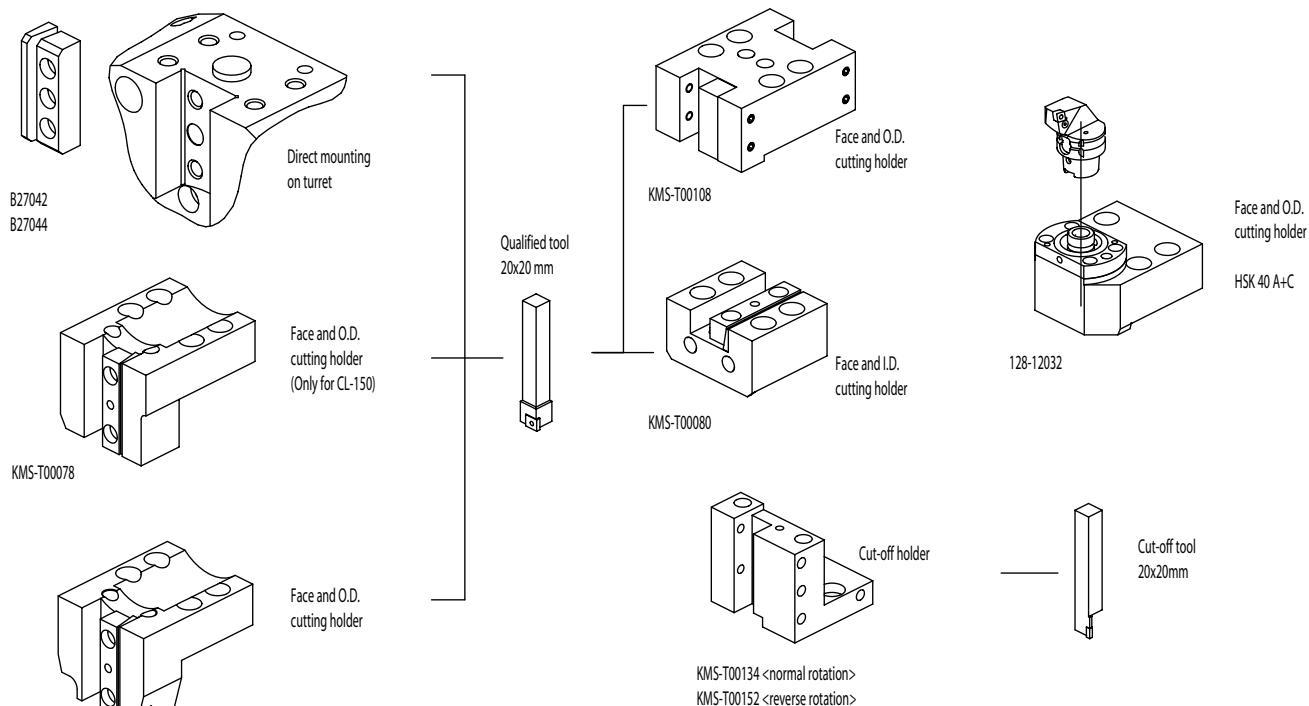
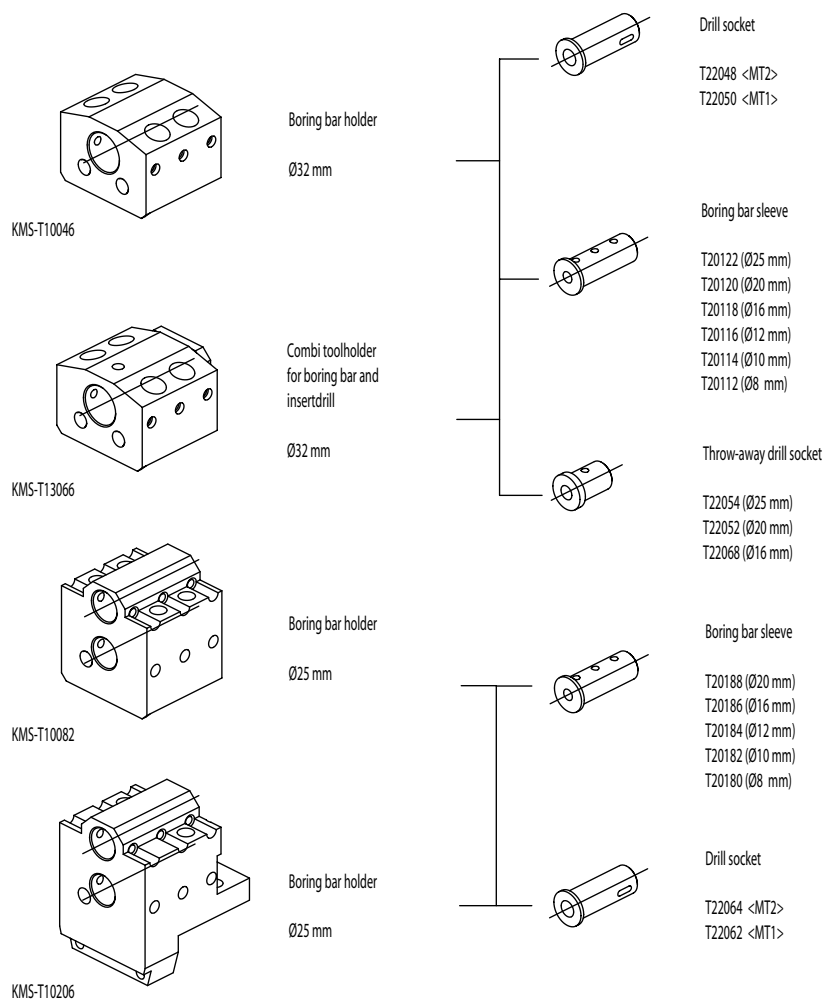




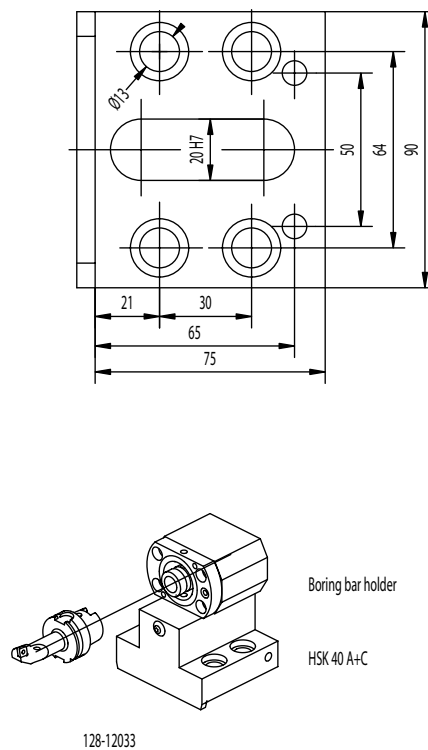
SPECIAL TOOLHOLDERS

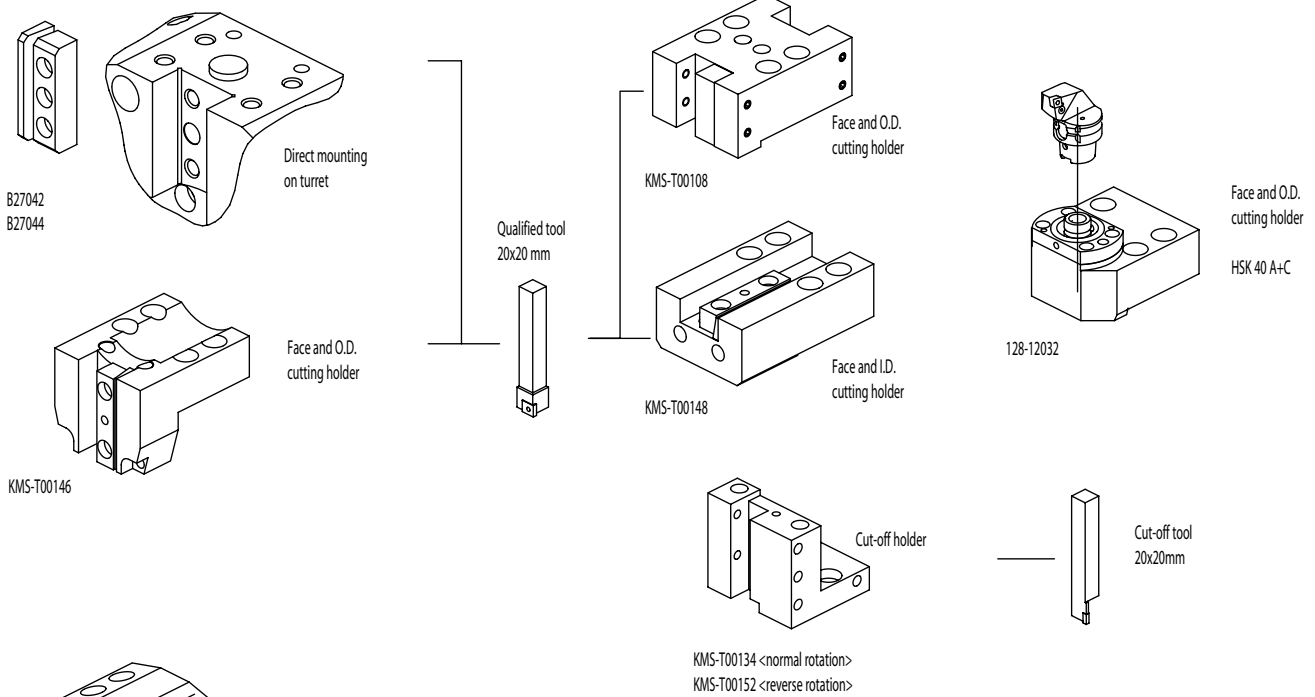


ACCESSORIES

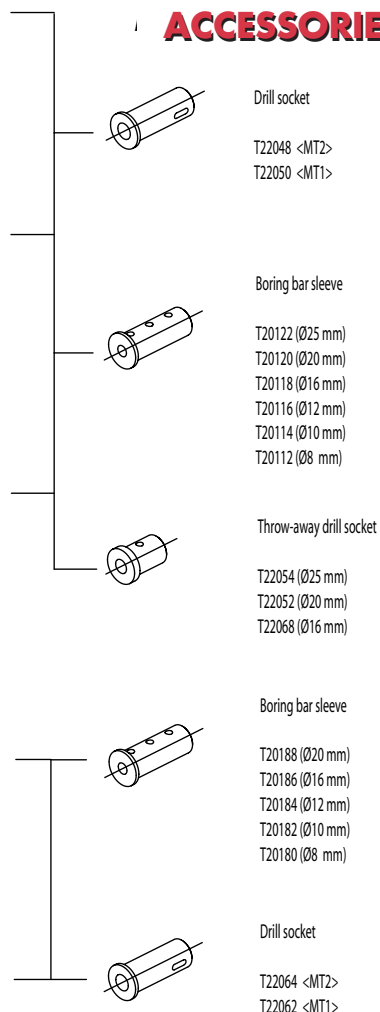


CONNECTION

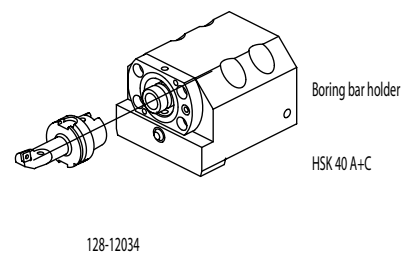
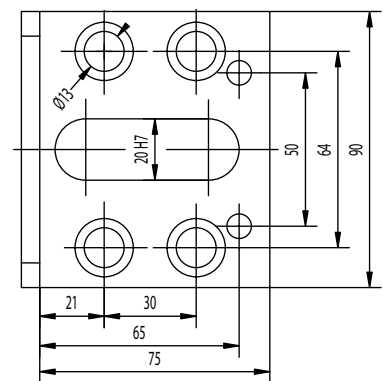


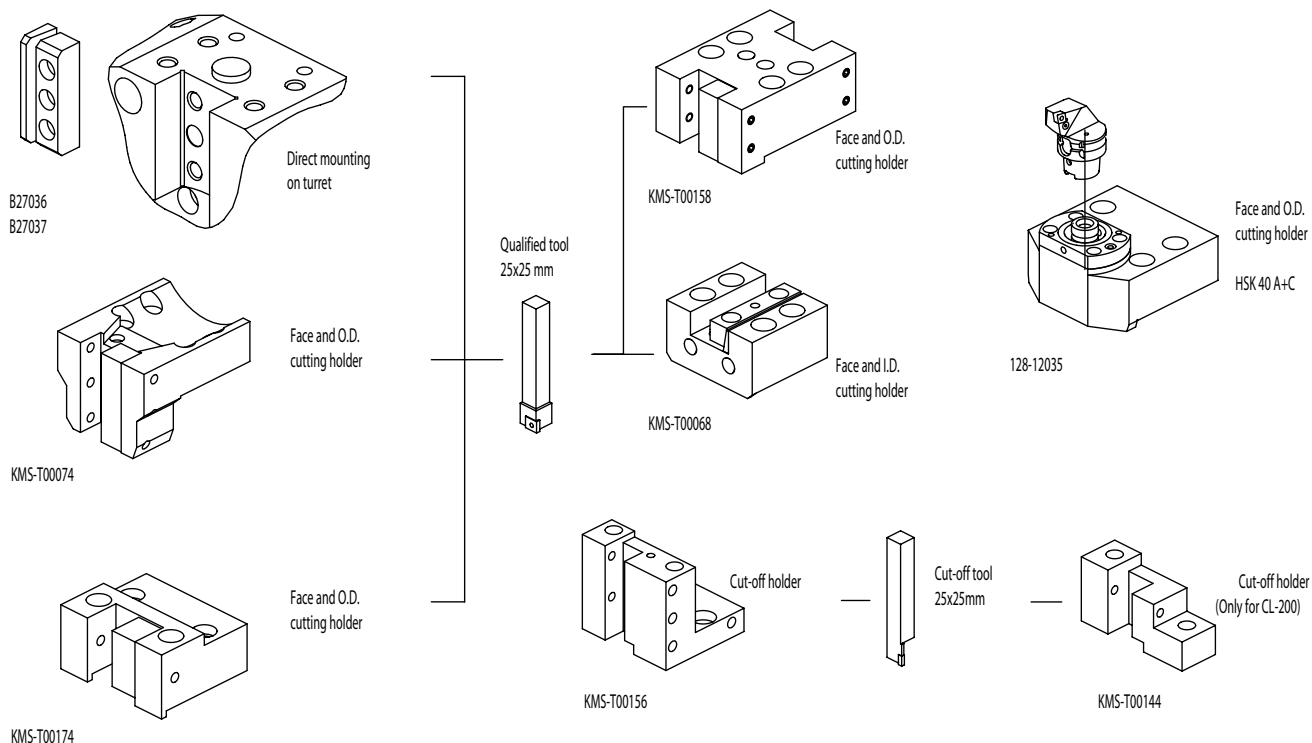


ACCESSORIES

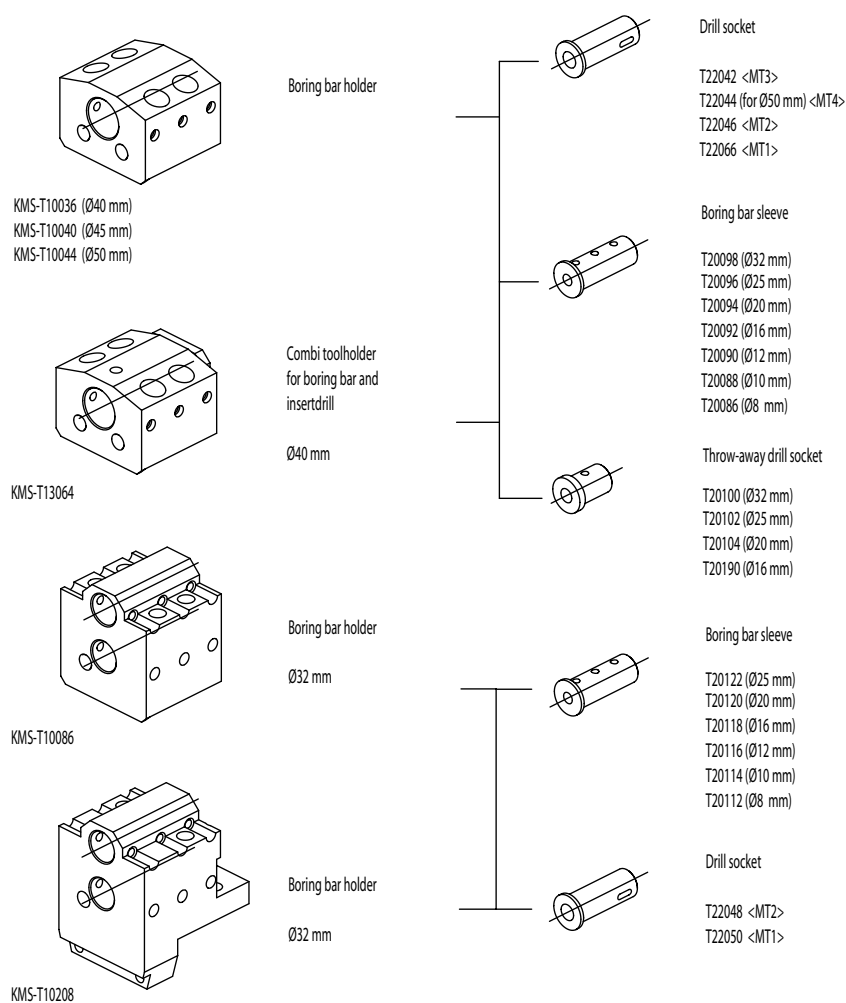


CONNECTION

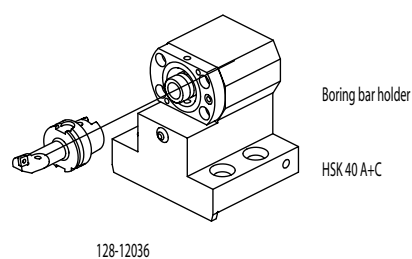
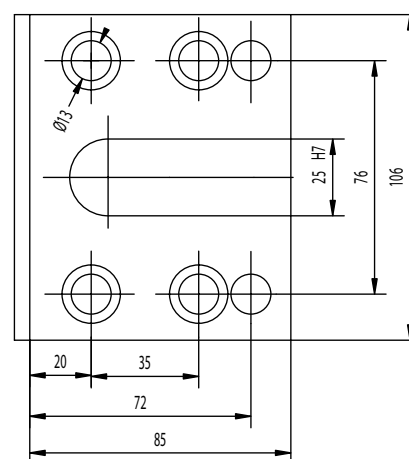


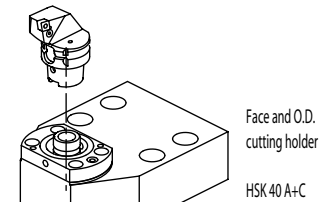
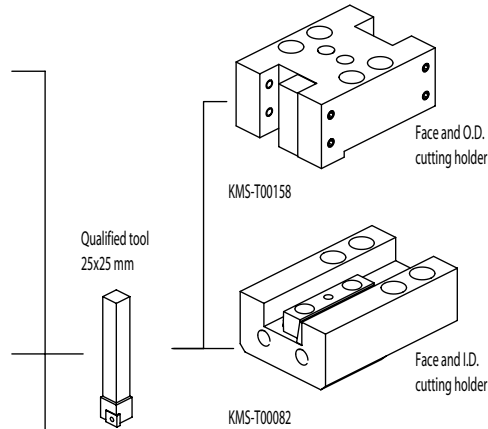
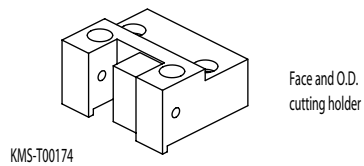
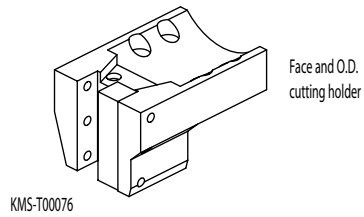
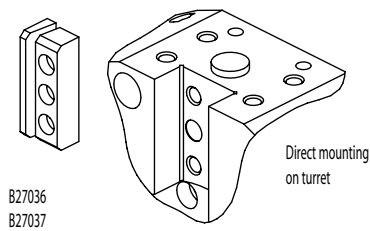


ACCESSORIES

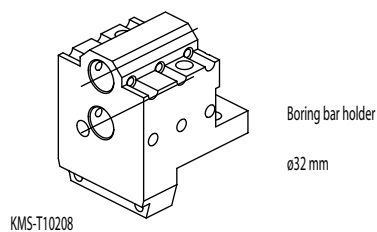
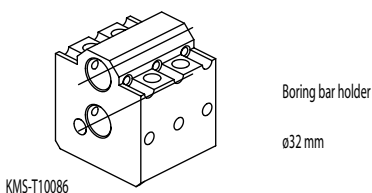
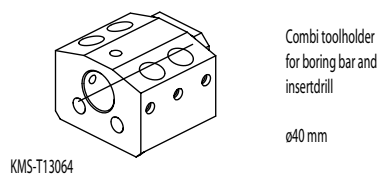
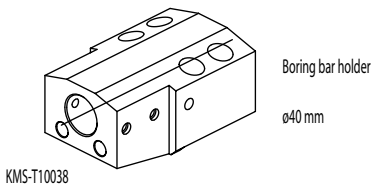
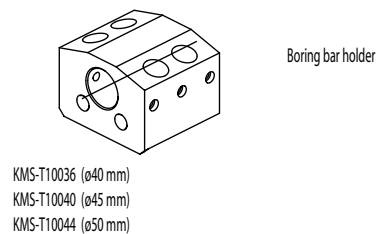
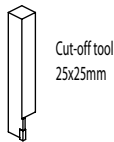
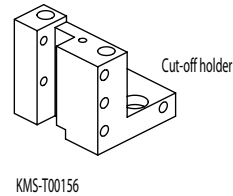


CONNECTION

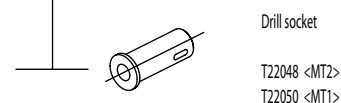
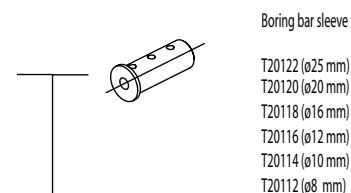
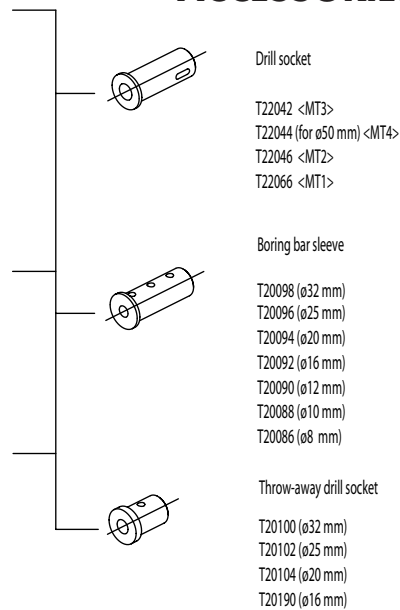




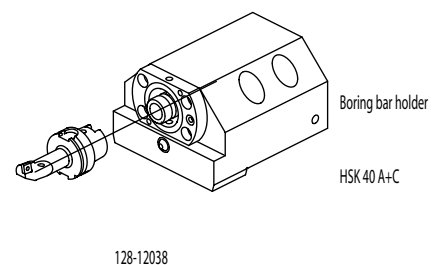
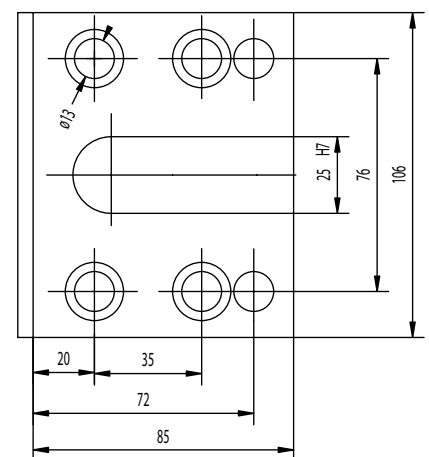
128-12037

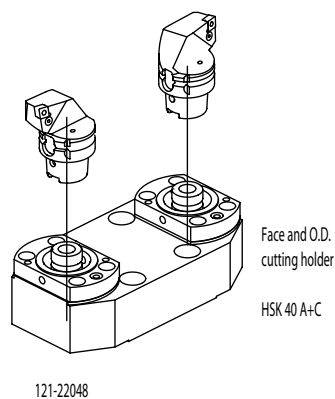
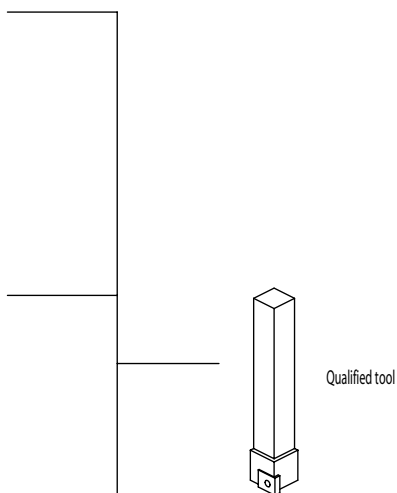
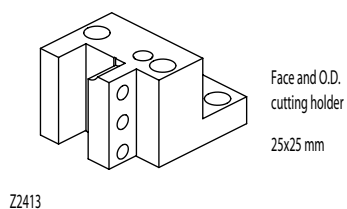
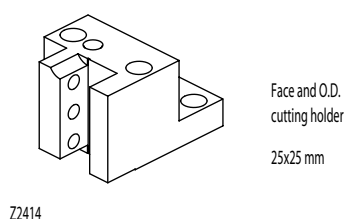
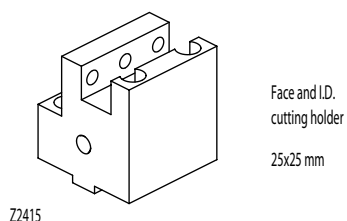
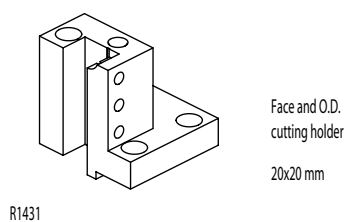


ACCESSORIES

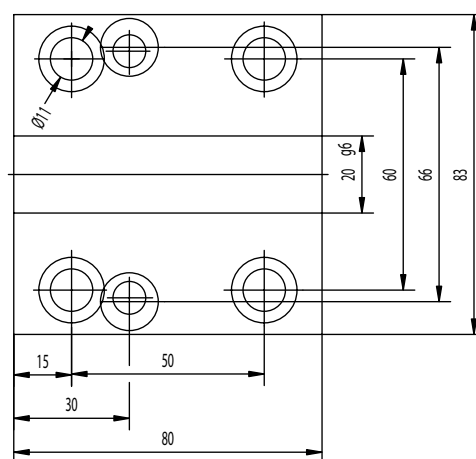


CONNECTION

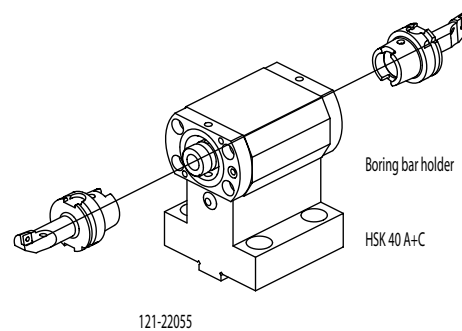
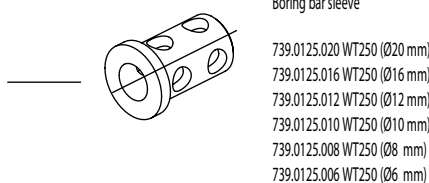
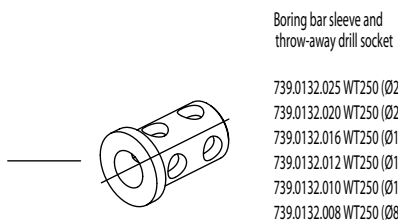
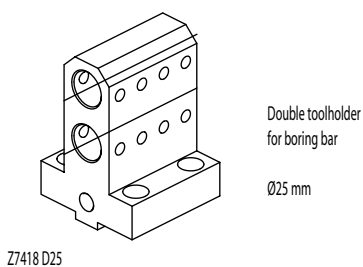
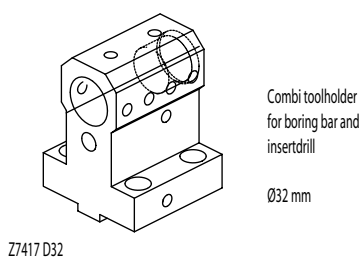




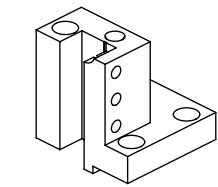
CONNECTION



ACCESSORIES

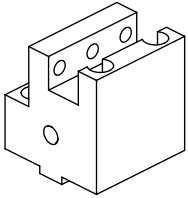


NAKAMURA TOME WT150



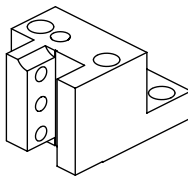
R1431

Face and O.D.
cutting holder
20x20 mm



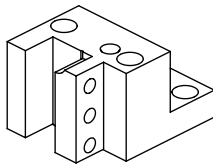
Z2415

Face and I.D.
cutting holder
25x25 mm



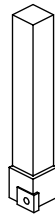
Z2414

Face and O.D.
cutting holder
25x25 mm

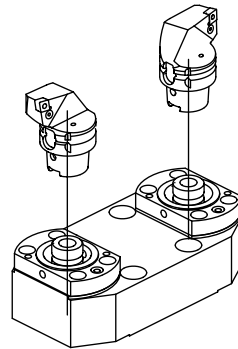


Z2413

Face and O.D.
cutting holder
25x25 mm



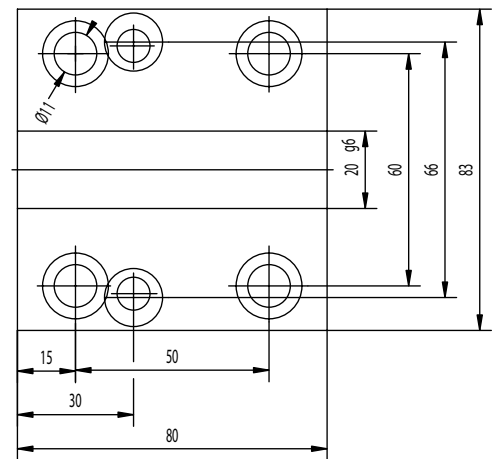
Qualified tool



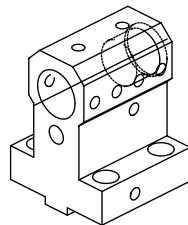
121-22048

Face and O.D.
cutting holder
HSK 40 A+C

CONNECTION

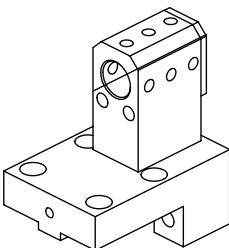


ACCESSORIES



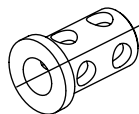
G1417 D25

Combi toolholder
for boring bar and
insertdrill
Ø25 mm



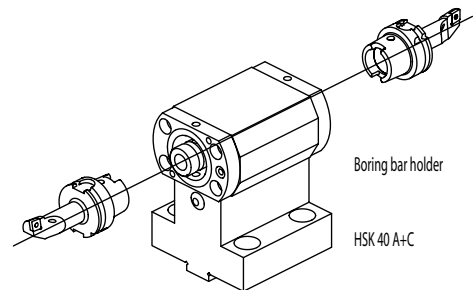
G1419 D25

Combi toolholder
for boring bar and
insertdrill
Ø25 mm



Boring bar sleeve and
throw-away drill socket

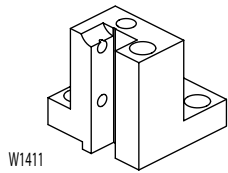
- 739.0125.020 WT250 (Ø20 mm)
- 739.0125.016 WT250 (Ø16 mm)
- 739.0125.012 WT250 (Ø12 mm)
- 739.0125.010 WT250 (Ø10 mm)
- 739.0125.008 WT250 (Ø8 mm)
- 739.0125.006 WT250 (Ø6 mm)



121-22049

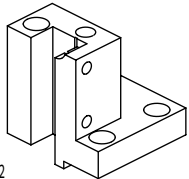
Boring bar holder
HSK 40 A+C

NAKAMURA TOME TW10-TMC20II



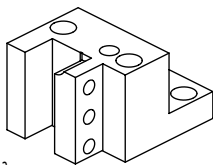
W1411

Face and O.D.
cutting holder



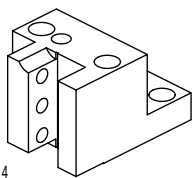
W1412

Face and O.D.
cutting holder



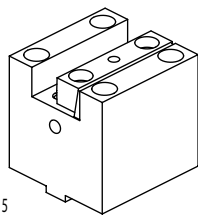
W1413

Face and O.D.
cutting holder



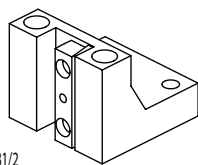
W1414

Face and O.D.
cutting holder



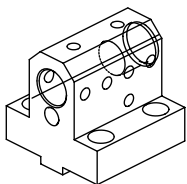
W1415

Face and I.D.
cutting holder



W1431/2

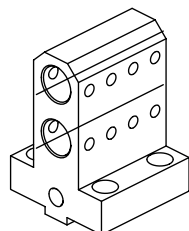
Face and O.D.
cutting holder



W1417 D25

Combi toolholder
for boring bar and
insertdrill

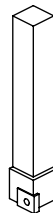
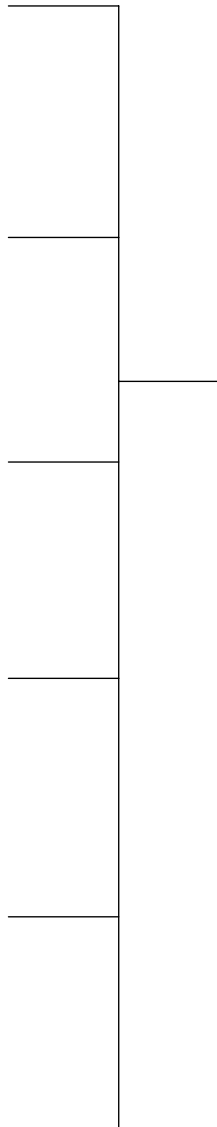
Ø25 mm



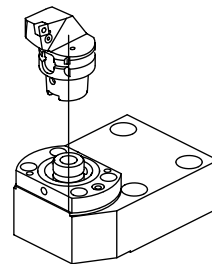
W1418 D25

Double toolholder
for boring bar

Ø25 mm



Qualified tool
20x20 mm

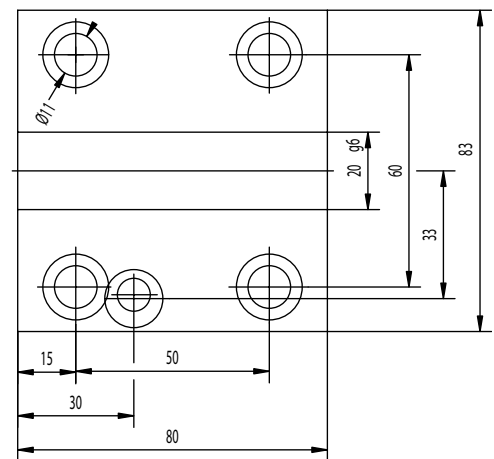


121-22056

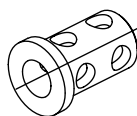
Face and O.D.
cutting holder

HSK 40 A+C

CONNECTION

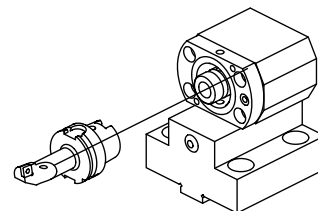


ACCESSORIES



Boring bar sleeve and
throw-away drill socket

739.0125.020 TW10 (Ø20 mm)
739.0125.016 TW10 (Ø16 mm)
739.0125.012 TW10 (Ø12 mm)
739.0125.010 TW10 (Ø10 mm)
739.0125.008 TW10 (Ø8 mm)
739.0125.006 TW10 (Ø6 mm)

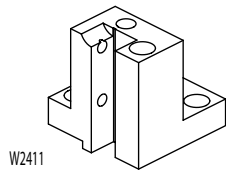


121-22057

Boring bar holder

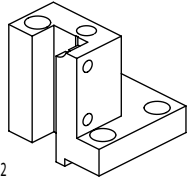
HSK 40 A+C

NAKAMURA TOME TW20-SC300



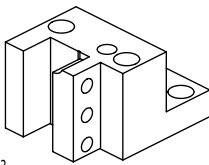
W2411

Face and O.D.
cutting holder
25x25 mm



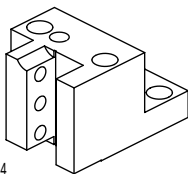
W2412

Face and O.D.
cutting holder
25x25 mm



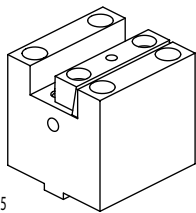
W2413

Face and O.D.
cutting holder
25x25 mm



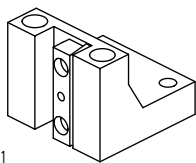
W2414

Face and O.D.
cutting holder
25x25 mm



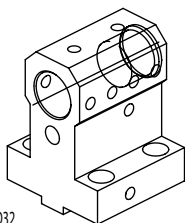
W2415

Face and I.D.
cutting holder
25x25 mm



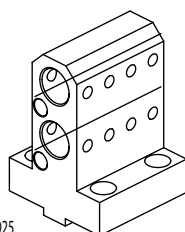
W2431

Face and O.D.
cutting holder
20x20 mm



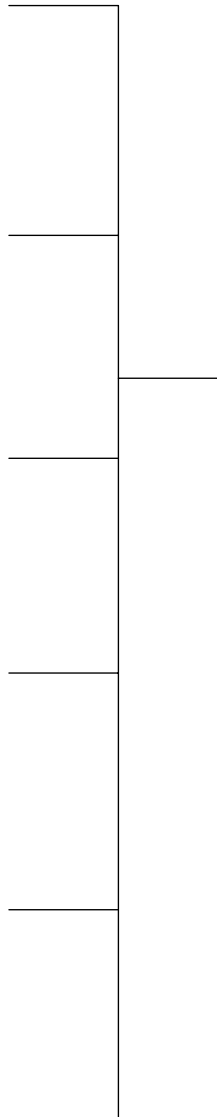
W2417 D32

Combi toolholder
for boring bar and
insertdrill
Ø32 mm

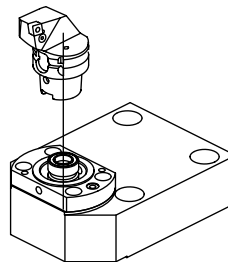


W2438 D25

Double toolholder
for boring bar
Ø25 mm



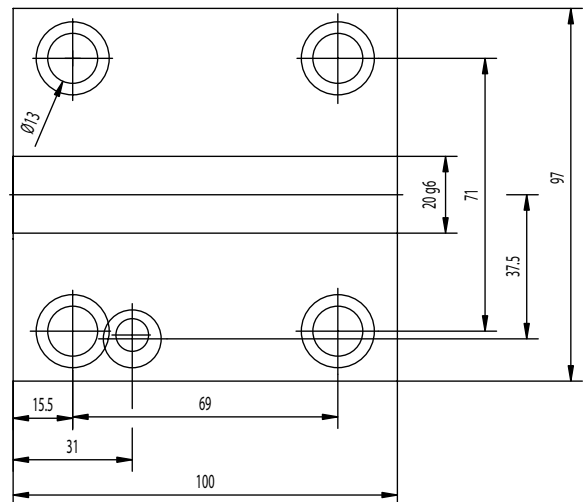
Qualified tool



121-22058

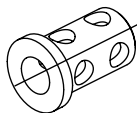
Face and O.D.
cutting holder
HSK 40 A+C

CONNECTION



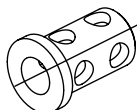
ACCESSORIES

Boring bar sleeve and
throw-away drill socket

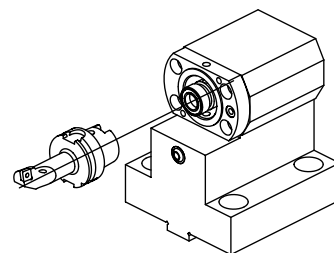


739.0132.025 TW20 (Ø25 mm)
739.0132.020 TW20 (Ø20 mm)
739.0132.016 TW20 (Ø16 mm)
739.0132.012 TW20 (Ø12 mm)
739.0132.010 TW20 (Ø10 mm)
739.0132.008 TW20 (Ø8 mm)

Boring bar sleeve



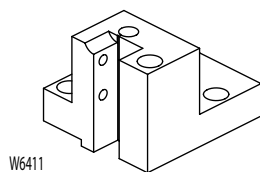
739.0125.020 TW20 (Ø20 mm)
739.0125.016 TW20 (Ø16 mm)
739.0125.012 TW20 (Ø12 mm)
739.0125.010 TW20 (Ø10 mm)
739.0125.008 TW20 (Ø8 mm)
739.0125.006 TW20 (Ø6 mm)



121-22059

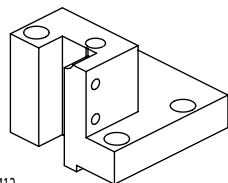
Boring bar holder

HSK 40 A+C



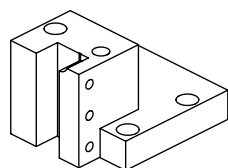
W6411

Face and O.D.
cutting holder



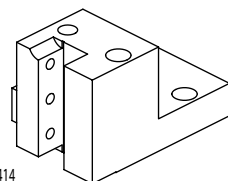
W6412

Face and O.D.
cutting holder



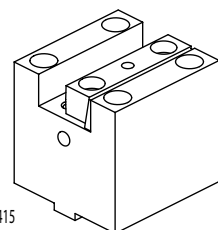
W6413

Face and O.D.
cutting holder



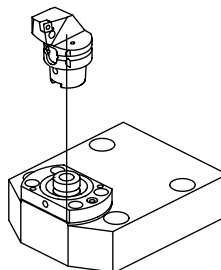
W6414

Face and O.D.
cutting holder



W6415

Face and I.D.
cutting holder



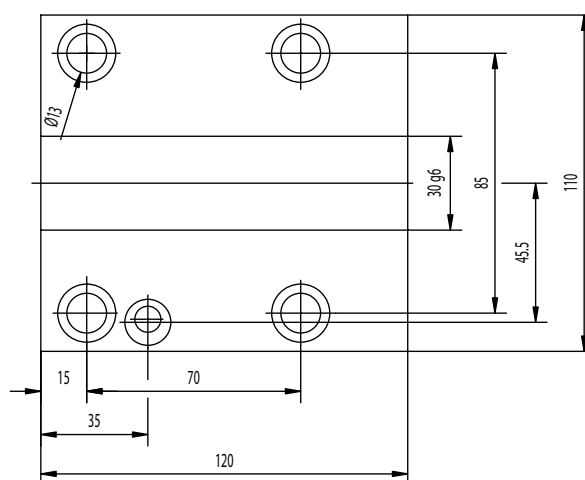
121-23019

Face and O.D.
cutting holder
HSK 40 A+C

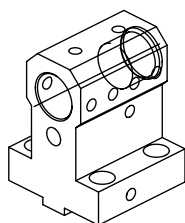


Qualified tool
25x25 mm

CONNECTION

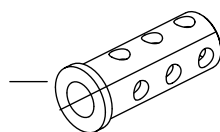


ACCESSORIES



Combi toolholder
for boring bar and
insertdrill

W6417 D32 (Ø32 mm)
W6417 D40 (Ø40 mm)
W6417 D50 (Ø50 mm)

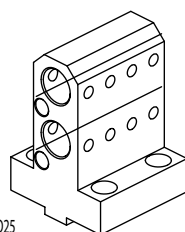


Boring bar sleeve and
throw-away drill socket

115-63267 (Ø32/Ø25 mm)
115-63266 (Ø32/Ø20 mm)
115-63265 (Ø32/Ø16 mm)
115-63264 (Ø32/Ø12 mm)
115-63263 (Ø32/Ø10 mm)

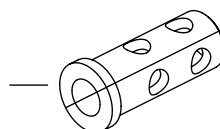
115-64068 (Ø40/Ø32 mm)
115-64067 (Ø40/Ø25 mm)
115-64066 (Ø40/Ø20 mm)
115-64065 (Ø40/Ø16 mm)
115-64064 (Ø40/Ø12 mm)
115-64063 (Ø40/Ø10 mm)

115-65021 (Ø50/Ø40 mm)
115-65068 (Ø50/Ø32 mm)
115-65067 (Ø50/Ø25 mm)
115-65066 (Ø50/Ø20 mm)
115-65065 (Ø50/Ø16 mm)
115-65064 (Ø50/Ø12 mm)
115-65063 (Ø50/Ø10 mm)



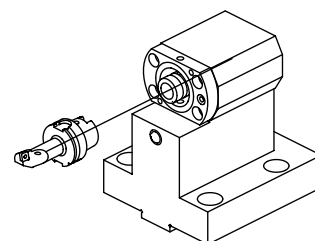
Double toolholder
for boring bar
Ø25 mm

W6418 D25



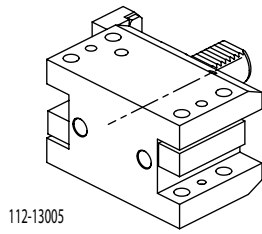
Boring bar sleeve

115-62546 (Ø20 mm)
115-62545 (Ø16 mm)
115-62544 (Ø12 mm)
115-62543 (Ø10 mm)
115-62542 (Ø8 mm)



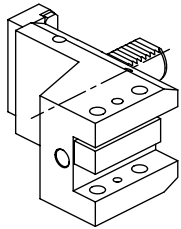
121-23020

Boring bar holder
HSK 40 A+C



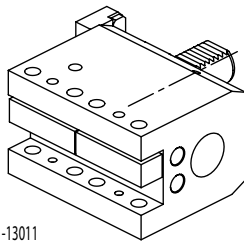
112-13005

Face and I.D.
cutting holder



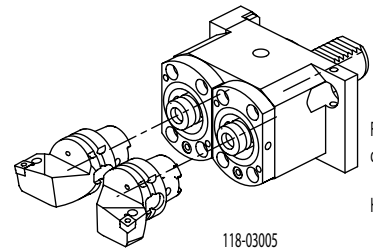
112-33008

Face and I.D.
cutting holder



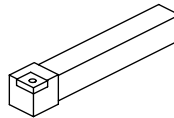
111-13011

Face and O.D.
cutting holder



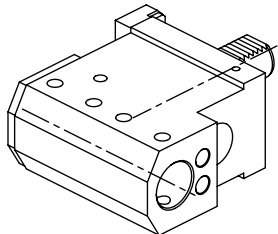
118-03005

Face and O.D.
cutting holder
HSK 40 A+C



Qualified tool
20x20 mm

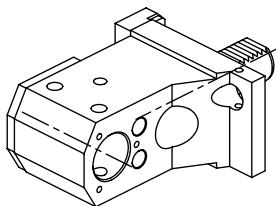
ACCESSORIES



115-23045

Combi toolholder
for boring bar and
insertdrill

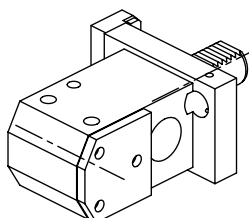
Ø32 mm



115-23046

Combi toolholder
for boring bar and
insertdrill

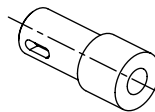
Ø32 mm



115-23087

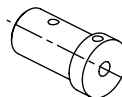
Combi toolholder
for boring bar and
insertdrill

Ø32 mm



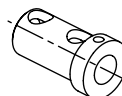
Drill socket

115-63282 <MT1>
115-63284 <MT2>



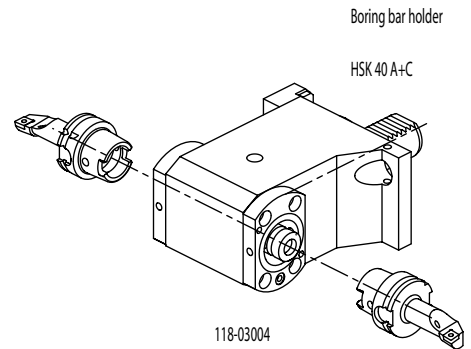
Boring bar sleeve

115-63286 (Ø8 mm)
115-63288 (Ø10 mm)
115-63290 (Ø12 mm)



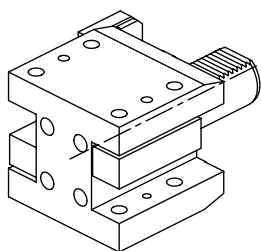
Boring bar sleeve

115-63292 (Ø16 mm)
115-63294 (Ø20 mm)
115-63296 (Ø25 mm)



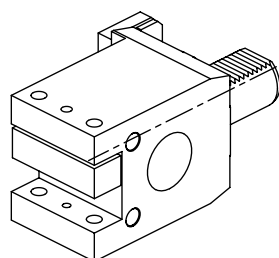
Boring bar holder

HSK 40 A+C



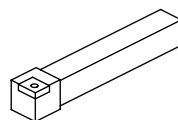
112-14009

Face and O.D.
cutting holder

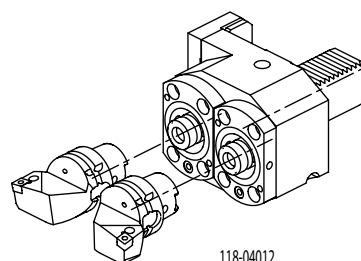


111-14014

Face and O.D.
cutting holder



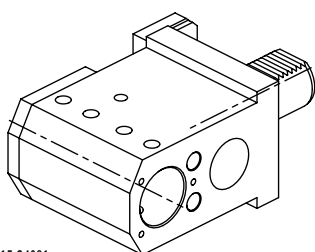
Qualified tool
25x25 mm



118-04012

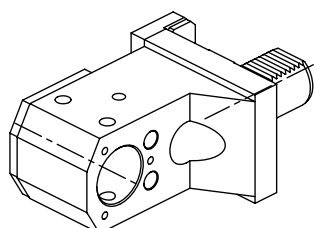
Face and O.D.
cutting holder
HSK 40 A+C

ACCESSORIES



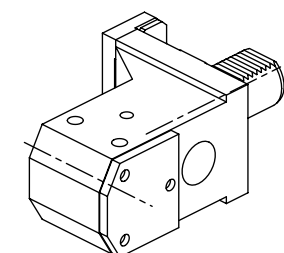
115-24081

Combi toolholder
for boring bar and
insertdrill
ø40 mm



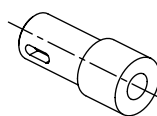
115-24070

Combi toolholder
for boring bar and
insertdrill
ø40 mm



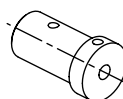
115-54060

Combi toolholder
for boring bar and
insertdrill
ø40 mm



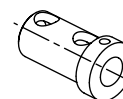
Drill socket

115-64094 <MT1>
115-64095 <MT2>
115-64096 <MT3>



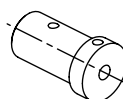
Boring bar sleeve and
throw-away drill socket

115-64097 (ø10 mm)
115-64098 (ø12 mm)
115-64099 (ø16 mm)
165-64001 (ø20 mm)



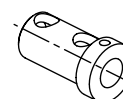
Boring bar sleeve and
throw-away drill socket

165-64002 (ø25 mm)
165-64003 (ø32 mm)



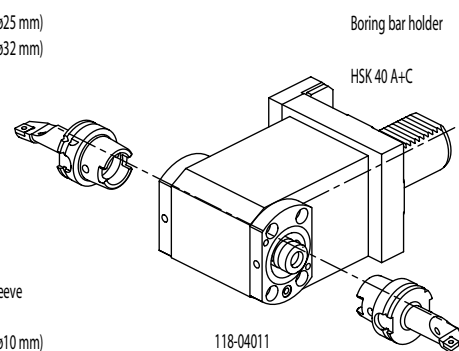
Boring bar sleeve

165-64004 (ø10 mm)
165-64005 (ø12 mm)
165-64006 (ø16 mm)
165-64007 (ø20 mm)



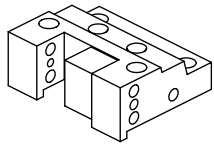
Boring bar sleeve

165-64008 (ø25 mm)
165-64009 (ø32 mm)



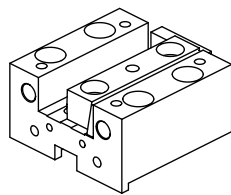
118-04011

Boring bar holder
HSK 40 A+C



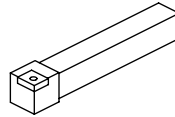
128-42011

Face and O.D.
cutting holder

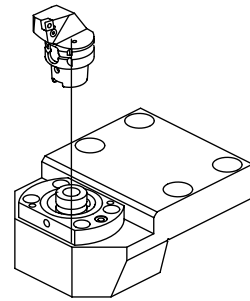


128-32001

Face and I.D.
cutting holder



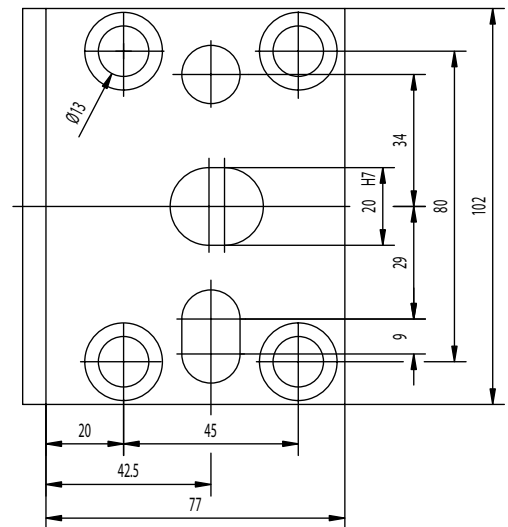
Qualified tool
25x25 mm



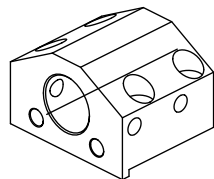
128-12039

Face and O.D.
cutting holder
HSK 40 A+C

CONNECTION

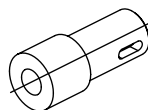


ACCESSORIES



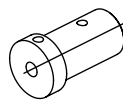
128-22001

Toolholder
for boring bar
Ø40 mm



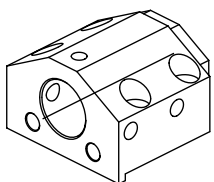
Drill socket

165-64010 <MT1>
165-64011 <MT2>
165-64012 <MT3>



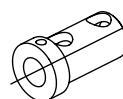
Boring bar sleeve and
throw-away drill socket

165-64013 (Ø10 mm)
165-64014 (Ø12 mm)
165-64015 (Ø16 mm)
165-64016 (Ø20 mm)



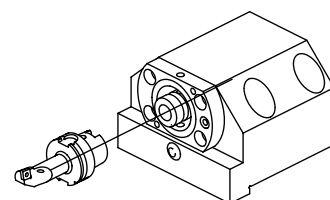
128-22005

Combi toolholder
for boring bar and
insert drill
Ø40 mm



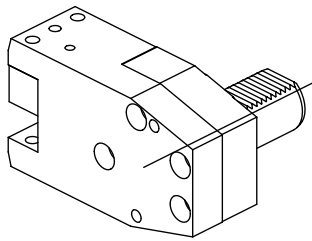
Boring bar sleeve and
throw-away drill socket

165-64017 (Ø25 mm)
165-64018 (Ø32 mm)



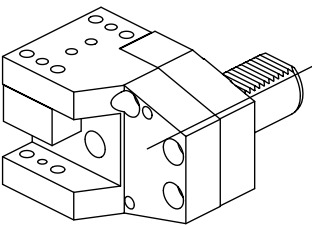
128-12040

Boring bar holder
HSK 40 A+C



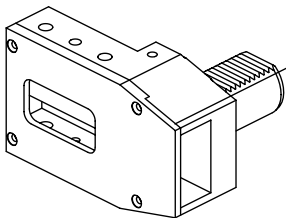
112-24007

Face and I.D.
cutting holder



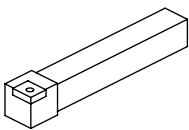
111-64005

Face and O.D.
cutting holder

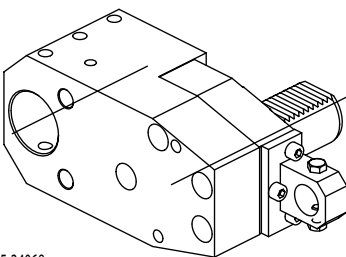


111-64006

Face and O.D.
cutting holder



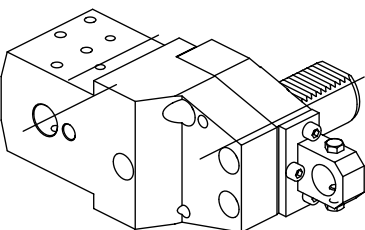
Qualified tool
25x25 mm



115-24068

Toolholder
for boring bar

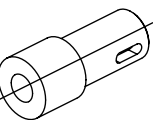
Ø40 mm



115-24067

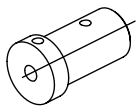
Double toolholder
for boring bar

Ø20 mm



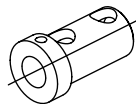
Drill socket

- 165-64021 <MT1>
- 165-64022 <MT2>
- 165-64023 <MT3>



Boring bar sleeve

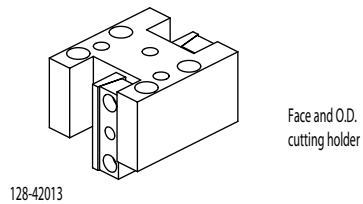
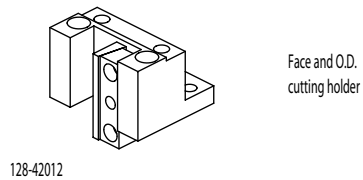
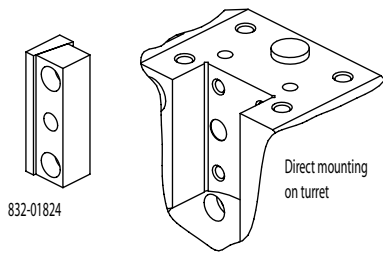
- 165-64024 (Ø10 mm)
- 165-64025 (Ø12 mm)
- 165-64026 (Ø16 mm)
- 165-64027 (Ø20 mm)



Boring bar sleeve

- 165-64028 (Ø25 mm)
- 165-64029 (Ø32 mm)

ACCESSORIES

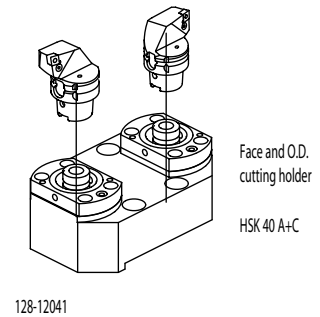
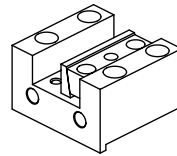


Qualified tool
25x25 mm

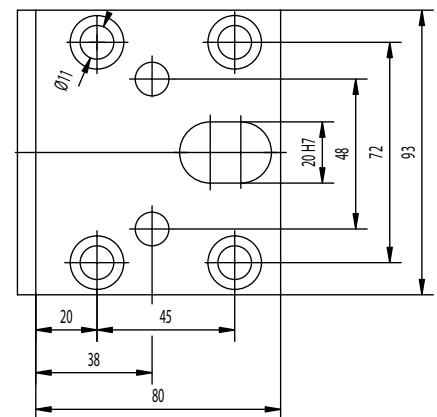


128-32009

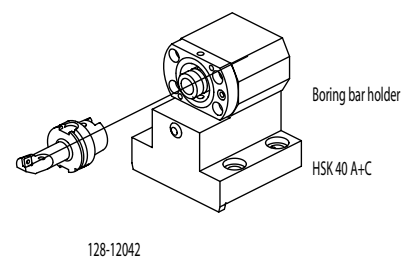
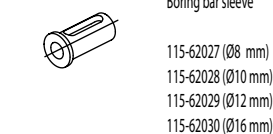
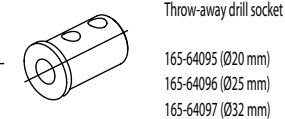
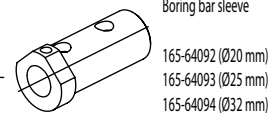
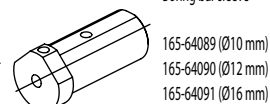
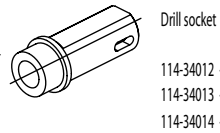
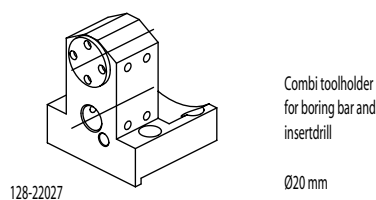
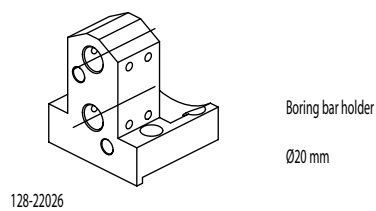
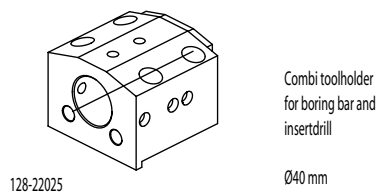
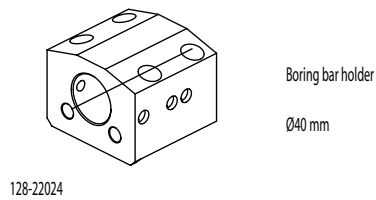
Face and I.D.
cutting holder

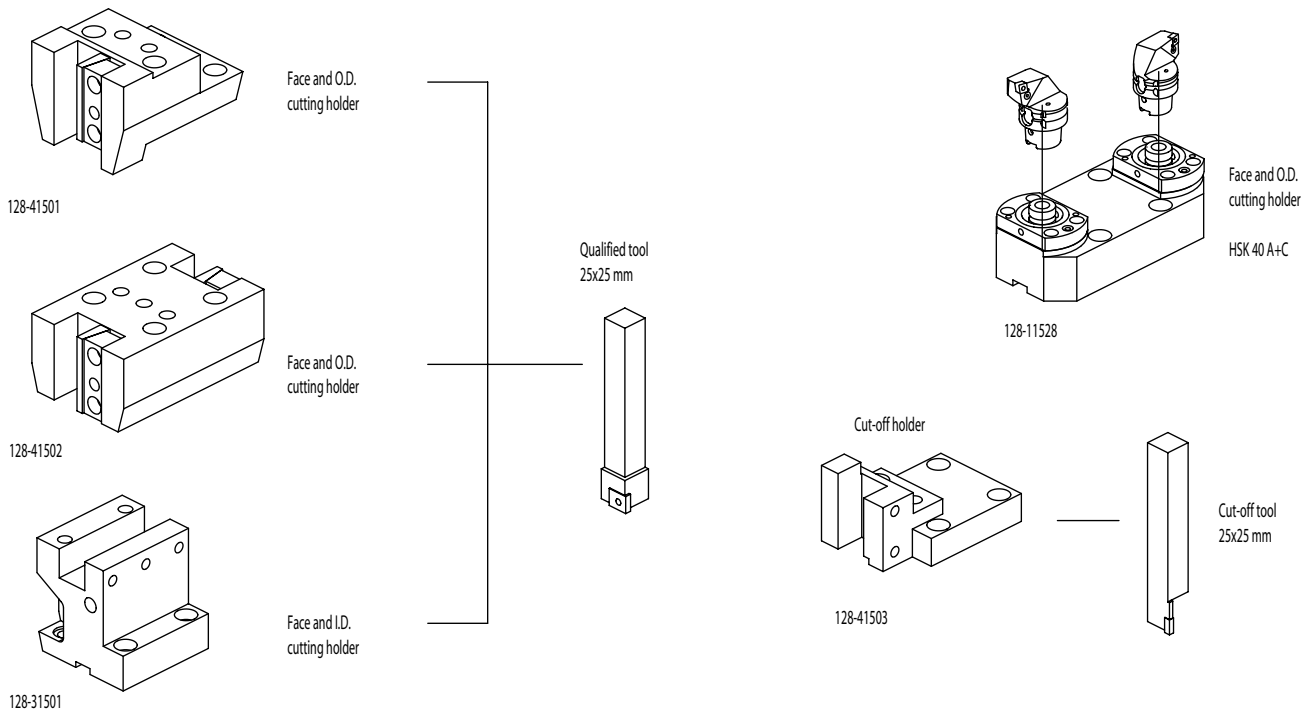


CONNECTION

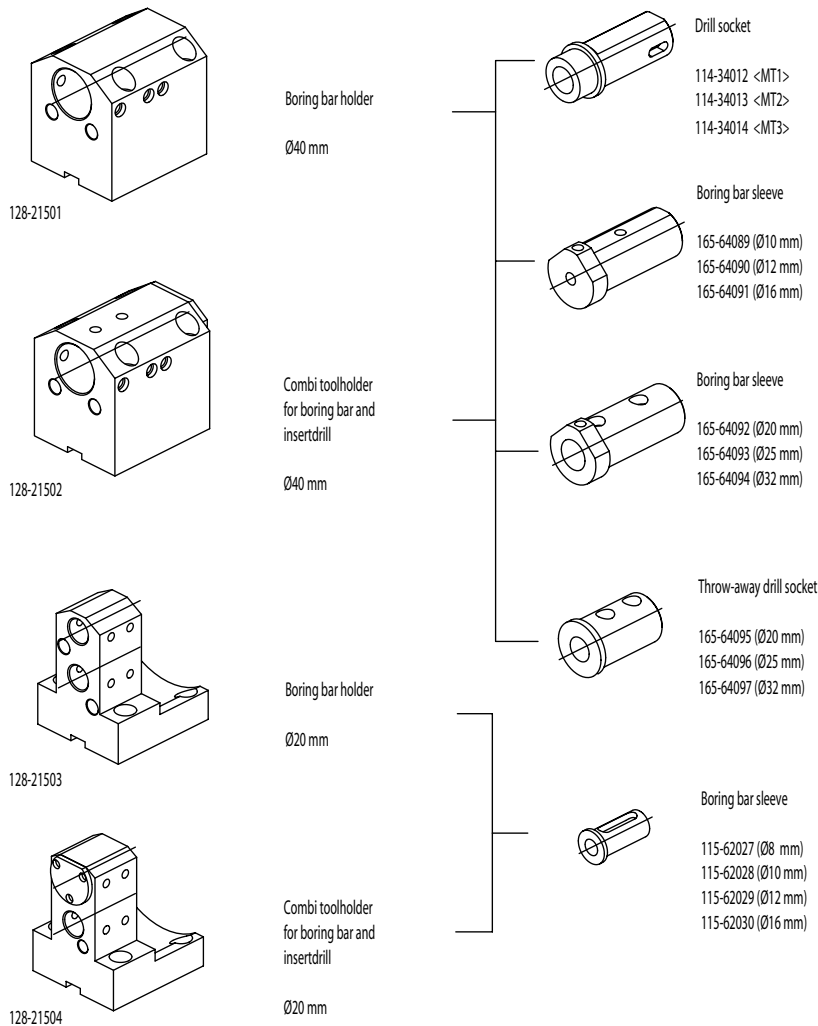


ACCESSORIES

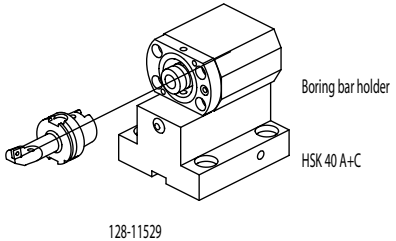
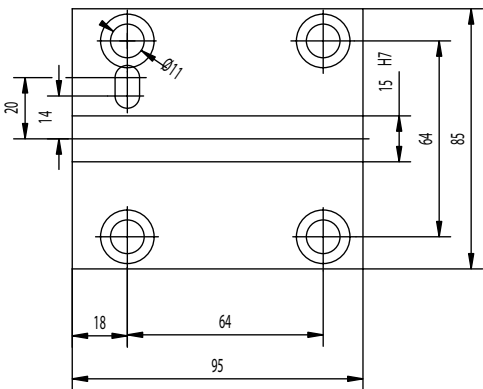


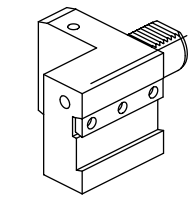


ACCESSORIES

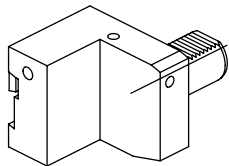


CONNECTION





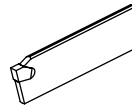
117-54001



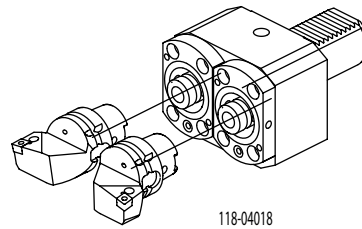
117-54002

Cut-off holder

Cut-off holder



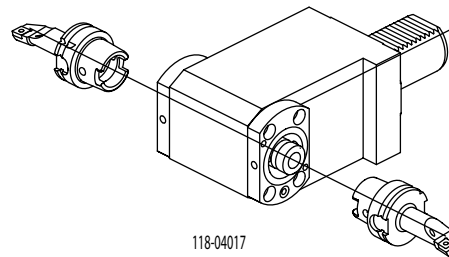
Cut-off tool
32 mm



118-04018

Face and O.D.
cutting holder

HSK 40 A+C

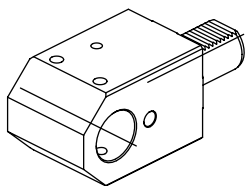


118-04017

Boring bar holder

HSK 40 A+C

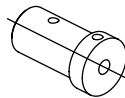
ACCESSORIES



115-54061

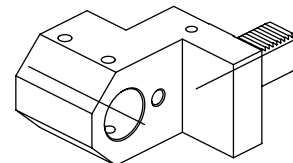
Toolholder
for boring bar

Ø40 mm



Boring bar sleeve

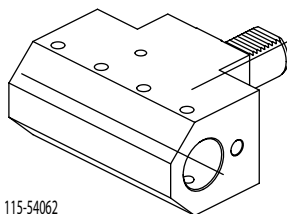
165-64105 (Ø10 mm)
165-64106 (Ø12 mm)
165-64107 (Ø16 mm)
165-64108 (Ø20 mm)



115-54063

Toolholder
for boring bar

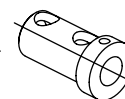
Ø40 mm



115-54062

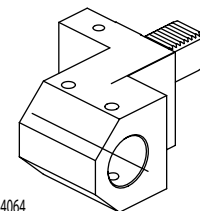
Toolholder
for boring bar

Ø40 mm



Boring bar sleeve

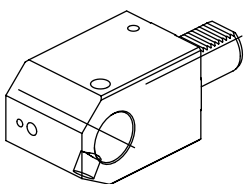
165-64109 (Ø25 mm)
165-64110 (Ø32 mm)



115-54064

Toolholder
for boring bar

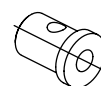
Ø40 mm



115-34018

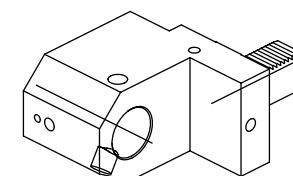
Toolholder
for insertdrill

Ø40 mm



Throw-away drill socket

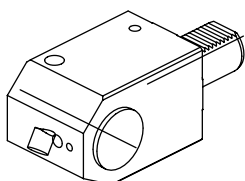
165-64111 (Ø20 mm)
165-64112 (Ø25 mm)
165-64113 (Ø32 mm)



115-34020

Toolholder
for insertdrill

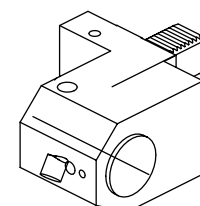
Ø40 mm



115-34019

Toolholder
for insertdrill

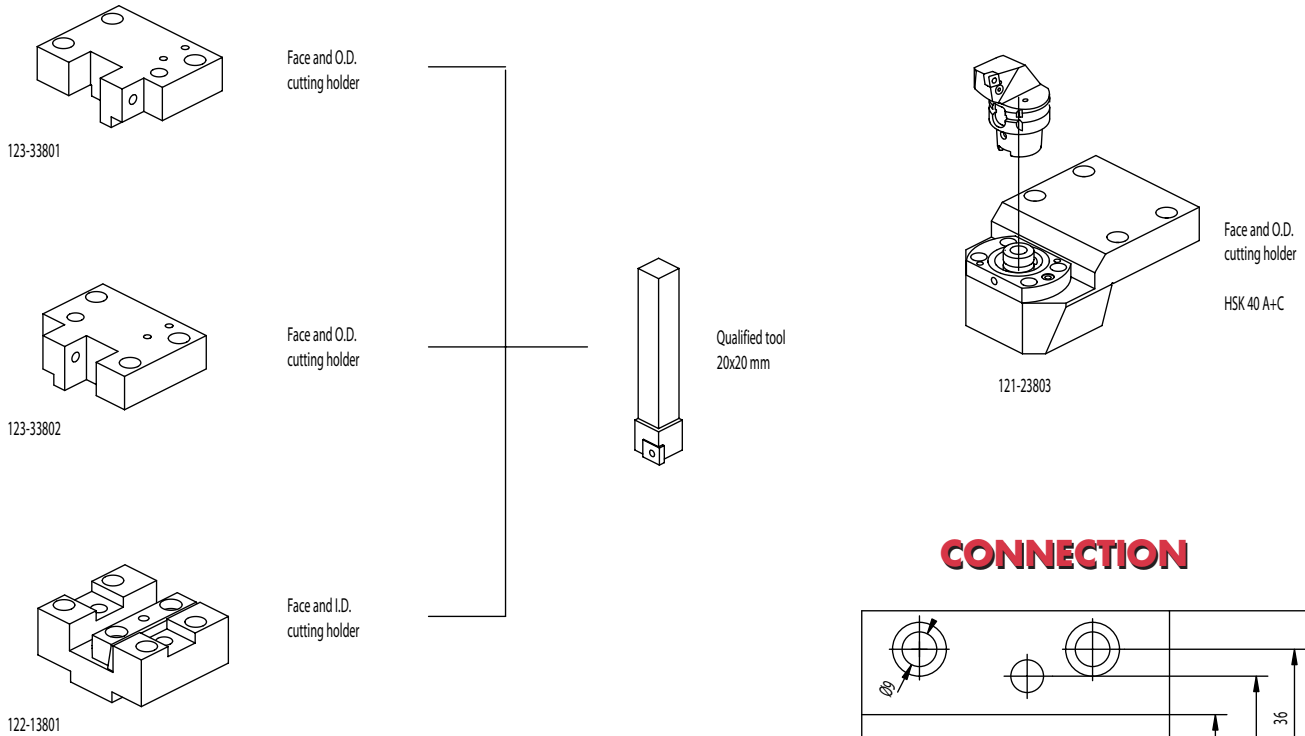
Ø40 mm



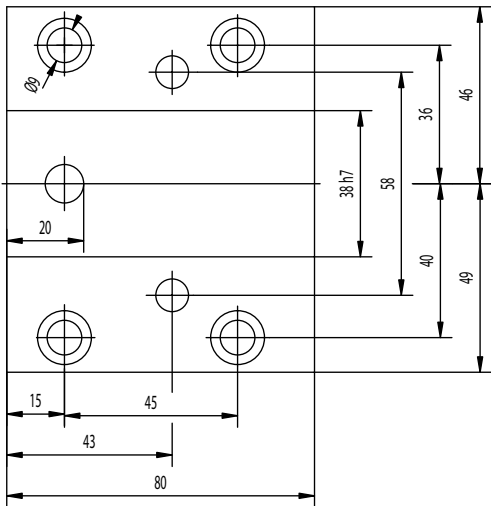
115-34021

Toolholder
for insertdrill

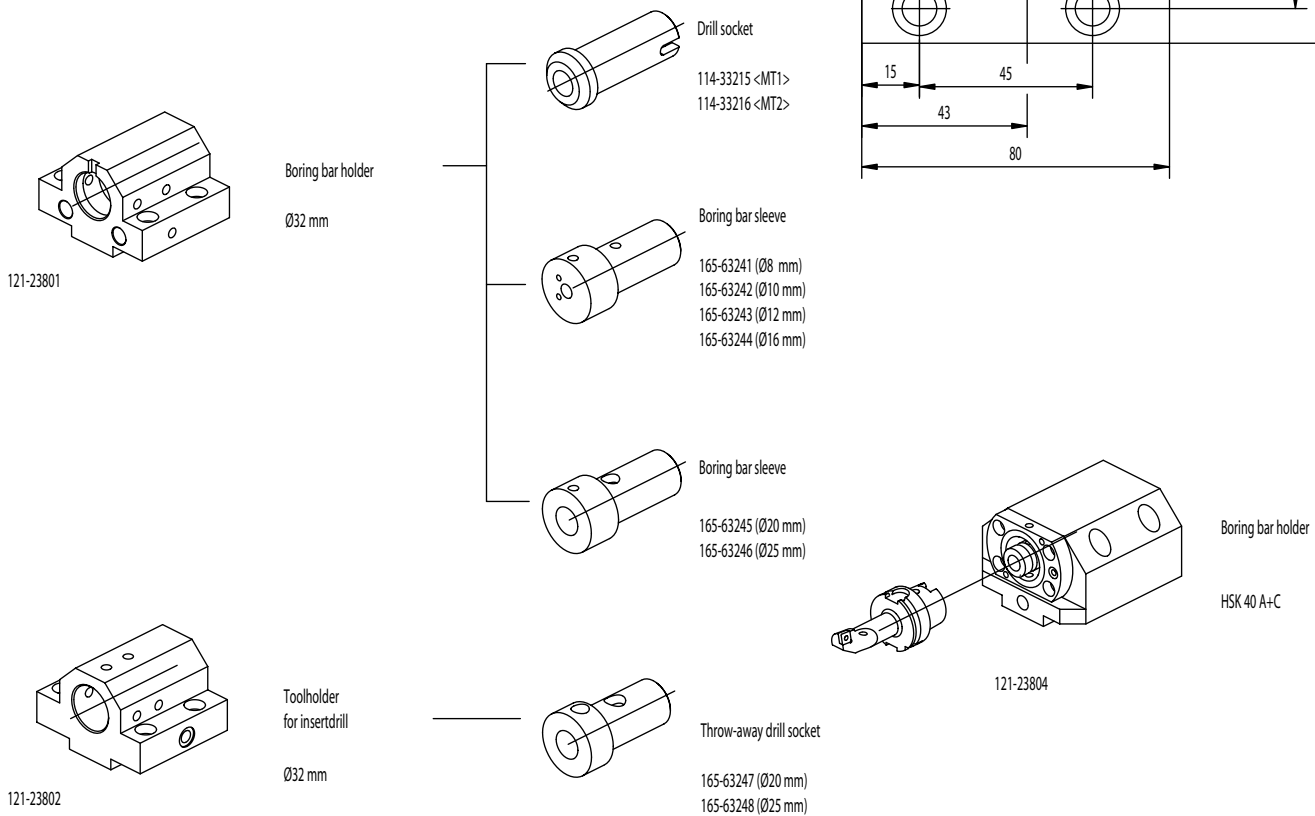
Ø40 mm

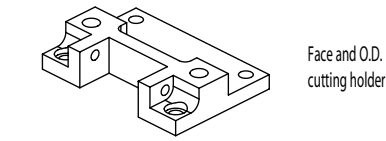


CONNECTION

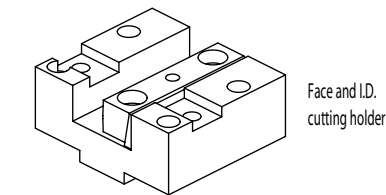


ACCESSORIES





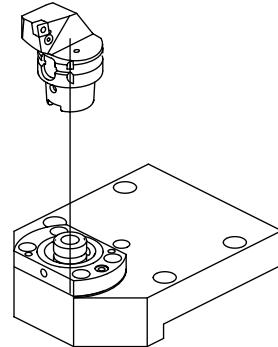
Face and O.D.
cutting holder



Face and I.D.
cutting holder

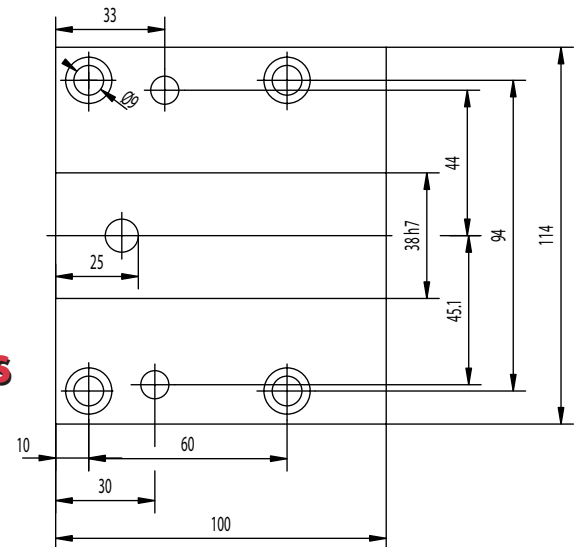


Qualified tool
25x25 mm

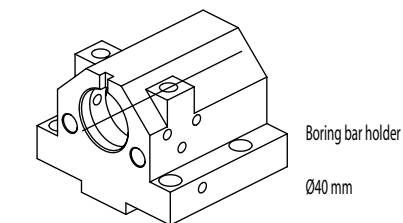


Face and O.D.
cutting holder
HSK 40 A+C

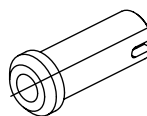
CONNECTION



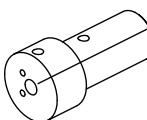
ACCESSORIES



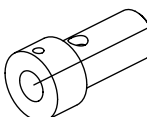
Boring bar holder
Ø40 mm



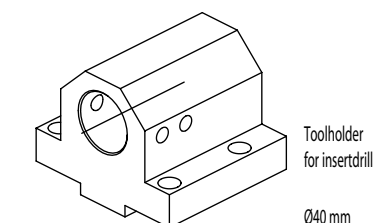
Drill socket
114-34015 <MT1>
114-34016 <MT2>
114-34017 <MT3>



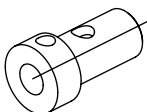
Boring bar sleeve
165-64114 (Ø8 mm)
165-64115 (Ø10 mm)
165-64116 (Ø12 mm)
165-64117 (Ø16 mm)
165-64118 (Ø20 mm)



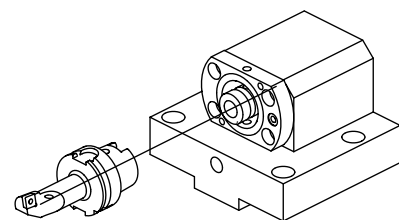
Boring bar sleeve
165-64119 (Ø25 mm)
165-64120 (Ø32 mm)



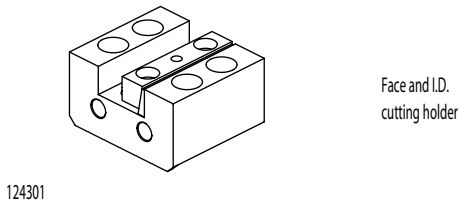
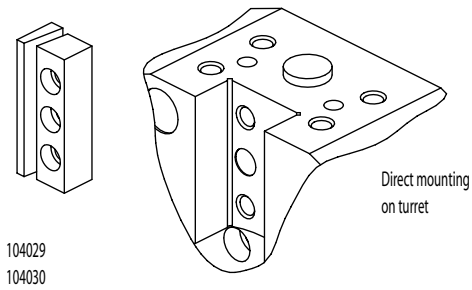
Toolholder
for insertdrill
Ø40 mm



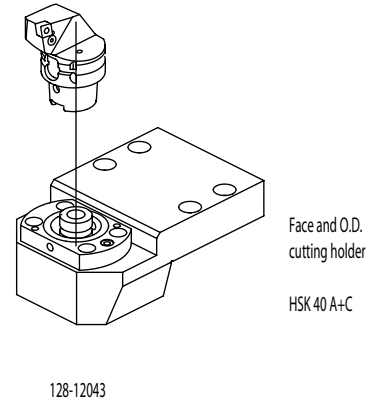
Throw-away drill socket
165-64121 (Ø20 mm)
165-64122 (Ø25 mm)
165-64123 (Ø32 mm)



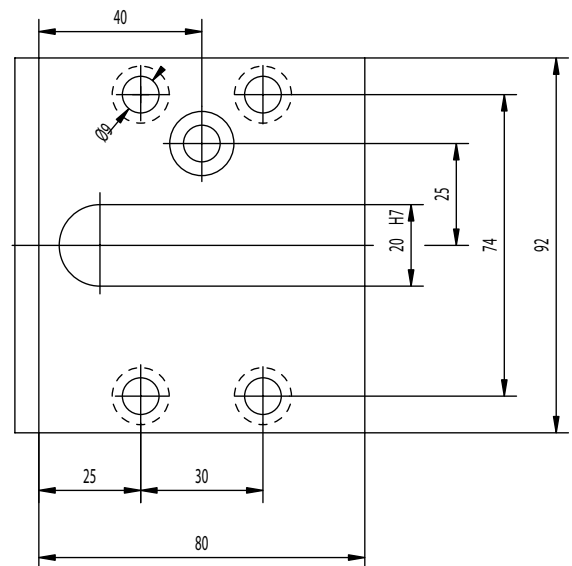
Boring bar holder
HSK 40 A+C



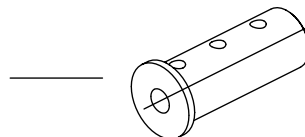
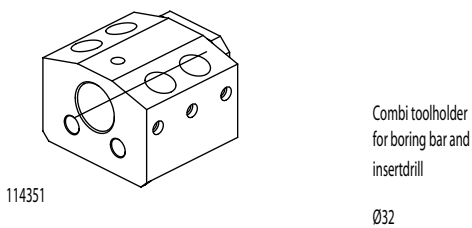
Qualified tool
25x25 mm



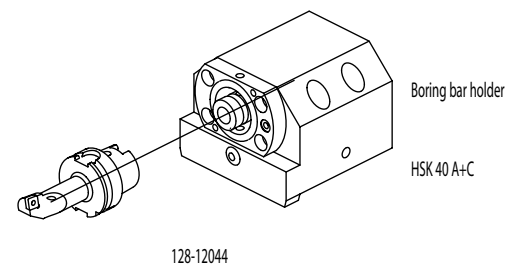
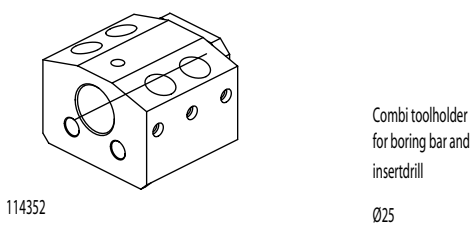
CONNECTION

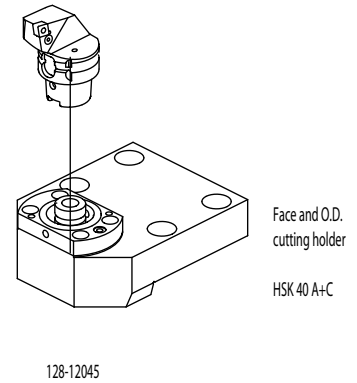
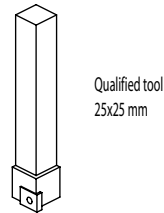
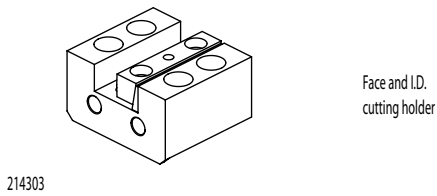
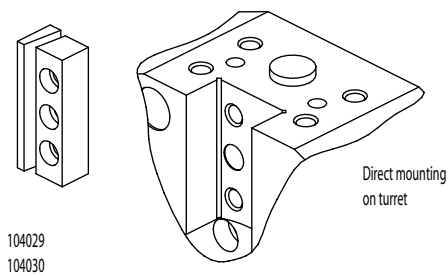


ACCESSORIES

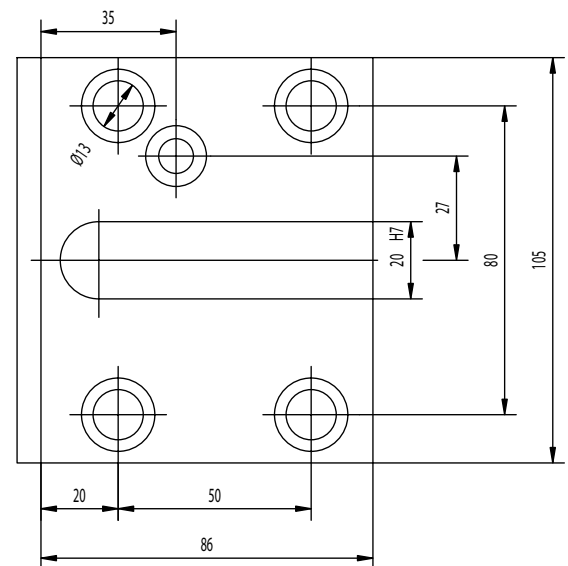


Boring bar sleeve and
throw-away drill socket
K114354 (Ø10 mm)
K114355 (Ø12 mm)
K114356 (Ø16 mm)
K114357 (Ø20 mm)
K114358 (Ø25 mm)

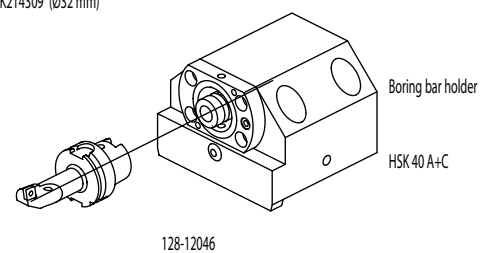
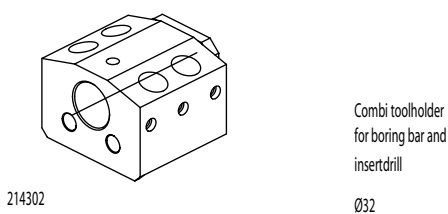
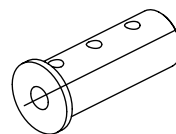
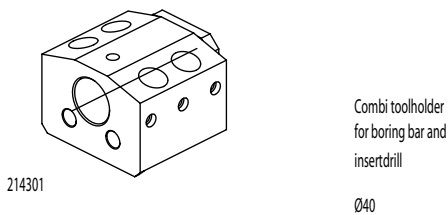


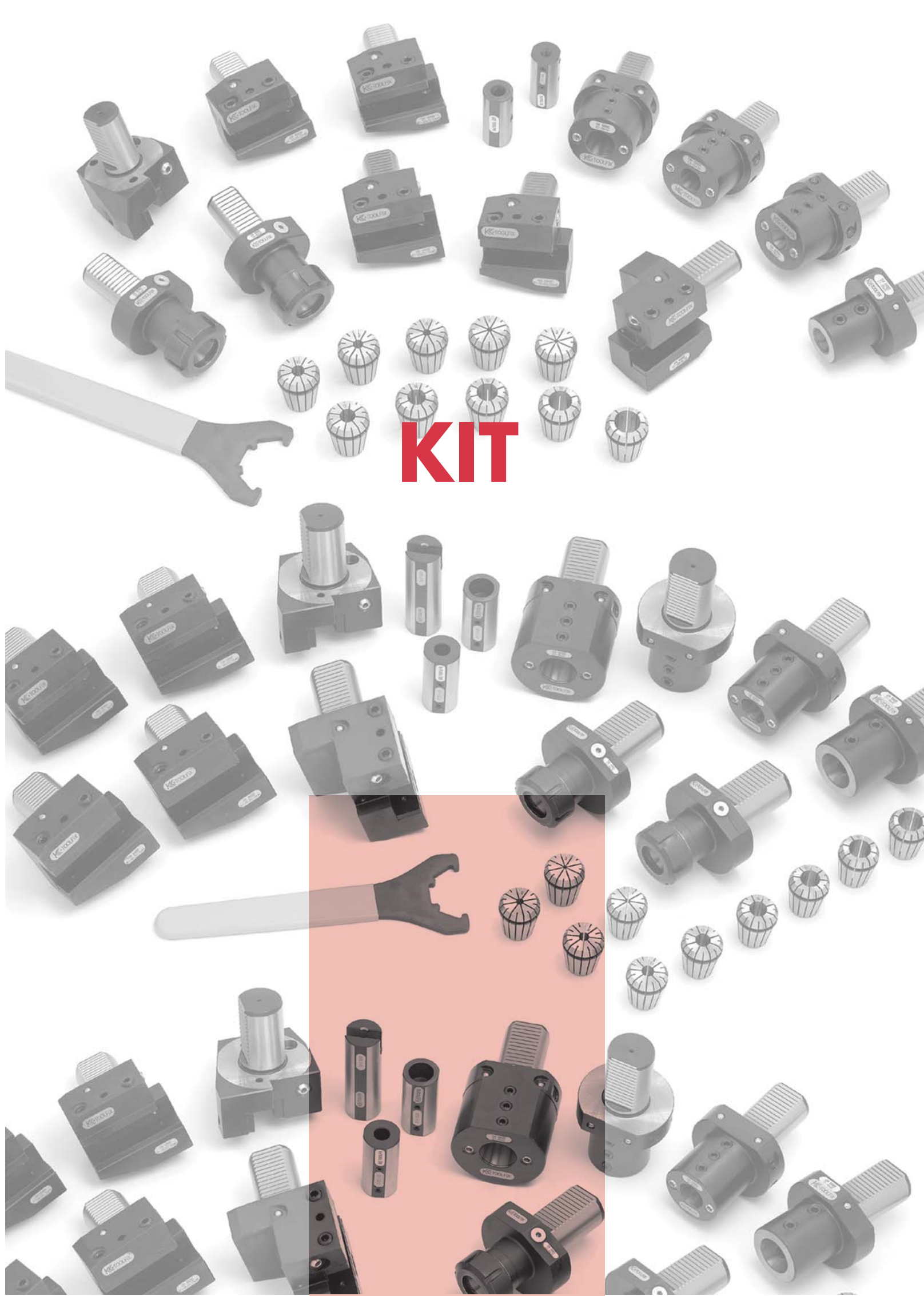


CONNECTION



ACCESSORIES





KIT

KIT PORTA UTENSILI KIT VDI TOOL HOLDERS



CODE DIN 69880	DESCRIZIONE DESCRIPTION
KIT VDI 30 DX	N°4 portaut.trasver.dx. (B1) N°1 portaut.trasv.rov.dx. (B3) N°1 portaut.longit.dx. (C1) N°1 portapunte inserti Ø20 (E1) N°1 portabareno Ø25 (E2) N°1 portabareno Ø20 (E2) N°1 portabareno Ø16 (E2) N°2 portapince ER32 (E4) N°1 bussola di riduzione Ø25-10 N°1 bussola di riduzione Ø25-12 N°10 pinze ER32 (Ø3 4 6 8 10 12 14 16 18 20) N°1 chiave per ER32
	N°4 turning RH short (B1) N°1 turning RH overhead (B3) N°1 axial holder RH (C1) N°1 U drill holder Ø20 (E1) N°1 boring bar holder Ø25 (E2) N°1 boring bar holder Ø20 (E2) N°1 boring bar holder Ø16 (E2) N°2 collet chucks ER32 (E4) N°1 reduction Ø25-10 N°1 reduction Ø25-12 N°10 collets ER32 (Ø3 4 6 8 10 12 14 16 18 20) N°1 wrench ER32

Lo stesso Kit può essere fornito con portautensili radiali e longitudinali in versione **SINISTRA** con codice

The same Kit can be supplied with **LEFT** radial and axial toolholders with code n°

KITVDI30SX



CODE DIN 69880	DESCRIZIONE DESCRIPTION
KIT VDI 40 DX	N°4 portaut.trasver.dx. (B1) N°1 portaut.trasv.rov.dx. (B3) N°1 portaut.longit.dx. (C1) N°1 portapunte inserti Ø32 (E1) N°1 portabareno Ø16 (E2) N°1 portabareno Ø25 (E2) N°1 portabareno Ø32 (E2) N°2 portapince ER32 (E4) N°1 bussola di riduzione Ø32-12 N°1 bussola di riduzione Ø32-20 N°1 bussola CM3 N°10 pinze ER32 (Ø3 4 6 8 10 12 14 16 18 20) N°1 chiave per ER32
	N°4 turning RH short (B1) N°1 turning RH overhead (B3) N°1 axial holder RH (C1) N°1 U drill holder Ø32 (E1) N°1 boring bar holder Ø16 (E2) N°1 boring bar holder Ø25 (E2) N°1 boring bar holder Ø32 (E2) N°2 collet chucks ER32 (E4) N°1 reduction Ø32-12 N°1 reduction Ø32-20 N°1 reduction MT3 N°10 collets ER32 (Ø3 4 6 8 10 12 14 16 18 20) N°1 wrench ER32

Lo stesso Kit può essere fornito con portautensili radiali e longitudinali in versione **SINISTRA** con codice

The same Kit can be supplied with **LEFT** radial and axial toolholders with code n°

KITVDI40SX