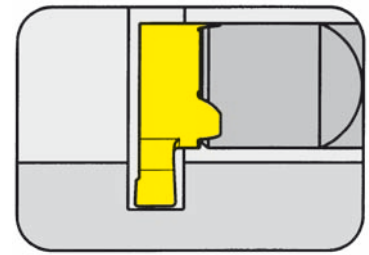


TOOLHOLDER Type

BU11P

with through coolant supply

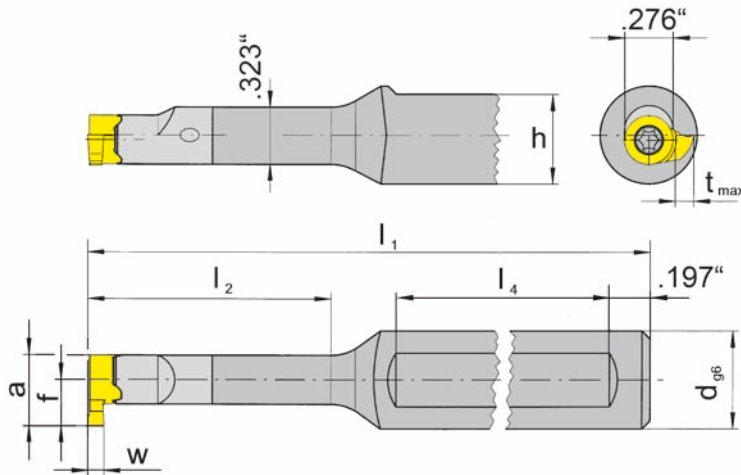


Bore Ø from	.413"
Depth of groove up to	.138"
Width of groove up to	.118"

Material of shank: Carbide - Giving a good vibration resistance

for use with Insert

Type 11P
S11P



R = right hand version shown

L = left hand version

Part number	d	l ₁	l ₂	h	l ₄
R/LBU11P.0500.00		2.953	.591		1.575
R/LBU11P.0500.01	.500	3.740	1.024	.461	1.772
R/LBU11P.0500.02		4.331	1.457		1.772

State R or L version

w, a, t_{max} and f see inserts

Dimensions in inch

Further sizes upon request

Ordering note:

Toolholders with damaged seating can be repaired by HORN.

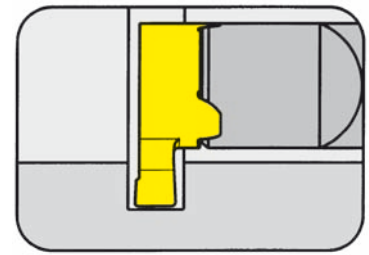
Spare parts

Toolholder	Screw	TORX PLUS® Wrench
R/LBU11P.0500.0...	3.10T9P	T9PL

TOOLHOLDER Type

B11P

with through coolant supply

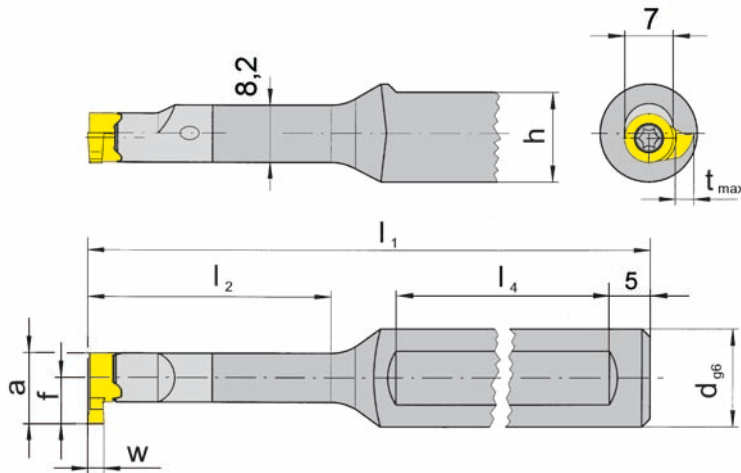


Bore Ø from	.413" (10.5 mm)
Depth of groove up to	.138" (3.5 mm)
Width of groove up to	.118" (3.0 mm)

Material of shank: Carbide - Giving a good vibration resistance

for use with Insert

Type 11P
S11P



R = right hand version shown

L = left hand version

Part number	d	l ₁	l ₂	h	l ₄
R/LB11P.0012.00	12	75	15	11	40
R/LB11P.0012.01		95	26		50
R/LB11P.0012.02		110	37		50
R/LB11P.0012.03		120	50		50

State R or L version

w, a, t_{max} and f see inserts

Dimensions in mm

Further sizes upon request

Ordering note:

Toolholders with damaged seating can be repaired by HORN.

Spare parts

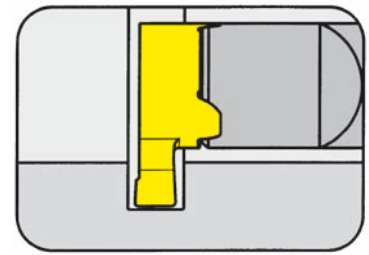
Toolholder	Screw	TORX PLUS® Wrench
R/LB11P.0012.0...	3.10T9P	T9PL



TOOLHOLDER Type

B11P

with through coolant supply

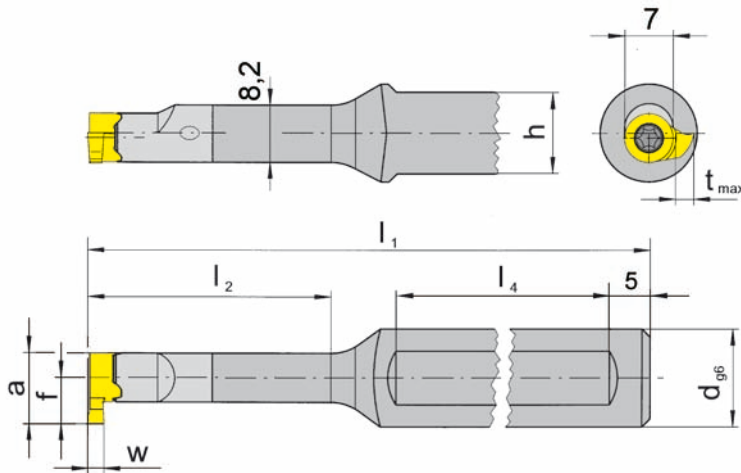


Bore Ø from	.413" (10.5 mm)
Depth of groove up to	.138" (3.5 mm)
Width of groove up to	.118" (3.0 mm)

Material of shank: Carbide - Giving a good vibration resistance

for use with Insert

Type 11P
S11P



R = right hand version shown

L = left hand version

with 2 clamping flats

Part number	d	l ₁	l ₂	h	l ₄
R/LB11P.0012.2.00	12	75	15	11	40
R/LB11P.0012.2.01		95	26		50
R/LB11P.0012.2.02		110	37		50
R/LB11P.0012.2.03		120	50		50

State R or L version

w, a, t_{max} and f see inserts

Dimensions in mm

Further sizes upon request

Ordering note:

Toolholders with damaged seating can be repaired by HORN.

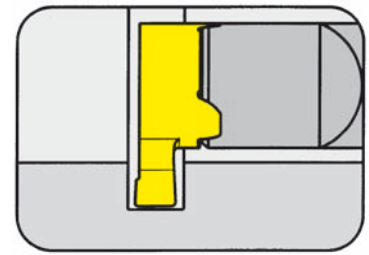
Spare parts

Toolholder	Screw	TORX PLUS® Wrench
R/LB11P.0012.2.0...	3.10T9P	T9PL

TOOLHOLDER Type

B11P

with through coolant supply

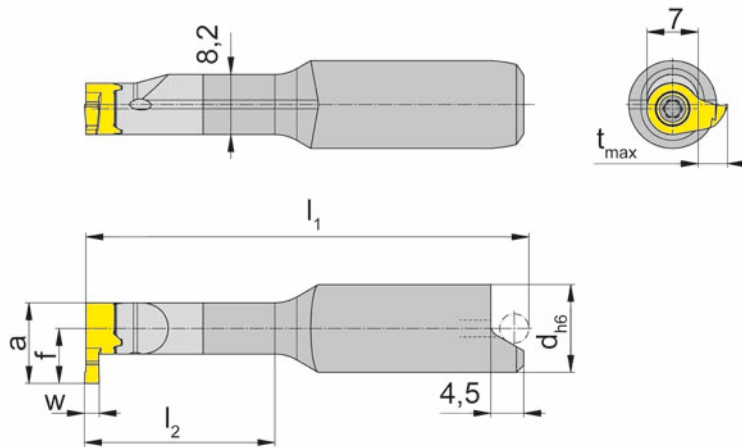


Bore Ø from	.413" (10.5 mm)
Depth of groove up to	.138" (3.5 mm)
Width of groove up to	.118" (3.0 mm)

Material of shank: Carbide - Giving a good vibration resistance

for use with Insert

Type 11P
S11P



R = right hand version shown

L = left hand version

for shrinkage location
S = orientation

Part number	d	l ₁	l ₂
R/LB11P.0012.00S	12	49.7	15
R/LB11P.0012.01S		60.7	26
R/LB11P.0012.02S		71.7	37

State R or L version

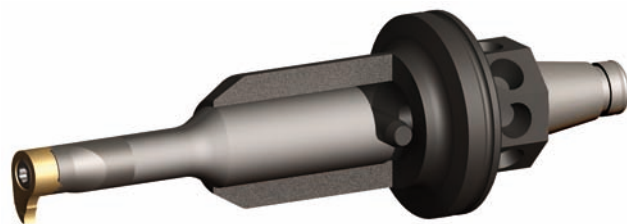
w, a, t_{max} and f see inserts

Dimensions in mm

Further sizes upon request

Ordering note:

Toolholders with damaged seating can be repaired by HORN.



Example of assembly System „W&F“

Spare parts

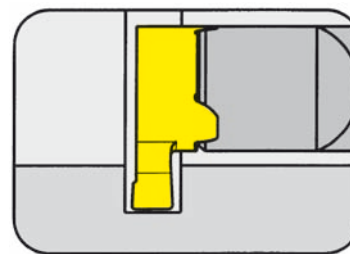
Toolholder	Screw	TORX PLUS® Wrench
R/LB11P.0012.0...	3.10T9P	T9PL

GROOVING (internal) $\geq \text{Ø} .413''$



INSERT Type

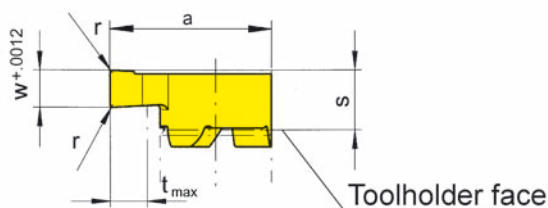
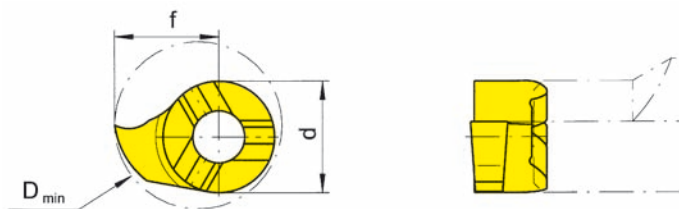
11P



Bore Ø from	.413"
Depth of groove up to	.098"
Width of groove	.039 - .118"

for use with Toolholder

Type B11P
BU11P



R = right hand version shown

L = left hand version

Part number	w	r	s	f	a	d	t _{max}	D _{min}	Carbide grades			
									MG12	TN35	TI25	TH35
R/L11P.0100.1.00	.039	-										▲▲
R/L11P.0150.1.00	.059	-										▲▲
R/L11P.0200.1.02	.079	.008	.165	.256	.394	.276	.098	.413				▲▲
R/L11P.0250.1.02	.098	.008										▲▲
R/L11P.0300.1.02	.118	.008										▲▲

- ▲ on stock Δ 4 weeks
- main recommendation
- alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

P			●
M			●
K			●
S			●
N			●
H			

Carbide grades

Dimensions in inch

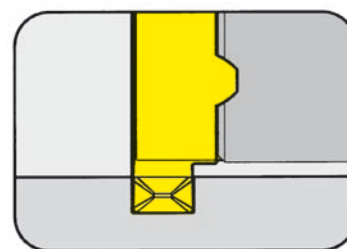
State R or L version

GROOVING (internal) $\geq \text{Ø} .413''$



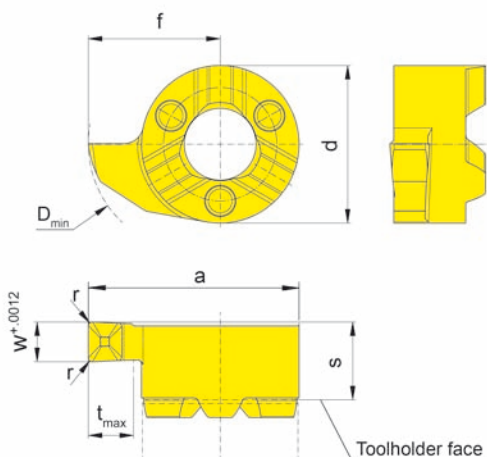
INSERT Type

S11P



for use with Toolholder

Type B11P
BU11P



R = right hand version shown

L = left hand version

Geometry .D

Part number	w	r	s	f	a	d	t _{max}	D _{min}	Carbide grades			
									MG12	TN35	TI25	TH35
R/LS11P.0150.1.D1	.059	.004										▲▲
R/LS11P.0200.1.D2	.079	.008	.165	.256	.394	.276	.098	.413				▲▲
R/LS11P.0250.1.D2	.098	.008										▲▲
									P			•
									M			•
									K			•
									S			•
									N			•
									H			•

- ▲ on stock Δ 4 weeks
- main recommendation
- o alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

Dimensions in inch

State R or L version

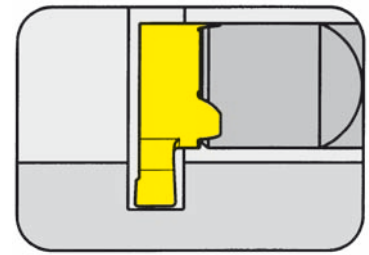


GROOVING (internal) $\geq \text{Ø} .453''$



INSERT Type

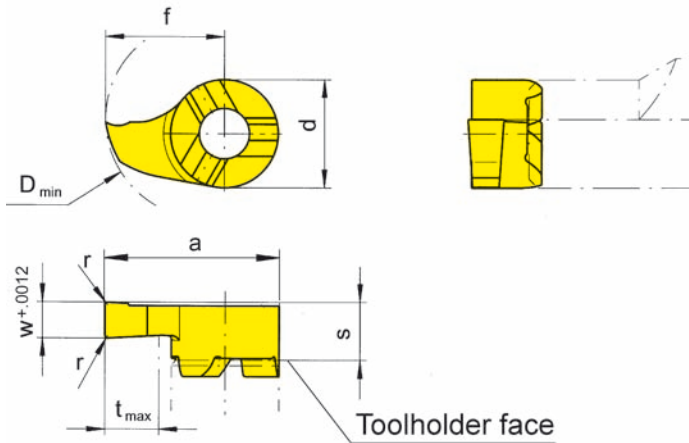
11P



Bore Ø from	.453"
Depth of groove up to	.138"
Width of groove	.039 - .079"

for use with Toolholder

Type B11P
BU11P



R = right hand version shown

L = left hand version

Part number	w	r	s	f	a	d	t _{max}	D _{min}	Carbide grades				
									MG12	TN35	TI25	TH35	
R/L11P.0100.2.00	.039	-										▲▲	●
R/L11P.0150.2.00	.059	-	.165	.295	.433	.276	.138	.453				▲▲	●
R/L11P.0200.2.02	.079	.008										▲▲	●
										P			●
										M			●
										K			●
										S			●
										N			●
										H			

- ▲ on stock Δ 4 weeks
- main recommendation
- alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

Dimensions in inch

State R or L version

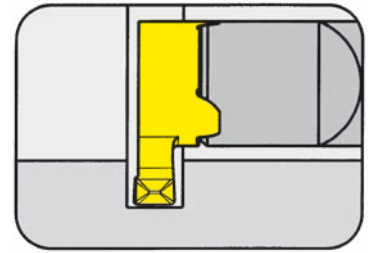
Carbide grades

GROOVING (internal) $\geq \text{Ø} .453''$



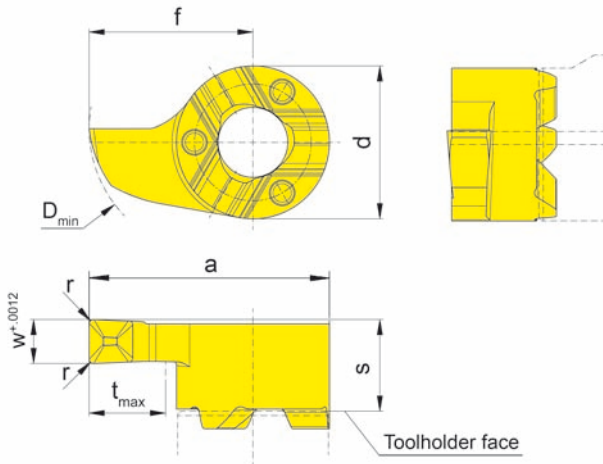
INSERT Type

S11P



for use with Toolholder

Type B11P
BU11P



R = right hand version shown

L = left hand version

Geometry .D

Part number	w	r	s	f	a	d	t _{max}	D _{min}	Carbide grades			
									MG12	TN35	TI25	TH35
R/LS11P.0150.2.D1	.059	.004										▲▲
R/LS11P.0200.2.D2	.079	.008	.165	.295	.433	.276	.138	.453				▲▲
R/LS11P.0250.2.D2	.098	.008										▲▲
									P			•
									M			•
									K			•
									S			•
									N			•
									H			

- ▲ on stock Δ 4 weeks
- main recommendation
- o alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

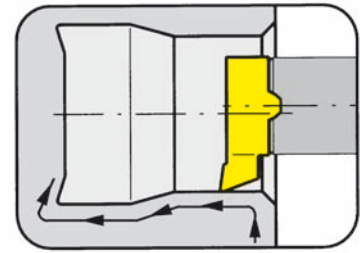
Dimensions in inch

State R or L version



INSERT Type

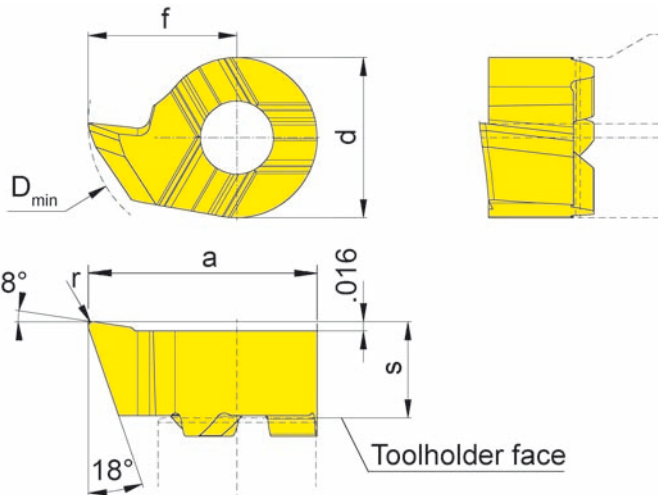
11P



Bore Ø from $.413''$
 Depth of undercut up to $.098''$

for use with Toolholder

Type B11P
 BU11P



R = right hand version shown

L = left hand version

Part number	r	s	f	a	d	D _{min}	MG12	TN35	TI25	TH35
R/L11P.1865.1.02	.008	.165	.256	.394	.276	.413				ΔΔ
▲ on stock Δ 4 weeks							P			•
● main recommendation							M			•
○ alternative recommendation							K			•
■ uncoated grades							S			•
■ coated grades							N			•
■ brazed/Cermet							H			•

Carbide grades

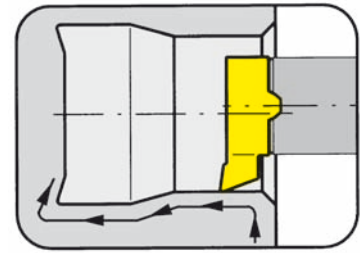
Dimensions in inch

State R or L version

The modified geometry allows boring of bores $\geq \text{Ø} .406''$ and profiling of reliefs as per DIN 509 form E and .

INSERT Type

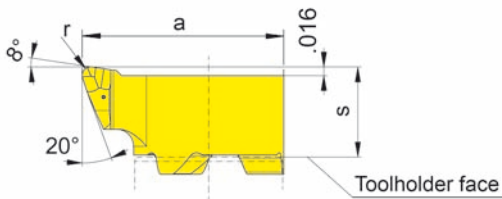
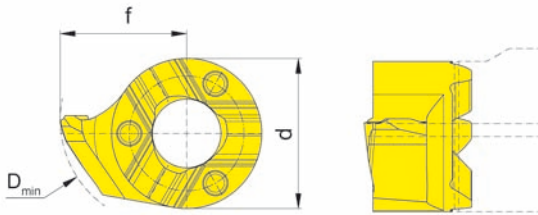
S11P



Bore Ø from .386''
 Depth of undercut up to .075''

for use with Toolholder

Type B11P
 BU11P



R = right hand version shown

L = left hand version

Geometry .R

F

Part number	r	s	f	a	d	D _{min}	Carbide grades			
							MG12	TN35	Ti25	TH35
LS11P.1859.R2	.008								▲	
RS11P.1859.R2	.008					.386			▲	
LS11P.1859.R4	.016	.165	.232	.370	.276				▲	
RS11P.1859.R4	.016								▲	
							P		•	
							M		•	
							K		•	
							S		•	
							N		•	
							H		•	

- ▲ on stock Δ 4 weeks
- main recommendation
- o alternative recommendation
- uncoated grades
- coated grades
- brazed/Cermet

Dimensions in inch

State R or L version

The modified geometry allows boring of bores $\geq \text{Ø } 9,8 \text{ mm}$ and profiling of reliefs as per DIN 509 form E and F.