



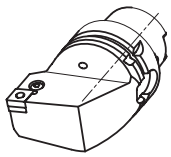
**WERKZEUGHALTER
UND SONDER WERKZEUGEN**

**SPECIAL HOLDERS
AND TOOLHOLDERS**

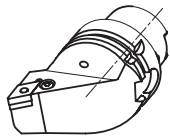
**OUTILS ET PORTE-OUTILS
SPECIAUX**

**PORTAUTENSILI E UTENSILI
SPECIALI**

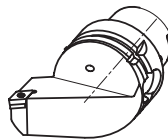
OKUMA MACTURN 250 (HSK 63)



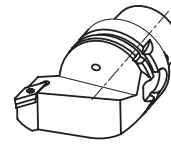
PCLN
H63APCLNL/R12-OM



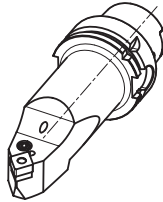
PDJN
H63APDJNL/R15-OM



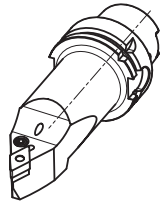
SDJC
H63ASDJCL/R11-OM



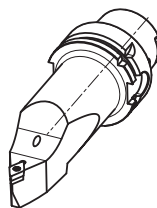
SVJB
H63ASVJBL/R16-OM



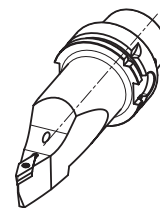
PCMNR
H63APCMNR12-L145



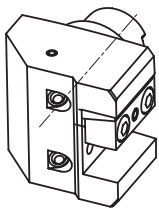
PDNNR
H63APDNNR15-L145



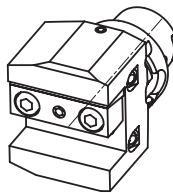
SDNCN
H63ASDNCN11-L145



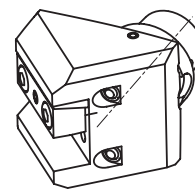
SVVCN
H63ASVVCN16-L145



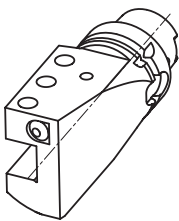
Axial toolholder
25x25 mm
142-11402



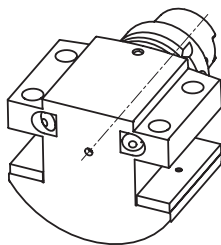
Radial toolholder
25x25 mm
141-11406



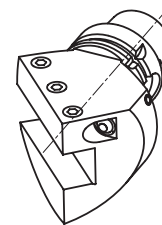
Toolholder 45°
25x25 mm
141-11405



Axial toolholder
25x25 mm
142-21401 (left)
142-11403 (right)

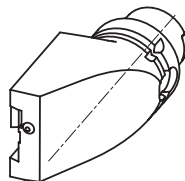


Axial toolholder
32x32/25x25 mm
142-11405

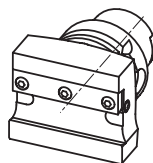


Toolholder 45°
25x25 mm
141-11407 (left)
141-21401 (right)

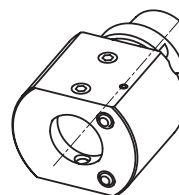
Boring bar sleeve



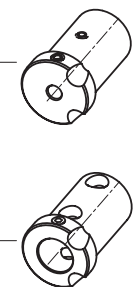
Axial toolholder
for cut off tools
147-51405 (26mm,left)
147-51406 (26mm,right)
147-51407 (32mm,left)
147-51408 (32mm,right)



Radial toolholder
for cut off tools
147-51409 (26mm)
147-51410 (32mm)

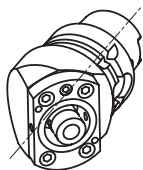


Boring bar holder
ø40 mm
145-21412

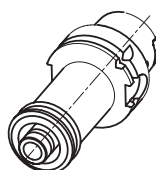


165-64124 (ø10 mm)
165-64125 (ø12 mm)
165-64126 (ø16 mm)
165-64127 (ø20 mm)

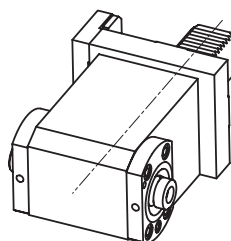
Boring bar sleeve
165-64128 (ø25 mm)
165-64129 (ø32 mm)



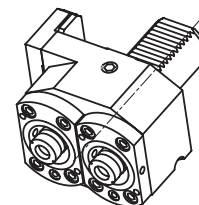
Toolholder 45°
HSK40 A+C
148-01401



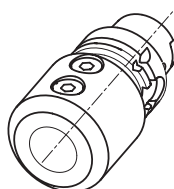
Extension
148-01403 HSK40A+C
148-01404 HSK63A+C



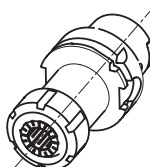
Radial toolholder (VDI40)
HSK40 A+C
118-04011



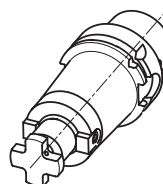
Axial toolholder (VDI40)
HSK40 A+C
118-04012



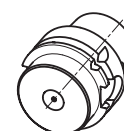
End mill holder
213-11723 (ø25 mm)
213-11724 (ø32 mm)



ER collet chuck
214-31737 (ER25M,H160)
214-31779 (ER25M,H150)
214-31708 (ER32,H100)
214-31780 (ER32,H90)

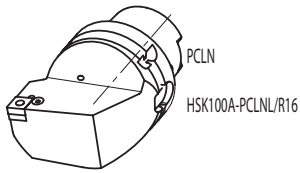


Face mill holder
216-71773 (ø16 mm)
216-71774 (ø22 mm)
216-71775 (ø27 mm)
216-71776 (ø32 mm)

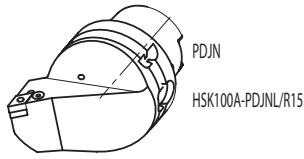


Blanking plug
140-30005 (HSK40A)
140-30006 (HSK63A)

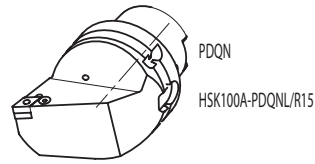
WFL MILLTURN 120 (HSK 100)



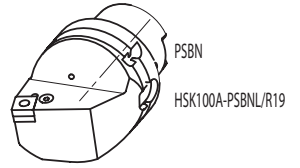
PCLN
HSK100A-PCLNL/R16



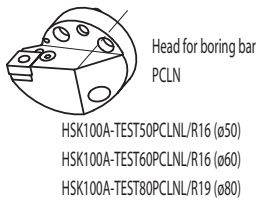
PDJN
HSK100A-PDJNL/R15



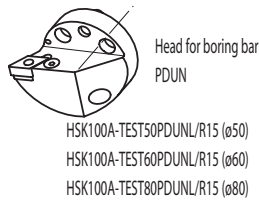
PDQN
HSK100A-PDQNL/R15



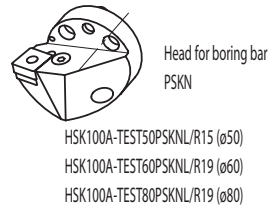
PSBN
HSK100A-PSBNL/R19



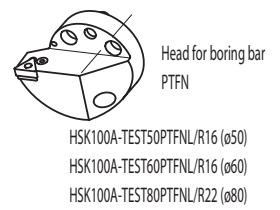
Head for boring bar
PCLN
HSK100A-TEST50PCLNL/R16 (ø50)
HSK100A-TEST60PCLNL/R16 (ø60)
HSK100A-TEST80PCLNL/R19 (ø80)



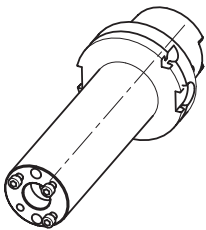
Head for boring bar
PDUN
HSK100A-TEST50PDUNL/R15 (ø50)
HSK100A-TEST60PDUNL/R15 (ø60)
HSK100A-TEST80PDUNL/R15 (ø80)



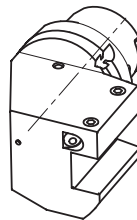
Head for boring bar
PSKN
HSK100A-TEST50PSKNL/R15 (ø50)
HSK100A-TEST60PSKNL/R19 (ø60)
HSK100A-TEST80PSKNL/R19 (ø80)



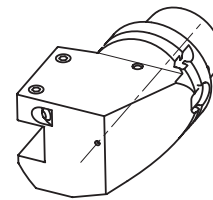
Head for boring bar
PTFN
HSK100A-TEST50PTFNL/R16 (ø50)
HSK100A-TEST60PTFNL/R16 (ø60)
HSK100A-TEST80PTFNL/R22 (ø80)



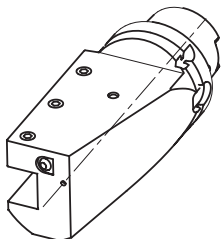
Bohring bar
HSK100A-BR50L160 (ø50)
HSK100A-BR60L210 (ø60)
HSK100A-BR80L275 (ø80)



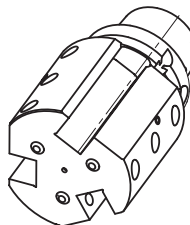
Axial toolholder.RH
32x32 mm
142-11601



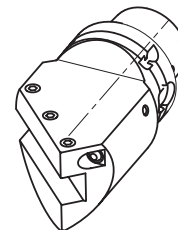
Axial toolholder.LH
32x32 mm
142-21601



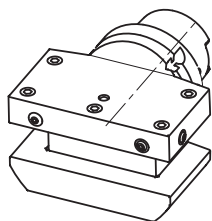
Axial toolholder long
142-21604 (25x25 mm, left)
142-11603 (25x25 mm, right)
142-21603 (32x32 mm, left)
142-11604 (32x32 mm, right)



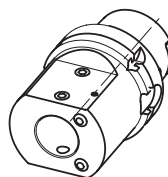
Axial toolholder
25x25 mm
142-21605 (left)
142-11605 (right)



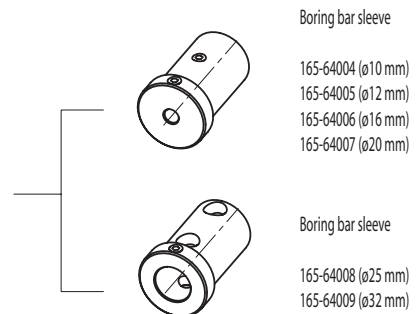
Toolholder 45°
25x25 mm
141-11601



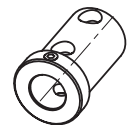
Toolholder with multiple seats
32x32 mm
143-11601



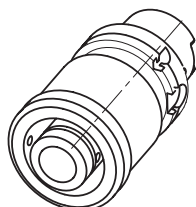
Boring bar holder
ø40 mm
145-21605



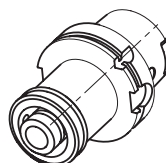
Boring bar sleeve
165-64004 (ø10 mm)
165-64005 (ø12 mm)
165-64006 (ø16 mm)
165-64007 (ø20 mm)



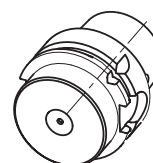
Boring bar sleeve
165-64008 (ø25 mm)
165-64009 (ø32 mm)



Extension adaptor
148-01601 (L=140)
148-01602 (L=200)



Reducing adaptor
HSK63 A+C
148-01603



Blanking plug
140-30006 (HSK63A)
140-30007 (HSK100A)

