



INDEX ABC

Tool holder

Overview

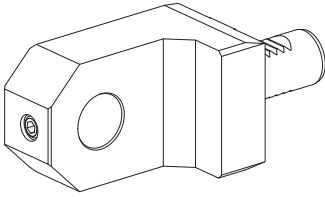
Note on applicability

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

A word on copyright

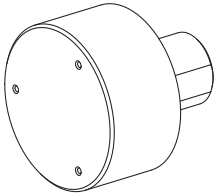
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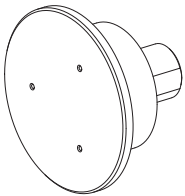
10505133 Bar stop, live

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



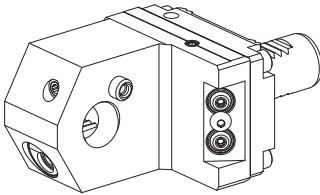
10900227 Bar stop, live

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



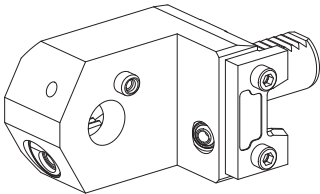
10452051 Bar stop, live

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



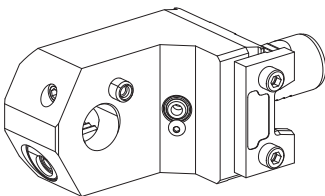
10558089 Compensation holder

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



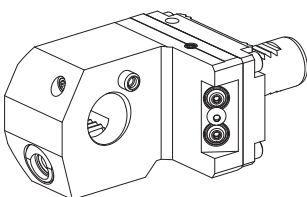
10592401 Compensation holder

Fixation	Vee bar
Mounting	VDI 20
Cooling	external and internal, p_{max} 40 bar
X / Y / Z	60 (2.36) / – / 2 (0.08) mm (")



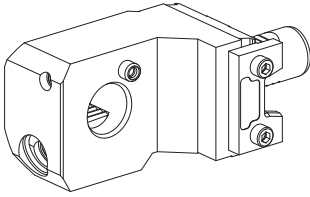
10670405 Compensation holder

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



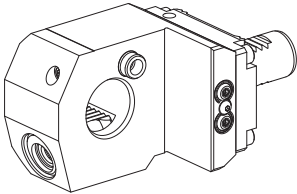
10845238 Compensation holder

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



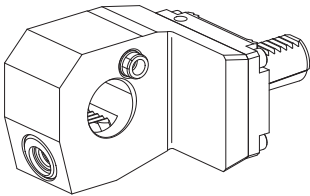
10849685 Compensation holder

Fixation Vee bar
Mounting VDI 25
Cooling internal, p_{\max} 80 bar
X / Y / Z 70 (2.76) / - / 2 (0.08) mm (")



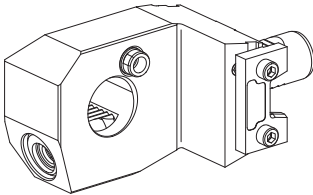
10054233 Compensation holder

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



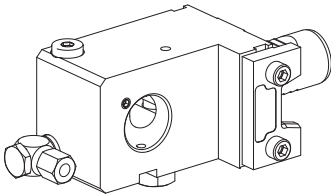
10660913 Compensation holder, vertically adjustable

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



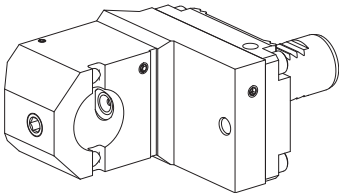
10564702 Compensation holder

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



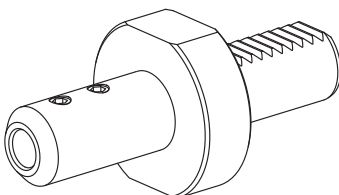
10404809 Compensation holder

Fixation Vee bar
Mounting D1"
Cooling external, p_{\max} 80 bar
X / Y / Z 60 (2.36) / - / 15 (0.59) mm (")



10428102 Compensation holder

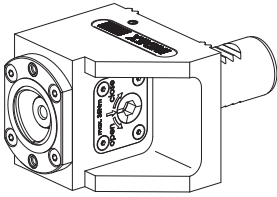
Fixation W serration
Mounting ABS 50
Cooling internal, p_{\max} 80 bar
X / Y / Z 70 (2.76) / - / -8 (-0.31) mm (")



10773801 Drilling tool holder, Specially for the marking tool WriteStar

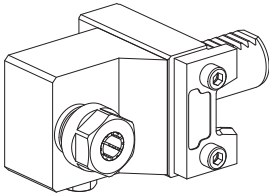
Fixation none
Mounting D12 (0.47 ")
Cooling -
X / Y / Z 68 (2.68) / - / - mm (")

Stationary tool holder Shank VDI25



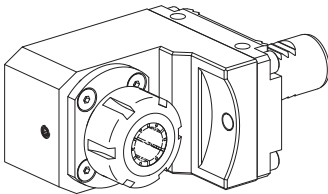
10265902 Drilling tool holder

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



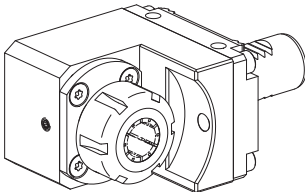
10950356 Drilling tool holder

Fixation	Vee bar
Mounting	ER 16
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / – / – mm (")



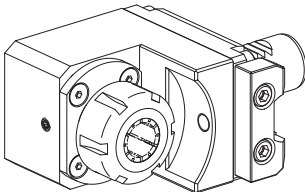
10545041 Drilling tool holder

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



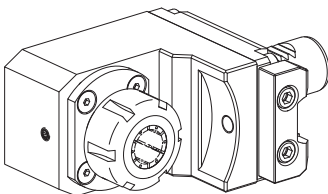
10873055 Drilling tool holder

Fixation	W serration
Mounting	ER 25
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	60 (2.36) / – / 31 (1.22) mm (")



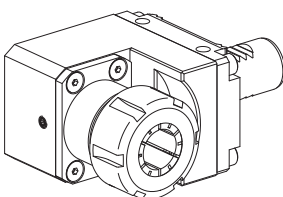
10767879 Drilling tool holder

Fixation	Vee bar
Mounting	ER 25
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	60 (2.36) / – / 31 (1.22) mm (")



10837952 Drilling tool holder

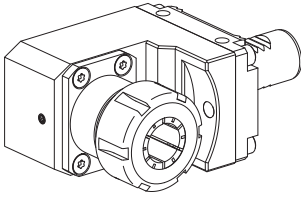
Fixation	Vee bar
Mounting	ER 25
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / – / 31 (1.22) mm (")



10306255 Drilling tool holder

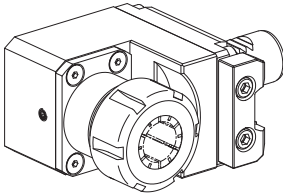
Fixation	W serration
Mounting	ER 32
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	60 (2.36) / – / 52 (2.05) mm (")

Stationary tool holder Shank VDI25



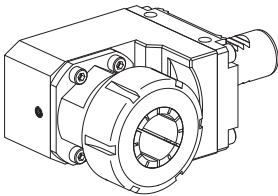
10569878 Drilling tool holder

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



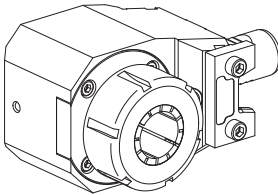
10603828 Drilling tool holder

Fixation	Vee bar
Mounting	ER 32
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	60 (2.36) / – / 52 (2.05) mm (")



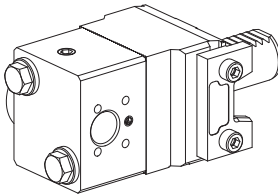
10507494 Drilling tool holder

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 (")



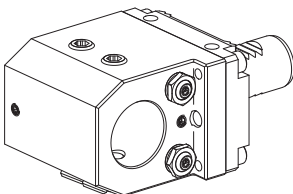
10057365 Drilling tool holder

Fixation	Vee bar
Mounting	ER 40
Cooling	external and internal, p_{max} 40 bar
X / Y / Z	70 (2.76) / – / 55 (2.17) mm (")



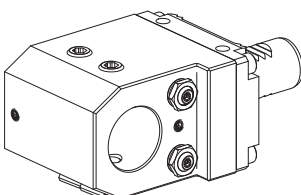
10648867 Drilling tool holder, vertically adjustable

Fixation	Vee bar
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	internal, p_{max} 80 bar
X / Y / Z	70 (2.76) / – / 25 (0.98) mm (")



10185704 Drilling tool holder

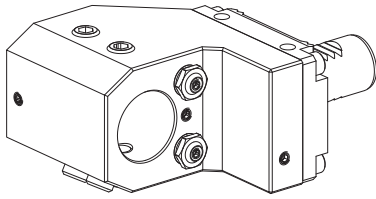
Fixation	W serration
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	60 (2.36) / – / 30 (1.18) mm (")



10712278 Drilling tool holder

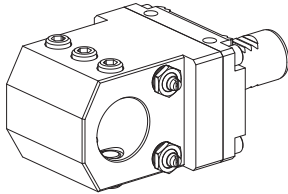
Fixation	W serration
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	70 (2.76) / – / 30 (1.18) mm (")

Stationary tool holder Shank VDI25



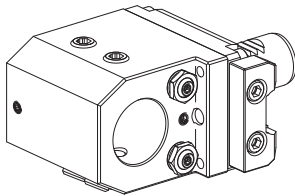
10894414 Drilling tool holder

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 (")



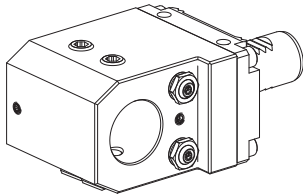
11020232 Drilling tool holder

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 (")



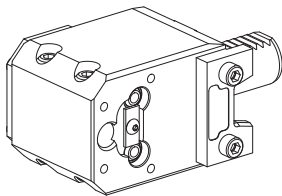
10735514 Drilling tool holder

Fixation	Vee bar
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 (")



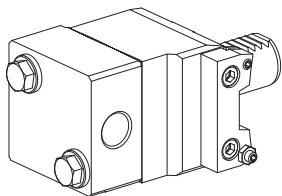
10017019 Drilling tool holder

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 (")



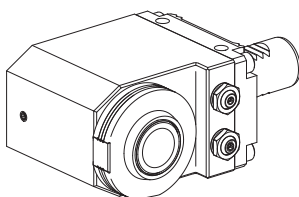
10954878 Drilling tool holder

Fixation	Vee bar
Mounting	D12 (0.47 ")
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	70 (2.76) / - / 30 (1.18) mm (")



10823660 Drilling tool holder, vertically adjustable

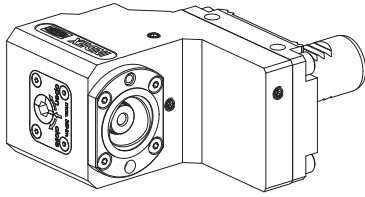
Fixation	Setting gauge
Mounting	D16 (0.63 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	60 (2.36) / ± 1.5 (± 0.06) / 30 (1.18) mm (")



10085291 Drilling tool holder

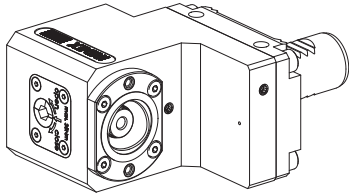
Fixation	W serration
Mounting	Hydraulic expansion chuck D20
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	70 (2.76) / - / 48 (1.89) mm (")

Stationary tool holder Shank VDI25



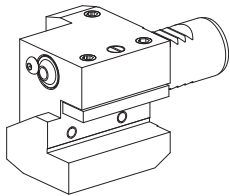
10038299 Drilling tool holder

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



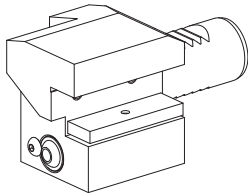
10705777 Drilling tool holder

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



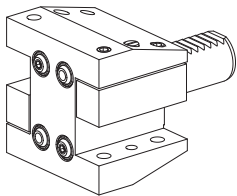
10593252 Turning tool holder, Form C1/C4

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



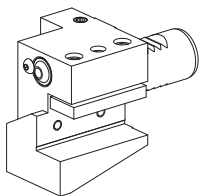
11033174 Turning tool holder, Form C2/C3

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



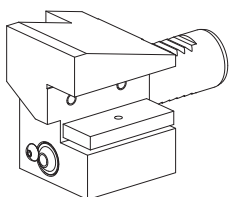
10199711 Turning tool holder, double

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



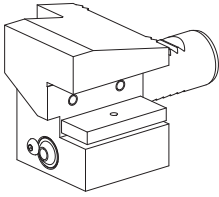
10443801 Turning tool holder, Form C1/C4

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



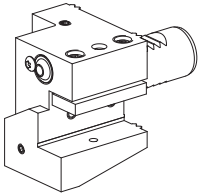
10940870 Turning tool holder, Form C2/C3

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



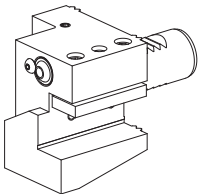
10252236 Turning tool holder, Form C2/C3

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



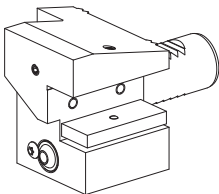
10326998 Turning tool holder, Form C1/C4

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



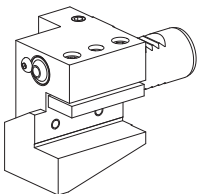
10583476 Turning tool holder, Form C1/C4

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



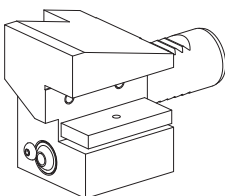
11095063 Turning tool holder, Form C2/C3

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



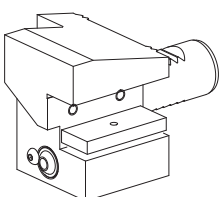
10345003 Turning tool holder, Form C1/C4

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



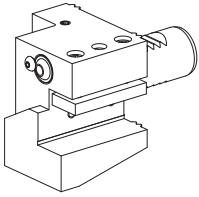
11064321 Turning tool holder, Form C2/C3

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



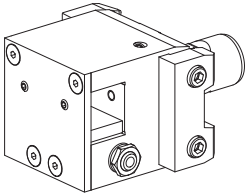
10042128 Turning tool holder, Form C2/C3

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



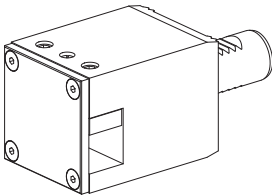
10295890 Turning tool holder, Form C1/C4

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



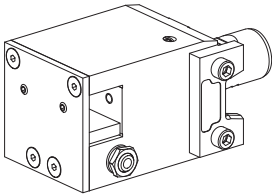
10385115 Turning tool holder

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



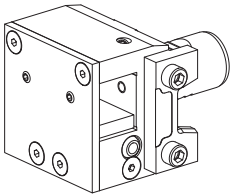
10169442 Turning tool holder

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



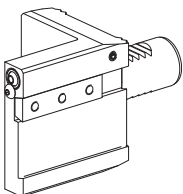
10578028 Turning tool holder

Fixation	Vee bar
Mounting	square 20x20
Cooling	external, p_{\max} 80 bar
X / Y / Z	60 (2.36) / – / 30 (1.18) mm (")



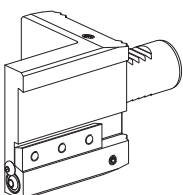
10653020 Turning tool holder

Fixation	Vee bar
Mounting	square 20x20
Cooling	external, p_{\max} 80 bar
X / Y / Z	18.5 (0.73) / – / 30 (1.18) mm (")



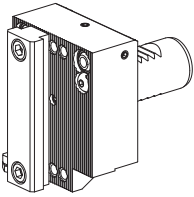
10222400 Grooving tool holder

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



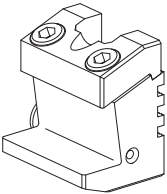
10304690 Grooving tool holder

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



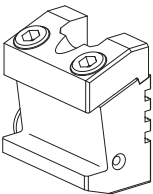
10758898 Basic holder, Contour plunging tool holder

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



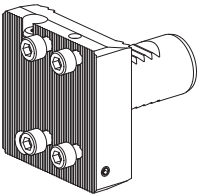
10463581 Grooving tool holding block, vertically adjustable

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



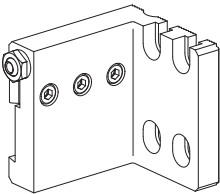
10607061 Grooving tool holding block, vertically adjustable

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



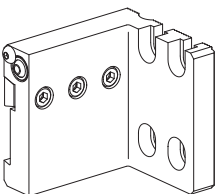
10266235 Basic holder, vertically adjustable

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



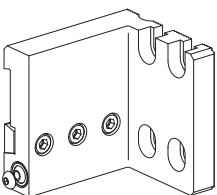
11094517 Stechhaltestück, vertikal einstellbar

Fixierung	–
Aufnahme	Trapez 26x4
Kühlung	außen und innen, p_{\max} 80 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm (")



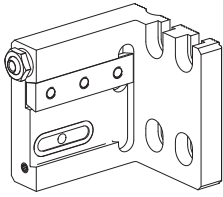
10498677 Grooving tool holding block, vertically adjustable

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



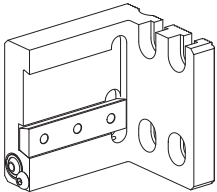
10668867 Grooving tool holding block, vertically adjustable

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



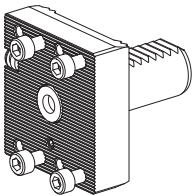
11094518 Stechhaltestück, vertikal einstellbar

Fixierung	–
Aufnahme	Trapez 26x4
Kühlung	außen und innen, p_{\max} 80 bar
X / Y / Z	63 / $\pm 1,5$ / 58 mm (")



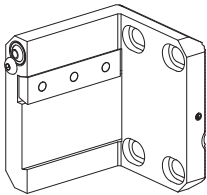
10804363 Grooving tool holding block, vertically adjustable

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



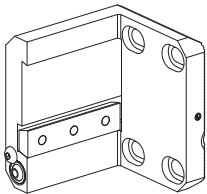
10743913 Basic holder, horizontally adjustable

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



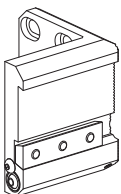
10451779 Grooving tool holding block, horizontally adjustable

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



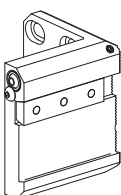
10634677 Grooving tool holding block, horizontally adjustable

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



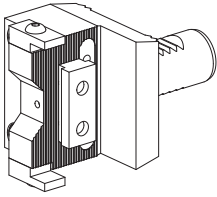
10154506 Grooving tool holding block, horizontally adjustable

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



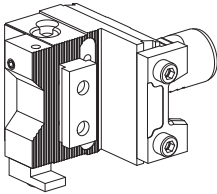
10532047 Grooving tool holding block, horizontally adjustable

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



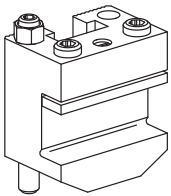
10807382 Basic holder, vertically adjustable

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



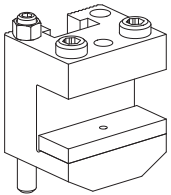
10928593 Basic holder, vertically adjustable

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



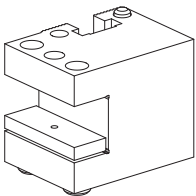
10331903 Grooving tool holding block, vertically adjustable

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



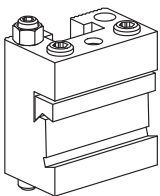
10770991 Grooving tool holding block, vertically adjustable

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



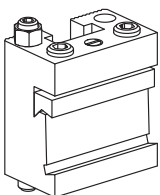
11004141 Grooving tool holding block, vertically adjustable

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



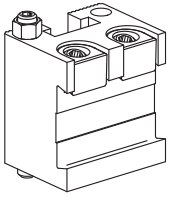
10531179 Grooving tool holding block, vertically adjustable

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



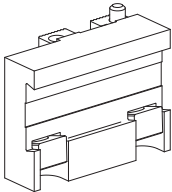
10518257 Grooving tool holding block, vertically adjustable

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



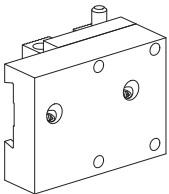
10227285 Grooving tool holding block, vertically adjustable

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



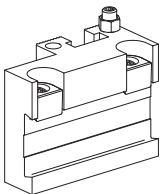
10049220 Grooving tool holding block, vertically adjustable

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



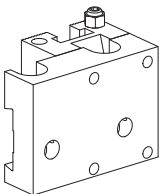
10787914 Grooving tool holding block, vertically adjustable

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



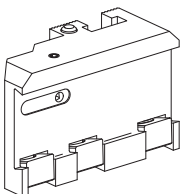
10410270 Grooving tool holding block, vertically adjustable

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



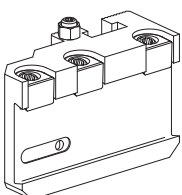
10777825 Grooving tool holding block, vertically adjustable

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



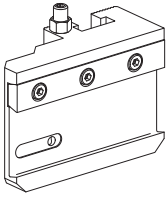
10269671 Grooving tool holding block, vertically adjustable

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



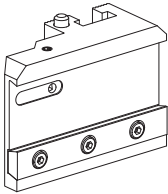
10778011 Grooving tool holding block, vertically adjustable

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



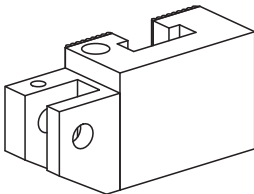
10500323 Grooving tool holding block, vertically adjustable

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



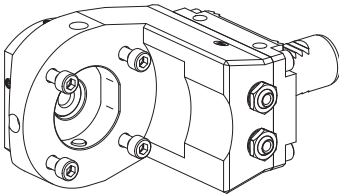
11026512 Grooving tool holding block, vertically adjustable

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



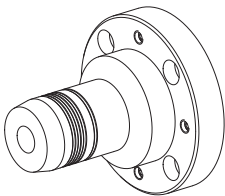
10442459 Knurling tool holding block

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



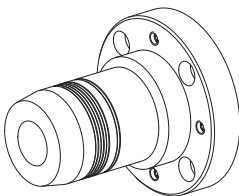
10884330 Basic holder

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



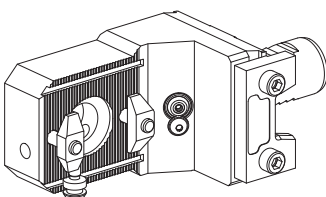
10339021 Drill holding block

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



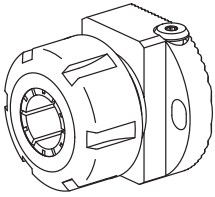
10090979 Drill holding block

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



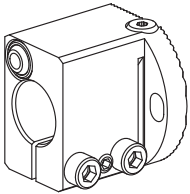
10448204 Basic holder

Fixation	Vee bar
Mounting	–
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	70 (2.76) / – / -5 (-0.20) mm (")



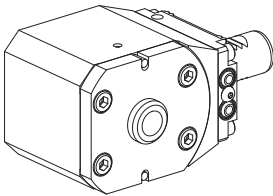
10285739 Drill holding block

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



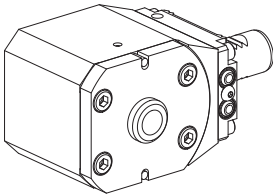
10099852 Drill holding block

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



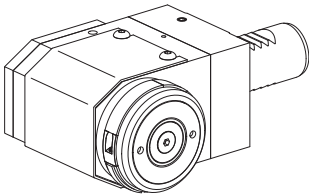
10030527 Center holder, vertically adjustable, not spring-loaded

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 (")



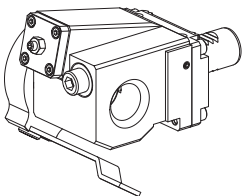
10044237 Center holder, vertically adjustable, spring-loaded

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 (")



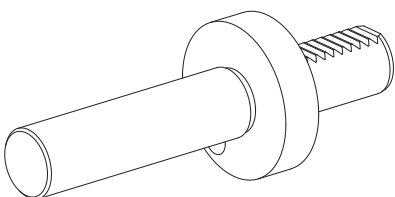
10578860 Embossing roll holder

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



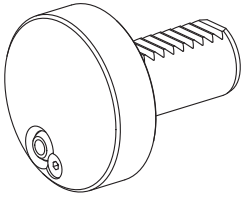
10550535 Closing tool holder

Fixation	W serration
Mounting	D25 (0.98 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	65 (2.56) / – / 36.5 (1.44) mm (")



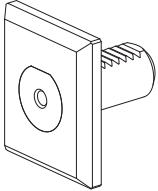
10880480 Calibrating tool

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	110 (4.33) / – / – mm (")



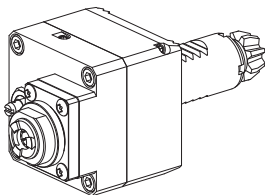
10970015 Coolant nozzle

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



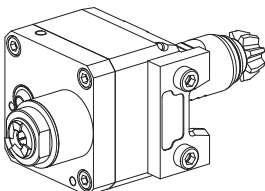
10396777 Blanking plug

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



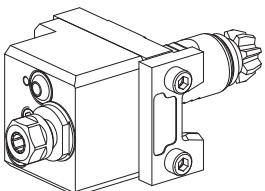
10348092 Drilling unit

Fixation	W serration
Mounting	ER 11
Cooling	external, p_{\max} 80 bar
Speed ratio	1:3 (0.333)
X / Y / Z	75 (2.95) / – / 15 (0.59) mm (")



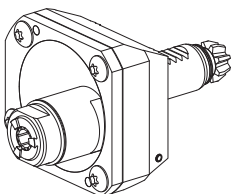
10271046 Drilling unit

Fixation	Vee bar
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 (")



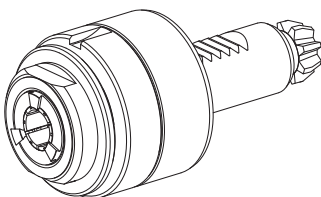
10077056 Drilling unit

Fixation	Vee bar
Mounting	ER 11
Cooling	external, p_{\max} 20 bar
Speed ratio	1:1.33 (0.75)
X / Y / Z	70 (2.76) / – / 17.5 (0.69) mm (")



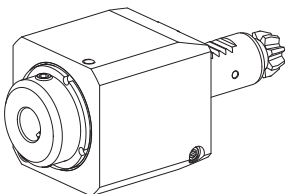
10152559 Drilling unit, vertically adjustable

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 (± 0.98) / 22.5 (0.89) mm (")



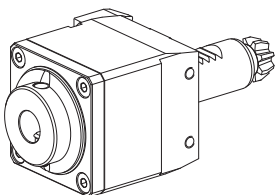
11029935 Drilling unit

Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	54 (2.13) / – / 0 () mm (")



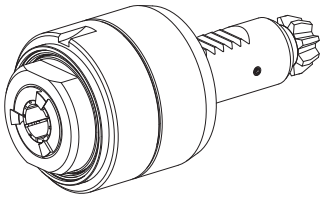
10151509 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	84 (3.31) / – / 0 () mm (")



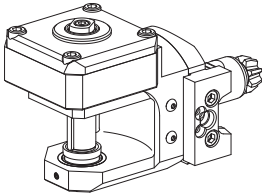
10967728 Milling unit

Fixation	none
Mounting	D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	82 (3.23) / – / 0 () mm (")



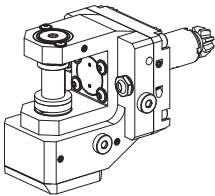
10266335 Tapping unit, extendable

Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / - / 0 () mm (")



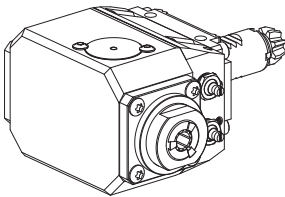
10242122 Circular saw unit

Fixation	Vee bar
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	2,7:1 (2,7)
X / Y / Z	68 (2.68) / - / 0 () mm (")



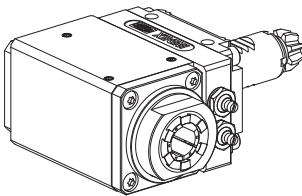
10198915 Circular saw unit

Fixation	W serration
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{\max} 80 bar
Speed ratio	2.9:1 (2.9)
X / Y / Z	74 (2.91) / - / - mm (")



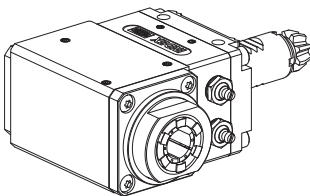
10420364 Drilling unit

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 (")



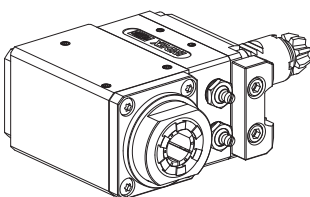
10090413 Milling unit

Fixation	W serration
Mounting	ER 25
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / - / 64 (2.52) mm (")



10174204 Milling unit

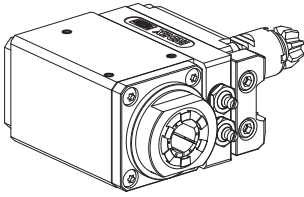
Fixation	W serration
Mounting	ER 25
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / - / 64 (2.52) mm (")



10223315 Milling unit

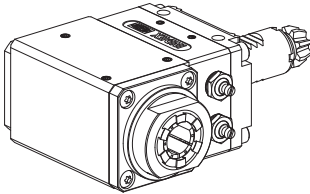
Fixation	Vee bar
Mounting	ER 25
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	70 (2.76) / - / 64 (2.52) mm (")

Live tool holder Shank VDI25



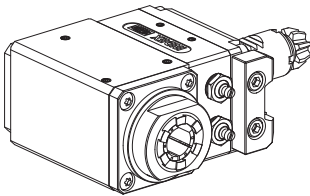
10771991 Milling unit

Fixation	Vee bar
Mounting	ER 25
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / – / 64 (2.52) mm (")



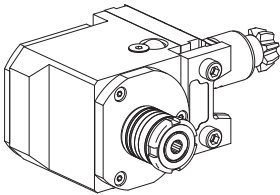
10803114 Milling unit

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 (")



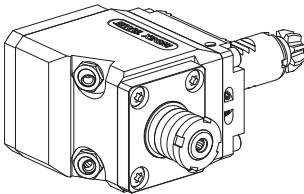
10886532 Milling unit

Fixation	Vee bar
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 (")



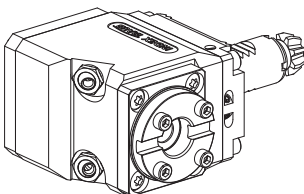
10780758 Milling unit

Fixation	Vee bar
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	2.09:1 (2.09)
X / Y / Z	55 (2.17) / – / 47.5 (1.87) mm (")



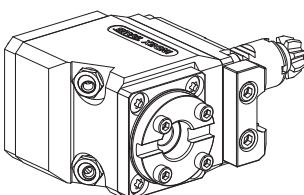
10309286 Milling unit

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 (")



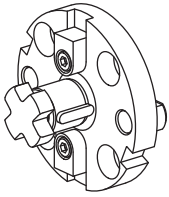
10004506 Milling unit

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 (")



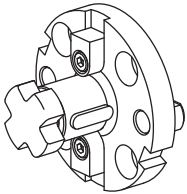
10765304 Milling unit

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



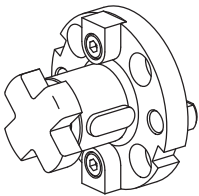
10670447 Milling cutter holding block

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



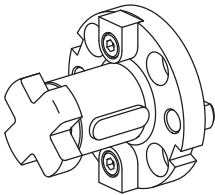
11041286 Milling cutter holding block

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



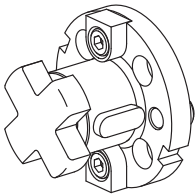
10435497 Milling cutter holding block

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



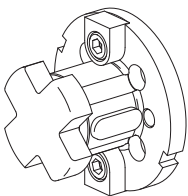
12011567 Milling cutter holding block

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



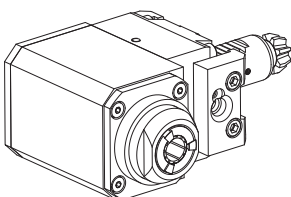
10807705 Milling cutter holding block

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



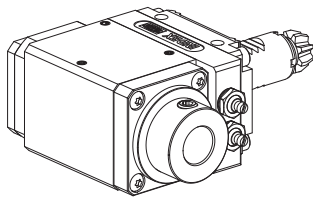
10223928 Milling cutter holding block

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



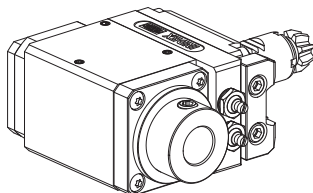
10397223 Tapping unit, extendable

Fixation	Clamping and stop bar
Mounting	ER 20
Cooling	external, p _{max} 40 bar
Speed ratio	2:1 (2)
X / Y / Z	70 (2.76) / – / 78 (3.07) mm (")



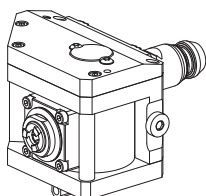
10414768 Broaching/ Slotting unit

Fixation	W serration
Mounting	D20 (0.79 ")
Cooling	external and internal, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / – / 69 (2.72) mm (")



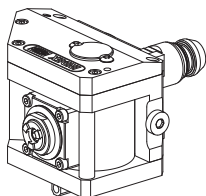
10750447 Broaching/ Slotting unit

Fixation	Vee bar
Mounting	D20 (0.79 ")
Cooling	external, internal optional, p_{\max} 80 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / – / 69 (2.72) mm (")



10798991 Drilling unit, angle-adjustable

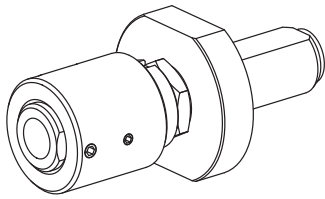
Fixation	W serration
Mounting	ER 11
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1.7 (0.588)
X / Y / Z	44 (1.73) / – / 37 (1.46) mm (")



10465360 Drilling unit, angle-adjustable

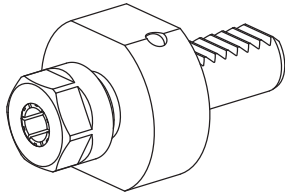
Fixation	Vee bar
Mounting	ER 11
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1.7 (0.588)
X / Y / Z	44 (1.73) / – / 67 (2.64) mm (")

Tool holder to spring-loaded tap holder Shank VDI20



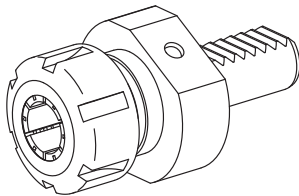
10979044 Bar stop, adjustable, live

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



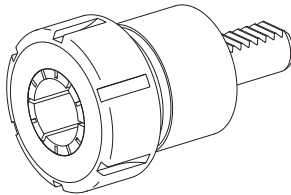
10592190 Drilling tool holder

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



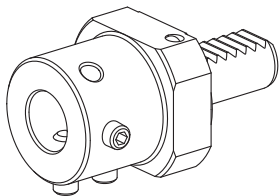
10620002 Drilling tool holder, Form E4

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



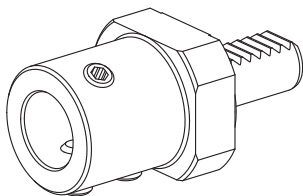
10980163 Drilling tool holder, Form E4

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



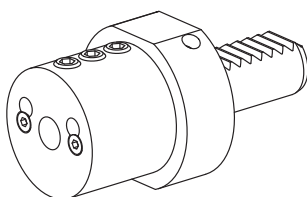
10359056 Drilling tool holder, Form E1

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



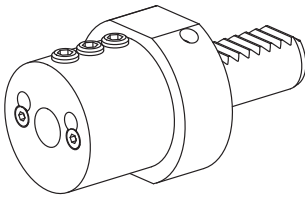
10880044 Drilling tool holder, Form E1

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



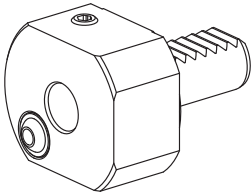
10879047 Drilling tool holder, Form E2

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



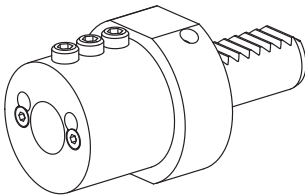
10367178 Drilling tool holder, Form E2

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



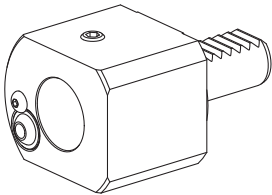
10271806 Drilling tool holder

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



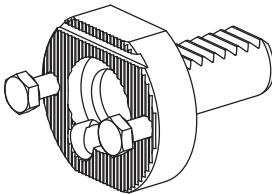
10630888 Drilling tool holder, Form E2

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



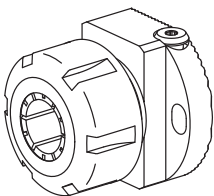
10270233 Drilling tool holder

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



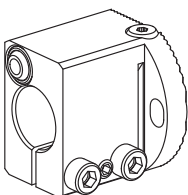
10711364 Basic holder, vertically adjustable

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



10285739 Drill holding block

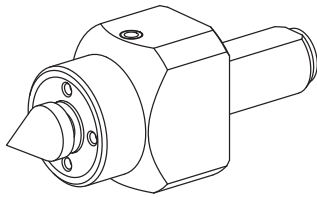
Fixation	-
Mounting	ER 25
Cooling	internal, p_{\max} 20 bar
X / Y / Z	42.5 (1.67) / - / - mm (")



10099852 Drill holding block

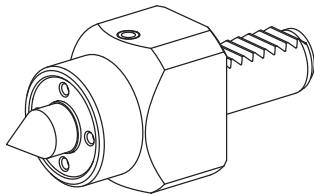
Fixation	-
Mounting	D20 (0.79 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	40 (1.57) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI20



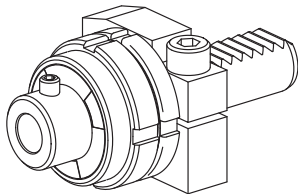
11042772 Center holder, elastic, live, Center replaceble

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



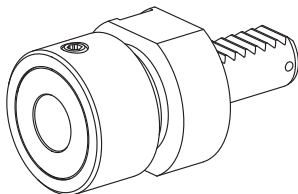
110573888 Center holder, elastic, live

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



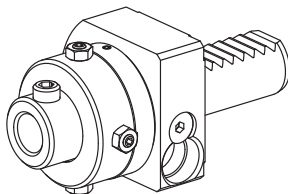
11041774 Tapping tool holder, over-running

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



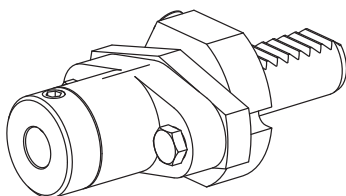
10010548 Tapping tool holder

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



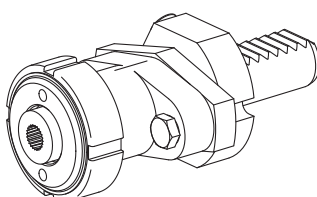
10078189 Reaming tool holder, adjustable

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

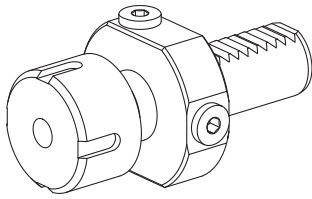
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	66 (2.60) / – / – mm (")



10548417 Broaching/ Slotting holder, rotating, live

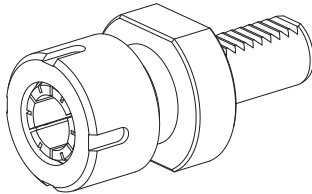
Fixation	none
Mounting	D24 (0.94 ")
Cooling	external, p _{max} 20 bar
X / Y / Z	69 (2.72) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI25



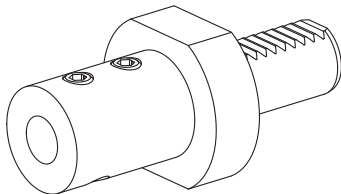
10027773 Drilling tool holder, Form E4

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



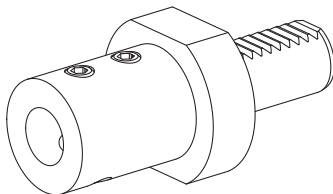
10406859 Drilling tool holder, Form E4

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



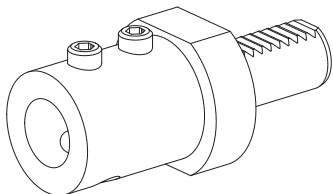
10882358 Drilling tool holder, Form E1

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



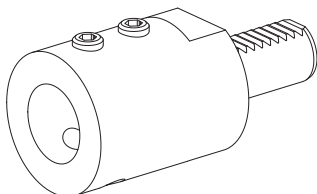
10003339 Drilling tool holder, Form E1

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



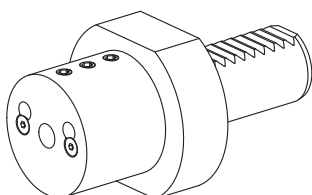
10340141 Drilling tool holder, Form E1

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

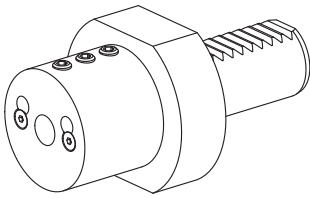
Fixation	none
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	internal, p_{\max} 80 bar
X / Y / Z	74 (2.91) / - / - mm (")



10058371 Drilling tool holder, Form E2

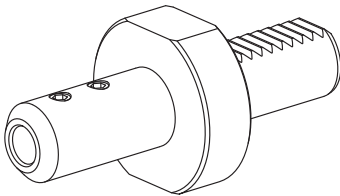
Fixation	none
Mounting	D8 (0.31 ")
Cooling	external and internal, p_{\max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI25



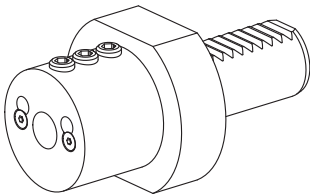
10503585 Drilling tool holder, Form E2

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



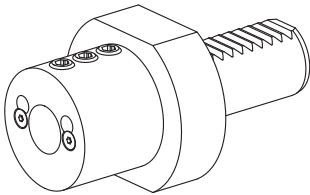
10773801 Drilling tool holder, Specially for the marking tool WriteStar

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



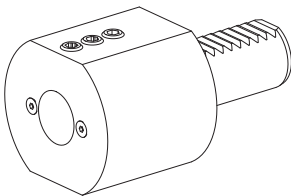
10983815 Drilling tool holder, Form E2

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



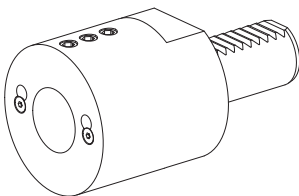
10471993 Drilling tool holder, Form E2

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



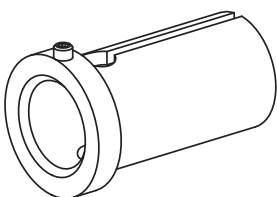
10749389 Drilling tool holder, Form E2

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

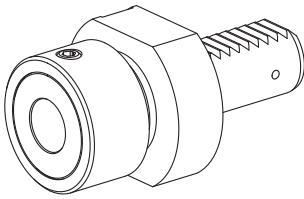
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	60 (2.36) / - / - mm (")



10208692 Compensation bushing

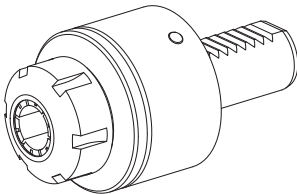
Fixation	none
Mounting	D3/4"
Cooling	-
X / Y / Z	6 (0.24) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI25



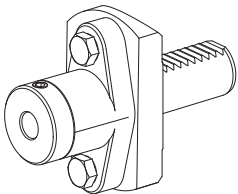
10467520 Tapping tool holder, extendable

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



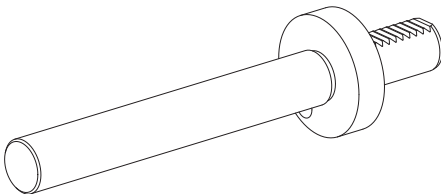
10365449 Reaming tool holder

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



10252714 Broaching/ Slotting holder, rotating, live

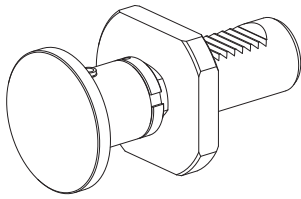
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10489412 Calibrating tool

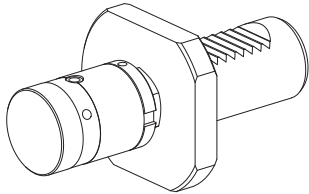
Fixation	none
Mounting	-
Cooling	-
X / Y / Z	190 (7.48) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI30



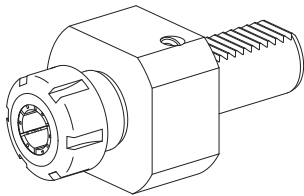
10428174 Bar stop, adjustable, live

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



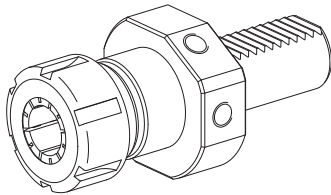
10679593 Bar stop, adjustable, live

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



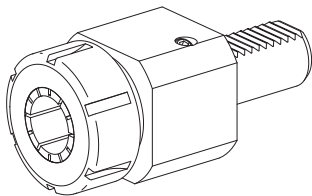
10424888 Drilling tool holder, Form E4

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



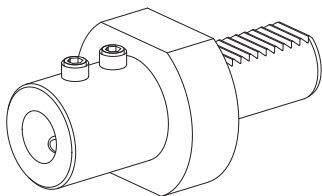
10453838 Drilling tool holder, Form E4

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



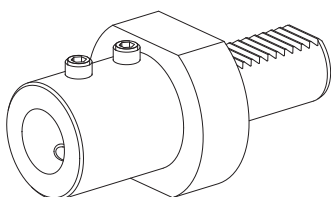
10239645 Drilling tool holder, Form E4

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



10502799 Drilling tool holder, Form E1

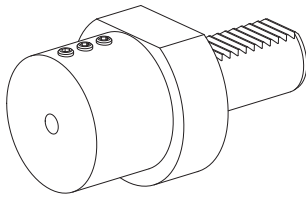
Fixation	none
Mounting	DIN 1835 E D20 (0.79 ")
Cooling	internal, p_{max} 80 bar
X / Y / Z	67 (2.64) / – / – mm (")



10659026 Drilling tool holder, Form E1

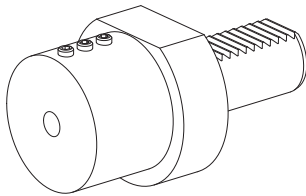
Fixation	none
Mounting	DIN 1835 E D25 (0.98 ")
Cooling	internal, p_{max} 80 bar
X / Y / Z	71 (2.80) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI30



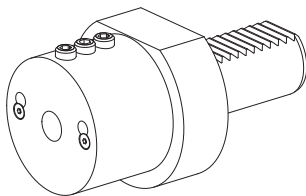
10168049 Drilling tool holder, Form E2

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



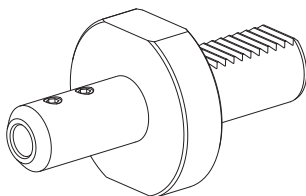
10364335 Drilling tool holder, Form E2

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



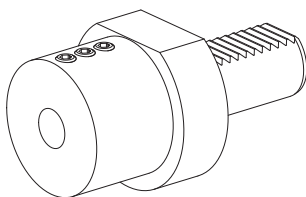
10240059 Drilling tool holder, Form E2

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



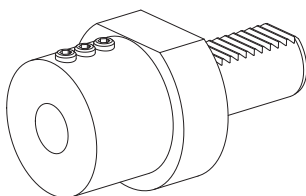
11043672 Drilling tool holder, Specially for the marking tool WriteStar

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



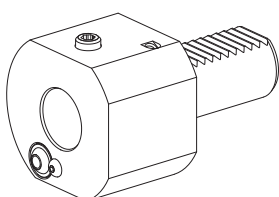
10298106 Drilling tool holder, Form E2

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

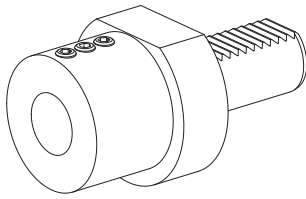
Fixation	none
Mounting	D20 (0.79 ")
Cooling	external and internal, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10040148 Drilling tool holder

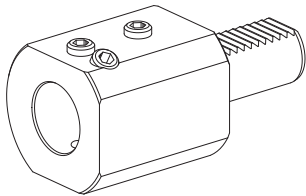
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{\max} 40 bar
X / Y / Z	45 (1.77) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI30



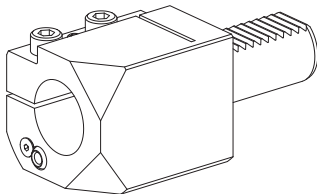
10175060 Drilling tool holder, Form E2

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



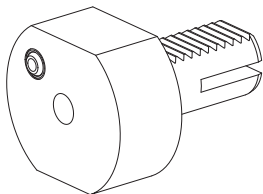
10601688 Drilling tool holder

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



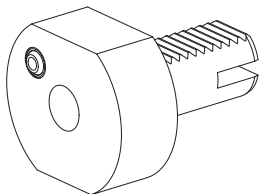
11055569 Drilling tool holder, Form E2

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



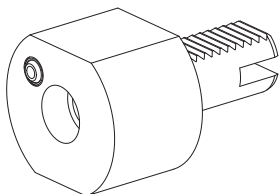
10631335 Drilling tool holder

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



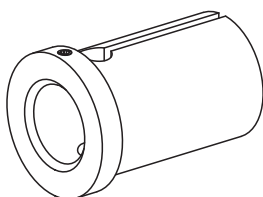
10550804 Drilling tool holder

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



10677499 Drilling tool holder

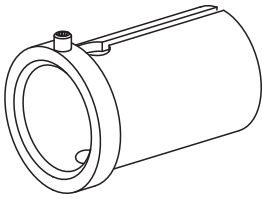
Fixation	none
Mounting	MK3
Cooling	external, p_{\max} 20 bar
X / Y / Z	45 (1.77) / - / - mm (")



10921732 Compensation bushing

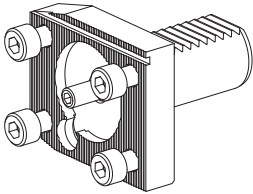
Fixation	none
Mounting	D3/4"
Cooling	-
X / Y / Z	6 (0.24) / - / - mm (")

Tool holder to spring-loaded tap holder Shank VDI30



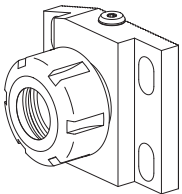
11033529 Compensation bushing

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



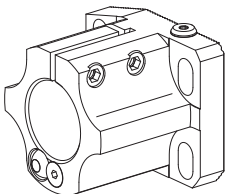
10217247 Basic holder, vertically adjustable

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



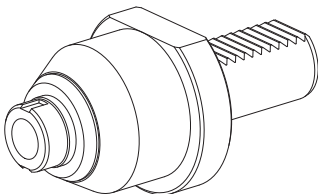
10374519 Drill holding block

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



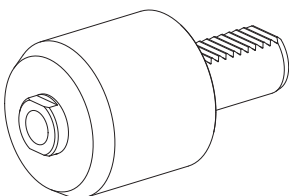
10193528 Drill holding block

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



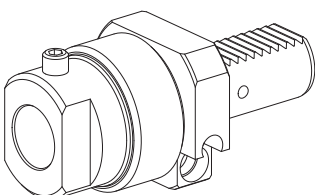
10387522 Center holder, elastic, live

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



10593935 Center holder, live

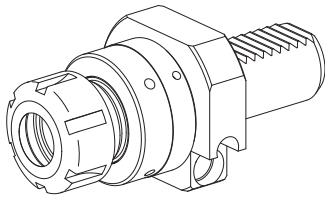
Fixation	none
Mounting	D15.4 (0.61 ") / Cone 1:7.5
Cooling	–
X / Y / Z	69.5 (2.74) / – / – mm (")



10301384 Tapping tool holder, extendable

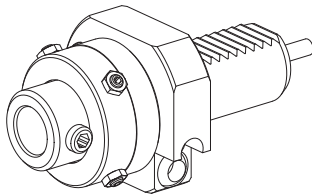
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	73 (2.87) / – / – mm (")

Tool holder to spring-loaded tap holder Shank VDI30



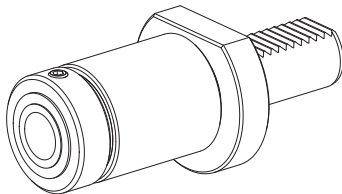
10894326 Reaming tool holder, adjustable

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



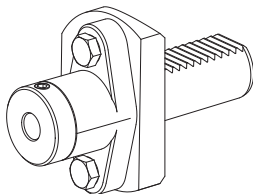
11041243 Reaming tool holder, adjustable

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

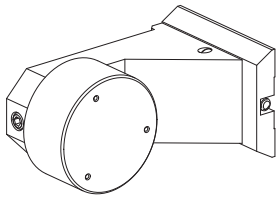
Fixation	none
Mounting	D20 (0.79 ")
Cooling	internal, p_{\max} 40 bar
X / Y / Z	93 (3.66) / - / - mm (")



10929722 Broaching/ Slotting holder, rotating, live

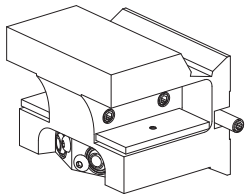
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")

Stationary tool holder Vee mounting



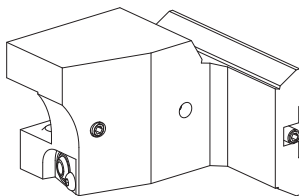
10677834 Bar stop, adjustable

Fixation	none
Mounting	–
Cooling	–
X / Y / Z	85 (3.35) / – / -17 (-0.67) mm (")



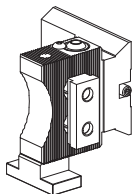
10631691 Turning tool holder, double

Fixation	none
Mounting	square 20x20
Cooling	external, p _{max} 20 bar
X / Y / Z	65 (2.56) / – / 0 () mm (")



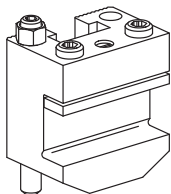
10665762 Turning tool holder

Fixation	none
Mounting	square 20x20
Cooling	external, p _{max} 20 bar
X / Y / Z	85 (3.35) / – / 0 () mm (")



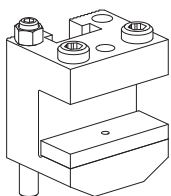
10160728 Basic holder, adjustable

Fixation	none
Mounting	–
Cooling	external, p _{max} 40 bar
X / Y / Z	52 (2.05) / – / 10 (0.39) mm (")



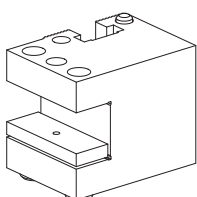
10331903 Grooving tool holding block, vertically adjustable

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



10770991 Grooving tool holding block, vertically adjustable

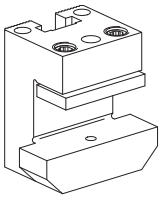
Fixation	–
Mounting	square 16x16
Cooling	–
X / Y / Z	20 (0.79) / – / 17 (0.67) mm (")



11004141 Grooving tool holding block, vertically adjustable

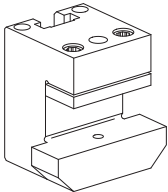
Fixation	–
Mounting	square 16x16
Cooling	–
X / Y / Z	40 (1.57) / – / 40 (1.57) mm (")

Stationary tool holder Vee mounting



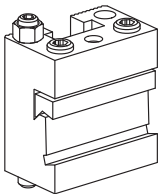
10799021 Grooving tool holding block, adjustable

Fixation	–
Mounting	square 20x20
Cooling	–
X / Y / Z	37 (1.46) / – / 28 (1.10) mm (")



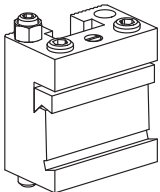
10976603 Grooving tool holding block, adjustable

Fixation	–
Mounting	square 20x20
Cooling	–
X / Y / Z	45 (1.77) / – / 28 (1.10) mm (")



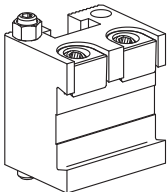
10531179 Grooving tool holding block, vertically adjustable

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



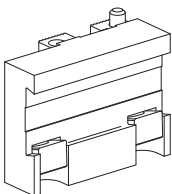
10518257 Grooving tool holding block, vertically adjustable

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



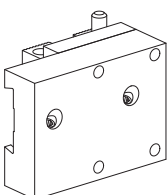
10227285 Grooving tool holding block, vertically adjustable

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



10049220 Grooving tool holding block, vertically adjustable

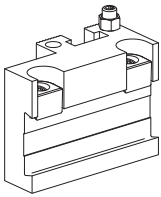
Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 32 (1.26) mm (")



10787914 Grooving tool holding block, vertically adjustable

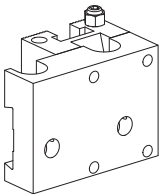
Fixation	–
Mounting	Trapezoid 26x5
Cooling	–
X / Y / Z	47.5 (1.87) / – / 28.5 (1.12) mm (")

Stationary tool holder Vee mounting



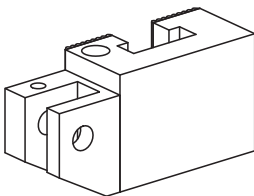
10410270 Grooving tool holding block, vertically adjustable

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



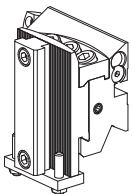
10777825 Grooving tool holding block, vertically adjustable

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



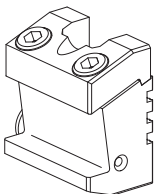
10442459 Knurling tool holding block

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



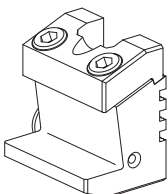
10792715 Basic holder, angle-adjustable

Fixation	none
Mounting	–
Cooling	external, p _{max} 40 bar
X / Y / Z	42 (1.65) / – / 0 () mm (")



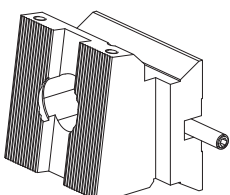
10607061 Grooving tool holding block, vertically adjustable

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



10463581 Grooving tool holding block, vertically adjustable

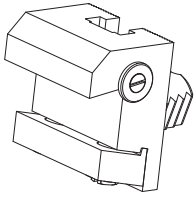
Fixation	–
Mounting	–
Cooling	external, p _{max} 20 bar
X / Y / Z	38 (1.50) / – / – mm (")



10915096 Basic holder, Contour plunging tool holder

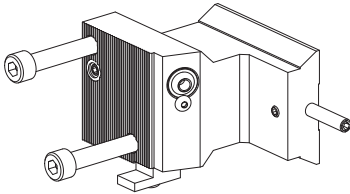
Fixation	none
Mounting	–
Cooling	external, p _{max} 40 bar
X / Y / Z	45.5 (1.79) / – / 9 (0.35) mm (")

Stationary tool holder Vee mounting



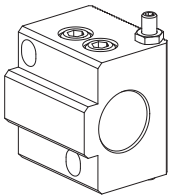
10170595 Grooving tool holding block, adjustable

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



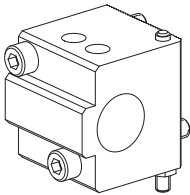
10463891 Basic holder, vertically adjustable

Fixation	none
Mounting	–
Cooling	external and internal, p_{max} 20 bar
X / Y / Z	62 (2.44) / – / -30 (-1.18) mm (")



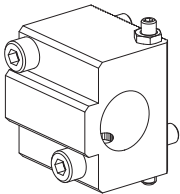
10159310 Drill holding block

Fixation	–
Mounting	D25 (0.98 ")
Cooling	internal, p_{max} 20 bar
X / Y / Z	23.55 (0.93) / – / – mm (")



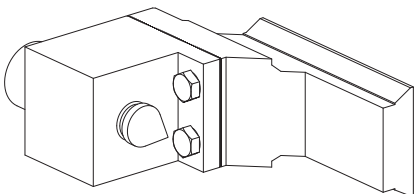
10065358 Drill holding block

Fixation	none
Mounting	D25 (0.98 ")
Cooling	internal, p_{max} 20 bar
X / Y / Z	33.55 (1.32) / – / 50 (1.97) mm (")



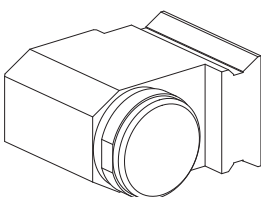
10935806 Drill holding block, horizontally adjustable

Fixation	–
Mounting	D1"
Cooling	internal, p_{max} 20 bar
X / Y / Z	23.55 (0.93) / – / 50 (1.97) mm (")



10854446 Center holder, elastic

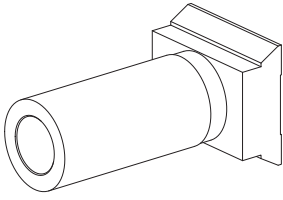
Fixation	–
Mounting	MK1
Cooling	–
X / Y / Z	85 (3.35) / – / -71 (-2.80) mm (")



10175570 Embossing roll holder

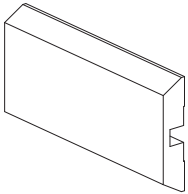
Fixation	–
Mounting	–
Cooling	–, p_{max} 40 bar
X / Y / Z	90 (3.54) / – / – mm (")

Stationary tool holder Vee mounting



11076016 Calibrating tool

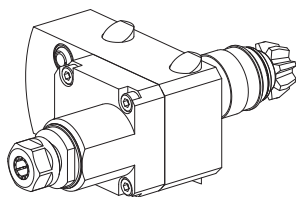
Fixation	none
Mounting	D40 (1.57 ")
Cooling	–
X / Y / Z	110 (4.33) / – / 0 () mm (")



10215385 Cover plate, Steel

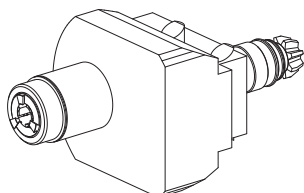
Fixation	none
Mounting	–
Cooling	–
X / Y / Z	12 (0.47) / – / – mm (")

Live tool holder Vee mounting



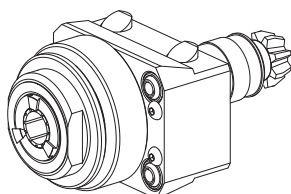
10274097 Drilling unit

Fixation	none
Mounting	ER 11
Cooling	external, p_{\max} 20 bar
Speed ratio	1:1.33 (0.75)
X / Y / Z	87 (3.43) / – / 1.5 (0.06) mm (")



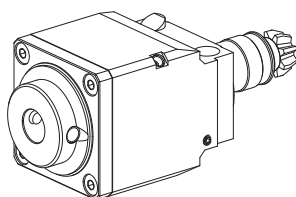
10607059 Drilling unit, vertically adjustable

Fixation	none
Mounting	ER 16
Cooling	external, p_{\max} 20 bar
Speed ratio	1:1.93 (0.518)
X / Y / Z	105 (4.13) / – / 37.5 (1.48) mm (")



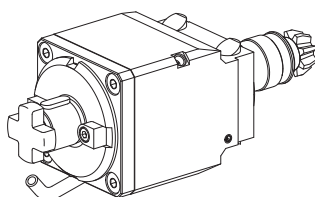
10817882 Drilling unit

Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	64 (2.52) / – / -16.5 (-0.65) mm (")



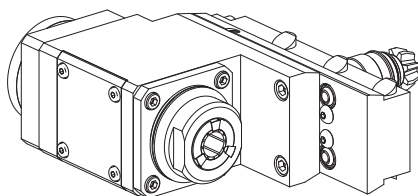
10622114 Milling unit

Fixation	none
Mounting	DIN 1835 B/E D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	96 (3.78) / – / -16.5 (-0.65) mm (")



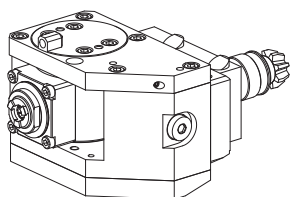
11165932 Milling unit

Fixation	–
Mounting	Milling shaft D22 (0.87 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	4.5:1 (4.5)
X / Y / Z	88 (3.46) / – / – mm (")



10130569 Drilling unit

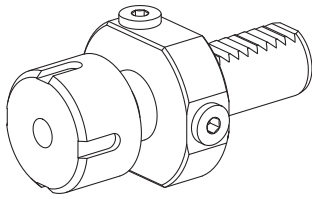
Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 20 bar
Speed ratio	1:1.13 (0.8857)
X / Y / Z	85 (3.35) / – / 36.5 (1.44) mm (")



10760798 Drilling unit, angle-adjustable

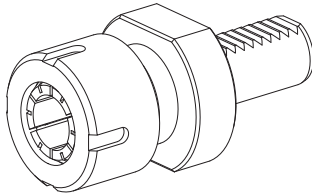
Fixation	–
Mounting	ER 11
Cooling	external, p_{\max} 80 bar
Speed ratio	1:1.7 (0.588)
X / Y / Z	62 (2.44) / – / 37 (1.46) mm (")

Stationary tool holder Shank VDI25, Rear End Machining Unit



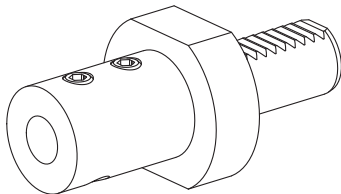
10027773 Drilling tool holder, Form E4

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



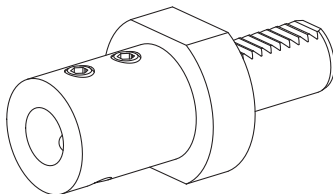
10406859 Drilling tool holder, Form E4

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



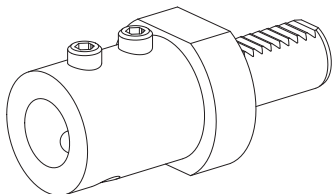
10882358 Drilling tool holder, Form E1

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



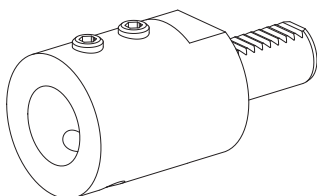
10003339 Drilling tool holder, Form E1

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



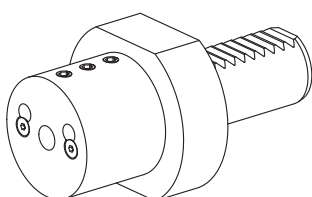
10340141 Drilling tool holder, Form E1

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

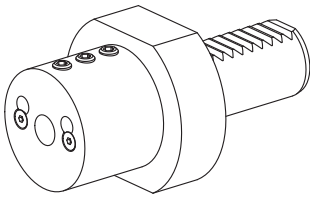
Fixation	none
Mounting	DIN 1835 B/E D32 (1.26 ")
Cooling	internal, p_{max} 80 bar
X / Y / Z	74 (2.91) / - / - mm (")



10058371 Drilling tool holder, Form E2

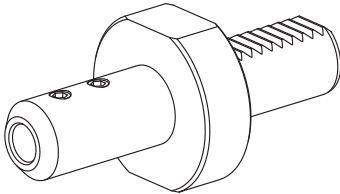
Fixation	none
Mounting	D8 (0.31 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	50 (1.97) / - / - mm (")

Stationary tool holder Shank VDI25, Rear End Machining Unit



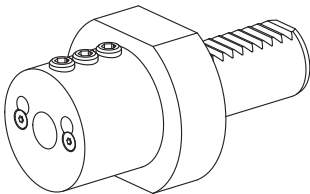
10503585 Drilling tool holder, Form E2

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



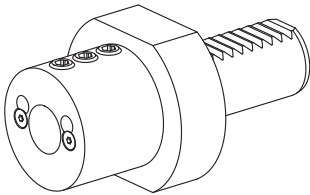
10773801 Drilling tool holder, Specially for the marking tool WriteStar

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



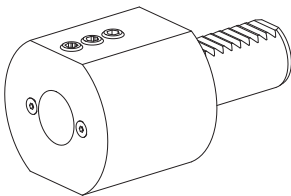
10983815 Drilling tool holder, Form E2

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



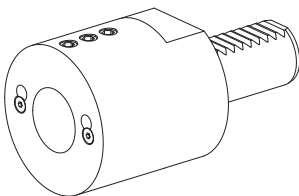
10471993 Drilling tool holder, Form E2

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



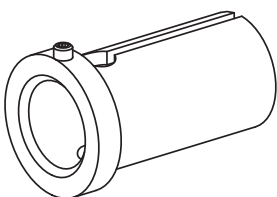
10749389 Drilling tool holder, Form E2

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

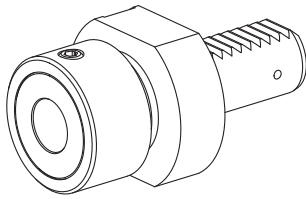
Fixation	none
Mounting	D25 (0.98 ")
Cooling	external and internal, p_{max} 80 bar
X / Y / Z	60 (2.36) / - / - mm (")



10208692 Compensation bushing

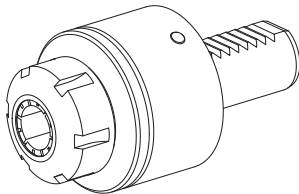
Fixation	none
Mounting	D3/4"
Cooling	-
X / Y / Z	6 (0.24) / - / - mm (")

Stationary tool holder Shank VDI25, Rear End Machining Unit



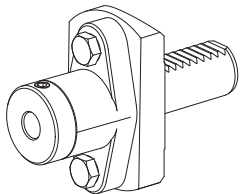
10467520 Tapping tool holder, extendable

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



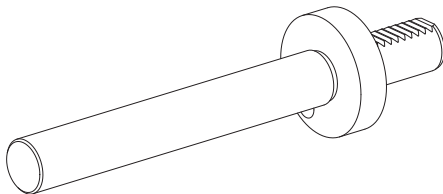
10365449 Reaming tool holder

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



10252714 Broaching/ Slotting holder, rotating, live

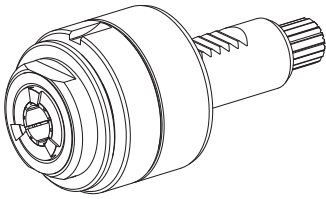
Fixation	none
Mounting	D12 (0.47 ")
Cooling	external, p_{\max} 20 bar
X / Y / Z	60 (2.36) / - / - mm (")



10489412 Calibrating tool

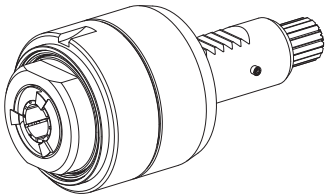
Fixation	none
Mounting	-
Cooling	-
X / Y / Z	190 (7.48) / - / - mm (")

Live tool holder Shank VDI25, Rear End Machining Unit



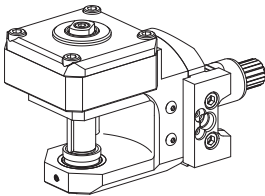
10911974 Drilling unit

Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	54 (2.13) / - / 0 () mm (")



10787046 Tapping unit, extendable

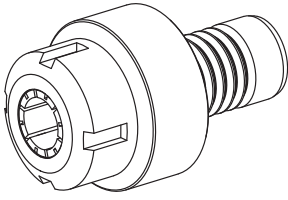
Fixation	none
Mounting	ER 20
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	60 (2.36) / - / 0 () mm (")



10693707 Circular saw unit

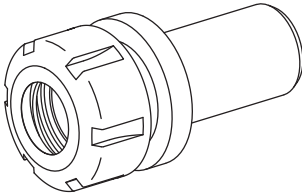
Fixation	Vee bar
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	2,7:1 (2,7)
X / Y / Z	68 (2.68) / - / 0 () mm (")

Stationary tool holder Shank 1", Rear End Machining Unit



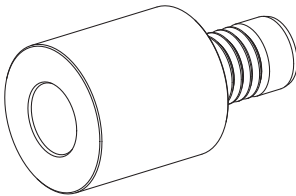
10709196 Drilling tool holder

Fixation	none
Mounting	ER 25
Cooling	internal, p_{max} 40 bar
X / Y / Z	50 (1.97) / - / 0 () mm (")



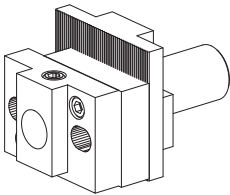
10884174 Drilling tool holder

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



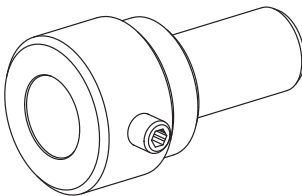
10605788 Drilling tool holder

Fixation	none
Mounting	DIN 1835 B/E D25 (0.98 ")
Cooling	internal, p_{max} 40 bar
X / Y / Z	56 (2.20) / - / 0 () mm (")



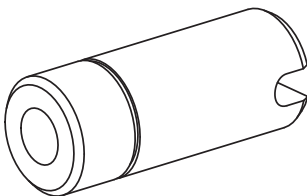
10720434 Drilling tool holder, adjustable

Fixation	none
Mounting	D18 (0.71 ")
Cooling	internal, p_{max} 20 bar
X / Y / Z	56 (2.20) / ± 2 (± 0.08) / ± 2 (0.08) mm (")



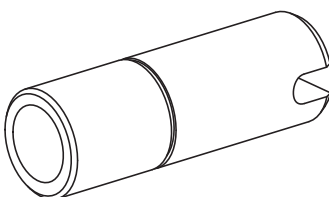
10036301 Drilling tool holder

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



11061115 Drilling tool holder

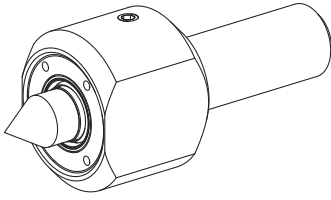
Fixation	none
Mounting	MK1
Cooling	-
X / Y / Z	16 (0.63) / - / - mm (")



10083633 Drilling tool holder

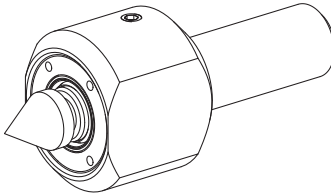
Fixation	none
Mounting	MK2
Cooling	-
X / Y / Z	29 (1.14) / - / - mm (")

Stationary tool holder Shank 1", Rear End Machining Unit



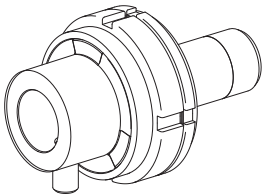
10886503 Center holder, elastic, live

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



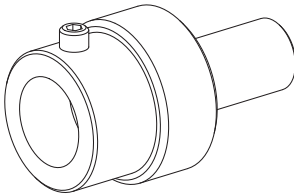
10816897 Center holder, elastic, live

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



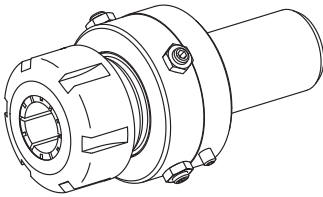
10390181 Tapping tool holder, over-running

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



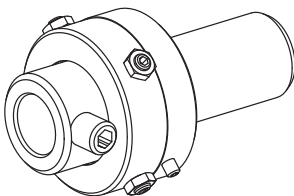
10628055 Tapping tool holder, extendable

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



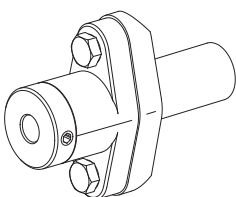
10631262 Reaming tool holder, adjustable

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



10448325 Reaming tool holder, adjustable

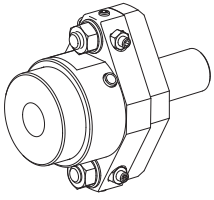
Fixation	none
Mounting	D18 (0.71 ")
Cooling	–
X / Y / Z	41 (1.61) / – / – mm (")



10826026 Broaching/ Slotting holder, rotating, live

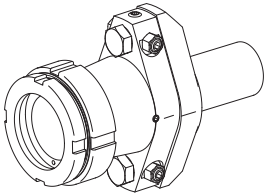
Fixation	none
Mounting	D12 (0.47 ")
Cooling	–
X / Y / Z	58 (2.28) / – / – mm (")

Stationary tool holder Shank 1", Rear End Machining Unit



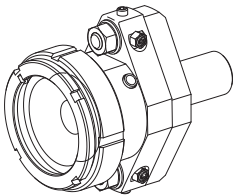
10913831 Broaching/ Slotting holder, rotating, live

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



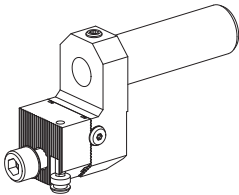
10281269 Broaching/ Slotting holder, rotating, live

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



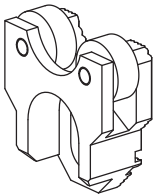
11062082 Broaching/ Slotting holder

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



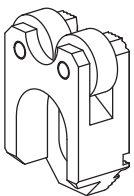
10929225 Guide holder

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



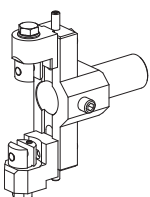
10665432 Roller holding block, adjustable

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



11002956 Roller holding block, adjustable

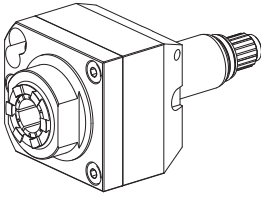
Fixation	–
Mounting	–
Cooling	–
X / Y / Z	– / – / – mm (")



10722345 Knurling tool holder, adjustable

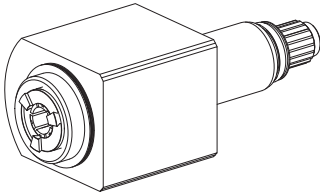
Fixation	none
Mounting	D6-36 (0.24 "-1.24 ")
Cooling	–
X / Y / Z	– / – / – mm (")

Live tool holder Shank 1", Rear End Machining Unit



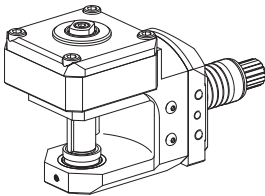
10229360 Drilling unit

Fixation	none
Mounting	ER 25
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	68 (2.68) / - / 0 () mm (")



10717845 Tapping unit, extendable

Fixation	none
Mounting	ER 16
Cooling	external, p_{\max} 40 bar
Speed ratio	1:1 (1)
X / Y / Z	61 (2.40) / - / 0 () mm (")



10922705 Circular saw unit

Fixation	none
Mounting	Milling shaft D16 (0.63 ")
Cooling	external, p_{\max} 40 bar
Speed ratio	2,7:1 (2,7)
X / Y / Z	75 (2.95) / ± 12.5 (± 0.49) / 0 () mm (")



**INDEX-Werke GmbH & Co. KG
Hahn & Tessky**

Plochinger Straße 92
D-73730 Esslingen

Fon +49 711 3191-0
Fax +49 711 3191-587

info@index-werke.de
www.index-werke.de