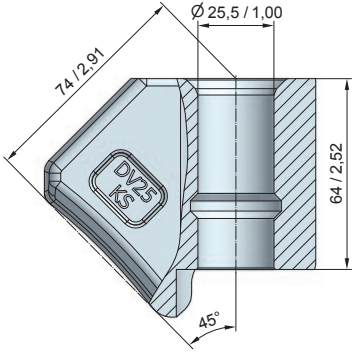
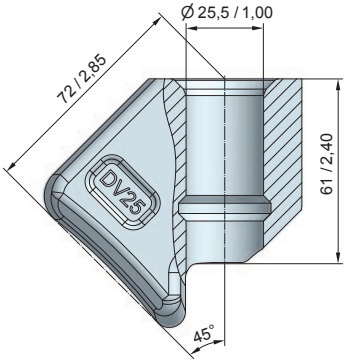


BTK26
B40-J1-HBL





Sistema de vástagos Ø 25 mm / 1"



BHR31
DV 25

15

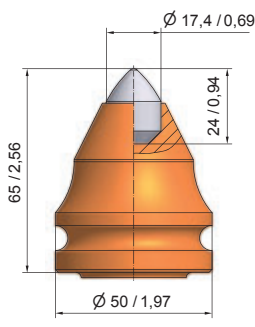
BHR121
DV 25 KS

10

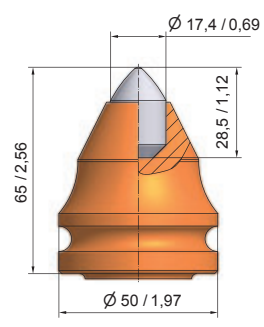
BZ22
Tirador de broca



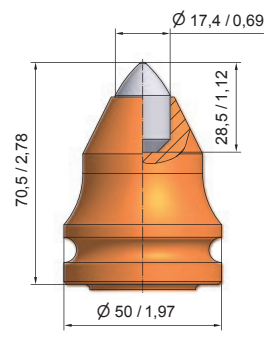
Sistema de vástagos Ø 38/30 mm - 1,5/1,18"



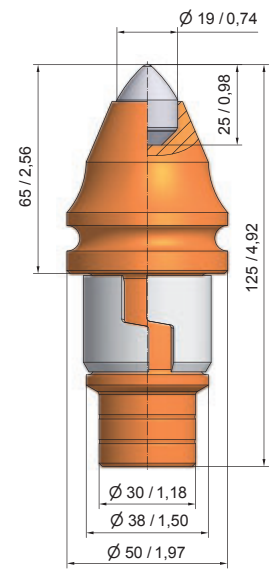
BKH140
B47K17.5-H/2



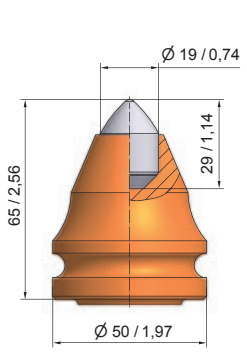
BKH28
B47K17.5-H



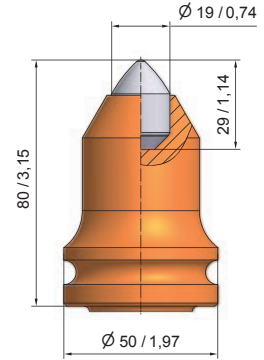
BKH80
B47K17.5LK70-H



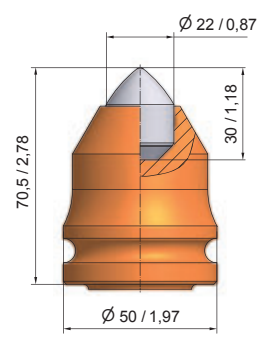
BKH83
B47K19-H/2



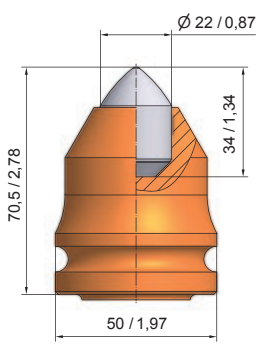
BKH40
B47K9-H



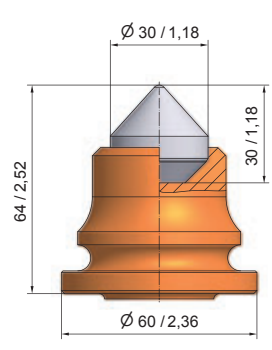
BKH41
B47K19LK80-H



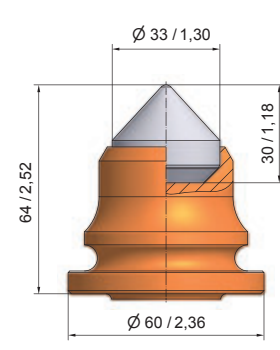
BKH85
B47K22-H/2



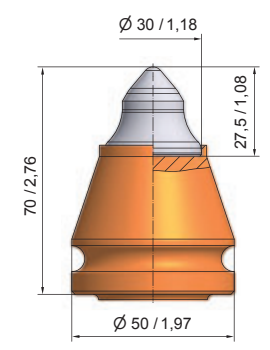
BKH47
B47K22-H



BKH81
B47K30/60-H



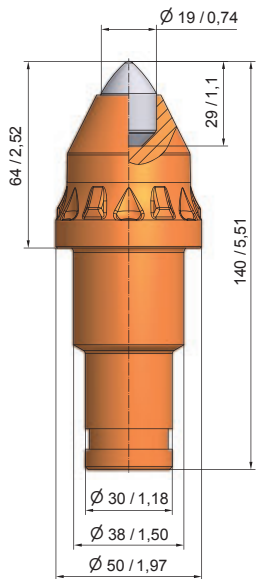
BKH84
B47K33/60-H



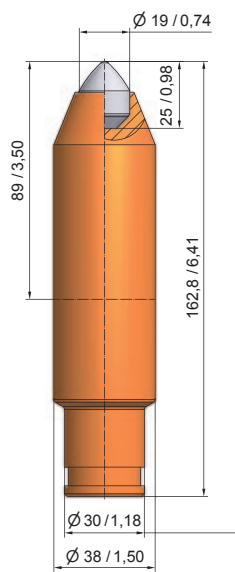
BKH73
B47K30LK70-H



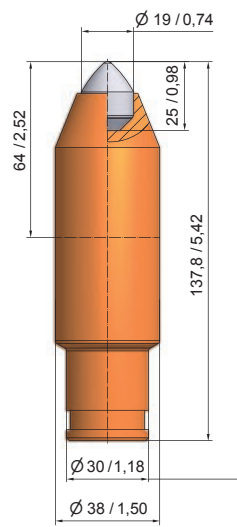
Sistema de vástagos Ø 38/30 mm - 1,5/1,18"



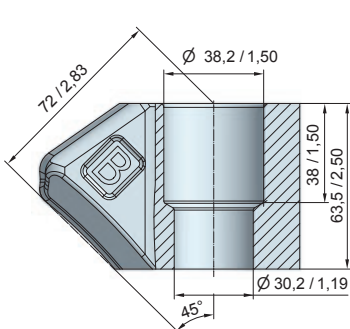
BKS154 10
BS38W-19.5064



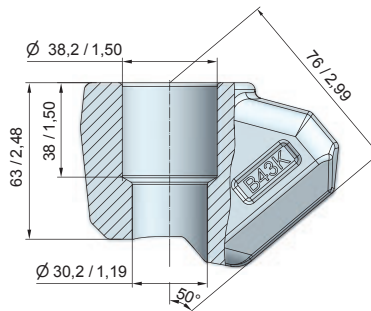
BKS186 15
BS38W-19.3889



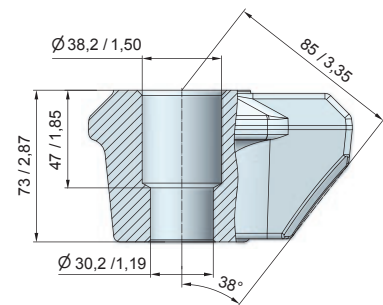
BKS187 15
BS38W-19.3864



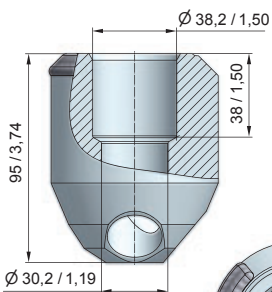
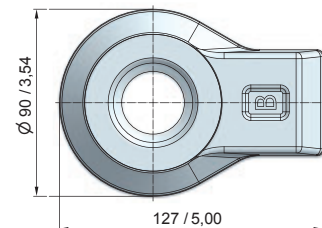
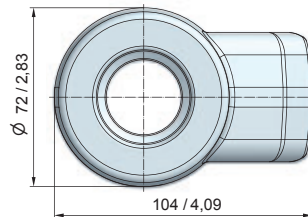
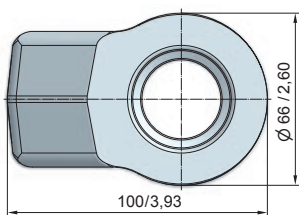
BHR38 10
B43H



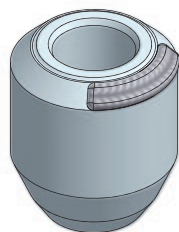
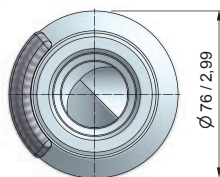
BHR113 6
B43K



BHR77 5
B320



BHR163 6
B76/P

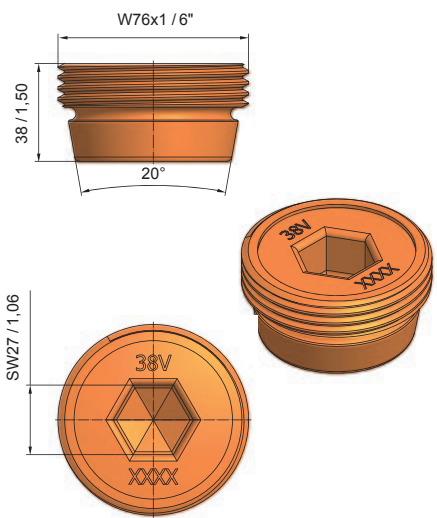


BZ12
Tirador de broca

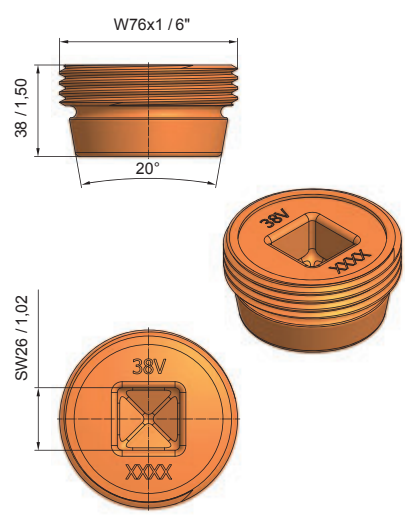


BZ12
Tirador de brocas
incluyendo disco de cobre

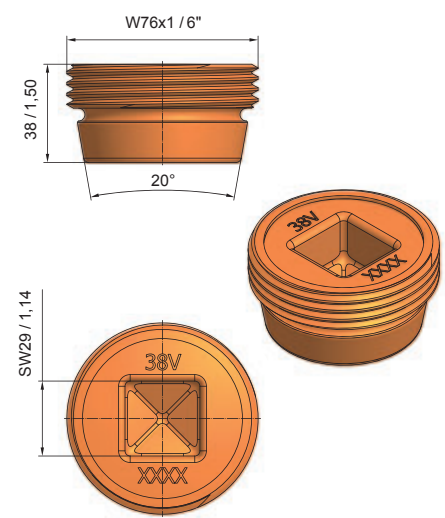
Conexiones atornilladas



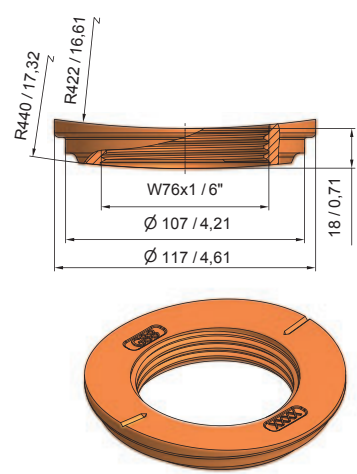
BRV08 15
BRV75/38LV



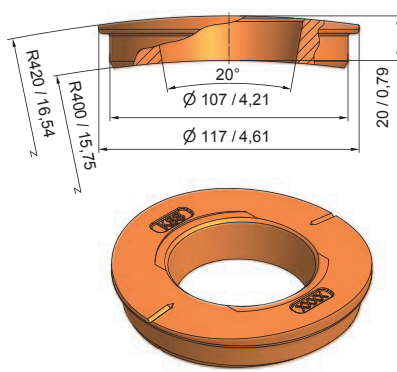
BRV10 15
BRV75/38LV/4



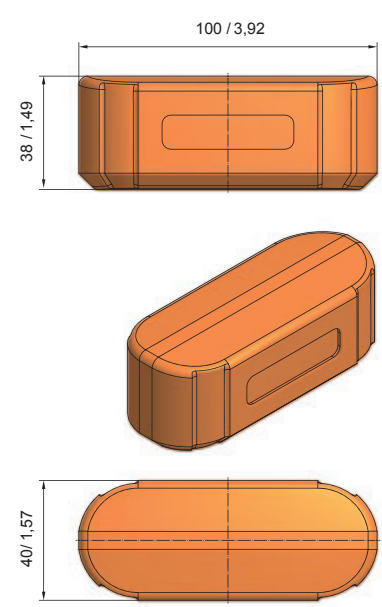
BRV23 15
BRV75/38LV/4/29



BRV02 15
BRV-G88/L



BRV03 15
BRV-K88/L



BRV32 15
BRV-AK



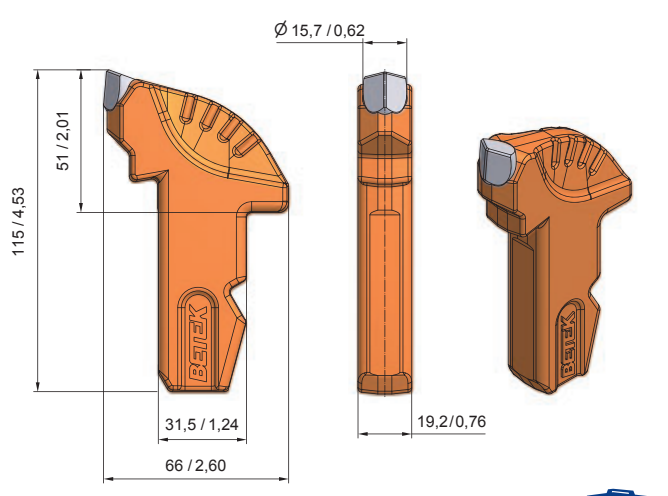
BRV34
BRV SW26



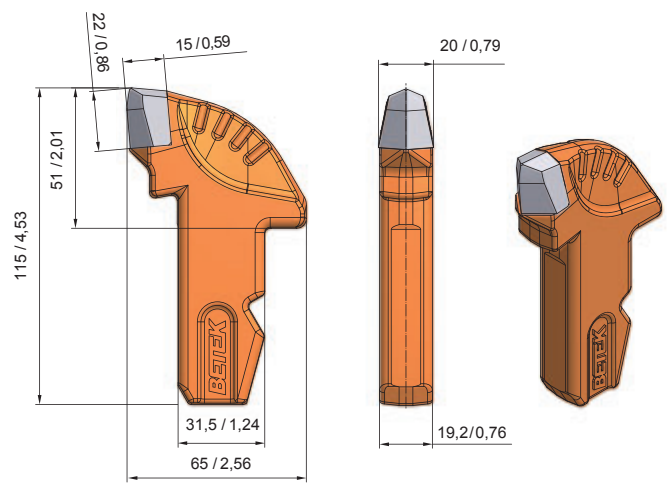
BRV35
BRV SW29

Denominación	Utilización/ Información	Artículo n.º
Conexiones atornilladas con un grosor de pared de hasta 30 mm.		
BRV-G46-14	d=460	BRV19
BRV-K46-14	d=460	BRV18
BRV60/29/4	–	BRV20
Conexiones atornilladas con un grosor de pared de hasta 40 mm.		
BRV-G64/B	d=620 - 640	BRV04
BRV-K64/B	d=620 - 640	BRV05
BRV-G64/L	d=620 - 640	BRV14
BRV-K64/L	d=620 - 640	BRV15
BRV-G88/L	d=880	BRV02
BRV-K88/L	d=880	BRV03
BRV-G118/L	d=1180	BRV06
BRV-K118/L	d=1180	BRV07
BRV-G150/L	d=1500 - 1800	BRV12
BRV-K150/L	d=1500 - 1800	BRV11
BRV-G80-100-B	d=800 - 1000	BRV30
BRV-K80-100-B	d=800 - 1000	BRV31
BRV75/38LV	(6kt.SW27)	BRV08
BRV75/38LV/4	(4kt.SW26)	BRV10
BRV75/37/12°/BV	–	BRV16
BRV75/38LV/4	(4kt.SW29)	BRV23
O-Ring 5x60	–	SI116
Conexiones atornilladas con un grosor de pared de hasta 50 mm.		
BRV75/48/4	–	BRV17
BRV-G140-23	d=1400 - 1500	BRV21
BRV-K140-24,5	d=1400 - 1500	BRV22
Otros		
BRV-AK	(Cuña de bloqueo)	BRV32

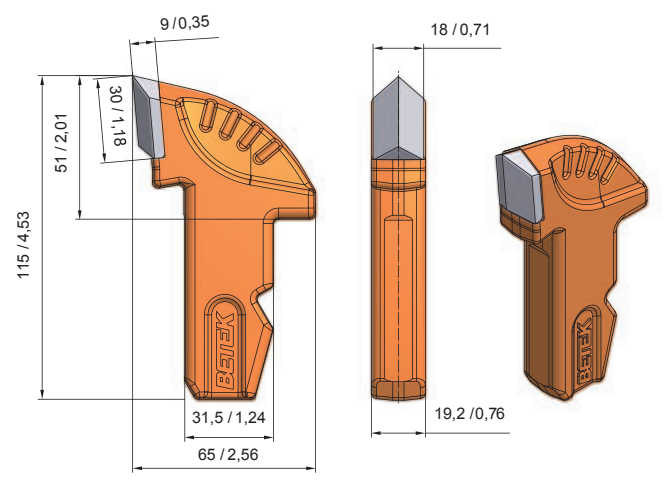
Dientes planos para Fresa Hidráulica



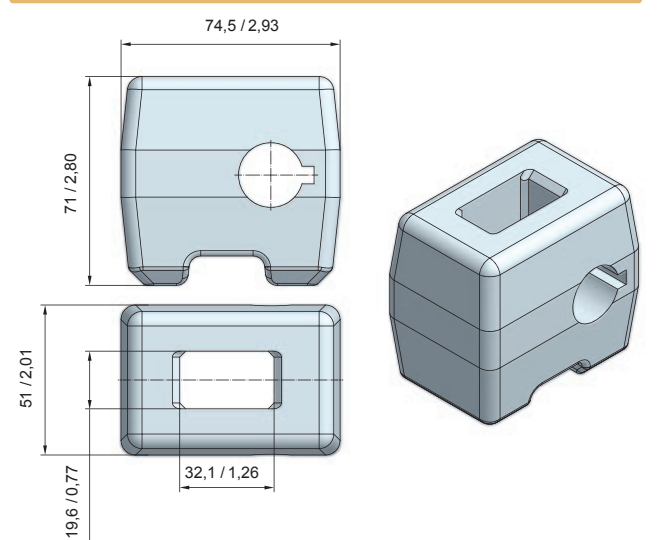
BF40
BF 115x32x19



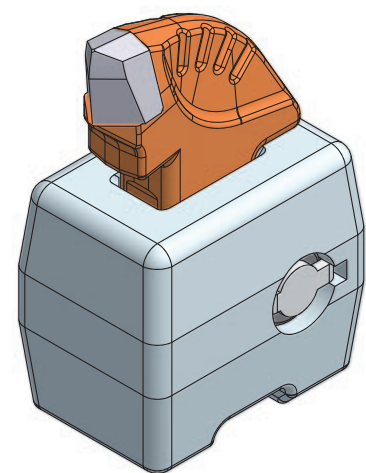
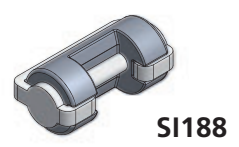
BF41
BF 115x32x19/1



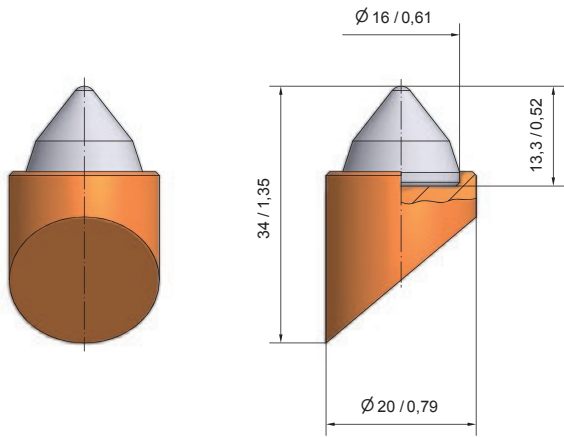
BF42
BF 115x32x19/2



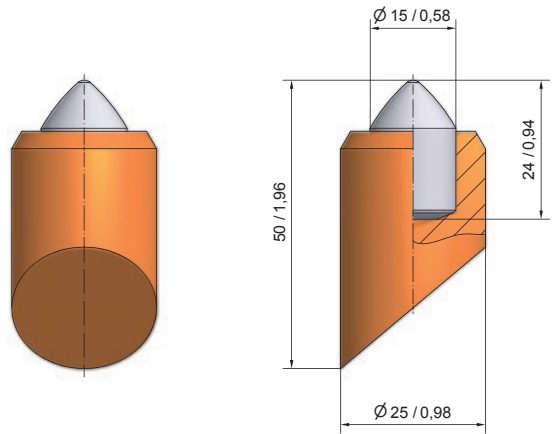
BHF15
BHF 32x20



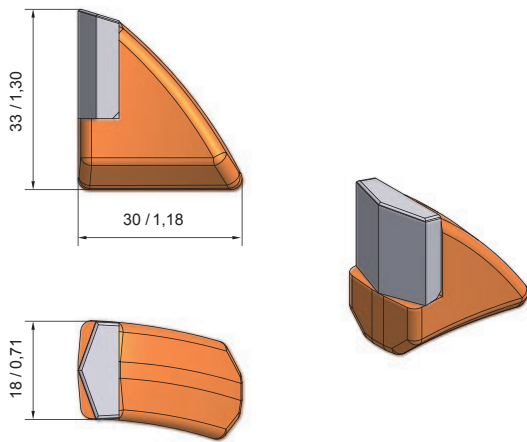
Perforación horizontal dirigida (PHD) Dientes soldados



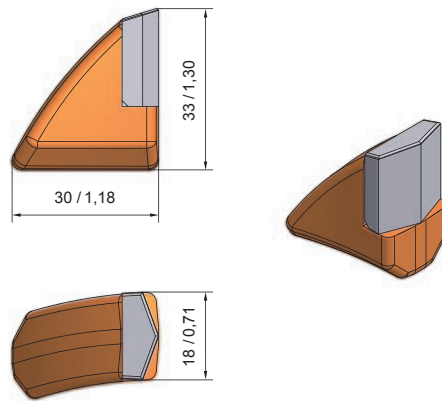
BFZ158
BFZ3 250



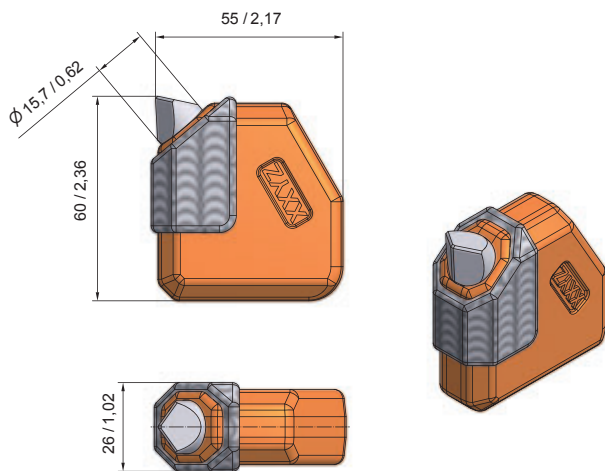
BFZ207
BFZ1 100



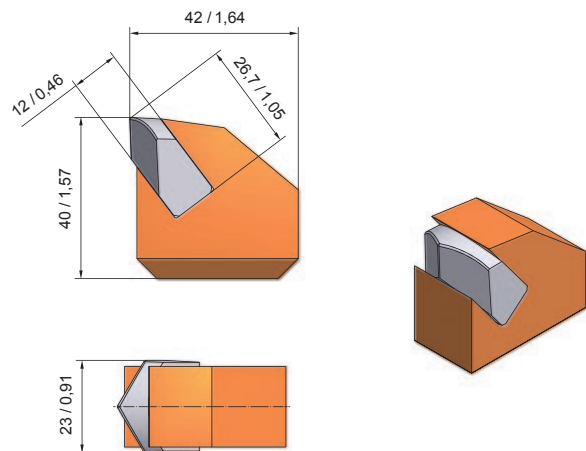
BFZ107
BFZ18/R 200



BFZ144
BFZ18/L 200

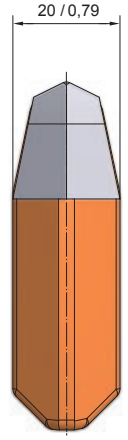
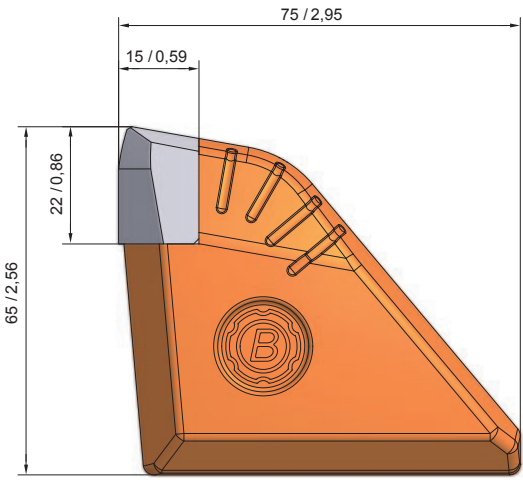
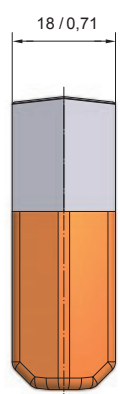
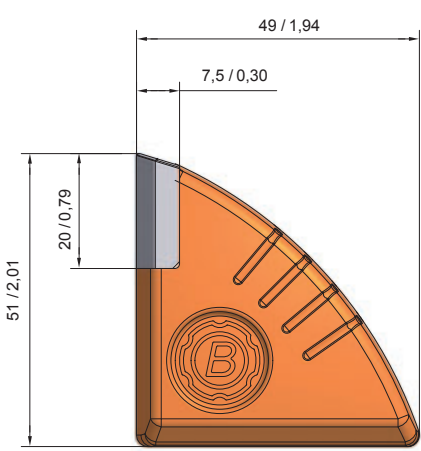


BFZ257
BFZ 60x55x22 25



BFZ260
BFZ 42x40x23 50

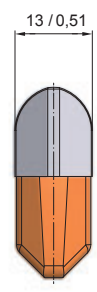
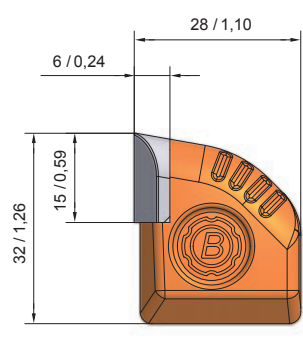
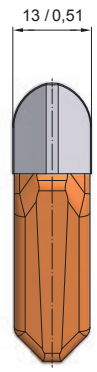
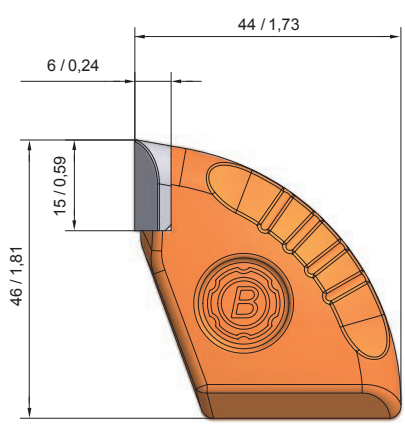
Perforación horizontal dirigida (PHD) Dientes soldados



BFZ87
BFZ 18/2



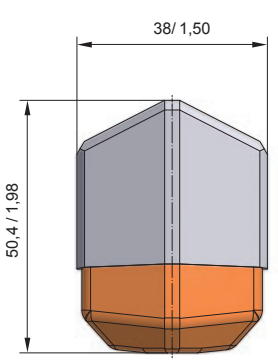
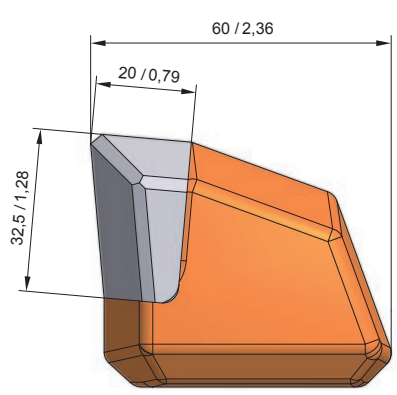
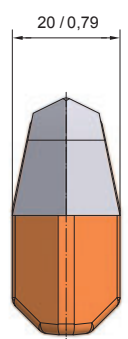
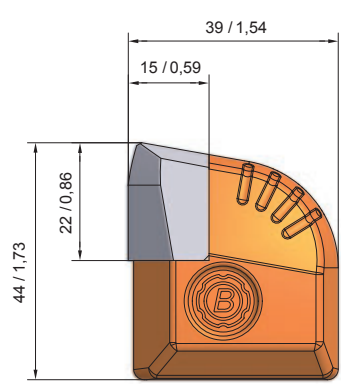
BFZ319
BFZ 75x65x20



BFZ318
BFZ 46x44x13



BFZ321
BFZ 32x27x13



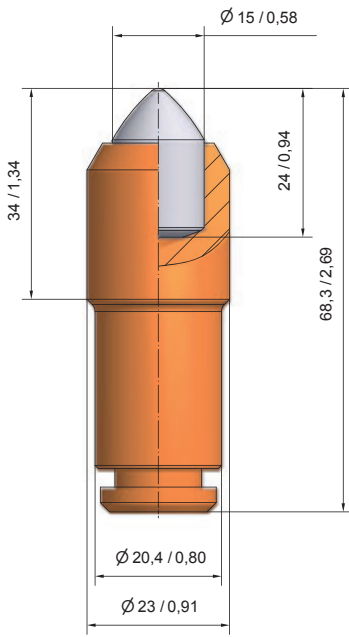
BFZ320
BFZ 44x39x22




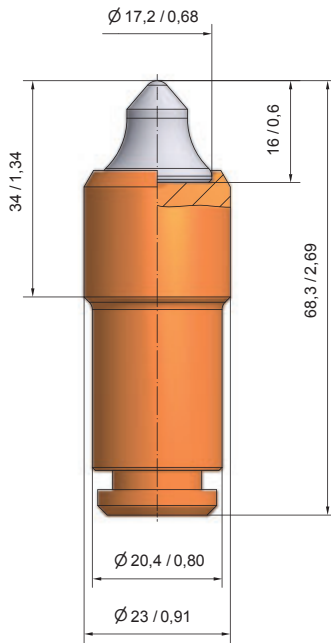
BFZ35M
BFZ 38/M




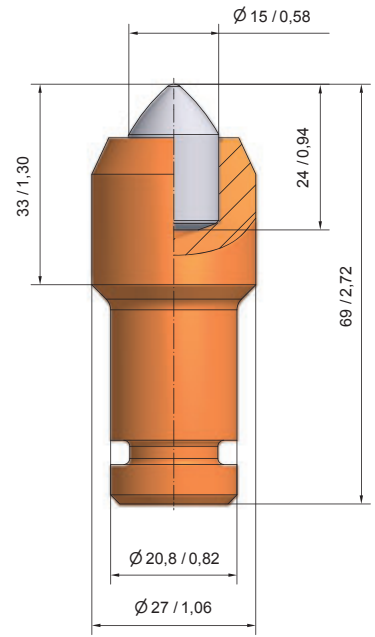
Perforación horizontal dirigida (PHD) Brocas de vástago redondo




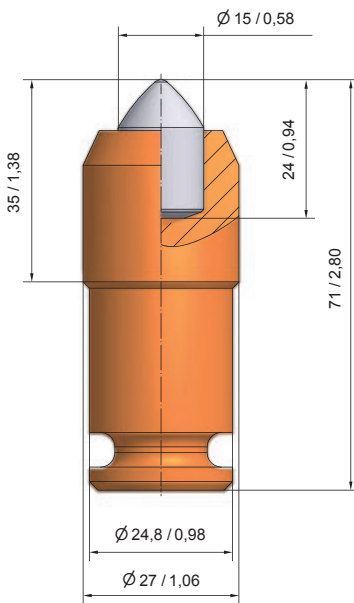
BSR187 
BG20X-15.2334




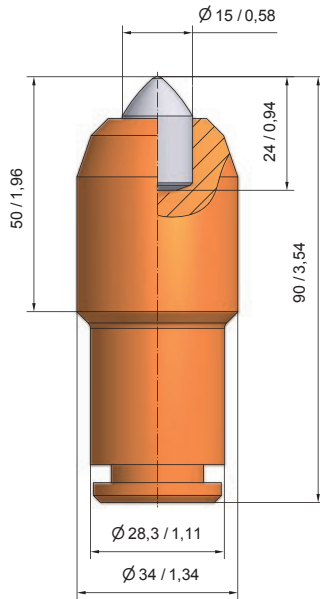
BSR186 
BG20X-62.2334




BSR93 
BG21X-15.2733

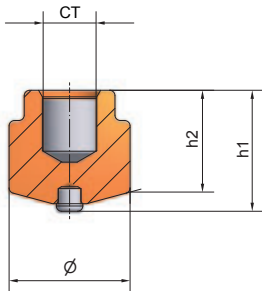


BSR115 
BG25X-15.2735



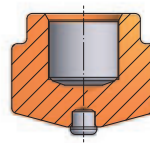
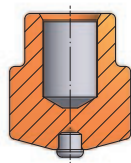
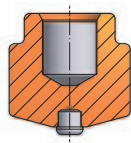
BSR110 
BG28F-15.3450

Protección contra el desgaste / TungStuds



h₁: Altura antes de soldar
 h₂: Altura después de soldar

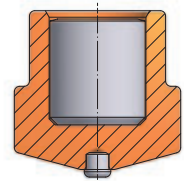
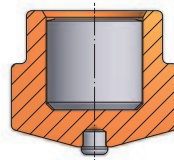
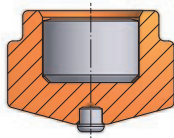
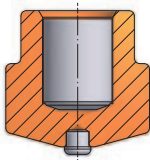
Informaciones adicionales:
www.betek.de/es/productos/tungstuds



BTS01
 Ø: 16 mm
 h₁: 16 mm
 h₂: 11-12 mm
 CT: Ø7x8,4 mm

BTS02
 Ø: 16 mm
 h₁: 19 mm
 h₂: 14-15 mm
 CT: Ø7x11,4 mm

BTS03
 Ø: 19 mm
 h₁: 16 mm
 h₂: 10,5-11,5 mm
 CT: Ø9x8,4 mm



BTS04
 Ø: 19 mm
 h₁: 19 mm
 h₂: 13,5-14,5 mm
 CT: Ø9x12 mm

BTS05
 Ø: 22 mm
 h₁: 16 mm
 h₂: 10-11 mm
 CT: Ø12,6x8,4 mm

BTS06
 Ø: 22 mm
 h₁: 19 mm
 h₂: 13-14 mm
 CT: Ø12,6x12 mm

BTS07
 Ø: 22 mm
 h₁: 22 mm
 h₂: 16-17 mm
 CT: Ø12,6x14 mm



E

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