



INDEX C100 - VDI25

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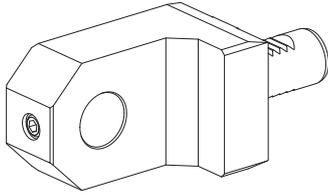
Note on applicability

Illustrations in this publication may deviate from the product supplied. Errors and omissions due to technical progress expected.

A word on copyright

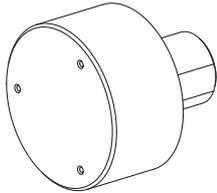
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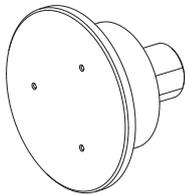
10505133 Bar stop, live

Fixation	none
Mounting	D25 (0.98 ")
Cooling	–
X / Y / Z	70 (2.76) / – / 30 (1.18) mm (")



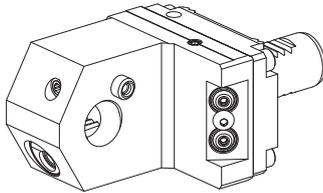
10900227 Bar stop, live

Fixation	–
Mounting	D58 (2.28 ")
Cooling	–
X / Y / Z	– / – / 30 (1.18) mm (")



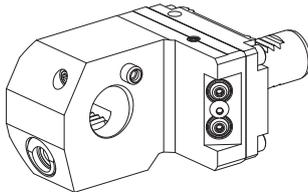
10452051 Bar stop, live

Fixation	–
Mounting	D85 (3.35 ")
Cooling	–
X / Y / Z	– / – / 30 (1.18) mm (")



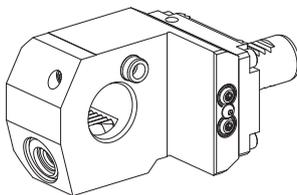
10558089 Compensation holder

Fixation	W serration
Mounting	VDI 20
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	70 (2.76) / – / 2 (0.08) mm (")



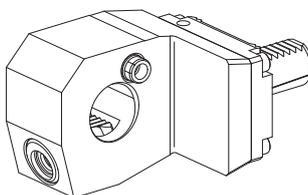
10845238 Compensation holder

Fixation	W serration
Mounting	VDI 25
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	70 (2.76) / – / 2 (0.08) mm (")



10054233 Compensation holder

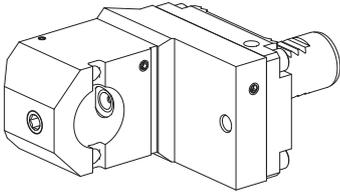
Fixation	W serration
Mounting	VDI 30
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	70 (2.76) / – / 2 (0.08) mm (")



10660913 Compensation holder, vertically adjustable

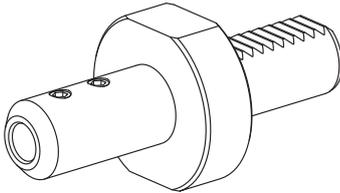
Fixation	W serration
Mounting	VDI 30
Cooling	internal, p_{max} 80 bar
X / Y / Z	70 (2.76) / – / -5 (-0.20) mm (")

Stationary tool holder Shank VDI25



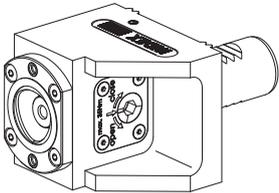
10428102 Compensation holder

Fixation	W serration
Mounting	ABS 50
Cooling	internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / -8 (-0.31) mm (")



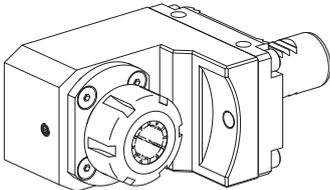
10773801 Drilling tool holder, Specially for the marking tool WriteStar

Fixation	none
Mounting	D12 (0.47 ")
Cooling	-
X / Y / Z	68 (2.68) / - / - mm (")



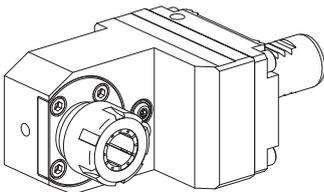
10265902 Drilling tool holder

Fixation	W serration
Mounting	INDEX TRAUB CAPTO C3
Cooling	internal, p_{\max} 80 bar
X / Y / Z	60 (2.36) / - / 16 (0.63) mm (")



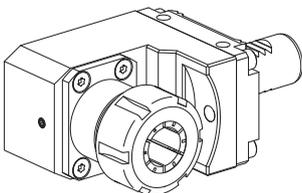
10545041 Drilling tool holder

Fixation	W serration
Mounting	ER 25
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / 31 (1.22) mm (")



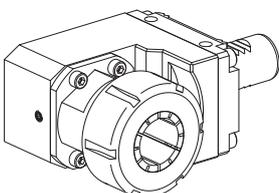
10972928 Drilling tool holder

Fixation	W serration
Mounting	ER 25
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	87 (3.43) / - / 31 (1.22) mm (")



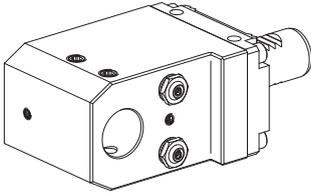
10569878 Drilling tool holder

Fixation	W serration
Mounting	ER 32
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / 52 (2.05) mm (")



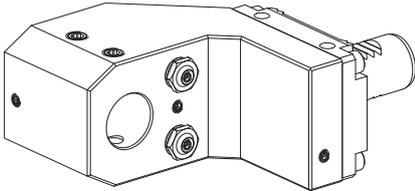
10507494 Drilling tool holder

Fixation	W serration
Mounting	ER 40
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / 57.5 (2.26) mm (")



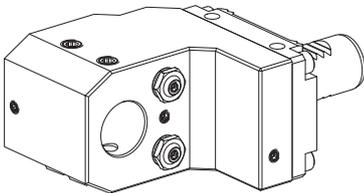
10014235 Drilling tool holder

Fixation W serration
Mounting DIN 1835 B/E D25 (0.98 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 87 (3.43) / – / 30 (1.18) mm (")



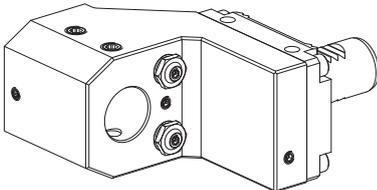
10539095 Drilling tool holder

Fixation W serration
Mounting DIN 1835 B/E D25 (0.98 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 87 (3.43) / – / -19 (-0.75) mm (")



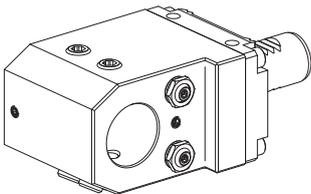
10967785 Drilling tool holder

Fixation W serration
Mounting DIN 1835 B/E D25 (0.98 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 78 (3.07) / – / 0 () mm (")



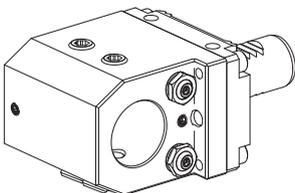
11057940 Drilling tool holder

Fixation W serration
Mounting DIN 1835 B/E D25 (0.98 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 70 (2.76) / – / -19 (-0.75) mm (")



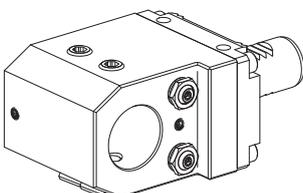
10014065 Drilling tool holder

Fixation W serration
Mounting DIN 1835 B/E D32 (1.26 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 78 (3.07) / – / 30 (1.18) mm (")



10185704 Drilling tool holder

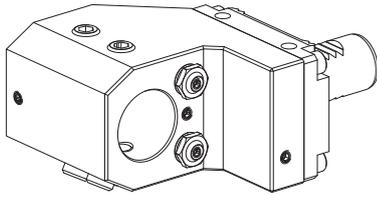
Fixation W serration
Mounting DIN 1835 B/E D32 (1.26 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 60 (2.36) / – / 30 (1.18) mm (")



10712278 Drilling tool holder

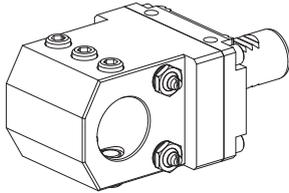
Fixation W serration
Mounting DIN 1835 B/E D32 (1.26 ")
Cooling external and internal, p_{max} 80 bar
X / Y / Z 70 (2.76) / – / 30 (1.18) mm (")

Stationary tool holder Shank VDI25



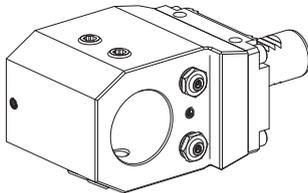
10894414 Drilling tool holder

Fixation	W serration
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	70 (2.76) / - / - mm (")



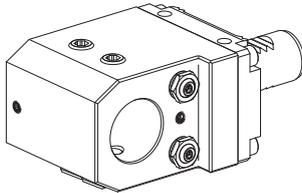
11020232 Drilling tool holder

Fixation	W serration
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	external, p_{max} 80 bar
X / Y / Z	70 (2.76) / - / 30 (1.18) mm (")



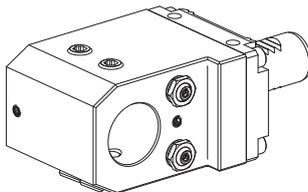
11032488 Drilling tool holder

Fixation	W serration
Mounting	DIN 1835 B/E D40 (1.57 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	78 (3.07) / - / 30 (1.18) mm (")



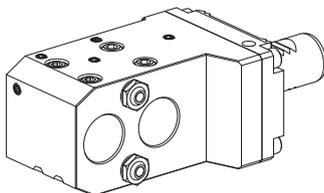
10017019 Drilling tool holder

Fixation	W serration
Mounting	DIN 1835 B/E D 1 1/4"
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	70 (2.76) / - / 30 (1.18) mm (")



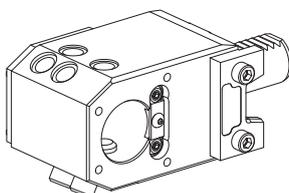
10999356 Drilling tool holder

Fixation	W serration
Mounting	DIN 1835 B/E D 1 1/4"
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	78 (3.07) / - / 30 (1.18) mm (")



10315934 Drilling tool holder, double

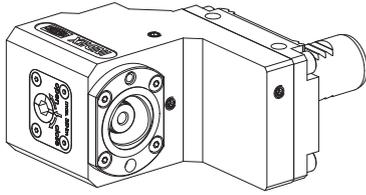
Fixation	W serration
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	65 + 100 (2.56 + 3.94) / - / 20 (0.79) mm (")



10753427 Drilling tool holder

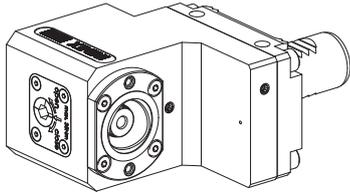
Fixation	Vee bar
Mounting	D1 1/4 "
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	70 (2.76) / - / 30 (1.18) mm (")

Stationary tool holder Shank VDI25



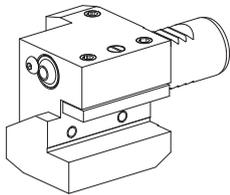
10038299 Drilling tool holder

Fixation	W serration
Mounting	INDEX TRAUB CAPTO C3
Cooling	internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / -5 (-0.20) mm (")



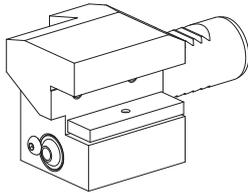
10705777 Drilling tool holder

Fixation	W serration
Mounting	INDEX TRAUB CAPTO C3
Cooling	internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / 5 (0.20) mm (")



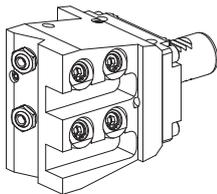
10593252 Turning tool holder, Form C1/C4

Fixation	none
Mounting	square 16x16
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 19 (0.75) mm (")



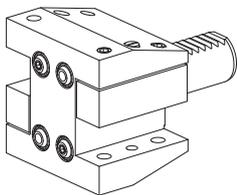
11033174 Turning tool holder, Form C2/C3

Fixation	none
Mounting	square 16x16
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 19 (0.75) mm (")



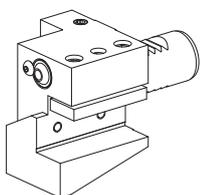
11046904 Turning tool holder, double

Fixation	W serration
Mounting	square 16x16
Cooling	external, p_{\max} 80 bar
X / Y / Z	85.5 (3.37) / -19 +17.5 (-0.75 + 0.69) / 19 (0.75) mm (")



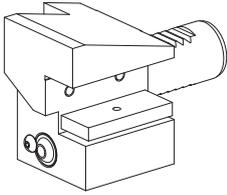
10199711 Turning tool holder, double

Fixation	none
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 17 (0.67) mm (")



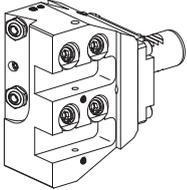
10443801 Turning tool holder, Form C1/C4

Fixation	none
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 15 (0.59) mm (")



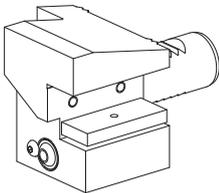
10940870 Turning tool holder, Form C2/C3

Fixation	none
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 19 (0.75) mm (")



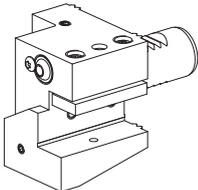
10241995 Turning tool holder, double

Fixation	W serration
Mounting	square 20x20
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	85.5 (3.37) / 5 + -40 (0.20 + -1.57) / 34.5 (1.36) mm (")



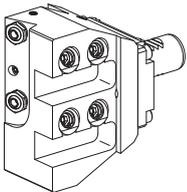
10252236 Turning tool holder, Form C2/C3

Fixation	W serration
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 19 (0.75) mm (")



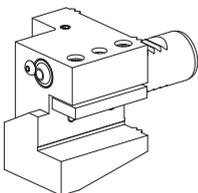
10326998 Turning tool holder, Form C1/C4

Fixation	W serration
Mounting	square 20x20
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	55 (2.17) / - / 15 (0.59) mm (")



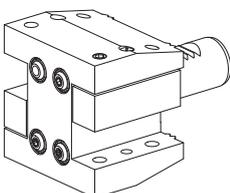
10330772 Turning tool holder, double

Fixation	W serration
Mounting	square 20x20
Cooling	external, p_{\max} 80 bar
X / Y / Z	85.5 (3.37) / 5 + -40 (0.20 + -1.57) / 34.5 (1.36) mm (")



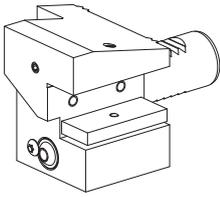
10583476 Turning tool holder, Form C1/C4

Fixation	W serration
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	55 (2.17) / - / 15 (0.59) mm (")

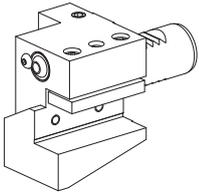


10657631 Turning tool holder, double

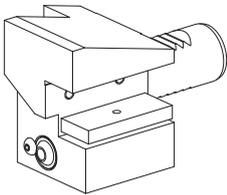
Fixation	W serration
Mounting	square 20x20
Cooling	external, p_{\max} 20 bar
X / Y / Z	57 (2.24) / - / 17 (0.67) mm (")



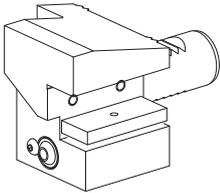
11095063 Turning tool holder, Form C2/C3
Fixation W serration
Mounting square 20x20
Cooling external and internal, p_{\max} 80 bar
X / Y / Z 55 (2.17) / – / 19 (0.75) mm (")



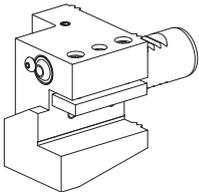
110345003 Turning tool holder, Form C1/C4
Fixation none
Mounting square 3/4x3/4"
Cooling external, p_{\max} 20 bar
X / Y / Z 55 (2.17) / – / 15 (0.59) mm (")



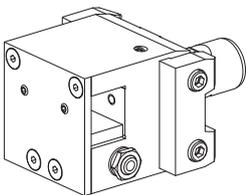
11064321 Turning tool holder, Form C2/C3
Fixation none
Mounting square 3/4x3/4"
Cooling external, p_{\max} 20 bar
X / Y / Z 55 (2.17) / – / 19 (0.75) mm (")



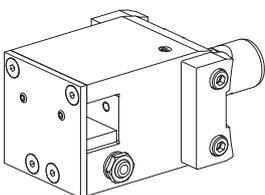
10042128 Turning tool holder, Form C2/C3
Fixation W serration
Mounting square 3/4x3/4"
Cooling external, p_{\max} 20 bar
X / Y / Z 55 (2.17) / – / 19 (0.75) mm (")



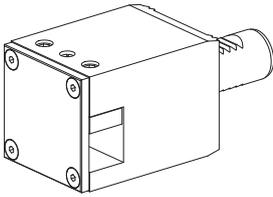
10295890 Turning tool holder, Form C1/C4
Fixation W serration
Mounting square 3/4x3/4"
Cooling external, p_{\max} 20 bar
X / Y / Z 55 (2.17) / – / 15 (0.59) mm (")



10385115 Turning tool holder
Fixation Clamping and stop bar
Mounting square 20x20
Cooling external, p_{\max} 80 bar
X / Y / Z 40 (1.57) / – / 30 (1.18) mm (")

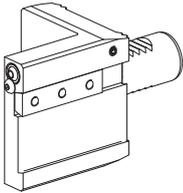


10666309 Turning tool holder
Fixation Clamping and stop bar
Mounting square 20x20
Cooling external, p_{\max} 80 bar
X / Y / Z 60 (2.36) / – / 30 (1.18) mm (")



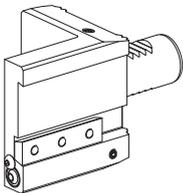
10169442 Turning tool holder

Fixation	W serration
Mounting	square 20x20
Cooling	external, p_{max} 20 bar
X / Y / Z	60 (2.36) / – / 30 (1.18) mm (")



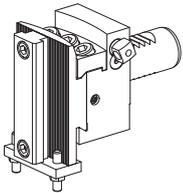
10222400 Grooving tool holder

Fixation	W serration
Mounting	Trapezoid 32x4
Cooling	external, p_{max} 20 bar
X / Y / Z	68.2 (2.69) / – / 30 (1.18) mm (")



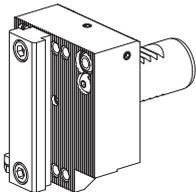
10304690 Grooving tool holder

Fixation	W serration
Mounting	Trapezoid 32x4
Cooling	external, p_{max} 20 bar
X / Y / Z	68.2 (2.69) / – / 30 (1.18) mm (")



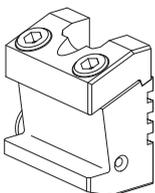
10837364 Basic holder, Contour plunging tool holder

Fixation	none
Mounting	–
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	88 (3.46) / – / – mm (")



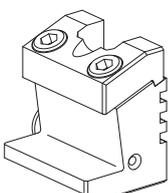
10758898 Basic holder, Contour plunging tool holder

Fixation	W serration
Mounting	–
Cooling	external, p_{max} 20 bar
X / Y / Z	28.3 (1.11) / – / – mm (")



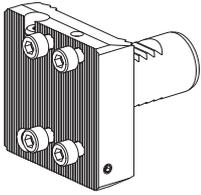
10607061 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	–
Cooling	external, p_{max} 20 bar
X / Y / Z	30 (1.18) / – / – mm (")



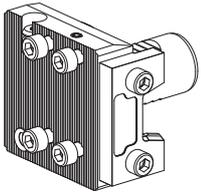
10463581 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	–
Cooling	external, p_{max} 20 bar
X / Y / Z	38 (1.50) / – / – mm (")



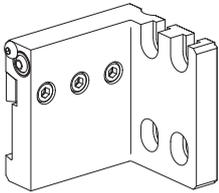
10266235 Basic holder, vertically adjustable

Fixation	W serration
Mounting	–
Cooling	external, p_{\max} 20 bar
X / Y / Z	19 (0.75) / – / – mm (")



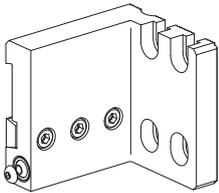
10076218 Basic holder, vertically adjustable

Fixation	Vee bar
Mounting	–
Cooling	external, p_{\max} 20 bar
X / Y / Z	19 (0.75) / – / 30 (1.18) mm (")



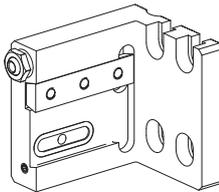
10498677 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x4
Cooling	external, p_{\max} 20 bar
X / Y / Z	63 (2.48) / ± 1.5 (± 0.06) / 58 (2.28) mm (")



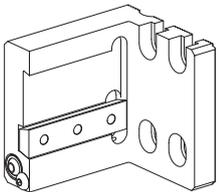
10668867 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x4
Cooling	external, p_{\max} 20 bar
X / Y / Z	63 (2.48) / ± 1.5 (± 0.06) / 58 (2.28) mm (")



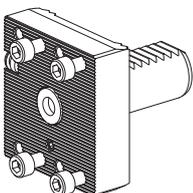
11094518 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x4
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	63 (2.48) / ± 1.5 (± 0.06) / 58 (2.28) mm (")



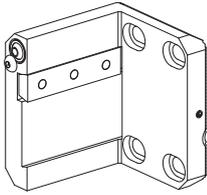
10804363 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x4
Cooling	external, p_{\max} 20 bar
X / Y / Z	63 (2.48) / ± 1.5 (± 0.06) / 58 (2.28) mm (")



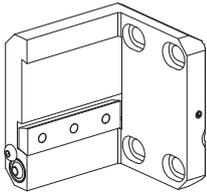
10743913 Basic holder, horizontally adjustable

Fixation	W serration
Mounting	–
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	19.6 (0.77) / – / 30 (1.18) mm (")



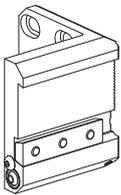
10451779 Grooving tool holding block, horizontally adjustable

Fixation	–
Mounting	Trapezoid 32x3
Cooling	external, p_{\max} 20 bar
X / Y / Z	62 (2.44) / – / 19 (0.75) mm (")



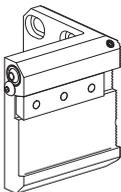
10634677 Grooving tool holding block, horizontally adjustable

Fixation	–
Mounting	Trapezoid 32x3
Cooling	external, p_{\max} 20 bar
X / Y / Z	62 (2.44) / – / 19 (0.75) mm (")



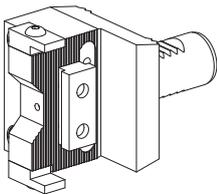
10154506 Grooving tool holding block, horizontally adjustable

Fixation	–
Mounting	Trapezoid 32x3
Cooling	–, p_{\max} 20 bar
X / Y / Z	62 (2.44) / – / 33 (1.30) mm (")



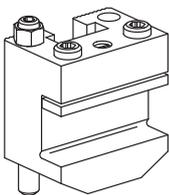
10532047 Grooving tool holding block, horizontally adjustable

Fixation	–
Mounting	Trapezoid 32x3
Cooling	–, p_{\max} 20 bar
X / Y / Z	62 (2.44) / – / 30 (1.18) mm (")



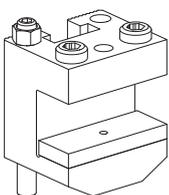
10807382 Basic holder, vertically adjustable

Fixation	W serration
Mounting	–
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	35 (1.38) / – / 5 (0.20) mm (")



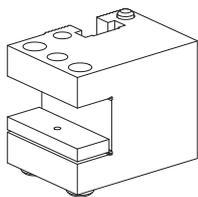
10331903 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	square 16x10
Cooling	–
X / Y / Z	20 (0.79) / – / 18 (0.71) mm (")



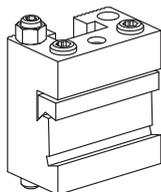
10770991 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	square 16x16
Cooling	–
X / Y / Z	20 (0.79) / – / 17 (0.67) mm (")



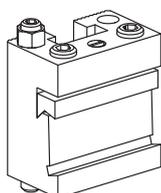
11004141 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	square 16x16
Cooling	–
X / Y / Z	40 (1.57) / – / 40 (1.57) mm (")



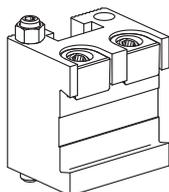
10531179 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 16x3
Cooling	–
X / Y / Z	20 (0.79) / – / 25 (0.98) mm (")



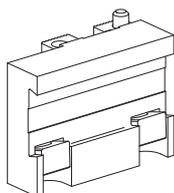
10518257 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 20x4
Cooling	–
X / Y / Z	20 (0.79) / – / 25 (0.98) mm (")



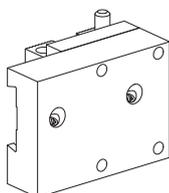
10227285 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	20 (0.79) / – / 32 (1.26) mm (")



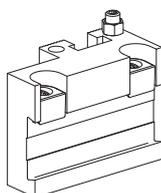
10049220 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 32 (1.26) mm (")



10787914 Grooving tool holding block, vertically adjustable

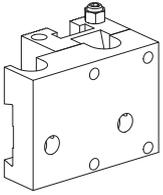
Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 28.5 (1.12) mm (")



10410270 Grooving tool holding block, vertically adjustable

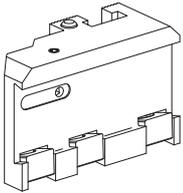
Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 32 (1.26) mm (")

Stationary tool holder Shank VDI25



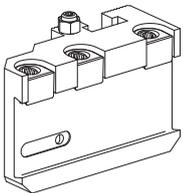
10777825 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 28.5 (1.12) mm (")



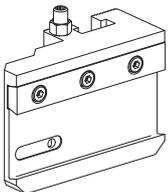
10269671 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 32x5
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / – / 32 (1.26) mm (")



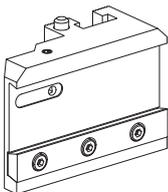
10778011 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 32x5
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / – / 32 (1.26) mm (")



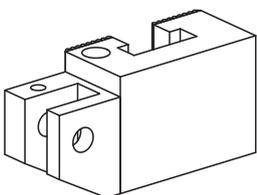
10500323 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 32x5
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / – / 32 (1.26) mm (")



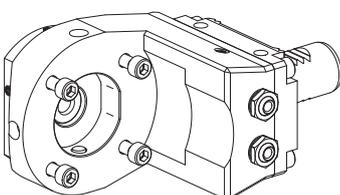
11026512 Grooving tool holding block, vertically adjustable

Fixation	–
Mounting	Trapezoid 32x5
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / – / 32 (1.26) mm (")



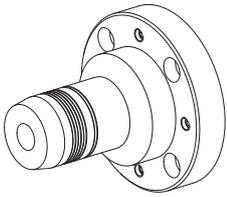
10442459 Knurling tool holding block

Fixation	none
Mounting	D6 (0.24 ")
Cooling	–
X / Y / Z	38 (1.50) / – / 20 (0.79) mm (")



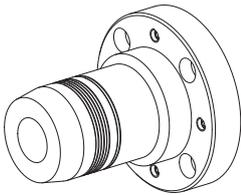
10884330 Basic holder

Fixation	W serration
Mounting	–
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	78 (3.07) / – / -23.5 (-0.93) mm (")



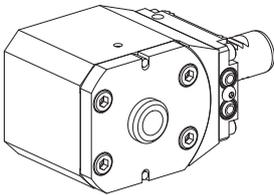
10339021 Drill holding block

Fixation	none
Mounting	Hydraulic expansion chuck D12
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	77.5 (3.05) / - / - mm (")



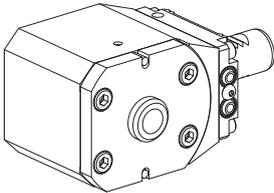
10090979 Drill holding block

Fixation	none
Mounting	Hydraulic expansion chuck D20
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	83 (3.27) / - / - mm (")



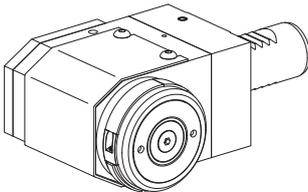
1030527 Center holder, vertically adjustable, not spring-loaded

Fixation	W serration
Mounting	D15.4 (0.61 ") / Cone 1:7.5
Cooling	external, p_{\max} 20 bar
X / Y / Z	70 (2.76) / ± 0.5 (± 0.02) / 46.5 (1.83) mm (")



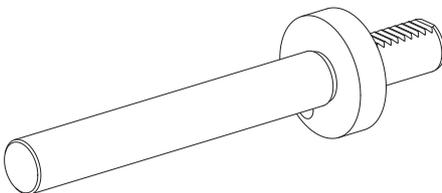
10044237 Center holder, vertically adjustable, spring-loaded

Fixation	W serration
Mounting	D15.4 (0.61 ") / Cone 1:7.5
Cooling	external, p_{\max} 20 bar
X / Y / Z	70 (2.76) / ± 0.5 (± 0.02) / 46.5 (1.83) mm (")



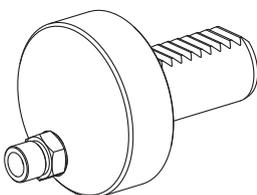
10578860 Embossing roll holder

Fixation	none
Mounting	-
Cooling	internal, p_{\max} 20 bar
X / Y / Z	65 (2.56) / - / 40.5 (1.59) mm (")



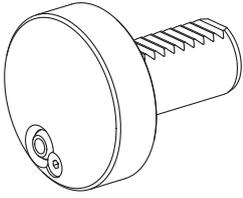
10489412 Calibrating tool

Fixation	none
Mounting	-
Cooling	-
X / Y / Z	190 (7.48) / - / - mm (")



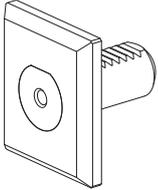
10677850 Coolant nozzle

Fixation	-
Mounting	-
Cooling	external, p_{\max} 80 bar
X / Y / Z	18 (0.71) / - / - mm (")



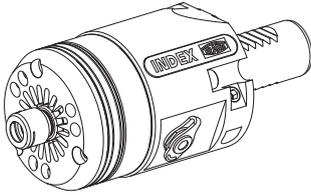
10970015 Coolant nozzle

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	16 (0.63) / – / – mm (")



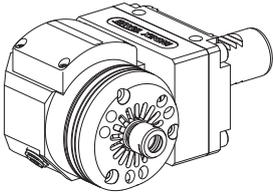
10396777 Blanking plug

Fixation	–
Mounting	–
Cooling	–
X / Y / Z	10 (0.39) / – / – mm (")



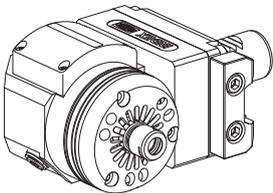
10552949 Fluid spindle, up to 50,000 1/min

Fixation	–
Mounting	ER 11
Cooling	external, p_{\max} 40 bar
X / Y / Z	105.6 (4.16) / – / – mm (")



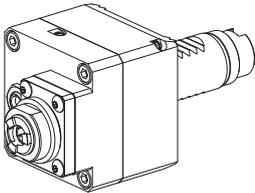
10646377 Fluid spindle, up to 40,000 1/min

Fixation	W serration
Mounting	ER 11
Cooling	external, p_{\max} 40 bar
X / Y / Z	70 (2.76) / – / 64 (2.52) mm (")



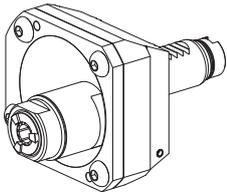
11095303 Fluid spindle, up to 40,000 1/min

Fixation	Vee bar
Mounting	ER 11
Cooling	external, p_{\max} 40 bar
X / Y / Z	70 (2.76) / – / 64 (2.52) mm (")



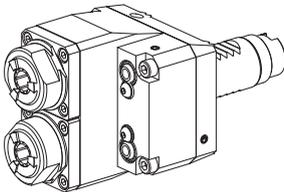
10898137 Drilling unit

Fixation	W serration
Mounting	ER 11
Cooling	external, p_{\max} 20 bar
Speed ratio	1:3 (0.333)
X / Y / Z	75 (2.95) / – / 15 (0.59) mm (")



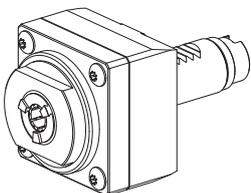
10444245 Drilling unit, vertically adjustable

Fixation	W serration
Mounting	ER 16
Cooling	external, p_{\max} 20 bar
Speed ratio	1:2.07 (0.483)
X / Y / Z	85 (3.35) / – / 22.5 (0.89) mm (")



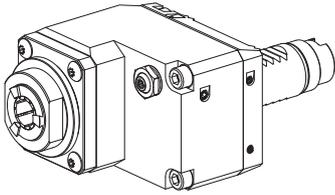
10941480 Drilling unit, double

Fixation	W serration
Mounting	ER 16
Cooling	external, p_{\max} 20 bar
Speed ratio	1:2.07 (0.483)
X / Y / Z	85 (3.35) / ± 19 (± 0.75) / 12 (0.47) mm (")



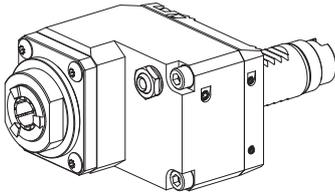
11050767 Drilling unit

Fixation	none
Mounting	ER 16
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	54 (2.13) / – / – mm (")



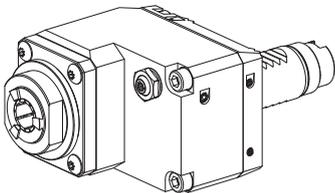
10205569 Drilling unit

Fixation	W serration
Mounting	ER 20
Cooling	external and internal, p_{max} 80 bar
Speed ratio	1:3 (0.333)
X / Y / Z	86.1 (3.39) / – / 35 (1.38) mm (")



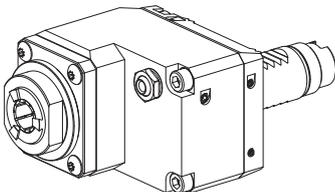
11005948 Drilling unit

Fixation	W serration
Mounting	ER 20
Cooling	external, p_{max} 80 bar
Speed ratio	1:3 (0.333)
X / Y / Z	86.1 (3.39) / – / 35 (1.38) mm (")



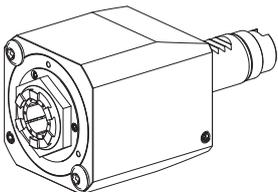
10380606 Drilling unit

Fixation	W serration
Mounting	ER 20
Cooling	external and internal, p_{max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	86.1 (3.39) / – / 35 (1.38) mm (")



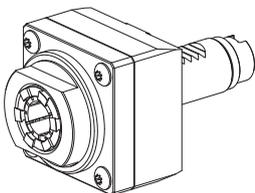
10453045 Drilling unit

Fixation	W serration
Mounting	ER 20
Cooling	external, p_{max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	86.1 (3.39) / – / 35 (1.38) mm (")



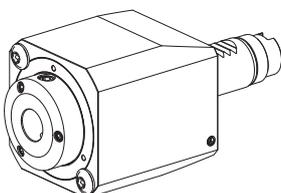
10506013 Drilling unit

Fixation	none
Mounting	ER 25
Cooling	internal, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	81 (3.19) / – / – mm (")



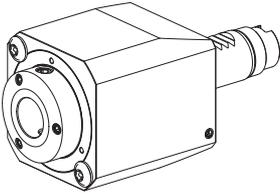
10828154 Drilling unit

Fixation	none
Mounting	ER 25
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	57 (2.24) / – / – mm (")



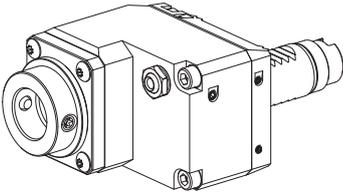
10161303 Drilling unit

Fixation	none
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	internal, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	89 (3.50) / – / – mm (")



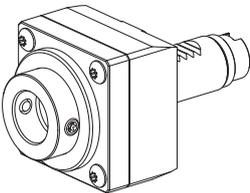
10081050 Drilling unit

Fixation	none
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	internal, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	89 (3.50) / - / - mm (")



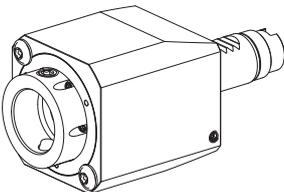
10415684 Drilling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, p_{max} 80 bar
Speed ratio	1:3 (0.333)
X / Y / Z	89.6 (3.53) / - / 35 (1.38) mm (")



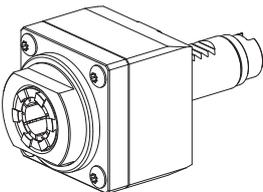
10275970 Drilling unit

Fixation	none
Mounting	WFB 24-16
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	59 (2.32) / - / - mm (")



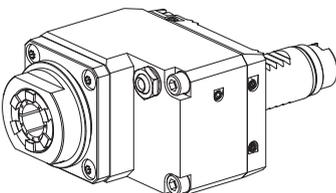
10857273 Drilling unit

Fixation	none
Mounting	WFB 32-20
Cooling	internal, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	90 (3.54) / - / - mm (")



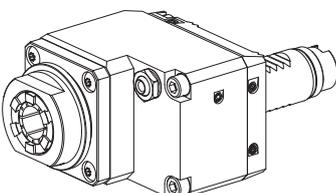
11067030 Milling unit

Fixation	none
Mounting	ER 25
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	67 (2.64) / - / - mm (")



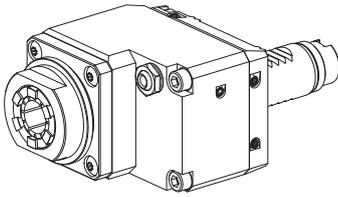
10716400 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external and internal, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	89.9 (3.54) / - / 31 (1.22) mm (")



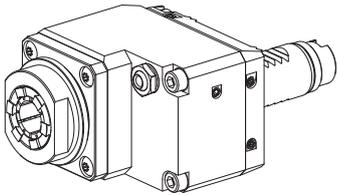
10991401 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	89.9 (3.54) / - / 31 (1.22) mm (")



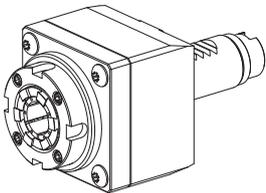
10265219 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external, p_{\max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	89.9 (3.54) / – / 31 (1.22) mm (")



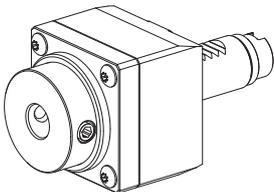
10322749 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external and internal, p_{\max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	89.9 (3.54) / – / 31 (1.22) mm (")



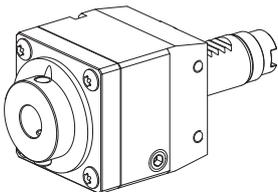
10292861 Milling unit

Fixation	none
Mounting	ER 25 PRECI-FLEX
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	67 (2.64) / – / – mm (")



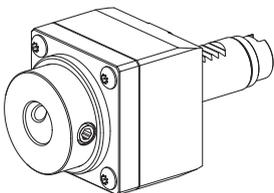
10202307 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	72 (2.83) / – / – mm (")



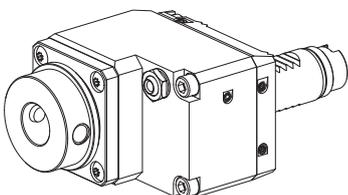
11063004 Milling unit

Fixation	–
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, p_{\max} 20 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	83.5 (3.29) / – / 0 () mm (")



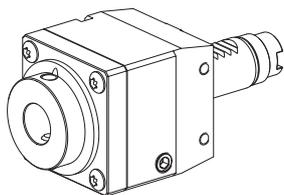
10307933 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	72 (2.83) / – / – mm (")



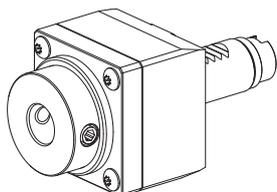
10719900 Milling unit

Fixation	W serration
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	external, p_{\max} 20 bar
Speed ratio	2:1 (2)
X / Y / Z	93 (3.66) / – / 31 (1.22) mm (")



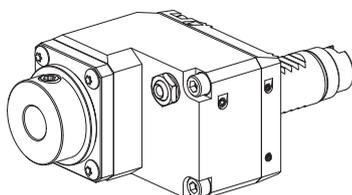
10591979 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	external, p_{\max} 20 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	83.5 (3.29) / - / 0 () mm (")



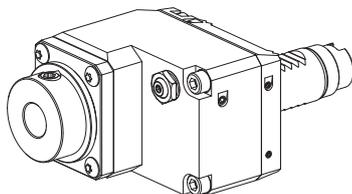
10857236 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D3/4"
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	72 (2.83) / - / - mm (")



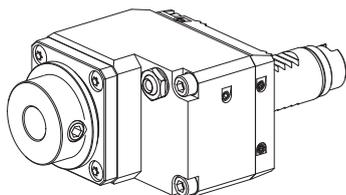
10136933 Milling unit

Fixation	W serration
Mounting	D16 (0.63 ")
Cooling	external, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	92 (3.62) / - / 35 (1.38) mm (")



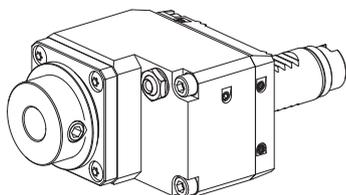
10410570 Milling unit

Fixation	W serration
Mounting	D16 (0.63 ")
Cooling	external and internal, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	92 (3.62) / - / 35 (1.38) mm (")



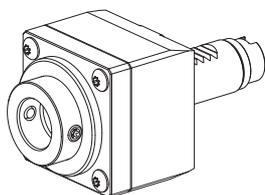
10420233 Milling unit

Fixation	W serration
Mounting	D16 (0.63 ")
Cooling	external and internal, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	93 (3.66) / - / 31 (1.22) mm (")



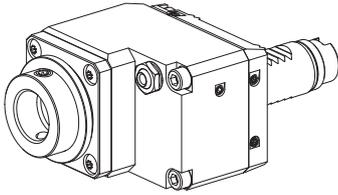
11062897 Milling unit

Fixation	W serration
Mounting	D16 (0.63 ")
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	93 (3.66) / - / 31 (1.22) mm (")



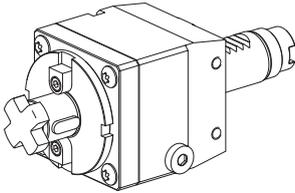
10801026 Milling unit

Fixation	none
Mounting	WFB 24-16
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	69 (2.72) / - / - mm (")



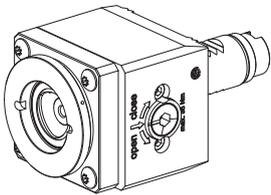
10061745 Milling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	91.4 (3.60) / – / 31 (1.22) mm (")



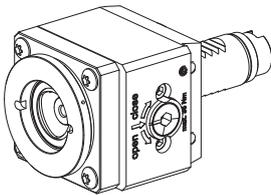
10425512 Milling unit

Fixation	none
Mounting	Milling shaft D22 (0.87 ")
Cooling	external, p_{max} 20 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	73.5 (2.89) / – / 0 () mm (")



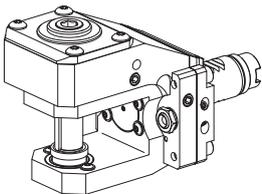
10277256 Milling unit

Fixation	W serration
Mounting	INDEX TRAUB CAPTO C3
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	65 (2.56) / – / – mm (")



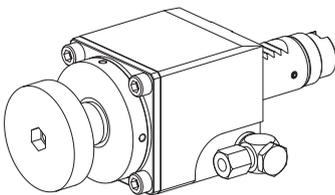
10902254 Milling unit

Fixation	–
Mounting	INDEX TRAUB CAPTO C3
Cooling	external, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	65 (2.56) / – / – mm (")



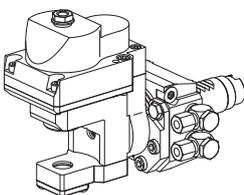
10546310 Circular saw unit

Fixation	W serration
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{max} 80 bar
Speed ratio	3.5:1 (3.5)
X / Y / Z	79 (3.11) / – / – mm (")



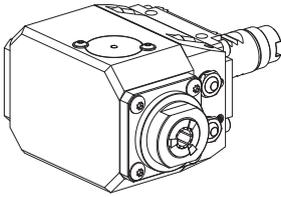
10074535 Grinding unit

Fixation	none
Mounting	D20 (0.79 ")
Cooling	external, p_{max} 20 bar
Speed ratio	1:1 (1)
X / Y / Z	75 (2.95) / – / – mm (")



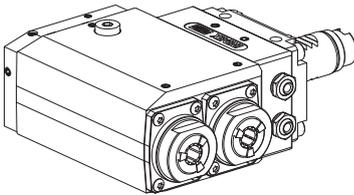
10877481 Gear cutting unit, angle-adjustable

Fixation	W serration
Mounting	–
Cooling	external, p_{max} 40 bar
Speed ratio	2:1 (2)
X / Y / Z	– / – / – mm (")



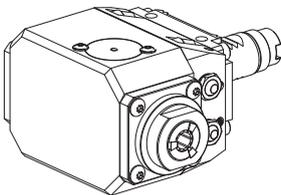
10793977 Drilling unit

Fixation	W serration
Mounting	ER 16
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2.88 (0.347)
X / Y / Z	70 (2.76) / – / 80 (3.15) mm (")



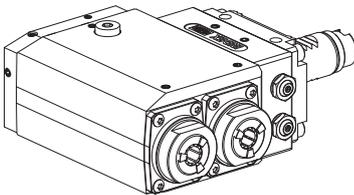
10060010 Drilling unit, double

Fixation	W serration
Mounting	ER 16
Cooling	external, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 + 110 (2.76 + 4.33) / – / 71.3 (2.81) mm (")



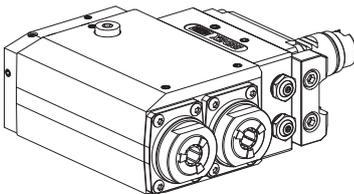
10363369 Drilling unit

Fixation	W serration
Mounting	ER 16
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 (2.76) / – / 80 (3.15) mm (")



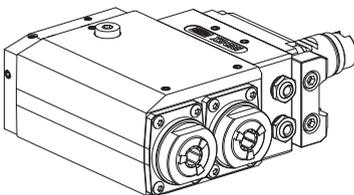
11012062 Drilling unit, double

Fixation	W serration
Mounting	ER 16
Cooling	internal, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 + 110 (2.76 + 4.33) / – / 71.3 (2.81) mm (")



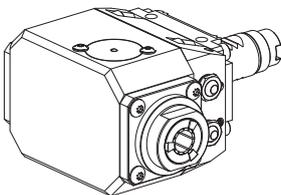
10835935 Drilling unit, double

Fixation	Vee bar
Mounting	ER 16
Cooling	internal, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 + 110 (2.76 + 4.33) / – / 71.3 (2.81) mm (")



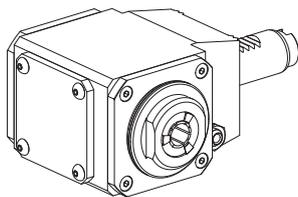
11062605 Drilling unit, double

Fixation	Vee bar
Mounting	ER 16
Cooling	external, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 + 110 (2.76 + 4.33) / – / 71.3 (2.81) mm (")



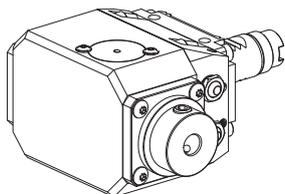
11064426 Drilling unit

Fixation	W serration
Mounting	ER 20
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 (2.76) / – / 80 (3.15) mm (")



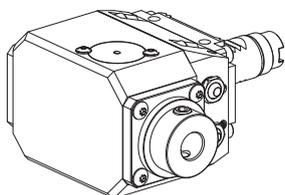
10045870 Drilling unit, double

Fixation	W serration
Mounting	ER 20
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 63 + 59 (2.48 + 2.32) mm (")



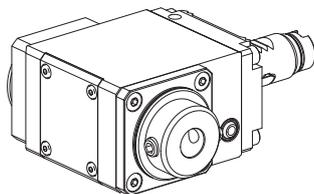
10180528 Drilling unit

Fixation	W serration
Mounting	DIN 1835 B/E D12 (0.47 ")
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2.88 (0.347)
X / Y / Z	70 (2.76) / – / 85.5 (3.37) mm (")



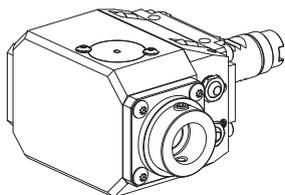
10822454 Drilling unit

Fixation	W serration
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 (2.76) / – / 85.5 (3.37) mm (")



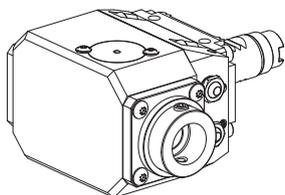
10472438 Drilling unit, vertically adjustable

Fixation	W serration
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, internal optional, p_{\max} 20 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 66 (2.60) mm (")



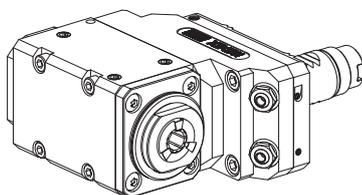
11024822 Drilling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2.88 (0.347)
X / Y / Z	70 (2.76) / – / 82.5 (3.25) mm (")



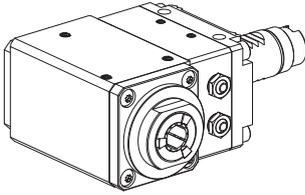
10592359 Drilling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:2 (0.5)
X / Y / Z	70 (2.76) / – / 82.5 (3.25) mm (")



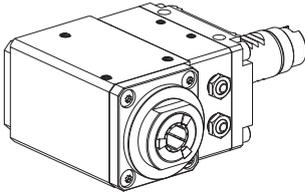
10703139 Milling unit, shifted

Fixation	W serration
Mounting	ER 16
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:3 (0.333)
X / Y / Z	70 (2.76) / – / 22 (0.87) mm (")



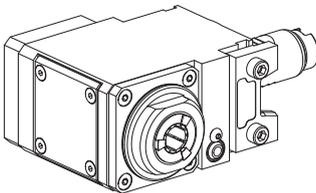
10017916 Milling unit

Fixation	W serration
Mounting	ER 20
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 60.5 (2.38) mm (")



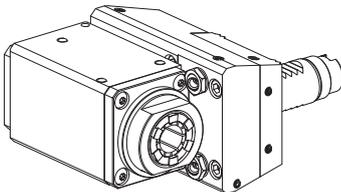
10362884 Milling unit

Fixation	W serration
Mounting	ER 20
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 61 (2.40) mm (")



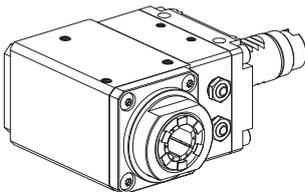
10764640 Milling unit

Fixation	Vee bar
Mounting	ER 20
Cooling	external, internal optional, p_{max} 20 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 53 (2.09) mm (")



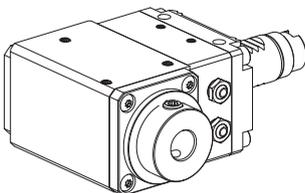
10703086 Milling unit, shifted

Fixation	W serration
Mounting	ER 25
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 22 (0.87) mm (")



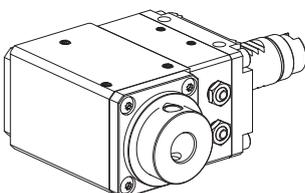
10079110 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 64 (2.52) mm (")



10425542 Milling unit

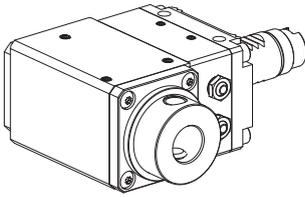
Fixation	W serration
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 67 (2.64) mm (")



10702769 Milling unit

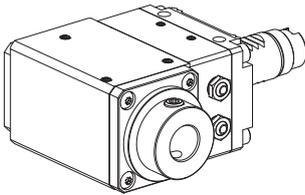
Fixation	W serration
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 67 (2.64) mm (")

Live tool holder Shank VDI25



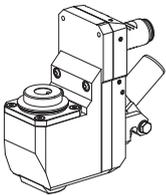
10444044 Milling unit

Fixation	W serration
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / - / 71 (2.80) mm (")



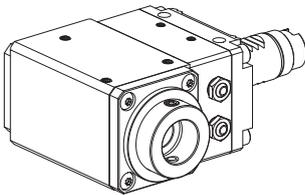
10721543 Milling unit

Fixation	W serration
Mounting	DIN 1835 B/E D3/4"
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	69.5 (2.74) / - / 68.5 (2.70) mm (")



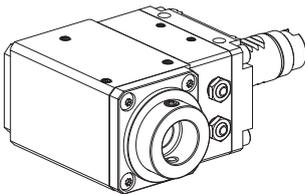
11090804 Milling unit

Fixation	-
Mounting	D16 (0.63 ")
Cooling	external, p_{max} 20 bar
Speed ratio	1:1 (1)
X / Y / Z	75 (2.95) / -30 (-1.18) / 0 () mm (")



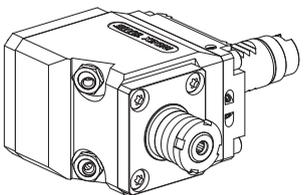
10169413 Milling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / - / 64.5 (2.54) mm (")



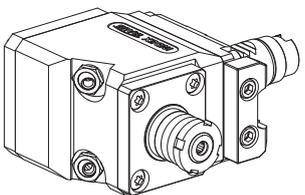
10216902 Milling unit

Fixation	W serration
Mounting	WFB 24-16
Cooling	external, internal optional, p_{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / - / 64.5 (2.54) mm (")



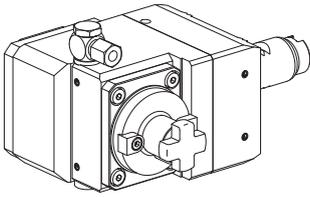
10483871 Milling unit

Fixation	W serration
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{max} 80 bar
Speed ratio	2.5:1 (2.5)
X / Y / Z	55 (2.17) / - / 45 (1.77) mm (")



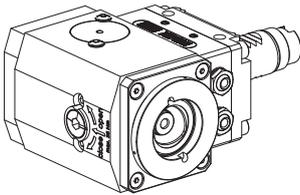
10272736 Milling unit

Fixation	Vee bar
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{max} 80 bar
Speed ratio	2.5:1 (2.5)
X / Y / Z	55 (2.17) / - / 45 (1.77) mm (")



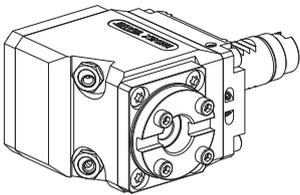
10356214 Milling unit

Fixation	W serration
Mounting	Milling shaft D22 (0.87 ")
Cooling	external, p _{max} 80 bar
Speed ratio	2.5:1 (2.5)
X / Y / Z	75 (2.95) / – / 41 (1.61) mm (")



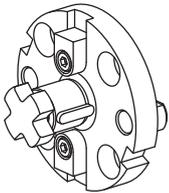
10439862 Milling unit

Fixation	W serration
Mounting	INDEX TRAUB CAPTO C3
Cooling	external, internal optional, p _{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 53.5 (2.11) mm (")



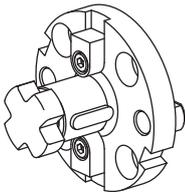
10838926 Milling unit

Fixation	W serration
Mounting	–
Cooling	external, p _{max} 80 bar
Speed ratio	2.5:1 (2.5)
X / Y / Z	55 (2.17) / – / 53 (2.09) mm (")



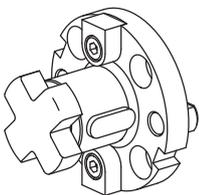
10670447 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D13 (0.51 ")
Cooling	–
X / Y / Z	– / – / – mm (")



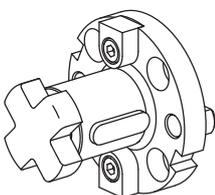
11041286 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D16 (0.63 ")
Cooling	–
X / Y / Z	– / – / – mm (")



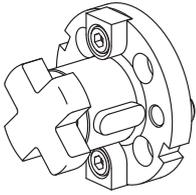
10435497 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D22 (0.87 ")
Cooling	–
X / Y / Z	– / – / – mm (")



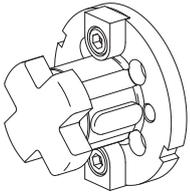
12011567 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D22 (0.87 ")
Cooling	–
X / Y / Z	32.5 (1.28) / – / – mm (")



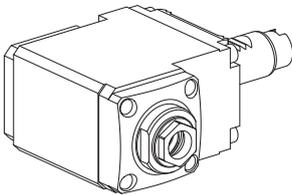
10807705 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D27 (1.06 ")
Cooling	–
X / Y / Z	– / – / – mm (")



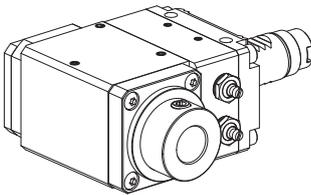
10223928 Milling cutter holding block

Fixation	–
Mounting	Milling shaft D32 (1.26 ")
Cooling	–
X / Y / Z	– / – / – mm (")



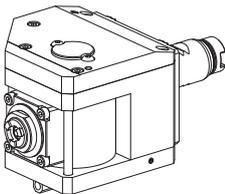
10390037 Tapping unit

Fixation	W serration
Mounting	ER 20
Cooling	external, p _{max} 80 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 69 (2.72) mm (")



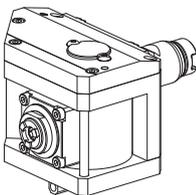
10766208 Broaching/ Slotting unit

Fixation	W serration
Mounting	D20 (0.79 ")
Cooling	external, internal optional, p _{max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / – / 69 (2.72) mm (")



10566421 Drilling unit, angle-adjustable

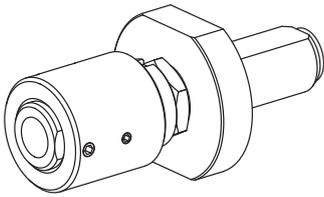
Fixation	W serration
Mounting	ER 11
Cooling	external, p _{max} 80 bar
Speed ratio	1:1.7 (0.588)
X / Y / Z	67 (2.64) / – / 24 (0.94) mm (")



10649706 Drilling unit, angle-adjustable

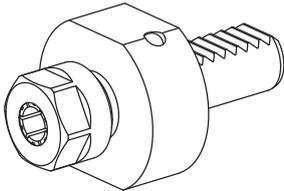
Fixation	W serration
Mounting	ER 11
Cooling	external, p _{max} 80 bar
Speed ratio	1:1.7 (0.588)
X / Y / Z	44 (1.73) / – / 37 (1.46) mm (")

Tool holder to spring-loaded tap holder Shank VDI20



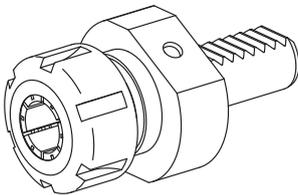
10979044 Bar stop, adjustable, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	49.5 - 71.5 (1.95 - 2.81) / – / – mm (")



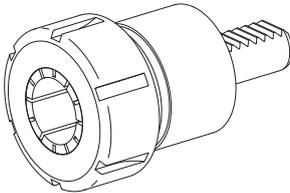
10592190 Drilling tool holder

Fixation	none
Mounting	ER 16
Cooling	internal, p_{\max} 20 bar
X / Y / Z	42.5 (1.67) / – / – mm (")



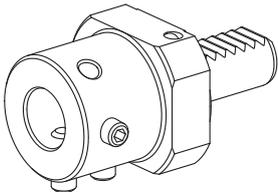
10620002 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 25
Cooling	internal, p_{\max} 80 bar
X / Y / Z	51 (2.01) / – / – mm (")



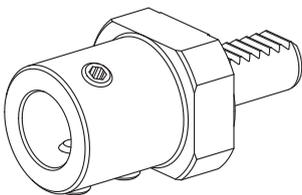
10980163 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 40
Cooling	internal, p_{\max} 20 bar
X / Y / Z	66.5 (2.62) / – / – mm (")



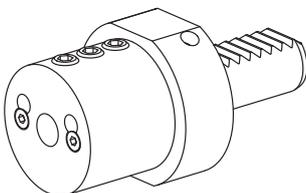
10359056 Drilling tool holder, Form E1

Fixation	none
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	internal, p_{\max} 20 bar
X / Y / Z	48 (1.89) / – / – mm (")



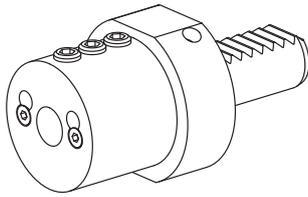
10880044 Drilling tool holder, Form E1

Fixation	none
Mounting	DIN 1835 B/E D25 (0.98 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	56.5 (2.22) / – / – mm (")



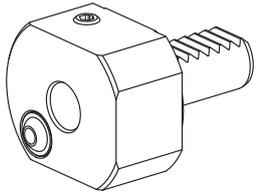
10879047 Drilling tool holder, Form E2

Fixation	none
Mounting	D10 (0.39 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	50 (1.97) / – / – mm (")



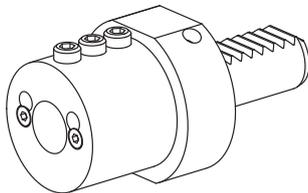
10367178 Drilling tool holder, Form E2

Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	50 (1.97) / - / - mm (")



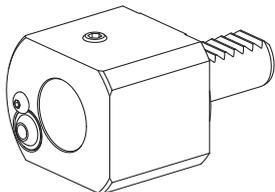
10271806 Drilling tool holder

Fixation	none
Mounting	D15 (0.59 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	26 (1.02) / - / - mm (")



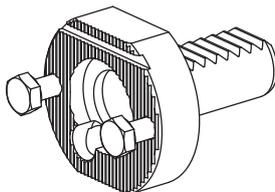
10630888 Drilling tool holder, Form E2

Fixation	none
Mounting	D16 (0.63 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	50 (1.97) / - / - mm (")



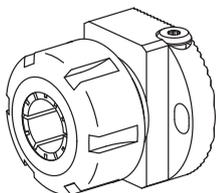
10270233 Drilling tool holder

Fixation	none
Mounting	D25 (0.98 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	43 (1.69) / - / - mm (")



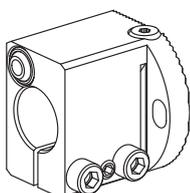
10711364 Basic holder, vertically adjustable

Fixation	none
Mounting	-
Cooling	internal, p_{\max} 20 bar
X / Y / Z	14 (0.55) / - / - mm (")



10285739 Drill holding block

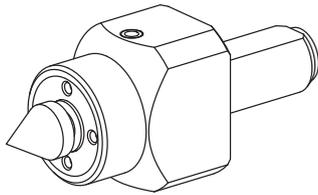
Fixation	-
Mounting	ER 25
Cooling	internal, p_{\max} 20 bar
X / Y / Z	42.5 (1.67) / - / - mm (")



10099852 Drill holding block

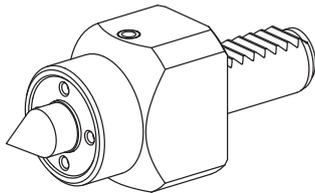
Fixation	-
Mounting	D20 (0.79 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	40 (1.57) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI20



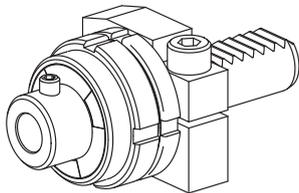
11042772 Center holder, elastic, live, Center replaceble

Fixation	none
Mounting	MK0
Cooling	–
X / Y / Z	66 (2.60) / – / – mm (")



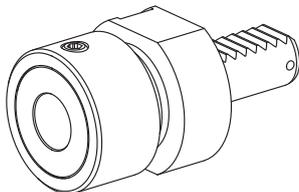
110573888 Center holder, elastic, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	65 (2.56) / – / – mm (")



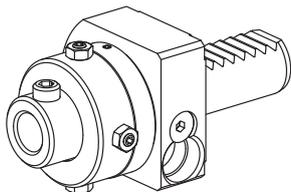
11041774 Tapping tool holder, over-running

Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	56 (2.20) / – / – mm (")



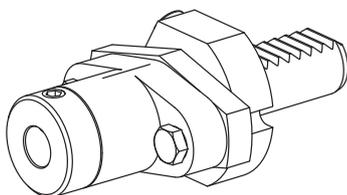
10010548 Tapping tool holder

Fixation	none
Mounting	D18 (0.71 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	50.5 (1.99) / – / – mm (")



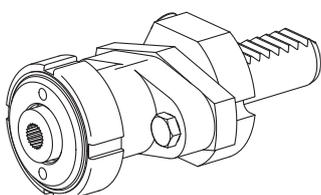
10078189 Reaming tool holder, adjustable

Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	52 (2.05) / – / – mm (")



10061447 Broaching/ Slotting holder, rotating, live

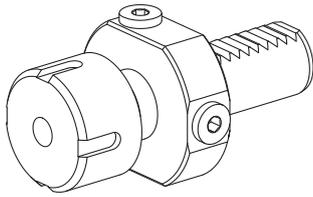
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	66 (2.60) / – / – mm (")



10548417 Broaching/ Slotting holder, rotating, live

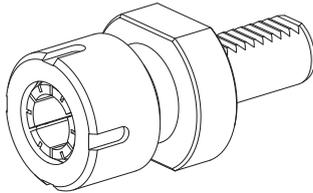
Fixation	none
Mounting	D24 (0.94 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	69 (2.72) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI25



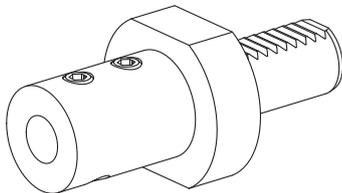
10027773 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 25
Cooling	internal, p_{\max} 40 bar
X / Y / Z	57 (2.24) / - / - mm (")



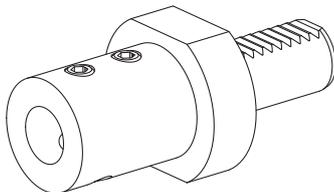
10406859 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 32
Cooling	internal, p_{\max} 80 bar
X / Y / Z	62 (2.44) / - / - mm (")



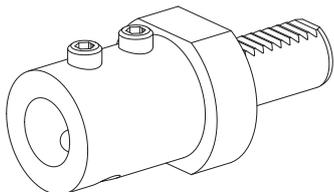
10882358 Drilling tool holder, Form E1

Fixation	none
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	67 (2.64) / - / - mm (")



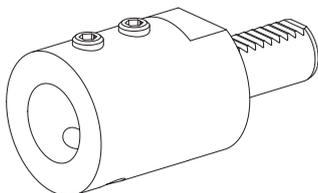
10003339 Drilling tool holder, Form E1

Fixation	none
Mounting	DIN 1835 B/E D20 (0.79 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	67 (2.64) / - / - mm (")



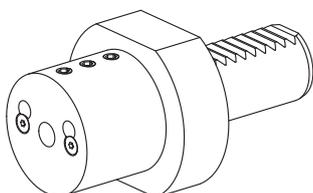
10340141 Drilling tool holder, Form E1

Fixation	none
Mounting	DIN 1835 B/E D25 (0.98 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	71 (2.80) / - / - mm (")



10919291 Drilling tool holder, Form E1

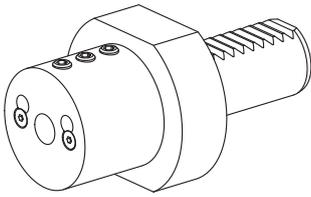
Fixation	none
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	74 (2.91) / - / - mm (")



10058371 Drilling tool holder, Form E2

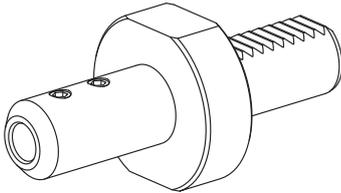
Fixation	none
Mounting	D8 (0.31 ")
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI25



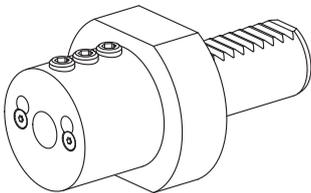
10503585 Drilling tool holder, Form E2

Fixation	none
Mounting	D10 (0.39 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")



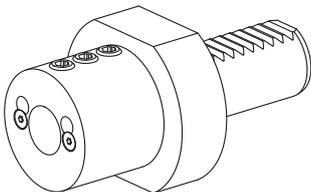
10773801 Drilling tool holder, Specially for the marking tool WriteStar

Fixation	none
Mounting	D12 (0.47 ")
Cooling	-
X / Y / Z	68 (2.68) / - / - mm (")



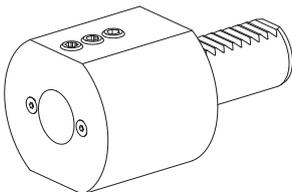
10983815 Drilling tool holder, Form E2

Fixation	none
Mounting	D12 (0.47 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")



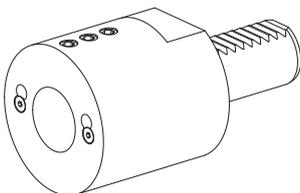
10471993 Drilling tool holder, Form E2

Fixation	none
Mounting	D16 (0.63 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")



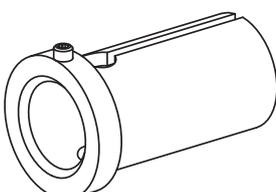
10749389 Drilling tool holder, Form E2

Fixation	none
Mounting	D20 (0.79 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")



10329247 Drilling tool holder, Form E2

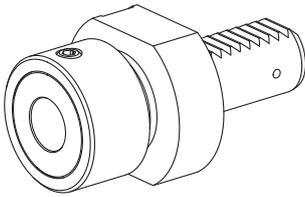
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	60 (2.36) / - / - mm (")



10208692 Compensation bushing

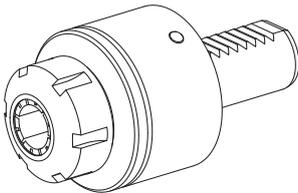
Fixation	none
Mounting	D3/4"
Cooling	-
X / Y / Z	6 (0.24) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI25



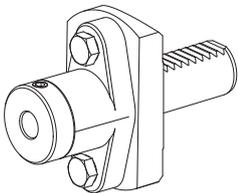
10467520 Tapping tool holder, extendable

Fixation	none
Mounting	DIN 1835 B/E D18 (0.71 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	50 (1.97) / - / - mm (")



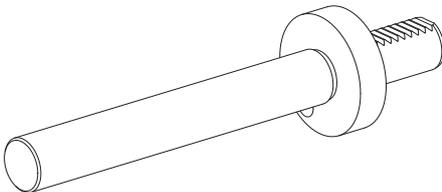
10365449 Reaming tool holder

Fixation	none
Mounting	ER 25
Cooling	internal, p_{\max} 20 bar
X / Y / Z	61 (2.40) / - / - mm (")



10252714 Broaching/ Slotting holder, rotating, live

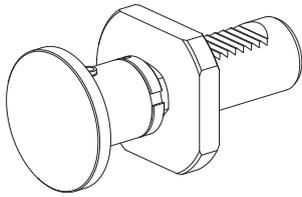
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10489412 Calibrating tool

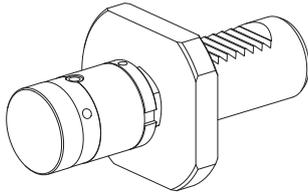
Fixation	none
Mounting	-
Cooling	-
X / Y / Z	190 (7.48) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI30



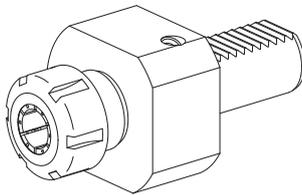
10428174 Bar stop, adjustable, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	60 - 97 (2.36 - 3.82) / – / – mm (")



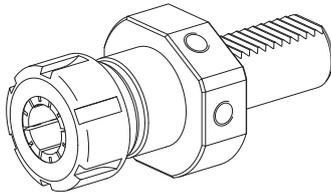
10679593 Bar stop, adjustable, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	60 - 97 (2.36 - 3.82) / – / – mm (")



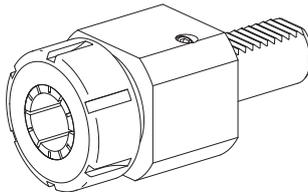
10424888 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 25
Cooling	internal, p _{max} 80 bar
X / Y / Z	68 (2.68) / – / – mm (")



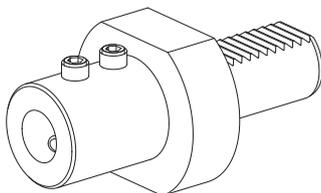
10453838 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 32
Cooling	internal, p _{max} 20 bar
X / Y / Z	76 (2.99) / – / – mm (")



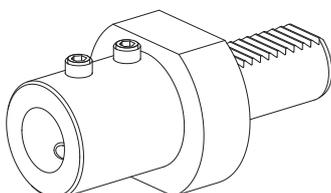
10239645 Drilling tool holder, Form E4

Fixation	none
Mounting	ER 40
Cooling	internal, p _{max} 80 bar
X / Y / Z	80 (3.15) / – / – mm (")



10502799 Drilling tool holder, Form E1

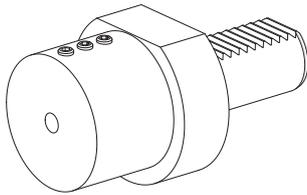
Fixation	none
Mounting	DIN 1835 E D20 (0.79 ")
Cooling	internal, p _{max} 80 bar
X / Y / Z	67 (2.64) / – / – mm (")



10659026 Drilling tool holder, Form E1

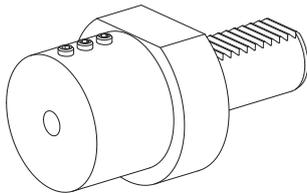
Fixation	none
Mounting	DIN 1835 E D25 (0.98 ")
Cooling	internal, p _{max} 80 bar
X / Y / Z	71 (2.80) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI30



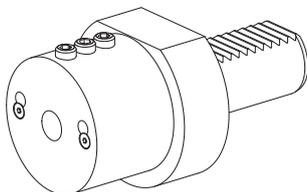
10168049 Drilling tool holder, Form E2

Fixation	none
Mounting	D8 (0.31 ")
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



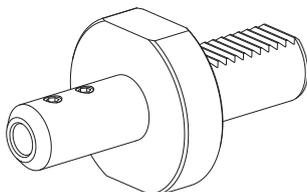
10364335 Drilling tool holder, Form E2

Fixation	none
Mounting	D10 (0.39 ")
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



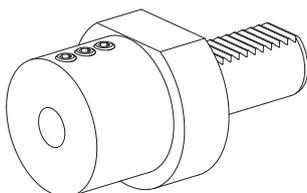
10240059 Drilling tool holder, Form E2

Fixation	none
Mounting	D12 (0.47 ")
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



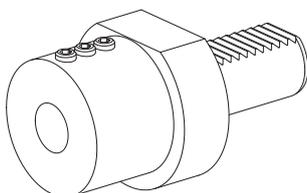
11043672 Drilling tool holder, Specially for the marking tool WriteStar

Fixation	none
Mounting	D12 (0.47 ")
Cooling	-
X / Y / Z	68 (2.68) / - / - mm (")



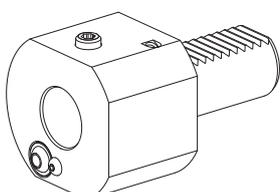
10298106 Drilling tool holder, Form E2

Fixation	none
Mounting	D16 (0.63 ")
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10806859 Drilling tool holder, Form E2

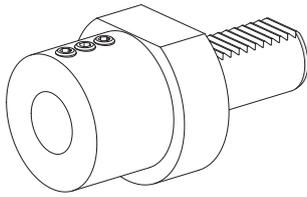
Fixation	none
Mounting	D20 (0.79 ")
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10040148 Drilling tool holder

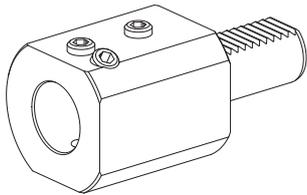
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{max} 40 bar
X / Y / Z	45 (1.77) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI30



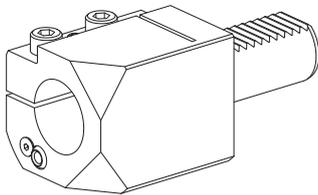
10175060 Drilling tool holder, Form E2

Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



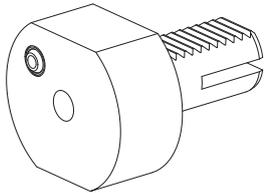
10601688 Drilling tool holder

Fixation	none
Mounting	D32 (1.26 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	73 (2.87) / - / - mm (")



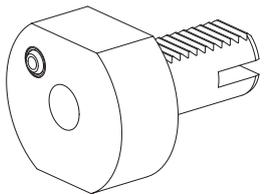
11055569 Drilling tool holder, Form E2

Fixation	none
Mounting	D32 (1.26 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	70 (2.76) / - / - mm (")



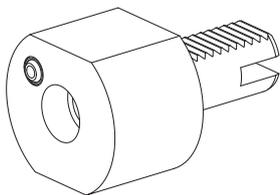
10631335 Drilling tool holder

Fixation	none
Mounting	MK1
Cooling	external, p_{\max} 20 bar
X / Y / Z	30 (1.18) / - / - mm (")



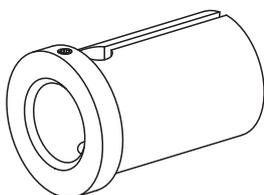
10550804 Drilling tool holder

Fixation	none
Mounting	MK2
Cooling	external, p_{\max} 20 bar
X / Y / Z	27 (1.06) / - / - mm (")



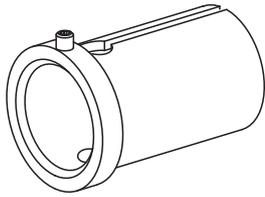
10677499 Drilling tool holder

Fixation	none
Mounting	MK3
Cooling	external, p_{\max} 20 bar
X / Y / Z	45 (1.77) / - / - mm (")



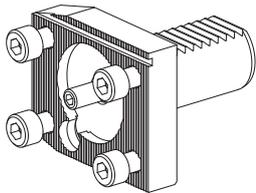
10921732 Compensation bushing

Fixation	none
Mounting	D3/4"
Cooling	-
X / Y / Z	6 (0.24) / - / - mm (")



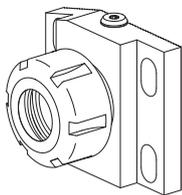
11033529 Compensation bushing

Fixation	none
Mounting	D1"
Cooling	–
X / Y / Z	6 (0.24) / – / – mm (")



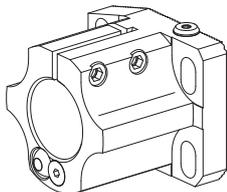
10217247 Basic holder, vertically adjustable

Fixation	none
Mounting	–
Cooling	external, p_{\max} 20 bar
X / Y / Z	14 (0.55) / – / – mm (")



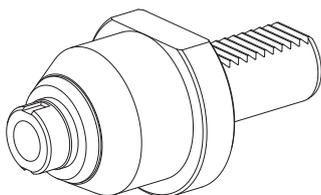
10374519 Drill holding block

Fixation	–
Mounting	ER 25
Cooling	–, p_{\max} 40 bar
X / Y / Z	30 (1.18) / – / – mm (")



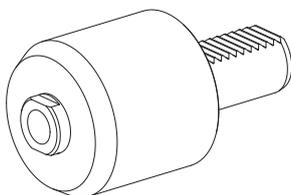
10193528 Drill holding block

Fixation	–
Mounting	D32 (1.26 ")
Cooling	–, p_{\max} 40 bar
X / Y / Z	57 (2.24) / – / – mm (")



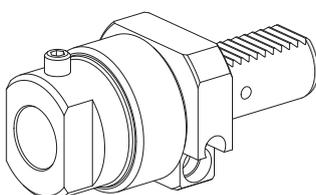
10387522 Center holder, elastic, live

Fixation	none
Mounting	D15.4 (0.61 ") / Cone 1:7.5
Cooling	–
X / Y / Z	68.5 (2.70) / – / – mm (")



10593935 Center holder, live

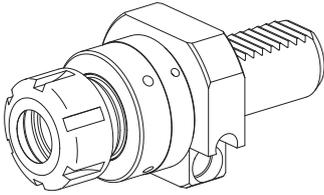
Fixation	none
Mounting	D15.4 (0.61 ") / Cone 1:7.5
Cooling	–
X / Y / Z	69.5 (2.74) / – / – mm (")



10301384 Tapping tool holder, extendable

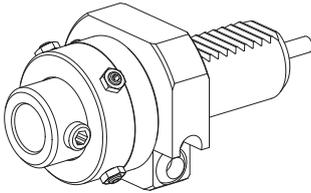
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	73 (2.87) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI30



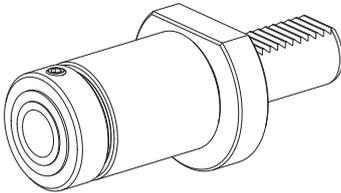
10894326 Reaming tool holder, adjustable

Fixation	none
Mounting	ER 25
Cooling	external, p_{\max} 20 bar
X / Y / Z	73.5 (2.89) / - / - mm (")



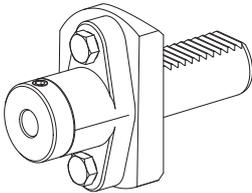
11041243 Reaming tool holder, adjustable

Fixation	none
Mounting	D18 (0.71 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	59 (2.32) / - / - mm (")



10459517 Reaming tool holder, self-centering

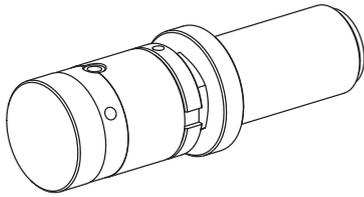
Fixation	none
Mounting	D20 (0.79 ")
Cooling	internal, p_{\max} 40 bar
X / Y / Z	93 (3.66) / - / - mm (")



10929722 Broaching/ Slotting holder, rotating, live

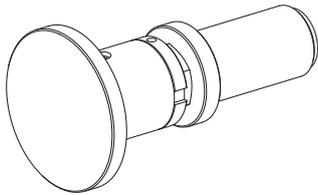
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")

Tool holder to spring-loaded tap holder Shank 1"



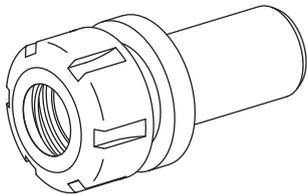
10142581 Bar stop, adjustable, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	58 - 94 (2.28 - 3.70) / – / – mm (")



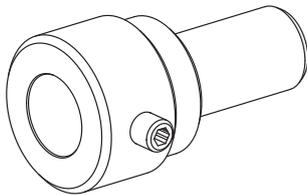
10866327 Bar stop, adjustable, live

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	58 - 94 (2.28 - 3.70) / – / – mm (")



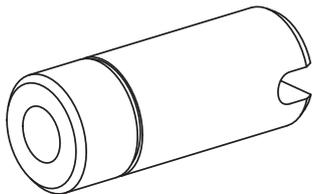
10884174 Drilling tool holder

Fixation	none
Mounting	ER 25
Cooling	–
X / Y / Z	22 (0.87) / – / – mm (")



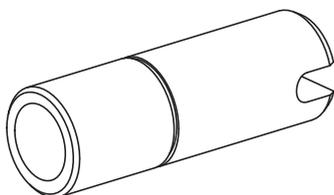
10036301 Drilling tool holder

Fixation	none
Mounting	D25 (0.98 ")
Cooling	–
X / Y / Z	40 (1.57) / – / – mm (")



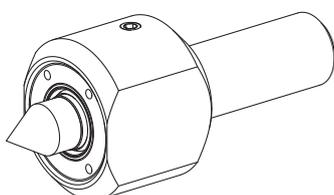
11061115 Drilling tool holder

Fixation	none
Mounting	MK1
Cooling	–
X / Y / Z	16 (0.63) / – / – mm (")



10083633 Drilling tool holder

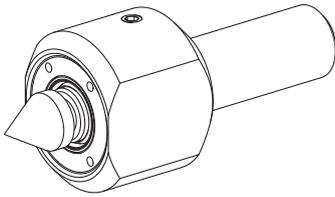
Fixation	none
Mounting	MK2
Cooling	–
X / Y / Z	29 (1.14) / – / – mm (")



10886503 Center holder, elastic, live

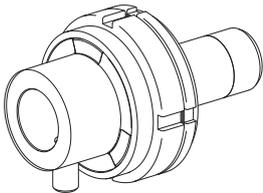
Fixation	none
Mounting	D18 (0.71 ")
Cooling	–
X / Y / Z	72.5 (2.85) / – / – mm (")

Tool holder to spring-loaded tap holder Shank 1"



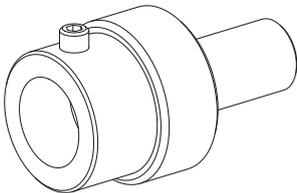
10816897 Center holder, elastic, live

Fixation	none
Mounting	MK1
Cooling	–
X / Y / Z	72.5 (2.85) / – / – mm (")



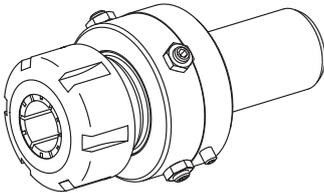
10390181 Tapping tool holder, over-running

Fixation	none
Mounting	D25 (0.98 ")
Cooling	–
X / Y / Z	56 (2.20) / – / – mm (")



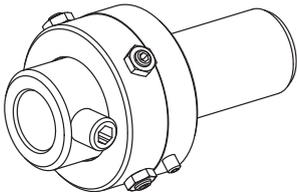
10628055 Tapping tool holder, extendable

Fixation	none
Mounting	D25 (0.98 ")
Cooling	–
X / Y / Z	52 (2.05) / – / – mm (")



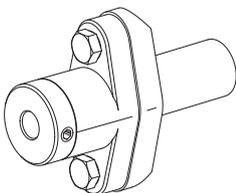
10631262 Reaming tool holder, adjustable

Fixation	none
Mounting	ER 25
Cooling	–
X / Y / Z	55 (2.17) / – / – mm (")



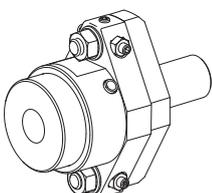
10448325 Reaming tool holder, adjustable

Fixation	none
Mounting	D18 (0.71 ")
Cooling	–
X / Y / Z	41 (1.61) / – / – mm (")



10826026 Broaching/ Slotting holder, rotating, live

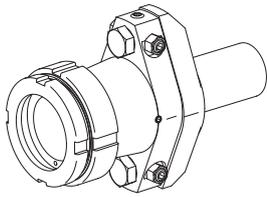
Fixation	none
Mounting	D12 (0.47 ")
Cooling	–
X / Y / Z	58 (2.28) / – / – mm (")



10913831 Broaching/ Slotting holder, rotating, live

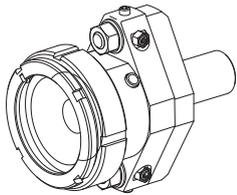
Fixation	none
Mounting	D20 (0.79 ")
Cooling	–
X / Y / Z	76 (2.99) / – / – mm (")

Tool holder to spring-loaded tap holder Shank 1"



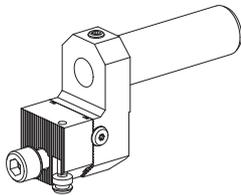
10281269 Broaching/ Slotting holder, rotating, live

Fixation	none
Mounting	D40 (1.57 ")
Cooling	–
X / Y / Z	78 - 88 (3.07 - 3.46) / – / – mm (")



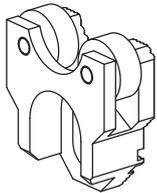
11062082 Broaching/ Slotting holder

Fixation	none
Mounting	D50 (1.97 ")
Cooling	–
X / Y / Z	80 - 90 (3.15 - 3.54) / – / – mm (")



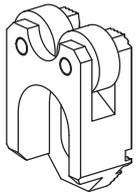
10929225 Guide holder

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	57 (2.24) / – / – mm (")



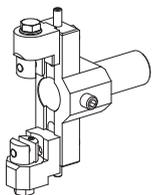
10665432 Roller holding block, adjustable

Fixation	–
Mounting	–
Cooling	–
X / Y / Z	– / – / – mm (")



11002956 Roller holding block, adjustable

Fixation	–
Mounting	–
Cooling	–
X / Y / Z	– / – / – mm (")



10722345 Knurling tool holder, adjustable

Fixation	none
Mounting	D6-36 (0.24 "-1.24 ")
Cooling	–
X / Y / Z	– / – / – mm (")



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