



TOOL HOLDER SHOP INC
PRODUCT CATALOG
(c) 2023

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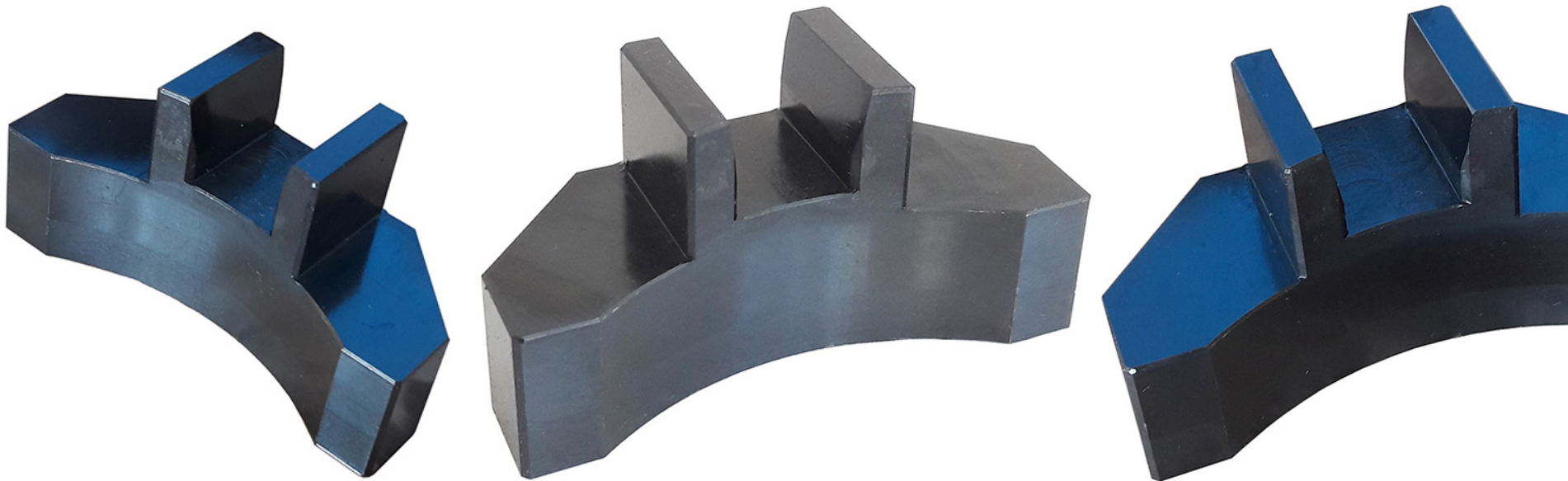
BT-2 FLANGE DISK OD=250 mm AND LESS



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003921	BT-2 FLANGE DISK OD=250 mm AND LESS							
THS003922	BT-2 FLANGE DISK OD=251 mm AND LARGER							

Updated 202302

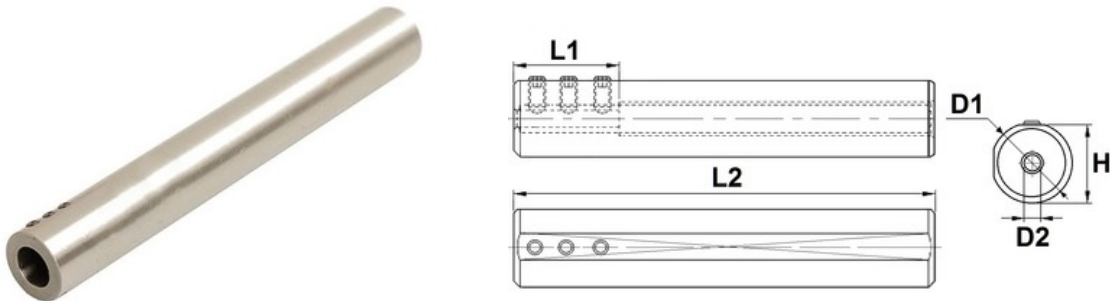
POSITIONING BLOCK FOR TAPER 40



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013302	POSITIONING BLOCK FOR TAPER 40							
THS013679	POSITIONING BLOCK #40 RAW							
THS013924	POSITIONING BLOCK FOR TAPER 50							
THS016833	POSITIONING BLOCK FOR TAPER 50 FOR VTL							

Updated 202302

BORING BAR EXTENDER OD=(3/4") ID= 4 mm L=100 mm



SKU	Ø D1	Ø D2	L1	L2	H
THS007138	3/4"	4	25	100	18.5
THS007139		6	35		
THS007140		8	45		
THS007141		10	50		
THS007142		12	50		
THS007143	20	4	25	100	19.5
THS007144		6	35		
THS007145		8	45		
THS007146		10	50		
THS007147		12	50		
THS007148	22	4	25	100	21.5
THS007149		6	35		
THS007150		8	45		
THS007151		10	50		
THS007152		12	50		
THS007153	1"	4	25	100	24.9
THS007154		5	25		
THS007155		6	35		
THS007156		8	45		
THS007157		10	50		
THS007158		12	50		

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007138	BORING BAR EXTENDER OD=(3/4") ID= 4 mm L=100 mm							
THS007139	BORING BAR EXTENDER OD=(3/4") ID= 6 mm L=100 mm							
THS007140	BORING BAR EXTENDER OD=(3/4") ID= 8 mm L=100 mm							
THS007141	BORING BAR EXTENDER OD=(3/4") ID=10 mm L=100 mm							
THS007142	BORING BAR EXTENDER OD=(3/4") ID=12 mm L=100 mm							
THS007143	BORING BAR EXTENDER OD=20 mm ID= 4 mm L=100 mm							
THS007144	BORING BAR EXTENDER OD=20 mm ID= 6 mm L=100 mm							
THS007145	BORING BAR EXTENDER OD=20 mm ID= 8 mm L=100 mm							
THS007146	BORING BAR EXTENDER OD=20 mm ID=10 mm L=100 mm							
THS007147	BORING BAR EXTENDER OD=20 mm ID=12 mm L=100 mm							
THS007148	BORING BAR EXTENDER OD=22 mm ID= 4 mm L=100 mm							
THS007149	BORING BAR EXTENDER OD=22 mm ID= 6 mm L=100 mm							
THS007150	BORING BAR EXTENDER OD=22 mm ID= 8 mm L=100 mm							
THS007151	BORING BAR EXTENDER OD=22 mm ID=10 mm L=100 mm							
THS007152	BORING BAR EXTENDER OD=22 mm ID=12 mm L=100 mm							
THS007153	BORING BAR EXTENDER OD=(1") ID= 4 mm L=100 mm							
THS007154	BORING BAR EXTENDER OD=(1") ID= 5 mm L=100 mm							
THS007155	BORING BAR EXTENDER OD=(1") ID= 6 mm L=100 mm							
THS007156	BORING BAR EXTENDER OD=(1") ID= 8 mm L=100 mm							

THS007157	BORING BAR EXTENDER OD=(1") ID=10 mm L=100 mm							
THS007158	BORING BAR EXTENDER OD=(1") ID=12 mm L=100 mm							
THS007176	BEARING 22x26x10L-K NEEDLE TYPE							

Updated 202302

BT30 CLAMPING FORCE GAUGE



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000032	BT30 CLAMPING FORCE GAUGE							
	BT 30 TAPER	OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000033	BT40 CLAMPING FORCE GAUGE							
	BT 40 TAPER	OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000034	BT50 CLAMPING FORCE GAUGE							
	BT 50 TAPER	OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT

Updated 202302

CLAMPING KIT T-NUT (3/8)" STUD 5/6-18 (58 pcs)

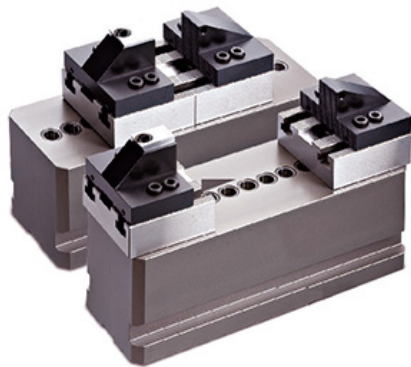


SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>THS000035</u>	CLAMPING KIT T-NUT (3/8)" STUD 5/6-18 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000036</u>	CLAMPING KIT T-NUT (7/16)" STUD 3/8-16 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000056</u>	CLAMPING KIT T-NUT (9/16)" STUD 3/8-16 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000064</u>	CLAMPING KIT T-NUT (9/16)" STUD 1/2-16 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000066</u>	CLAMPING KIT T-NUT (9/16)" STUD 1/2-13 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000097</u>	CLAMPING KIT T-NUT (5/8)" STUD 1/2-13 (58 pcs)							
		OTHER			STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS000119</u>	CLAMPING KIT T-NUT (5/8)" STUD 1/2-16 (58 pcs)							

THS000152	CLAMPING KIT T-NUT (1/2)" STUD 3/8-16 (58 pcs)						
THS000168	CLAMPING KIT T-NUT (11/16)" STUD 1/2-13 (58 pcs)						
THS000169	CLAMPING KIT T-NUT (11/16)" STUD 5/8-11 (58 pcs)						
THS000170	CLAMPING KIT T-NUT (3/4)" STUD 5/8-11 (58 pcs)						
THS000171	CLAMPING KIT T-NUT (13/16)" STUD 5/8-11 (58 pcs)						
THS000172	CLAMPING KIT T-NUT 10 mm STUD M8x1.25 (58 pcs)						
THS000173	CLAMPING KIT T-NUT 12 mm STUD M10x1.5 (58 pcs)						
THS000174	CLAMPING KIT T-NUT 14 mm STUD M10x1.25 (58 pcs)						
THS000175	CLAMPING KIT T-NUT 14 mm STUD M12x1.5 (58 pcs)						
THS000176	CLAMPING KIT T-NUT 16 mm STUD M12x1.75 (58 pcs)						
THS000177	CLAMPING KIT T-NUT 16 mm STUD M14x2 (58 pcs)						
THS000178	CLAMPING KIT T-NUT 18 mm STUD M14x2 (58 pcs)						
THS000179	CLAMPING KIT T-NUT 18 mm STUD M16x2 (58 pcs)						
THS000180	CLAMPING KIT T-NUT 20 mm STUD M16x2 (58 pcs)						

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CLAMP 5-AXIS+ALUMINUM BASE 5AC-20



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004226	CLAMP 5-AXIS+ALUMINUM BASE 5AC-20							
THS004227	CLAMP 5-AXIS+ALUMINUM BASE 5AC-20T							
THS004228	CLAMP 5-AXIS+ALUMINUM BASE 5AC-26							
THS004229	CLAMP 5-AXIS+ALUMINUM BASE 5AC-26T							
THS004230	CLAMP 5-AXIS+ALUMINUM BASE 5AC-34							
THS004231	CLAMP 5-AXIS+ALUMINUM BASE 5AC-34T							

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COOLANT NOZZLE 12



SKU	D	L	L1	M
SKP001391	12	10	8	M5X0.8
SKP012106	14	13	10	M6X1.0
SKP001393	16	14	11	M7X1.0

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014212	COOLANT NOZZLE 10							
THS014213	COOLANT NOZZLE 12							
THS014214	COOLANT NOZZLE 14							
THS014215	COOLANT NOZZLE 16							
THS014216	COOLANT NOZZLE 08							

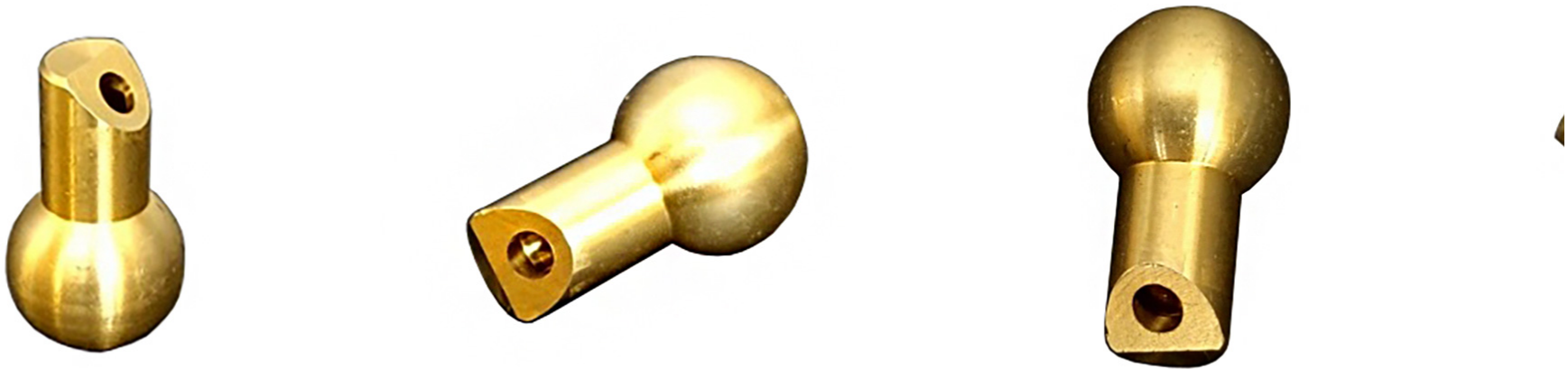
COOLANT FITTING



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003048	COOLANT FITTING							

Updated 202302

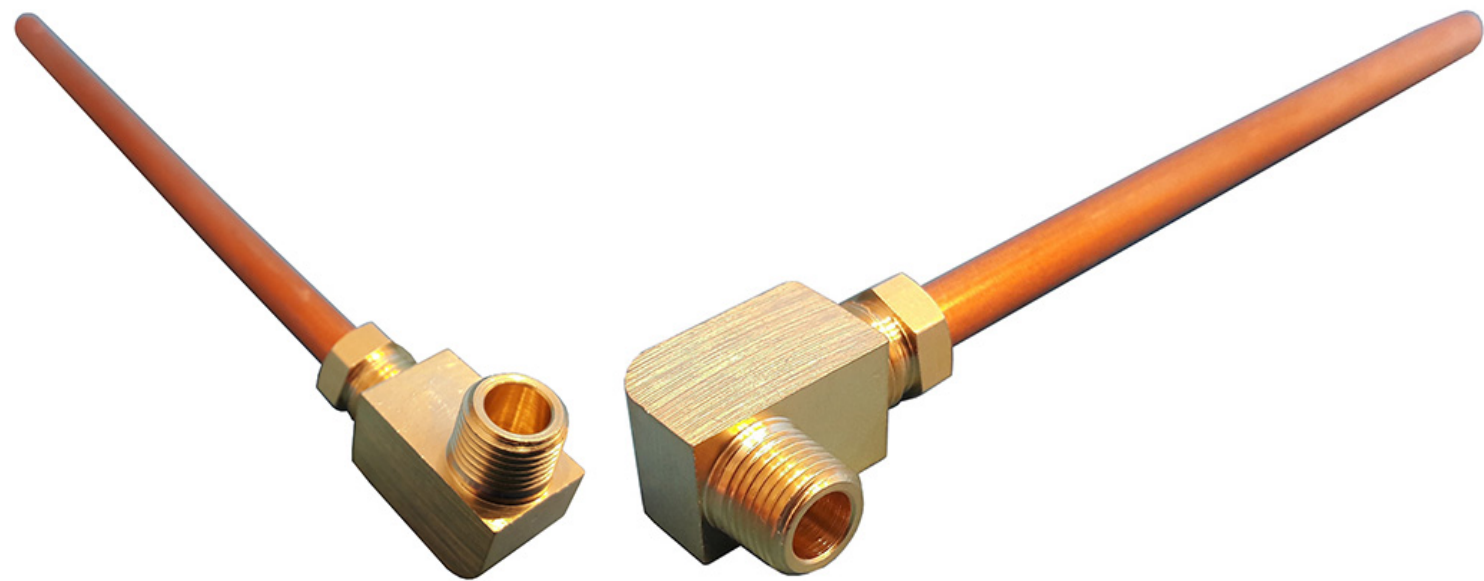
COOLANT NOZZLE 45 deg. D=10 mm L=40 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000892	COOLANT NOZZLE 45 deg. D=10 mm L=40 mm							
THS017362	NOZZLE COOLANT 45-12x20L							

Updated 202302

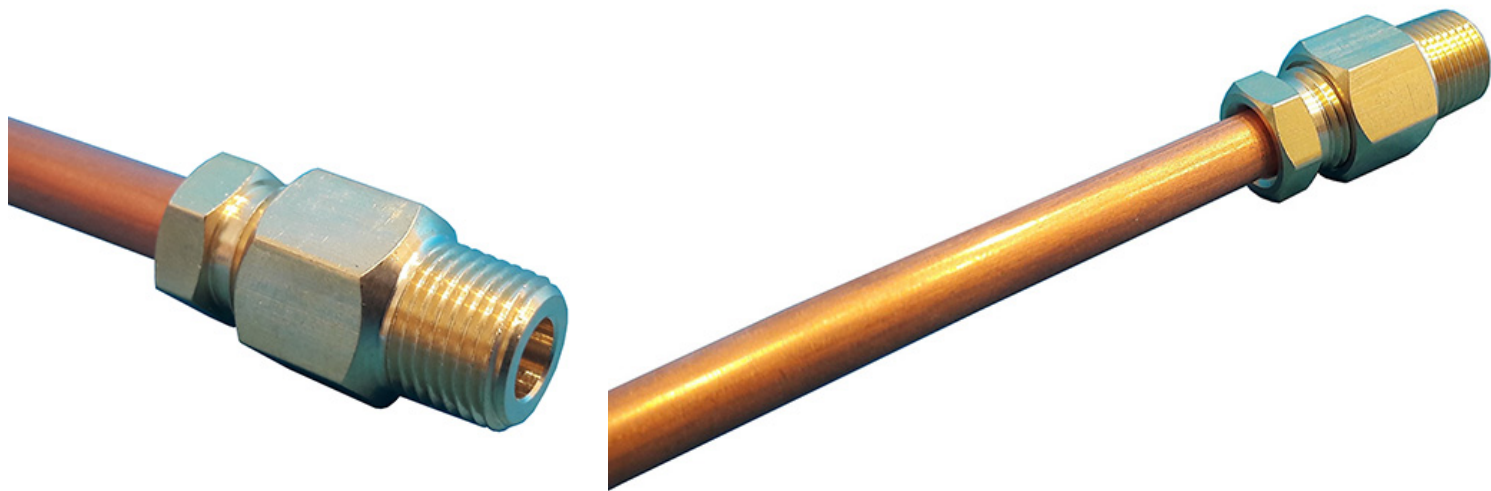
COOLANT NOZZLE 1/8 SCREW PT 90 DEGREE



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007241	COOLANT NOZZLE 1/8 SCREW PT 90 DEGREE							

Updated 202302

COOLANT NOZZLE 1/8 SCREW PT STRAIGHT



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007240	COOLANT NOZZLE 1/8 SCREW PT STRAIGHT							

Updated 202302

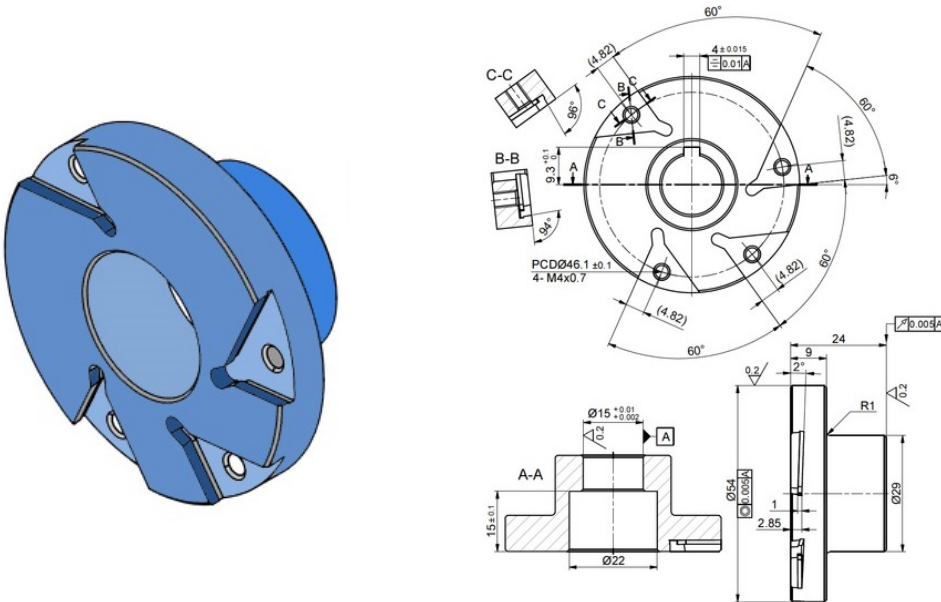
COOLNAT NOZZLE BRASS BALL OD=12 mm THREAD M6



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017199	COOLNAT NOZZLE BRASS BALL OD=12 mm THREAD M6							

Updated 202302

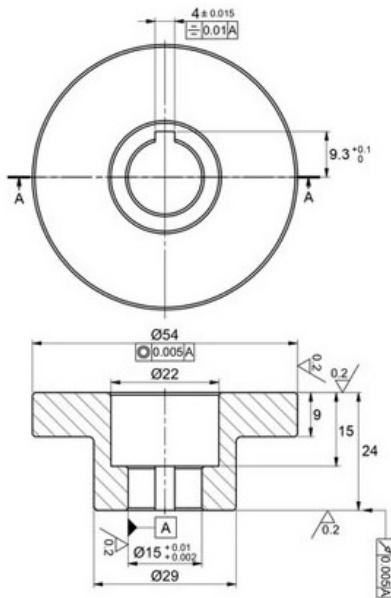
INSERT HOLDER ID=15 mm OD=45 mm FOR POLYGON UNIT WITH SLOTS
FOR KYOCERA GBA32R250



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007259	INSERT HOLDER ID=15 mm OD=45 mm FOR POLYGON UNIT WITH SLOTS FOR KYOCERA GBA32R250							

Updated 202302

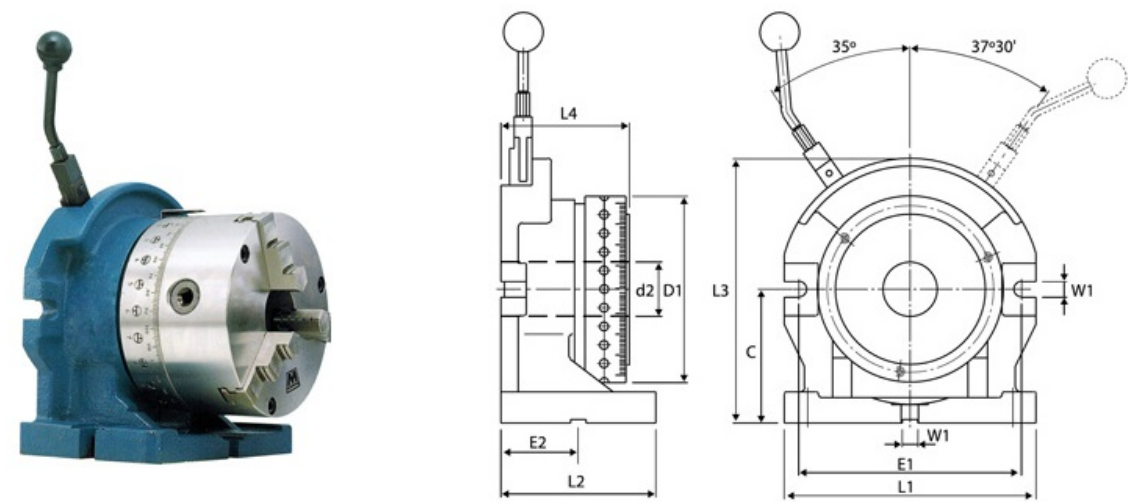
INSERT HOLDER ID=15 mm OD=45 mm FOR POLYGON UNIT WITHOUT SLOTS



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007258	INSERT HOLDER ID=15 mm OD=45 mm FOR POLYGON UNIT WITHOUT SLOTS							
	CITIZEN M20 CITIZEN M32 36 STATIC							

Updated 202302
Tool holder machine interface: N/S turret, CITIZEN M20 CITIZEN M32-36, STATIC, ANY

VICE SUPER DIVIDER HSD-7"

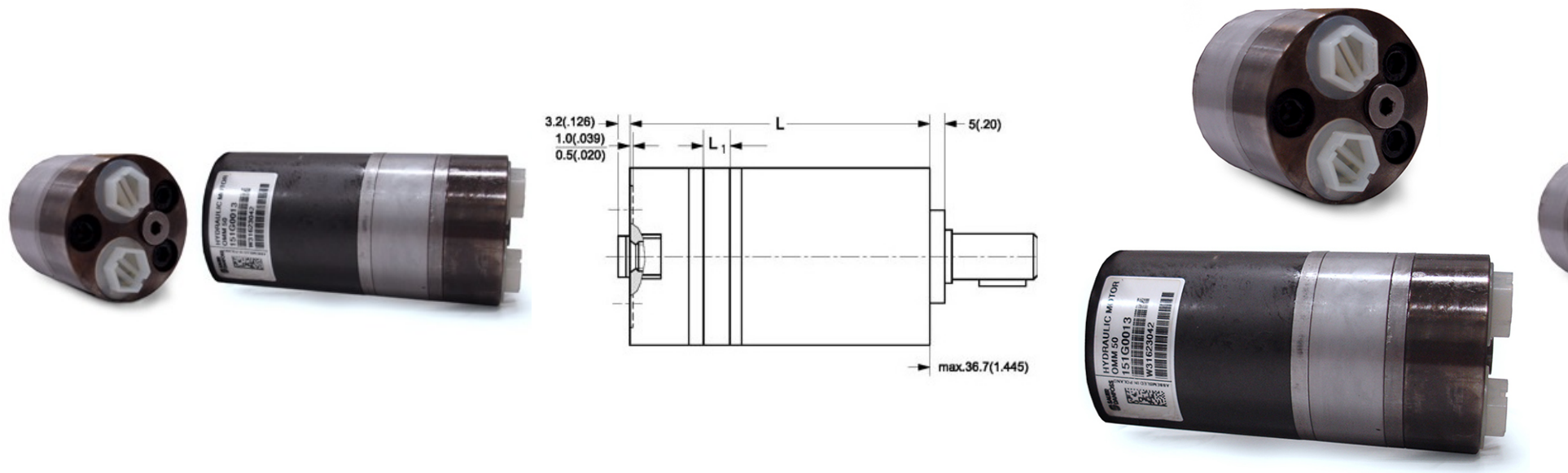


SKU	C	D1	E1	E2	W1	L1	L2	L3	L4	d2 (internal dia.)	Permissible Load
THS004725	138	192	230	80	16	260	160	273	132	Max. 56 mm	Max. 50 kg

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004725	VICE SUPER DIVIDER HSD-7"							

Updated 202302

OMM50 HYDRAULIC MOTOR END PORT METRIC



Hydraulic Motor Model	Length	
	L max.mm [in]	L1 mm [in]
THS001561	104.0 [4.09]	3.5 [0.14]
THS001564	105.0 [4.17]	5.5 [0.22]
THS001565	109.0 [4.29]	8.5 [0.33]
THS001566	114.0 [4.49]	13.5 [0.53]
THS001562	118.0 [4.65]	17.0 [0.67]
THS000281	112.0 [4.80]	21.5 [0.85]

Technical data for OMM with 16 mm and 5/8 inch cylindrical shaft

Type			OMM	OMM	OMM	OMM	OMM	OMM
Motor size			8	12.5	20	32	40	50
Geometric displacement	cm ³ in ³		8.2 (0.50)	12.9 (0.79)	19.9 (1.22)	31.6 (1.93)	39.8 (2.43)	50.3 (3.08)
Max. speed	min ⁻¹ rpm	cont.	1950	1550	1000	630	500	400
		int. 1).	2450	1940	1250	800	630	500

<u>Max.torque</u>	Nm (lbf-in)	cont.	11 (95)	16 (140)	25 (220)	40 (350)	45 (400)	46 (410)
		<u>int. 1).</u>	15 (135)	23 (200)	35 (310)	57 (500)	70 (620)	88 (780)
		<u>peak 2).</u>	21 (185)	33 (290)	51 (450)	64 (570)	82 (725)	100 (890)
<u>Max.output</u>	kW hp	cont.	1.8 (2.4)	2.4 (3.2)	2.4 (3.2)	2.4 (3.2)	2.2 (3.0)	1.8 (2.4)
		<u>int. 1).</u>	2.6 (3.5)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)
<u>Max.pressure drop</u>	bar psi	cont.	100 (1450)	100 (1450)	100 (1450)	100 (1450)	90 (1310)	70 (1020)
		<u>int. 1).</u>	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)
		<u>peak 2).</u>	200 (2900)	200 (2900)	200 (2900)	160 (2320)	160 (2320)	160 (2320)
<u>Max.oil flow</u>	l/min gpm	cont.	16 (4.2)	20 (5.3)	20 (5.3)	20 (5.3)	20 (5.3)	20 (5.3)
		<u>int. 1).</u>	20 (5.3)	25 (6.6)	25 (6.6)	25 (6.6)	25 (6.6)	25 (6.6)
<u>Max.starting.pressurewith unloaded shaft</u>	bar psi		4 (60)	4 (60)	4 (60)	4 (60)	4 (60)	4 (60)
<u>Min.startingtorque</u>	at max.press.drop cont. Nm (lbf-in)		7 (60)	12 (105)	21 (185)	34 (300)	38 (335)	41 (365)
	<u>at max.press.drop int. 1)Nm (lbf-in).</u>		10 (90)	17 (150)	29 (255)	48 (425)	62 (550)	79 (700)
<u>Min.speed 3).</u>	min⁻¹ (rpm)		50	40	30	30	30	30

Type			Max.inlet pressure
<u>OMM 08 ~ 50</u>	bar (psi)	cont.	140 (2030)
	<u>bar(psi).</u>	int. 1)	175 (2540)
	<u>bar(psi).</u>	peak 2)	225 (3260)

¹⁾ Intermittent operation: the permissible values may occur for max. 10% of every minute.

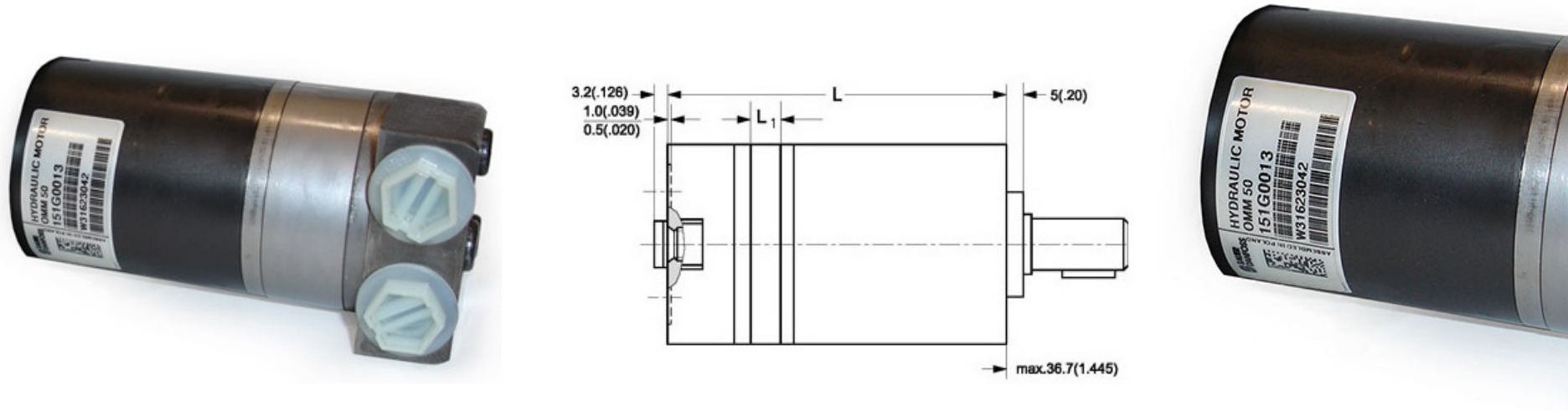
²⁾ Peak load: the permissible values may occur for max. 1% of every minute.

3) Operation by lower speeds may be slightly less smooth.

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000281	OMM50 HYDRAULIC MOTOR END PORT METRIC							
THS001561	OMM08 HYDRAULIC MOTOR END PORT METRIC							
THS001562	OMM40 HYDRAULIC MOTOR END PORT METRIC							
THS001564	OMM12.5 HYDRAULIC MOTOR END PORT METRIC							
THS001565	OMM20 HYDRAULIC MOTOR END PORT METRIC							
THS001566	OMM32 HYDRAULIC MOTOR END PORT METRIC							

Updated 202302

OMM08 HYDRAULIC MOTOR SIDE PORT METRIC



Hydraulic Motor Model		Length	
		L max mm [in]	L1 mm [in]
THS001560	OMM08 Side Port	104.0 [4.09]	3.5 [0.14]
THS001569	OMM12.5 Side Port	105.0 [4.17]	5.5 [0.22]
THS001563	OMM20 Side Port	109.0 [4.29]	8.5 [0.33]
THS001570	OMM32 Side Port	114.0 [4.49]	13.5 [0.53]
THS001567	OMM40 Side Port	118.0 [4.65]	17.0 [0.67]
THS001568	OMM50 Side Port	112.0 [4.80]	21.5 [0.85]

Technical data for OMM with 16 mm and 5/8 inch cylindrical shaft

Type			OMM	OMM	OMM	OMM	OMM	OMM
Motor size			8	12.5	20	32	40	50
Geometric displacement	cm ³ in ³		8.2 (0.50)	12.9 (0.79)	19.9 (1.22)	31.6 (1.93)	39.8 (2.43)	50.3 (3.08)
Max. speed	min ⁻¹ rpm	cont.	1950	1550	1000	630	500	400
		int. 1).	2450	1940	1250	800	630	500

<u>Max.torque</u>	Nm (lbf-in)	cont.	11 (95)	16 (140)	25 (220)	40 (350)	45 (400)	46 (410)
		<u>int. 1).</u>	15 (135)	23 (200)	35 (310)	57 (500)	70 (620)	88 (780)
		<u>peak 2).</u>	21 (185)	33 (290)	51 (450)	64 (570)	82 (725)	100 (890)
<u>Max.output</u>	kW hp	cont.	1.8 (2.4)	2.4 (3.2)	2.4 (3.2)	2.4 (3.2)	2.2 (3.0)	1.8 (2.4)
		<u>int. 1).</u>	2.6 (3.5)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)	3.2 (4.3)
<u>Max.pressure drop</u>	bar psi	cont.	100 (1450)	100 (1450)	100 (1450)	100 (1450)	90 (1310)	70 (1020)
		<u>int. 1).</u>	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)	140 (2030)
		<u>peak 2).</u>	200 (2900)	200 (2900)	200 (2900)	160 (2320)	160 (2320)	160 (2320)
<u>Max.oil flow</u>	l/min gpm	cont.	16 (4.2)	20 (5.3)	20 (5.3)	20 (5.3)	20 (5.3)	20 (5.3)
		<u>int. 1).</u>	20 (5.3)	25 (6.6)	25 (6.6)	25 (6.6)	25 (6.6)	25 (6.6)
<u>Max.starting.pressurewith unloaded shaft</u>	bar psi		4 (60)	4 (60)	4 (60)	4 (60)	4 (60)	4 (60)
<u>Min.startingtorque</u>	at max.press.drop cont. Nm (lbf-in)		7 (60)	12 (105)	21 (185)	34 (300)	38 (335)	41 (365)
	<u>at max.press.drop int. 1)Nm (lbf-in).</u>		10 (90)	17 (150)	29 (255)	48 (425)	62 (550)	79 (700)
<u>Min.speed 3).</u>	min⁻¹ (rpm)		50	40	30	30	30	30

Type			Max.inlet pressure
<u>OMM 08 ~ 50</u>	bar (psi)	cont.	140 (2030)
	<u>bar(psi).</u>	int. 1)	175 (2540)
	<u>bar(psi).</u>	peak 2)	225 (3260)

¹⁾ Intermittent operation: the permissible values may occur for max. 10% of every minute.

²⁾ Peak load: the permissible values may occur for max. 1% of every minute.

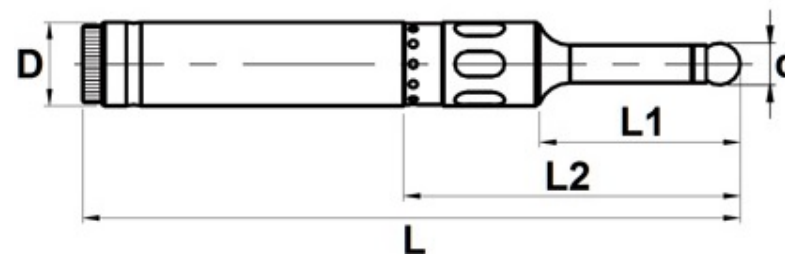
3) Operation by lower speeds may be slightly less smooth.

Updated 2021.05.11

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001560	OMM08 HYDRAULIC MOTOR SIDE PORT METRIC							
THS001563	OMM20 HYDRAULIC MOTOR SIDE PORT METRIC							
THS001567	OMM40 HYDRAULIC MOTOR SIDE PORT METRIC							
THS001568	OMM50 HYDRAULIC MOTOR SIDE PORT METRIC							
THS001569	OMM12.5 HYDRAULIC MOTOR SIDE PORT METRIC							
THS001570	OMM32 HYDRAULIC MOTOR SIDE PORT METRIC							

Updated 202302

EDGE SENSOR EEF-2010 OD=20 mm L=49 mm



SKU	Ø D	Ø d	L	L1	L2
SKP002291	20	10	158	49	81

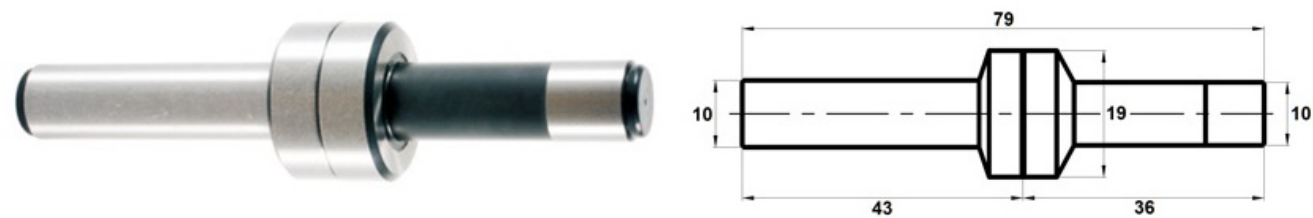
CAUTION

- Do not touch the probe by hand in order to ensure the measuring accuracy.
- If you do not use it, you need to take out the battery in order to extend the battery life.
- If the battery voltage is low, you need to replace the battery.
- The edge sensor is an electronic product, avoid using coolant with it.

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014462	EDGE SENSOR EEF-2010 OD=20 mm L=49 mm							

Updated 202302

EDGE SENSOR CR101



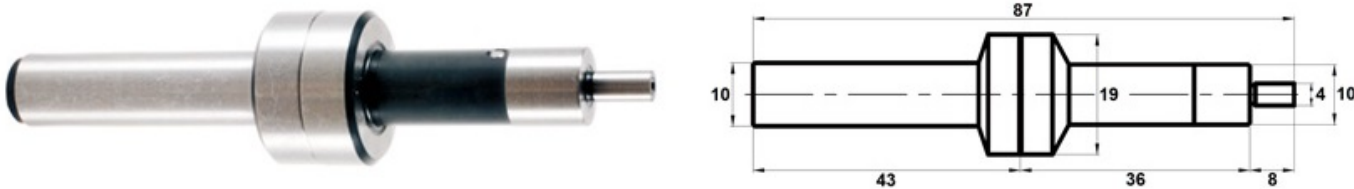
SKU	Material	Magnetic-proof	Hardness
THS004832	Stainless steel	No	HRC60° ± 2°
THS004833	Alloy steel	No	HRC60° ± 2°

Updated 2020.8.11:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004832	EDGE SENSOR CR101							
THS004833	EDGE SENSOR CR301							

Updated 202302

EDGE SENSOR CR303

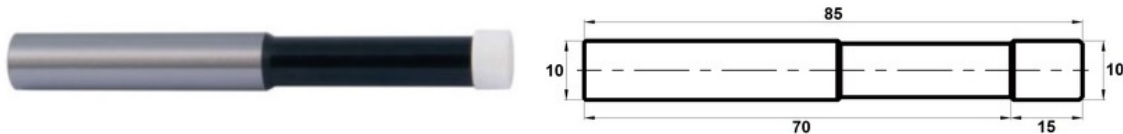


SKU	Material	Magnetic-proof	Hardness
THS004834	Alloy steel	No	HRC60° ± 2°

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004834	EDGE SENSOR CR303							

Updated 202302

EDGE SENSOR CR401



SKU	Material	Magnetic-proof	Hardness
THS004835	Alloy Steel and Ceramics	Yes	HRC60° ± 2°

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004835	EDGE SENSOR CR401							

Updated 202302

SPACER TYPE FIH5P13



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014443	SPACER TYPE FIH5P13							

Updated 202302

CUTTER HOLDER EXTERNAL E-CAHIN TYPE ER/IR SER/L-N 10x12 L=60 AS IS



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017306	CUTTER HOLDER EXTERNAL E-CAHIN TYPE ER/IR SER/L-N 10x12 L=60 AS IS							

Updated 202302

TURRET DISC TD-80-12-20-286-R FOR PRAGATI BTP-80 TURRET

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017312	TOOL DISC 12 POS THSD-80-12-20-286-R							
THS017320	TURRET DISC TD-80-12-20-286-R FOR PRAGATI BTP-80 TURRET							

Updated 202302

COLLET NUT SD06



SKU	Ø D	L	G
THS004822	20	15	M14 x 1.0
THS004824	29	17	M22 x 1.0
THS004825	41	24	M32 x 1.5
THS004826	50	25	M40 x 1.5
THS004827	55	28	M45 x 1.5
THS004822	20	15	M14 x 1.0
THS004824	29	17	M22 x 1.0
THS004825	41	24	M32 x 1.5
THS004826	50	25	M40 x 1.5
THS004827	55	28	M45 x 1.5

• Titanizing Ti model reduces the wear of clamping nut and collets, thus improving accuracy and lifetime.

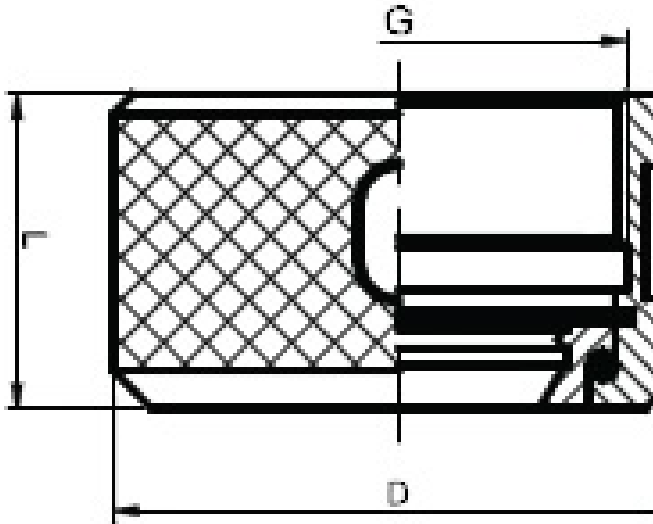
Updated 2021.05.11

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004822	COLLET NUT SD06							
THS004824	COLLET NUT SD10							

<u>THS004825</u>	COLLET NUT SD16							
<u>THS004826</u>	COLLET NUT SD20							
<u>THS004827</u>	COLLET NUT SD25							

Updated 202302

COLLET NUT OZ25



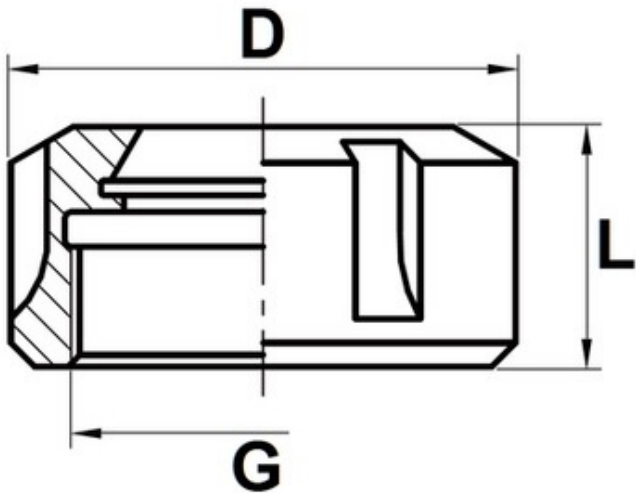
SKU	D	L	G
THS004821	60	33	M48 x 2.0
THS004823	78	40	M60 x 2.5

Updated 2020.8.11:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004821	COLLET NUT OZ25							
THS004823	COLLET NUT OZ32							

Updated 202302

COLLET NUT ER25



SKU	Ø D	L	G	Clamping Torque
THS004816	42	20	M32x1.5	20
THS004818	50	22.5	M40x1.5	22
THS004819	63	25.5	M50x1.5	25

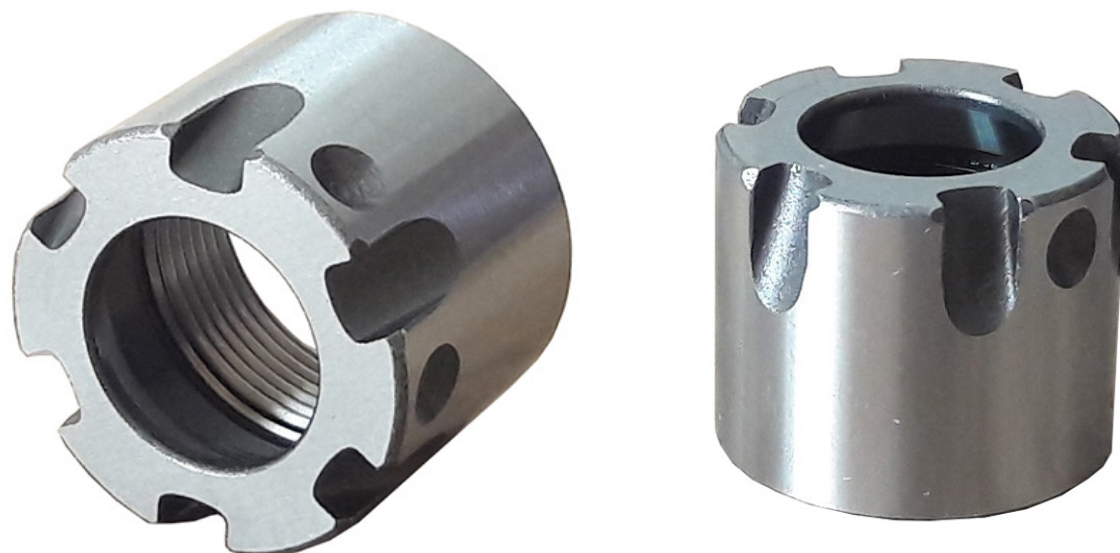
CAUTION: Do not overtighten the nuts!

Updated 2020.09.12:12:45

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004816	COLLET NUT ER25							
THS004818	COLLET NUT ER32							
THS004819	COLLET NUT ER40							
THS004820	COLLET NUT ER50							

Updated 202302

COLLET NUT ER11M



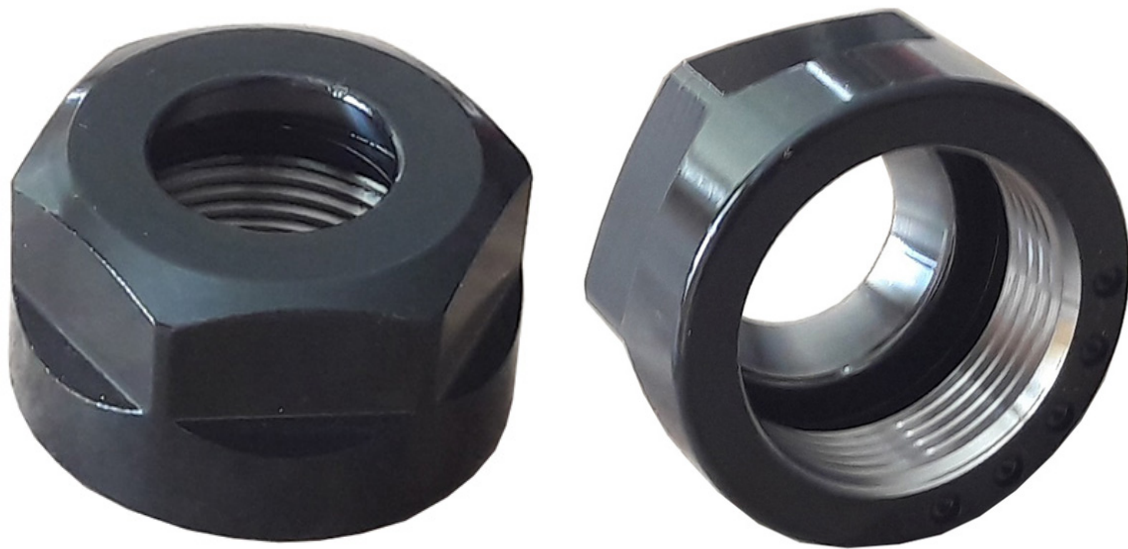
SKU	Ø D	L	G	Clamping Torque
THS004810	17.5	12	M13x0.75	3
THS004813	22	18	M19x1.0	4
THS004815	28	19	M24x1.0	8
THS004841	35	20	M30x1.0	15

CAUTION: The tightening of the clamping nut shall not exceed limited torques, otherwise the toolholder, clamping nuts and collets may be damaged or worn out.

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004810	COLLET NUT ER11M							
THS004813	COLLET NUT ER16M							
THS004815	COLLET NUT ER20M							
THS004841	COLLET NUT ER25M							

Updated 202302

COLLET NUT ER16



SKU	Ø D	L	G	Clamping Torque
THS004812	19	12	M14x0.75	5
THS004811	30	17.5	M22x1.5	7
THS004814	34	19	M25x1.5	12

CAUTION: The tightening of the clamping nut shall not exceed limited torques, otherwise the toolholder, clamping nuts and collets may be damaged or worn out.

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004811	COLLET NUT ER16							
THS004812	COLLET NUT ER11							
THS004814	COLLET NUT ER20							

NUT ER25 AZ

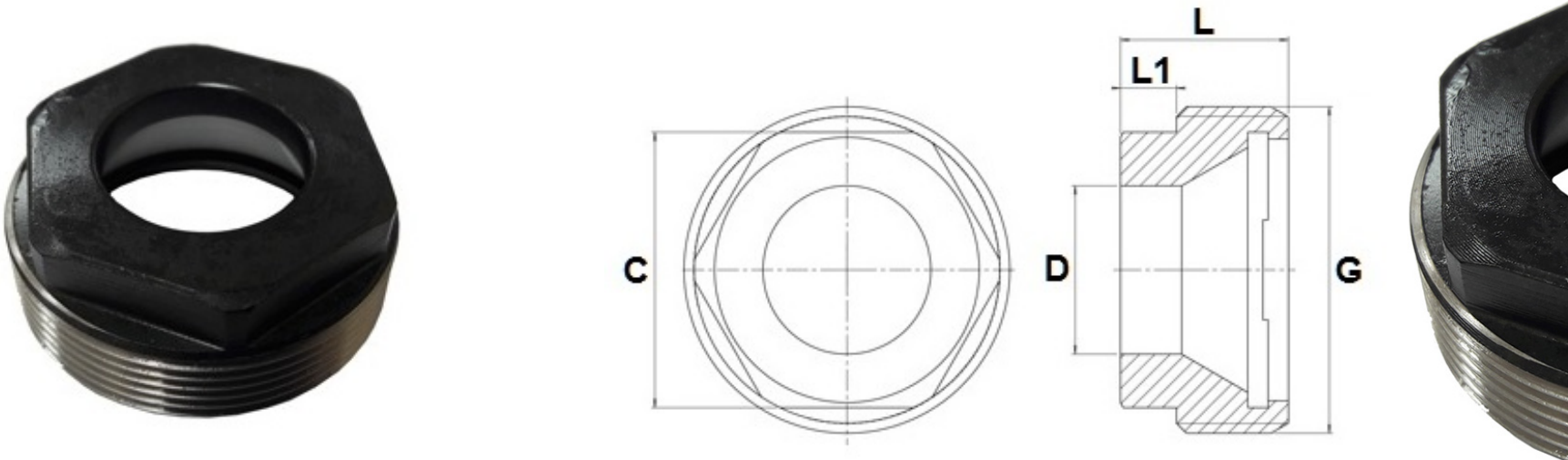


SKU	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	Serration Pitch	Matching Chuck	3 Jaw Weight (kg)
THS004168	86	35	51	14	5	31	25	18	19	13	12	M12	12	1.5x60°	N-208, V-208	1.9
THS004169	99.5	40	54	16	5	43	30	17	19	13	13	M12	15	1.5x60°	N-210, V-210	2.9
THS004172	149	62	86	22	8	63	43	34	32	21	20	M20	40	1.5x60°	N-215, N-218	9.6
THS004173	149	62	86	25.5	5	63	43	34	32	21	20	M20	40	1.5x60°	V-215, V-218	9.5

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS016549	NUT ER25 AZ							

Updated 202302

COLLET NUT ER32A EXTERNAL THREAD M40x1.5 FOR COMPACT HEADS



SKU	C	Ø D	G	L	L1
THS004817	27	16.5	M32x1.50	16.5	5.5
THS003844	34	20.5	M40x1.50	17	6

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003844	COLLET NUT ER32A EXTERNAL THREAD M40x1.5 FOR COMPACT HEADS							
	ER 32 N/S	STRIGHT	ER32	17 mm	STATIC STATIC	UNIVERSAL	NO COOLANT	STRIGHT
THS004817	COLLET NUT ER25A EXTERNAL THREAD M32x1.5 FOR COMPACT HEADS							

Updated 202302

POSITIONING LUG OD=12 mm FOR NAKAMURA



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017241	POSITIONING LUG OD=12 mm FOR NAKAMURA							

Updated 202302

POSITIONING LUG OD=18 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017235	POSITIONING LUG OD=18 mm							
	<u>Any N/D N/D</u>	OTHER	18 mm	0	STATIC STATIC	STRIGHT	INTERNAL COOLANT THROUGH	STRIGHT

Updated 202302

O-Rings O-ring



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000631	O-RING ID=44 mm CS= 3.0 mm FOR VDI50 MAZAK							
THS001401	O-RING 20x3.5 mm							
THS003918	O-RING ID= 8.8 mm CS= 1.9 mm FOR MAZAK COOLANT INLET							
THS004922	O-RING ID=38.77 mm CS= 2.62 mm FOR OKUMA AND VDI40 SHANK							
	VDI 30 SPUR-MT							
THS004965	O-RING FOR VDI30 SHANK							
	VDI 40 SPUR-MT							
THS007221	O-RING 26x2.0 mm							
THS007222	O-RING 34x3.0 mm							
THS007223	O-RING ID=42 mm CS= 2.0 mm							
THS007224	O-RING ID=46 mm CS= 1.5 mm							
THS007225	O-RING ID=51 mm CS= 2.0 mm							

THS007226	O-RING ID=55 mm CS= 2.0 mm
THS007227	O-RING ID=60 mm CS= 1.5 mm
THS007228	O-RING ID=60 mm CS= 2.0 mm
THS007229	O-RING 38.77x2.62 mm
THS007230	O-RING ID= 8.8 mm CS= 1.9mm P9
THS007231	O-RING ID=40 mm CS= 2.0 mm
THS007232	O-RING ID=41 mm CS= 1.78 mm
THS007342	O-RING 036020-005 (Part#8)
THS007344	O-RING 062020-005 (Part#7)
THS013871	O-RING ID= 19 mm CS= 2.54 mm
THS013872	O-RING ID=14 mm CS= 1.8 mm
THS016569	O-RING ID=20 mm CS= 1.0 mm FOR VDI30 WEDGE
THS016726	O-RING ID=36.17 mm CS= 2.62 mm BUNA NITRILE
THS016727	O-RING ID=38 CS=1.77 BUNA NITRILE
THS017274	O-RING ID=20 mm CS=3.4 mm
THS017359	O-RING 26x3 FOR MORI SEIKI

Updated 202302

REPAIR

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013890	REPAIR							

Updated 202302

BEARING NK1816-010



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017154	BEARING NK1816-010							

Updated 202302

AHL REPAIR KIT



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014222	AHL REPAIR KIT							

Updated 202302

Quick Change Tooling Accessories ER2528



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302

Quick Change Tooling Accessories ER3228



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302

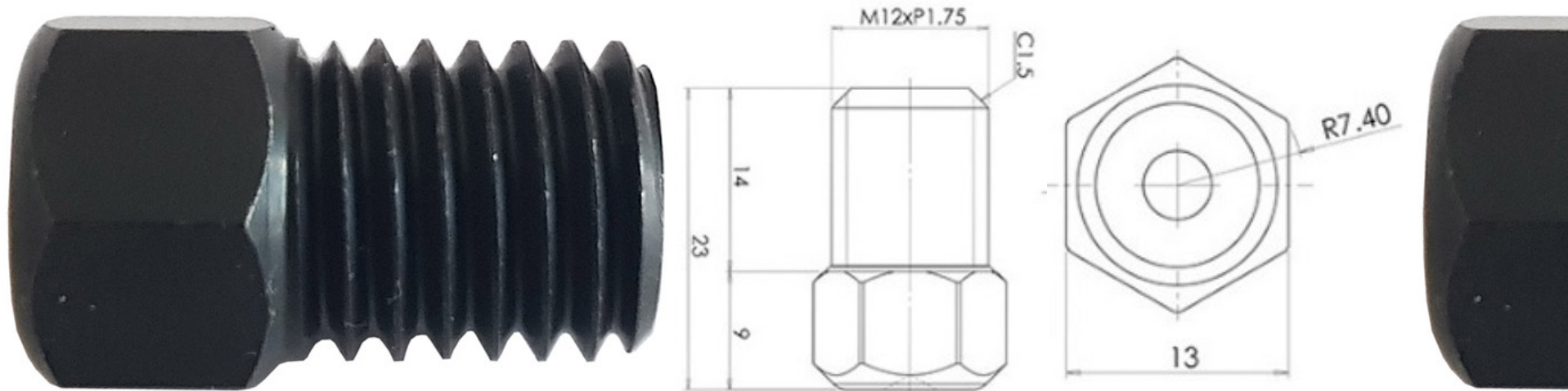
SCREW M08x08



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS005810	SCREW M08x08							
THS005840	SCREW OH-SME100010							
THS005841	SCREW OH-SM06006							
THS005842	SCREW OH-PTJ20000 3/8							
THS005843	SCREW OH-PTJ010000							
THS013943	SET SCREW HEX M10 L= 25 mm							
THS014445	SET SCREW HEX M04 L= 10 mm							
THS014567	SET SCREW HEX M08 L= 20 mm							
THS016534	SET SCREW M12x20							
THS017298	SET SCREW HEX M08 L= 16 mm							

Updated 202302

BOLT M12x1.5 mm L=11 mm



BOLT M12x1.5 mm L=14 mm FOR MAZAK SQT15 MAZAK SQT18

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007168	BOLT M12x1.5 mm L=11 mm							
THS013732	BOLT M12x1.5 mm L=14 mm FOR MAZAK SQT15 MAZAK SQT18							

Updated 202302

BOLT SOCKET HEAD CAP L=25 mm THREAD M12



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017439	BOLT SOCKET HEAD CAP L=25 mm THREAD M12							

Updated 202302

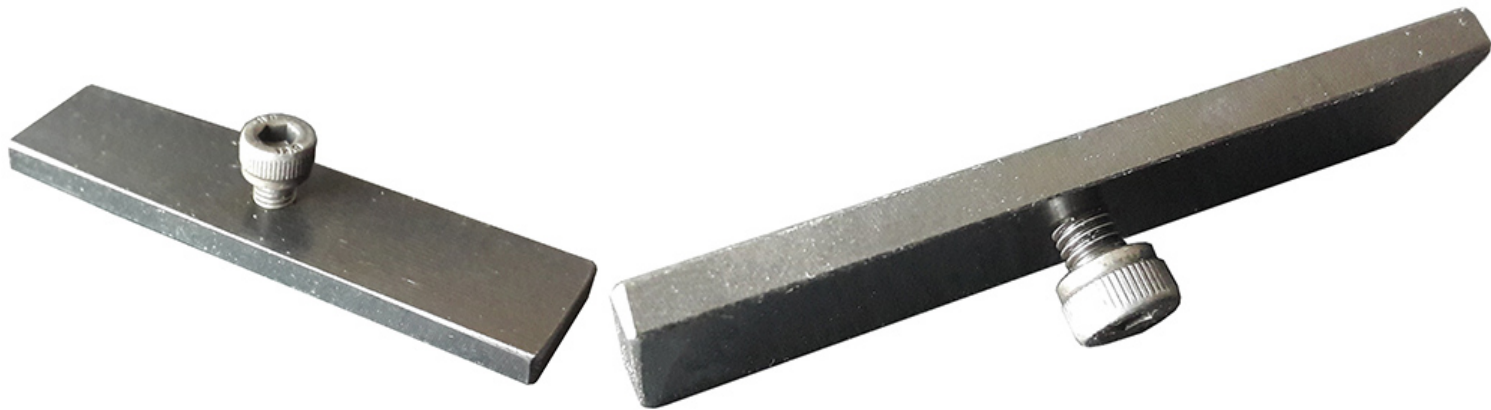
SHIM 0.95 mm L=65 mm W=20 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS016673	SHIM 0.95 mm L=65 mm W=20 mm							
THS016728	SHIM 1.00 mm mm L=65 mm W=20 mm							

Updated 202302

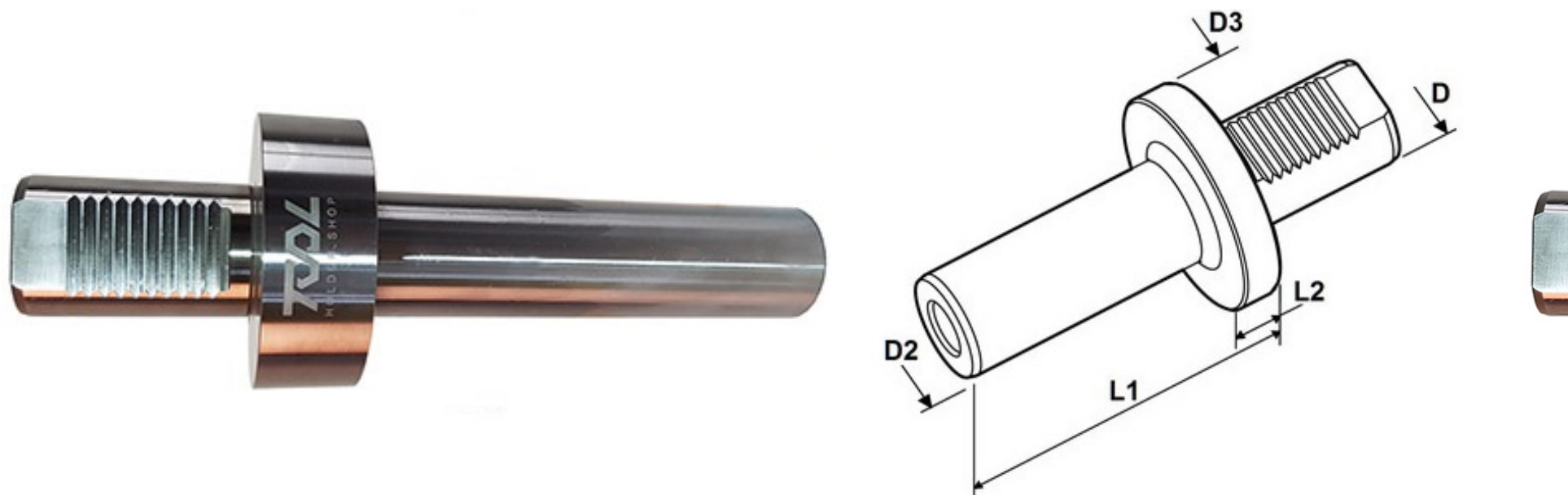
SPACER PLATE 4 mm CONVERTS 20 mm to (5/ 8)"



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS016732	SPACER PLATE 4 mm CONVERTS 20 mm to (5/ 8)"							

Updated 202302

VDI30 TEST BAR Z AXIS OD=40 mm L=230 mm



SKU	D DIN 69880	D2	D3	L1	L2
THS000007	16	30	40	120	15
THS000008	20	40	50	150	15
THS000824	25	40	58	150	15
THS000006	30	30	68	115	15
THS000001	30	40	68	200	15
THS000825	40	40	83	100	15
THS000826	40	40	83	115	15
THS000827	40	40	83	150	15
THS000828	40	40	83	200	15
THS000829	50	50	98	115	15
THS000830	50	40	98	150	15
THS000831	50	40	98	200	15
THS000832	60	60	123	180	15
THS000833	60	40	123	200	15

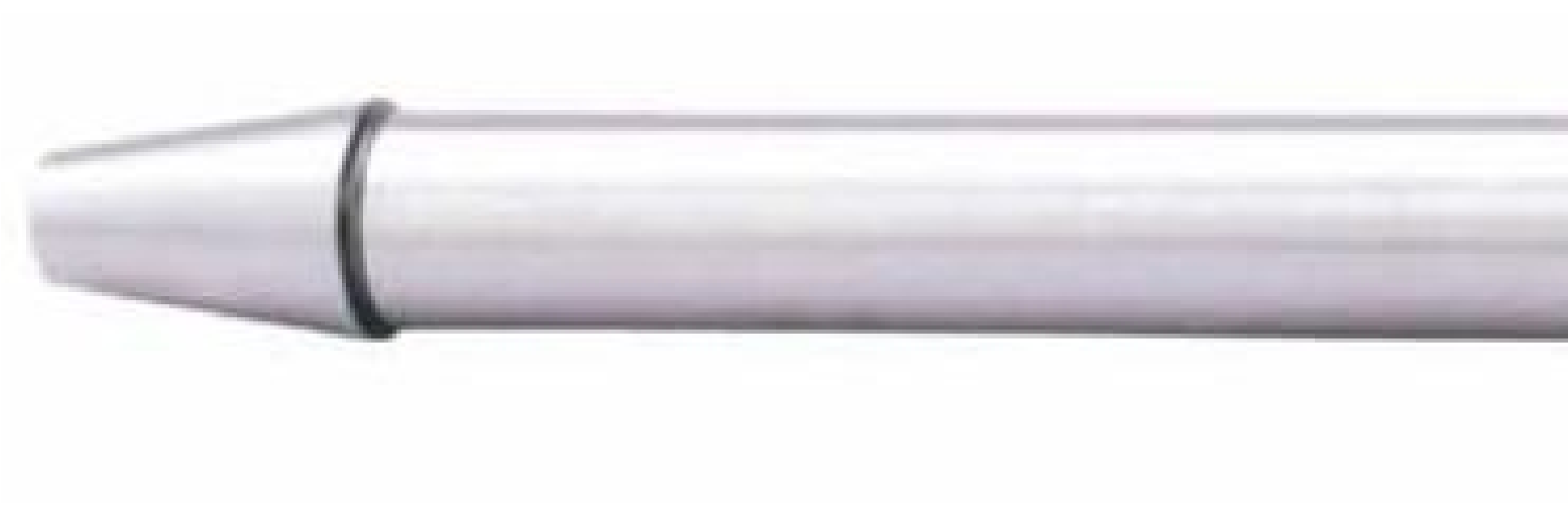
SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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THS000000	VDI30 TEST BAR Z AXIS OD=40 mm L=230 mm							
	VDI 30 STATIC	STRIGHT	40 mm	230 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000001	VDI30 TEST BAR Z AXIS L=200 mm							
	VDI 30 STATIC	STRIGHT		200 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000006	VDI30 TEST BAR Z AXIS L=115 mm							
	VDI 30 STATIC	STRIGHT		115 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000007	VDI16 TEST BAR Z-AXIS L=120 mm							
	VDI 16 STATIC	STRIGHT		120 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000008	VDI20 TEST BAR Z-AXIS L=150 mm							
	VDI 20 STATIC	STRIGHT		150 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000031	VDI30 TEST BAR Z AXIS L=125 mm							
	VDI 30 STATIC	STRIGHT		125 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000824	VDI25 TEST BAR Z AXIS L=150 mm							
	VDI 25 STATIC							
THS000825	VDI40 TEST BAR Z AXIS L=100 mm							
	VDI 40 STATIC							
THS000826	VDI40 TEST BAR Z AXIS L=115 mm							
	VDI 40 STATIC							
THS000827	VDI40 TEST BAR Z AXIS L=150 mm							
	VDI 40 STATIC							
THS000828	VDI40 TEST BAR Z AXIS L=200 mm							
	VDI 40 STATIC							
THS000829	VDI50 TEST BAR Z AXIS L=115 mm							
	VDI 50 STATIC							
THS000830	VDI50 TEST BAR Z AXIS L=150 mm							
	VDI 50 STATIC							
THS000831	VDI50 TEST BAR Z AXIS L=200 mm OD=40 mm							
	VDI 50 STATIC							
THS000832	VDI60 TEST BAR Z AXIS L=180 mm							
	VDI 60 STATIC							
THS000833	VDI60 TEST BAR Z AXIS L=200 mm							
	VDI 60 STATIC							
THS007361	VDI30 TEST BAR Z AXIS L=190 mm							
THS007362	VDI40 TEST BAR Z AXIS L=190 mm							

<u>THS007363</u>	VDI50 TEST BAR Z AXIS L=190 mm OD=50 mm							
<u>THS007459</u>	VDI40 TEST BAR Z AXIS L=230 mm							

Updated 202302

CAT40 TEST BAR L=300 mm



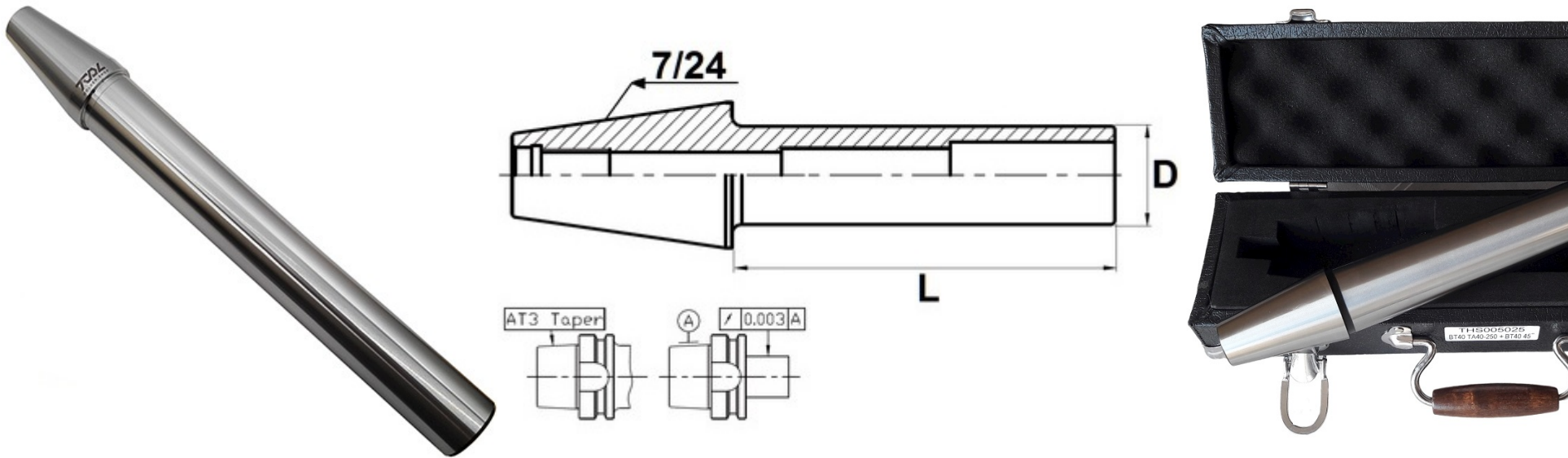
SKU	D	L	Roundness	Concentricity	Net Weight (kg)
THS005119	40	160	< 0.003	< 0.005	3.30
THS005120	40	250			3.70
THS005766	40	250			4.20
THS005790	40	315			4.50
THS005791	40	350			4.90
THS005792	63	315			10.20
THS005793	63	350			10.90

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003699	CAT40 TEST BAR L=300 mm							
	CAT 40 STATIC							
THS005119	CAT40 TEST BAR L=160 mm							
THS005120	CAT40 TEST BAR L=250 mm							
THS005766	CAT50 TEST BAR D=40mm L=250mm							

<u>THS005790</u>	CAT50 TEST BAR D=40mm L=315mm							
<u>THS005791</u>	CAT50 TEST BAR D=40mm L=350mm							
<u>THS005792</u>	CAT50 TEST BAR D=63mm L=315mm							
<u>THS005793</u>	CAT50 TEST BAR D=63mm L=350mm							
<u>THS013639</u>	CAT50 TEST BAR D=63mm L=400mm							
<u>THS013640</u>	CAT50 TEST BAR D=40mm L=400mm							
<u>THS013642</u>	CAT50 TEST BAR D=50mm L=500mm							
<u>THS013643</u>	CAT50 TEST BAR D=50mm L=350mm							

Updated 202302

BT40 TEST BAR OD=40 mm L=300 mm



SKU	Ø D	L
THS004788	30	230
THS005744	30	250
THS002036	40	300
THS007338	50	300
=	40	200
=	60	300

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS002036	BT40 TEST BAR OD=40 mm L=300 mm							
	BT 40 TAPER							
THS002037	BT50 TEST BAR OD=50 mm L=350 mm							
THS004788	BT30 TESTING BAR OD=30 mm L=230 mm							
	BT 30 TAPER							
THS005025	BT40 TEST BAR OD=40 mm L=250 mm							
THS005026	BT40 TEST BAR OD=40 mm L=350 mm							

<u>THS005355</u>	BT50 TEST BAR OD=40 mm L=315 mm							
<u>THS005356</u>	BT50 TEST BAR OD=40 mm L=350 mm							
<u>THS005357</u>	BT50 TEST BAR OD=40 mm L=400 mm							
<u>THS005358</u>	BT50 TEST BAR OD=63 mm L=315 mm							
<u>THS005744</u>	BT30 TESTING BAR OD=30 mm L=250 mm							
<u>THS005745</u>	BT30 TESTING BAR OD=30 mm L=200 mm							
<u>THS007338</u>	BT50 TEST BAR OD=40 mm L=300 mm							
	<u>BT 50 TAPER</u>							
<u>THS017247</u>	BT50 TEST BAR OD=50 mm L=315 mm							
	<u>BT 50 STATIC</u>	STRIGHT	50 mm	315 mm	STATIC STATIC	STRIGHT	NO COOLANT	STRIGHT
<u>THS017248</u>	BT50 TEST BAR OD=50 mm L=400 mm							
	<u>BT 50 STATIC</u>	STRIGHT	50 mm	400 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
<u>THS017277</u>	BT30 TESTING BAR MASTER OD=25 mm L=250 mm 3 mu							
<u>THS017278</u>	BT30 TESTING BAR MASTER OD=32 mm L=150 mm 3 mu							
<u>THS017279</u>	BT30 TESTING BAR MASTER OD=32 mm L=235 mm 3 mu							
<u>THS017280</u>	BT30 TESTING BAR MASTER OD=32 mm L=300 mm 3 mu							
	<u>BT 30 STATIC</u>	STRIGHT	32 mm	300 mm	STATIC STATIC	STRIGHT	NO COOLANT	STRIGHT

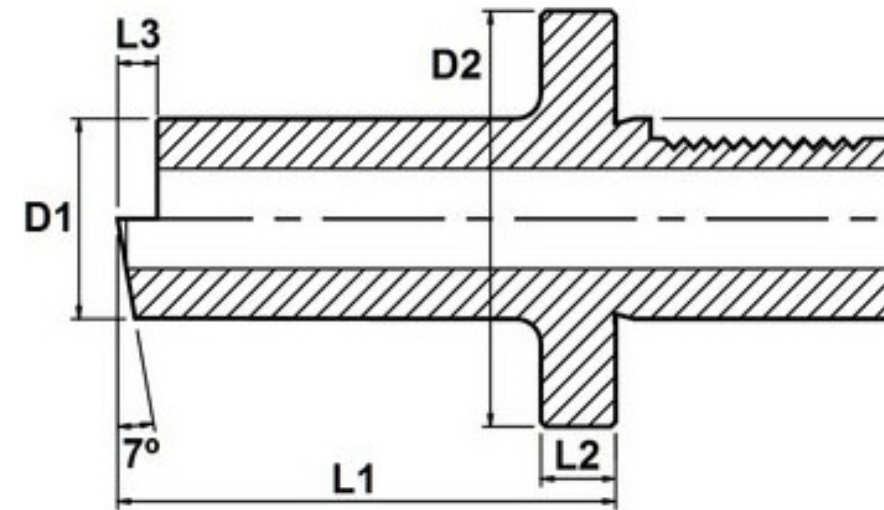
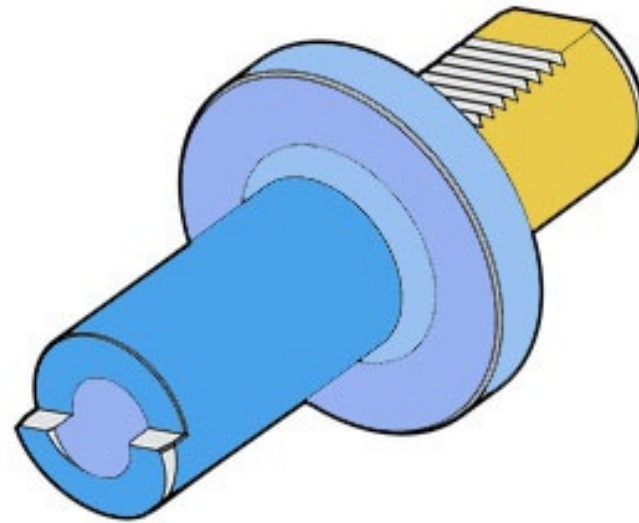
Updated 202302

HSK63A TEST BAR OD=40 mm L=300 mm

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS002634	HSK63A TEST BAR OD=40 mm L=300 mm							
THS002635	HSK100A TEST BAR OD=50 mm L=300 mm							
THS006335	HSK63A TEST BAR OD=40 mm L=200 mm							
THS015385	HSK100A TEST BAR OD=40 mm L= 50 mm							

Updated 202302

VDI30 TEST BAR X AXIS L=100 mm



SKU	D DIN 69880	d	D1	D2	L1	L2	L3
THS000262	20	20	30	50	100	15	8
THS000057	30	20	30	68	100	15	8
THS000263	40	20	40	83	100	15	8
THS000264	50	20	80	98	100	20	8

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000057	VDI30 TEST BAR X AXIS L=100 mm							
	VDI 30 STATIC	STRIGHT		100 mm	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
THS000262	VDI20 TEST BAR X-AXIS L=100 mm							
	VDI 20 STATIC							
THS000263	VDI40 TEST BAR X AXIS L=100 mm							
	VDI 40 STATIC							
THS000264	VDI50 TEST BAR X AXIS L=100 mm							
	VDI 50 STATIC							
THS000265	VDI60 TEST BAR X-AXIS L=100 mm							
	VDI 60 STATIC							

Updated 202302

Tool holder machine interface: N/S turret, VDI-30, STATIC, ANY

ER11 TESTING BAR L= 60 mm



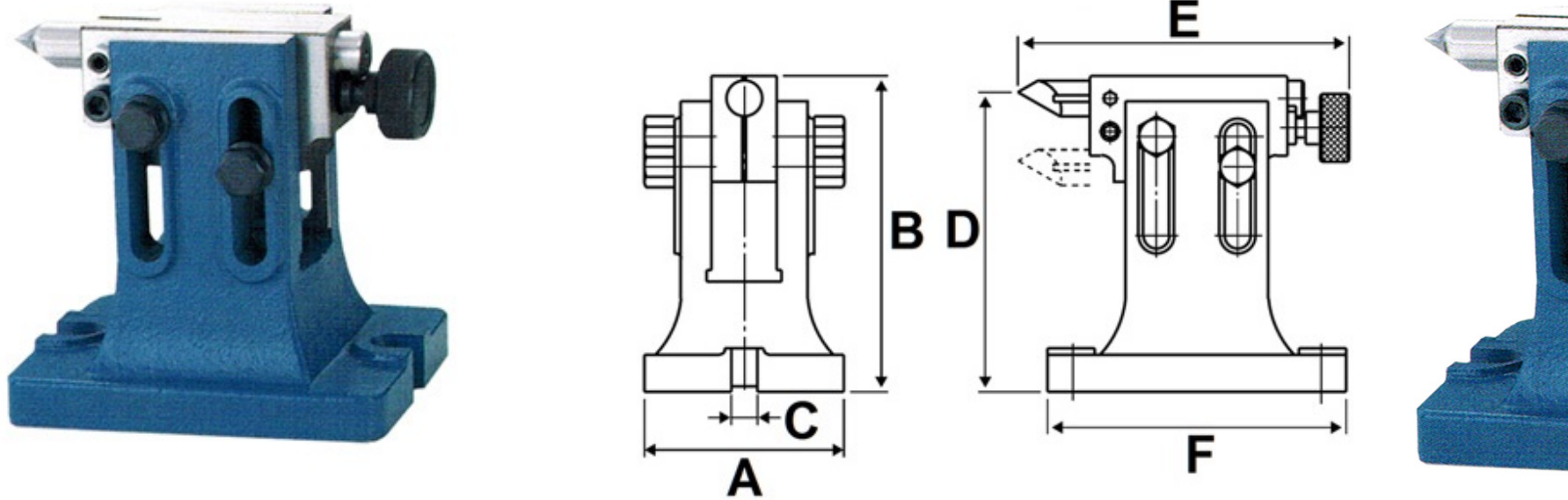
SKU	D	D1	L
THS003932	ER11	7	60
THS013471	ER11	7	100
THS003937	ER16	11	60
THS013475	ER20	10	100
THS003938	ER20	13	60
THS003939	ER25	15	65
THS003940	ER32	18	80
THS003941	ER40	18	80
THS003934	ER50	18	80
THS004125	ER50	25	100

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003932	ER11 TESTING BAR L= 60 mm							
	ER 11 STATIC							
THS003934	ER50 TESTING BAR L= 80 mm							
	ER 50 STATIC							
THS003937	ER16 TESTING BAR L= 60 mm							
	ER 16 STATIC							

THS003938	ER20 TESTING BAR L= 60 mm							
	ER 20 STATIC							
THS003939	ER25 TESTING BAR L= 66 mm							
	ER 25 STATIC							
THS003940	ER32 TESTING BAR L= 80 mm							
	ER 32 STATIC							
THS003941	ER40 TESTING BAR L= 80 mm							
	ER 40 STATIC							
THS004125	ER50 TESTING BAR L=100 mm							
	ER 50 STATIC							
THS013471	ER16 TESTING BAR L=100 mm							
THS013475	ER20 TESTING BAR L=100 mm							

Updated 202302
Tool holder machine interface: N/S turret, ER-11, STATIC, ANY

TAILSTOCK TS-5



SKU	Suitable Spacer	A	B	C	D		E	F
					Max.	Min.		
THS013918	CC-6" / CS-6"	125	147	16	138	115	194	177
THS004726	CC-8" / CS-8"	123	194	16	170	130	204	184

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004726	TAILSTOCK TS-5							
THS013918	TAIL STOCK FOR CC-6" (OR CS-6") SPACER							

Updated 202302

N-206 CHIP COVER



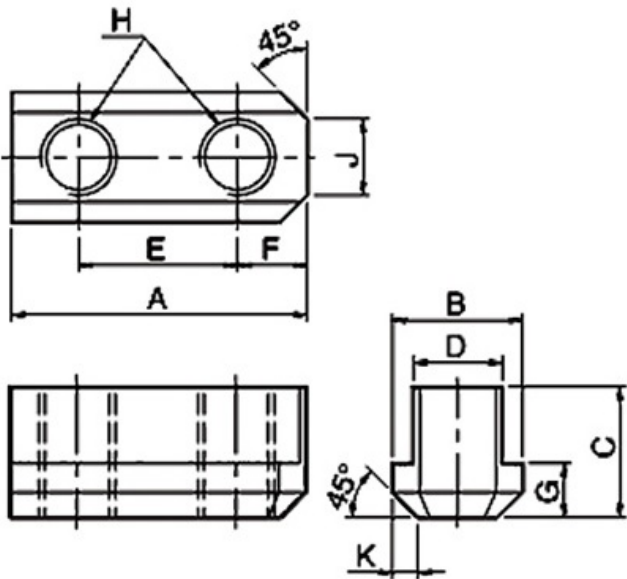
SKU	ØA	0 -0.05	ØB	+0.10 +0.05	ØC	-0.10 -0.20	ØD	0 -0.05	E	F±0.1	ØG	H	ØJ	K
N0204	48		26		29		4		30.5	37	8	2.5	4.7	19.8
N0205	56		33		36		4		31	44	8	2.5	4.7	23
N0206	70		45		48		5		38	58	10	3.5	5.7	28.5
N0208	82		52		56		6		47	70	10	3.5	5.7	34
N0210	110		75		79		6.6		51	95	11	4	6.8	46
N0212	128		91		96		6.5		58	114	11	4	6.8	55
NB306	78		52		55		5		40	66	10	3.5	5.7	32.5
NB208	93		66		68.5		6		48	81	10	3.5	5.7	40.5
NB210	112		78		82		6.6		51	97	11	4	6.8	47.3
NB212	162		122		128		6.5		58	148	11	4	6.8	72

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003832	N-206 CHIP COVER							
THS003833	N-208 CHIP COVER							

<u>THS003834</u>	NB-208 CHIP COVER							
<u>THS003835</u>	NB-210 CHIP COVER							
<u>THS004887</u>	NB-306 CHIP COVER							
<u>THS004942</u>	NB-212 CHIP COVER							
<u>THS005068</u>	N-210 CHIP COVER							

Updated 202302

T-NUT FOR (12)" CHUCK N TYPE



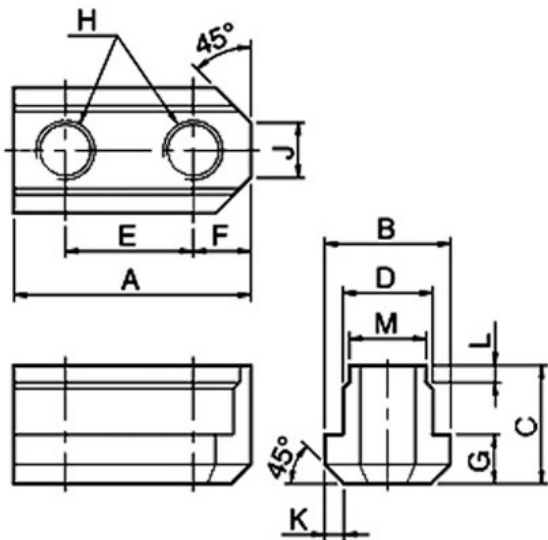
SKU	A	B	C	D	E	F	G	H	J	K	Matching Chuck
SKP014344	26	14.5	15	10	14	6	5.5	M8	5	2	N-204, N-205
SKP013994	36	17.5	18.5	12	20	8.2	7.5	M10	8	2.5	N-206, NB-306
THS006803	46.5	20.5	20.5	14	25	10.5	8.5	M12	12	4	N-208, NB-208
SKP011479	51	20.5	21.5	16	30	11	8.5	M12	11	3	N-210, NB-210
THS001615	55.5	29.5	27.8	21	30	12	11.5	M16	13	4.5	N-212, NB-212
SKP014356	36.5	17.5	22.5	12	20	7.5	7.5	M10	6	3	V-206, NHT-208
SKP014357	48	20.5	25.5	14	25	11	9.5	M12	8	4	V-208
SKP014358	55	22.5	25.5	16	30	11	9.5	M12	8	4	V-210
SKP014359	55.5	26.5	33.5	18	30	11.5	13.5	M14	12	5	V-212

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001615	T-NUT FOR (12)" CHUCK N TYPE							
THS006803	T-NUT FOR (8)" CHUCK N TYPE							
THS015377	T-NUT FOR (5)" CHUCK N TYPE							

<u>THS015378</u>	T-NUT FOR (6)" CHUCK N TYPE							
<u>THS015379</u>	T-NUT FOR (10)" CHUCK N TYPE							
<u>THS015388</u>	T-NUT FOR (6)" CHUCK V TYPE							
<u>THS015389</u>	T-NUT FOR (8)" CHUCK V TYPE							
<u>THS015390</u>	T-NUT FOR (10)" CHUCK V TYPE							
<u>THS015391</u>	T-NUT FOR (12)" CHUCK V TYPE							

Updated 202302

T-NUT FOR (15)" CHUCK N TYPE

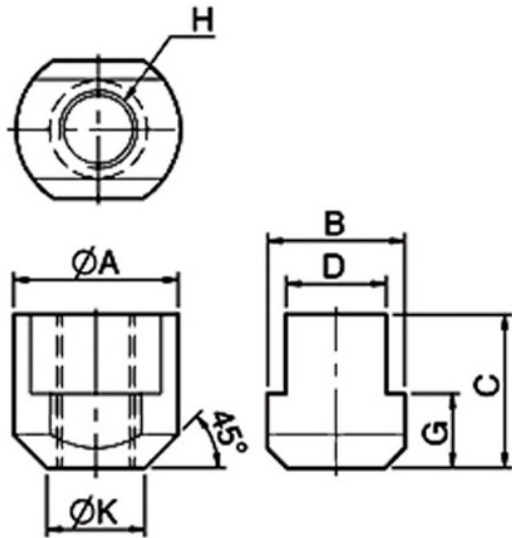


SKU	A	B	C	D	E	F	G	H	J	K	L	M	Matching Chuck
THS001154	80	33.5	45.5	24	43	17	16.5	M20	11	5	8	22	N-215, N-218

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001154	T-NUT FOR (15)" CHUCK N TYPE							

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T-NUT FOR (15)" CHUCK V TYPE

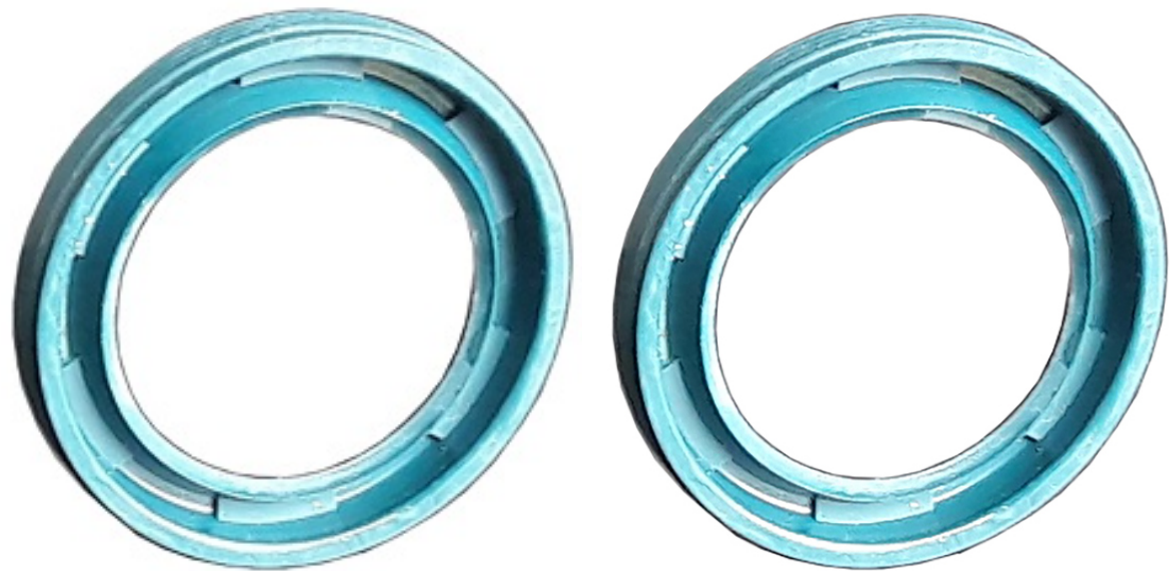


SKU	A	B	C	D	G	H	K	Matching Chuck
SKP014360	Ø42	35	29.2	25.5	19	M20	Ø25	V-215, V-218
SKP014361	Ø42	35	41.2	26	19	M20	Ø25	V-215P3.0
SKP014362	Ø46	37.5	45	25	19	M20	Ø26.5	N-220, N-224, V-221, V-224, V-232

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015392	T-NUT FOR (15)" CHUCK V TYPE							
THS015393	T-NUT FOR (24)" CHUCK V TYPE							
THS015394	T-NUT FOR (15)"-(26)" CHUCK V TYPE							

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Spare Parts Gasket Seal (VG4555-004) 45x55x4L



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003049	TSUGAMI DRILLING MILLING AXIAL HEAD ER25 COOLANT THROUGH SEALS SET							
THS007177	GASKET SEAL VG2228-004 22x28x4L-VG							
THS009526	Gasket Seal (SD2533-004) 25x33x4L							
THS017151	GASKET SEAL (VG4050-004) 40x50x4L							
THS017152	GASKET SEAL (SD1826-004) 18x26x4L							
THS017197	GASKET SEAL SD2026-004							

Updated 202302

VDI40 DIN5480 SPLINE RING



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007253	VDI40 DIN5480 SPLINE RING							
THS015188	VDI30 DIN5480 SPLINE RING							
THS015189	VDI60 DIN5480 SPLINE RING							
THS015190	VDI50 DIN5480 SPLINE RING							
THS015191	VDI20 DIN5480 SPLINE RING							

Updated 202302

STAR-BR34-ER16M-2C BEVEL GEAR M1.35x17TxD8x12.44L-L

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007423	STAR-BR34-ER16M-2C BEVEL GEAR M1.35x17TxD8x12.44L-L							
THS007424	STAR-BR34-ER16M-2C BEVEL GEAR M1.35x17TxD8x12.44L-R							

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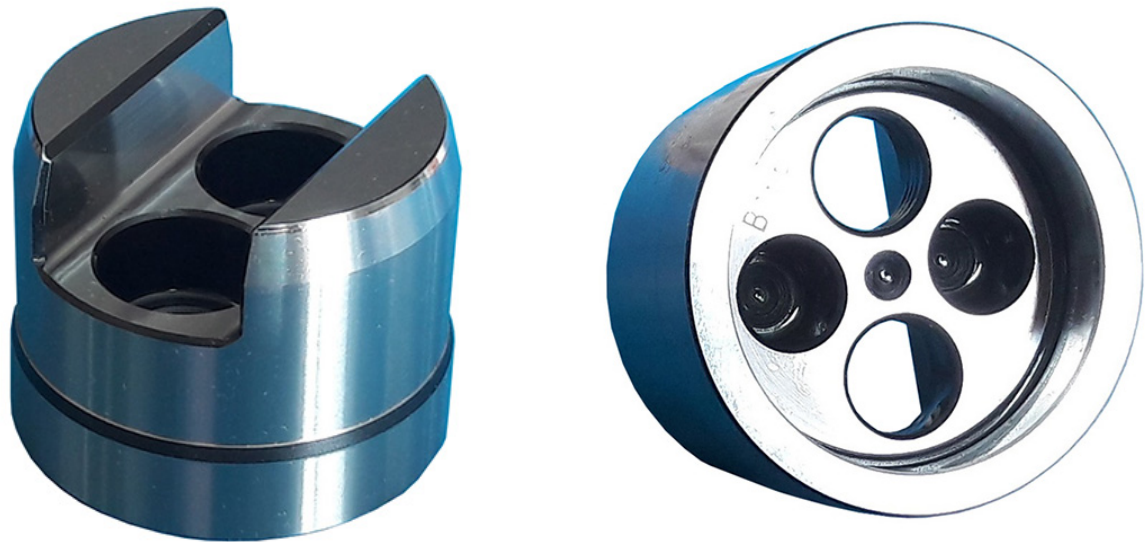
SHIM 060110-120



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014814	SHIM 060110-120							
THS014815	SCREW M06020-061							
THS014816	KEY 050515-032							
THS014817	GEAR BEVEL FOR MIYANO BNE OD=45 1458JA-016							
THS017267	GEAR BEVEL FOR MIYANO BNE OD=38 M1.5x22TxD13.5x22L							
THS017282	BEVEL GEAR LEFT (DTL10119-181835)							
THS017283	BEVEL GEAR RIGHT (DTR10119-181835)							

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TSUGAMI LIVE TOOLING POWER GEAR OD=36 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
	TSUGAMI LIVE TOOLING POWER GEAR OD=36 mm							
THS016578	TSUGAMI S06 TSUGAMI S08 TSUGAMI M06 TSUGAMI M08 N/D	OTHER	0	0	STATIC STATIC	STRIGHT	EXTERNAL COOLANT	STRIGHT
	N/D							

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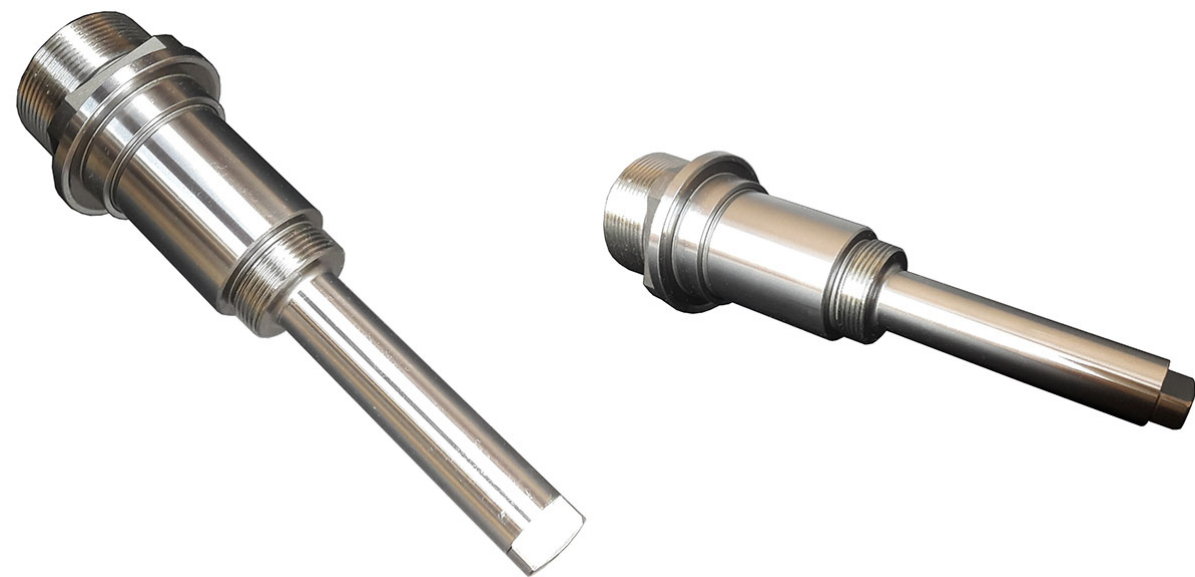
COUPLING GEAR FOR HAAS VDI40 L=104.85



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013598	COUPLING GEAR FOR HAAS VDI40 L=104.85							
	NOT AVAILABLE 60 BEVEL GEAR							
THS013599	COUPLUNG GEAR FOR HAAS VDI40 L=130.25							
	NOT AVAILABLE 30 DIN5480 SAUTER							
THS015383	COUPLING GEAR FOR HAAS VDI40 L=117.55							

Updated 202302
Tool holder machine interface: RADIAL (STAR TYPE) turret, NOT AVAILABLE-60, BEVEL GEAR, NO

SHAFT 140101-002 (#2)



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017186	SHAFT 140101-002 (#2)							

Updated 202302

N215-WP N215 WEDGE PLUNGER



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015669	N215-WP N215 WEDGE PLUNGER							

Updated 202302

FLANGE 140101-003



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017155	FLANGE 140101-003							

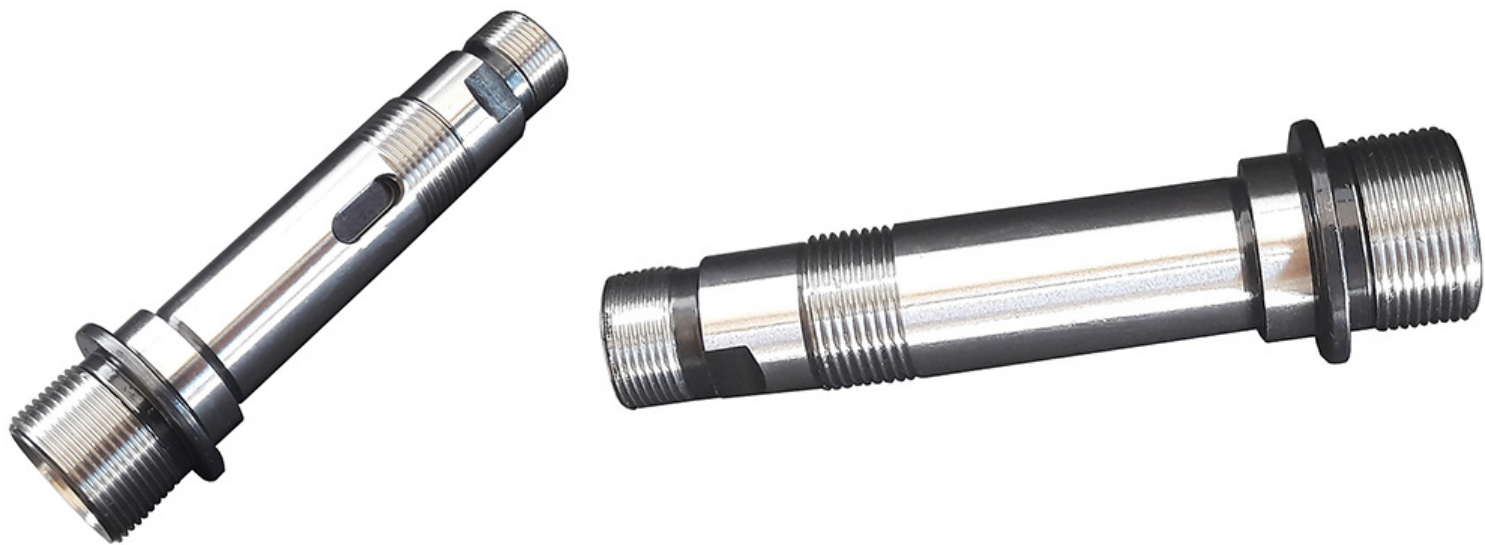
Updated 202302

BEARING 7908CP-006 (Part#10)



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007345	BEARING 7908CP-006 (Part#10)							
THS016815	BEARING 690409-015 6904ZZ							
THS017153	BEARING 7006CP-006							
THS017158	BEARING 7007CP-006 7007C-P4							
THS017170	BEARING (7004CP-006) 7004C-P4							
THS017171	BEARING (7907CP-006) 7907C-P4							
THS017173	BEARING (7904CP-006) 7904C-P4							

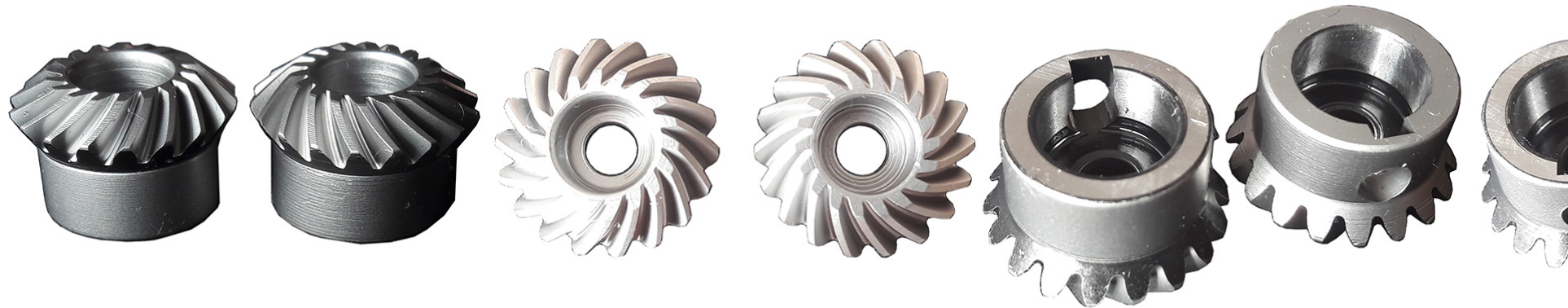
SPINDLE SHAFT # 9



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017139	SPINDLE SHAFT # 9							

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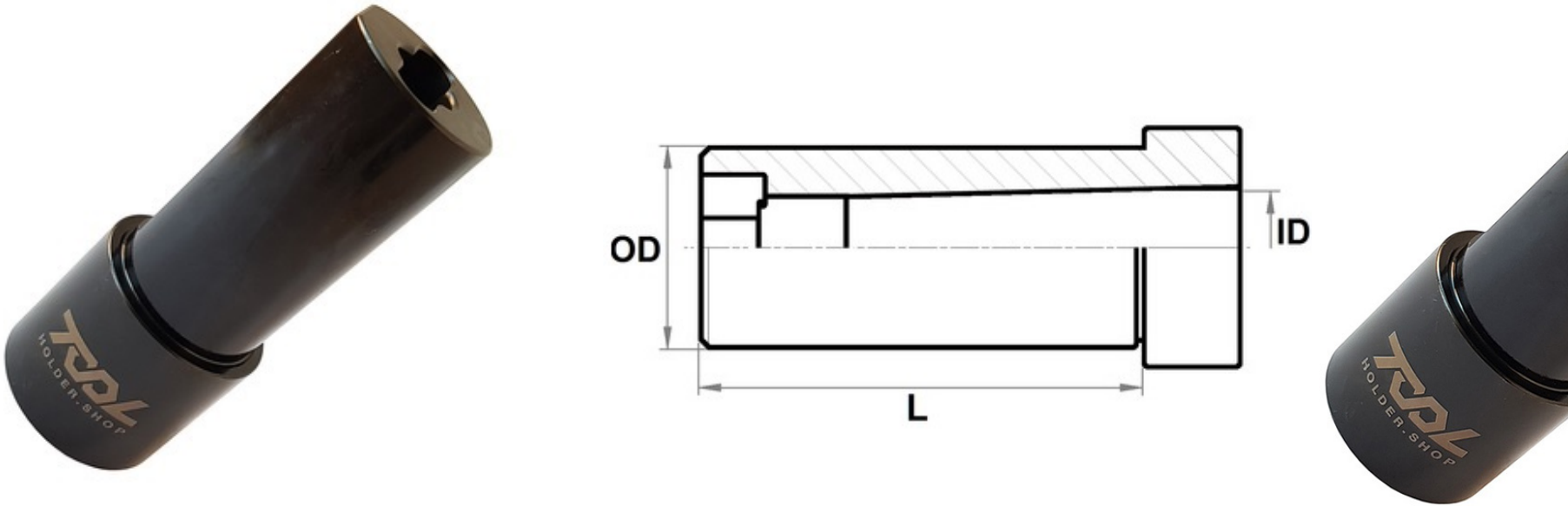
BEVEL GEAR PAIR DTLR10119-181835



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017314	BEVEL GEAR PAIR DTLR10119-181835							

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SLEEVE TYPE E OD=50 mm MORSE TAPER MT1



SKU	Ø OD	Ø ID Morse Taper	L
THS005720	25	MT1	50
THS005721		MT2	
THS004547	32	MT1	60
THS004553		MT2	
THS004561		MT3	
THS013551		MT4	
THS000810	40	MT1	70
THS000812		MT2	
THS000811		MT3	
THS000813		MT4	
THS000276	50	MT2	76
THS000277		MT3	97
THS000278		MT4	107
THS005739		MT5	125
THS006296	60	MT2	76
THS006297		MT3	97
THS006298		MT4	107
THS006299		MT5	125

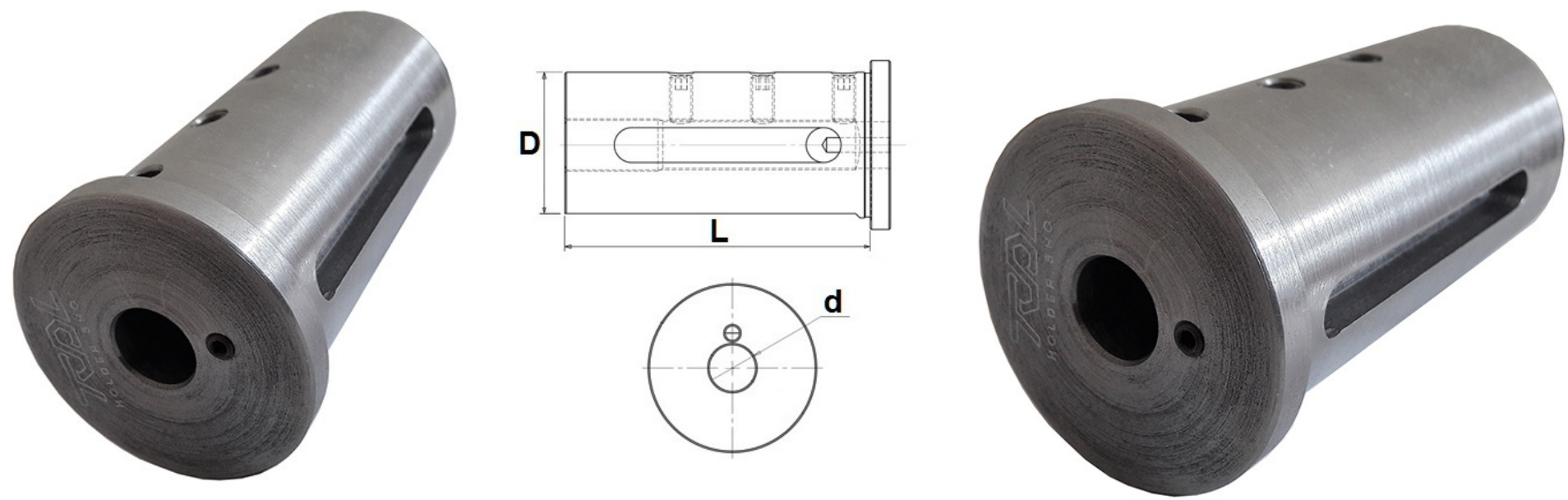
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000275	SLEEVE TYPE E OD=50 mm MORSE TAPER MT1							
THS000276	SLEEVE TYPE E OD=50 mm MORSE TAPER MT2							
THS000277	SLEEVE TYPE E OD=50 mm MORSE TAPER MT3							
THS000278	SLEEVE TYPE E OD=50 mm MORSE TAPER MT4							
THS000810	SLEEVE TYPE E OD=40 mm MORSE TAPER MT1 (QT1531)							
THS000811	SLEEVE TYPE E OD=40 mm MORSE TAPER MT3 (QT1533)							
THS000812	SLEEVE TYPE E OD=40 mm MORSE TAPER MT2 (QT1532)							
THS000813	SLEEVE TYPE E OD=40 mm MORSE TAPER MT4 (QT1534)							
THS004547	SLEEVE OD=32 TO MORSE TAPER MT1							
THS004553	SLEEVE OD=32 TO MORSE TAPER MT2							
THS004561	SLEEVE OD=32 TO MORSE TAPER MT3							
THS004562	SLEEVE OD=32 TO MORSE TAPER MT4							
THS005720	REDUCING SLEEVE OD=25 mm MT1							
THS005721	REDUCING SLEEVE OD=25 mm MT2							
THS005739	SLEEVE TYPE E OD=50 mm MORSE TAPER MT5							
THS006296	SLEEVE TYPE E OD=60 mm MORSE TAPER MT2							
THS006297	SLEEVE TYPE E OD=60 mm MORSE TAPER MT3							
THS006298	SLEEVE TYPE E OD=60 mm MORSE TAPER MT4							

THS006299	SLEEVE TYPE E OD=60 mm MORSE TAPER MT5							
THS013551	SLEEVE OD=32 TO MORSE TAPER MT4							

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SLEEVE TYPE V OD=(1-1/2)" ID=(1)"



SKU	D	d	L
THS000926	1-1/2"	3/8"	80
THS000924		1/2"	
THS000928		5/8"	
THS000925		3/4"	
THS000922		1"	

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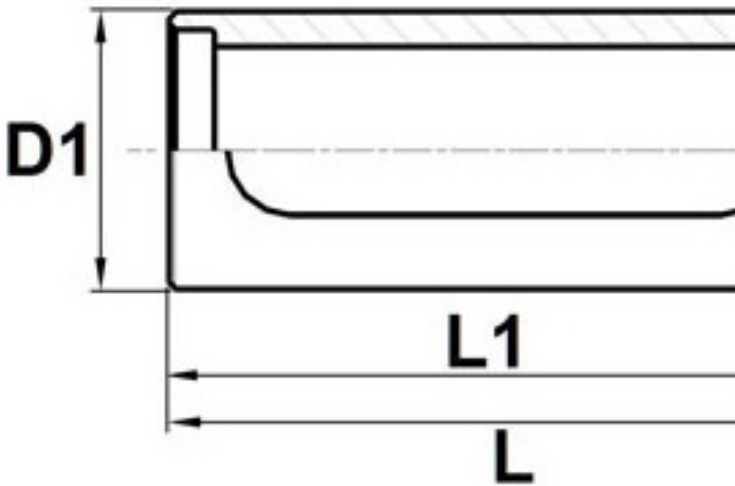
SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000922	SLEEVE TYPE V OD=(1-1/2)" ID=(1)"							
THS000923	SLEEVE TYPE V OD=(1-1/2)" ID=(1-1/4)"							
THS000924	SLEEVE TYPE V OD=(1-1/2)" ID=(1/2)"							
THS000925	SLEEVE TYPE V OD=(1-1/2)" ID=(3/4)"							

<u>THS000926</u>	SLEEVE TYPE V OD=(1-1/2)" ID=(3/8)"
<u>THS000927</u>	SLEEVE TYPE V OD=(1-1/2)" ID=(5/16)"
<u>THS000928</u>	SLEEVE TYPE V OD=(1-1/2)" ID=(5/8)"
<u>THS000929</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(1)"
<u>THS000930</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(1/2)"
<u>THS000931</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(3/4)"
<u>THS000932</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(3/8)"
<u>THS000933</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(5/16)"
<u>THS000934</u>	SLEEVE TYPE V OD=(1-1/4)" ID=(5/8)"
<u>THS000937</u>	SLEEVE TYPE V OD=(2)" ID=(1)"
<u>THS000938</u>	SLEEVE TYPE V OD=(2)" ID=(1-1/2)"
<u>THS000939</u>	SLEEVE TYPE V OD=(2)" ID=(1-1/4)"
<u>THS000940</u>	SLEEVE TYPE V OD=(2)" ID=(1/2)"
<u>THS000941</u>	SLEEVE TYPE V OD=(2)" ID=(3/4)"
<u>THS000942</u>	SLEEVE TYPE V OD=(2)" ID=(3/8)"
<u>THS000943</u>	SLEEVE TYPE V OD=(2)" ID=(5/16)"
<u>THS000944</u>	SLEEVE TYPE V OD=(2)" ID=(5/8)"
<u>THS000945</u>	SLEEVE TYPE V OD=(1-1/2)" MORSE TAPER MT1
<u>THS000946</u>	SLEEVE TYPE V OD=(1-1/2)" MORSE TAPER MT2
<u>THS000947</u>	SLEEVE TYPE V OD=(1-1/2)" MORSE TAPER MT3

<u>THS000948</u>	SLEEVE TYPE V OD=(1-1/2)" MORSE TAPER MT4							
<u>THS000949</u>	SLEEVE TYPE V OD=(1-1/4)" MORSE TAPER MT1							
<u>THS000950</u>	SLEEVE TYPE V OD=(1-1/4)" MORSE TAPER MT2							
<u>THS000951</u>	SLEEVE TYPE V OD=(1-1/4)" MORSE TAPER MT3							
<u>THS000952</u>	SLEEVE TYPE V OD=(2)" MORSE TAPER MT1							
<u>THS000953</u>	SLEEVE TYPE V OD=(2)" MORSE TAPER MT2							

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SLEEVE TYPE E1 OD=50 mm ID=32 mm



SKU	OEM compatible	Ø OD	Ø ID	L
THS004193		20	12	40
THS004194			16	
THS004199	MIYANO 5W7853000	25	16	50
THS004200	MIYANO 5W7854000		20	
THS004185		32	16	60
THS004186			20	
THS015534			22	
THS004187			25	
THS005733		40	16	70
THS005734			20	
THS005735			25	
THS005736			32	
THS000273		50	32	85
THS006828			1-1/2"	
THS005738		60	40	107
THS006305			40	
THS006306			50	

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000273	SLEEVE TYPE E1 OD=50 mm ID=32 mm							
THS000999	OD=40 REDUCING SLEEVE ID=(1)" TYPE E							
THS004165	OD=32 mm REDUCING SLEEVE ID=(1)" TYPE E							
THS004176	OD=32 mm REDUCING SLEEVE ID=(3/4)" TYPE E							
THS004179	OD=32 mm REDUCING SLEEVE ID=(5/8)" TYPE E							
THS004185	REDUCING SLEEVE OD=32 mm ID=16 mm L=60 MM TYPE E							
THS004186	OD=32 mm REDUCING SLEEVE ID=20 mm TYPE E							
THS004187	OD=32 mm REDUCING SLEEVE ID=25 mm TYPE E							
THS004188	OD=20 mm REDUCING SLEEVE ID=(1/2)" TYPE E							
THS004191	OD=20 mm REDUCING SLEEVE ID=(5/8)" TYPE E							
THS004193	SLEEVE TYPE E OD=20 mm ID= 12 mm							
THS004194	SLEEVE TYPE E OD=20 mm ID= 16 mm							
THS004199	SLEEVE TYPE E OD=25 mm ID= 16 mm							
THS004200	SLEEVE TYPE E OD=25 mm ID= 20 mm							
THS004203	OD=25 mm REDUCING SLEEVE ID=(3/4)" TYPE E							
THS004205	OD=25 mm REDUCING SLEEVE ID=(5/8)" TYPE C							
THS005722	OD=40 REDUCING SLEEVE ID=(1-1/4)" TYPE E							
THS005725	OD=40 REDUCING SLEEVE ID=(3/4)" TYPE E							
THS005727	OD=40 REDUCING SLEEVE ID=(5/8)" TYPE E							
THS005733	OD=40 REDUCING SLEEVE ID=16 mm TYPE E							

<u>THS005734</u>	OD=50 REDUCING SLEEVE ID=(1-1/2)" TYPE E							
<u>THS005735</u>	OD=40 REDUCING SLEEVE ID=25 mm TYPE E							
<u>THS005736</u>	OD=40 REDUCING SLEEVE ID=32 mm TYPE C							
<u>THS005738</u>	OD=50 REDUCING SLEEVE ID=40 mm TYPE E							
<u>THS006305</u>	SLEEVE TYPE E OD=60 mm ID= 40 mm							
<u>THS006306</u>	SLEEVE TYPE E OD=60 mm ID= 50 mm							
<u>THS006828</u>	SLEEVE TYPE E OD=50 mm ID=(1-1/2)"							
<u>THS017176</u>	SKU005736 OD=40 REDUCING SLEEVE ID=30 mm TYPE C							
<u>THS017245</u>	SLEEVE TYPE C OD=(2)" ID=40 mm							
<u>THS017376</u>	OD=40 REDUCING SLEEVE ID=(7/8)" TYPE E							

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SLEEVE TYPE WE OD=(1-1/2)" ID=(1/4)"



SKU	Ø D	Ø d	L1	L2
THS001025	1-1/4"	1/4"	60	20
THS001027		5/16"		35
THS001026		3/8"		35
THS001024		1/2"		35
THS006042		5/8"	80	27.5
THS001020	1-1/2"	1/4"	70	20
THS001023		5/16"		35
THS001022		3/8"		35
THS001021		1/2"		35
THS006041		5/8"	80	35.5
THS006034		3/4"	80	35.5

Updated 2022-02-23nt>

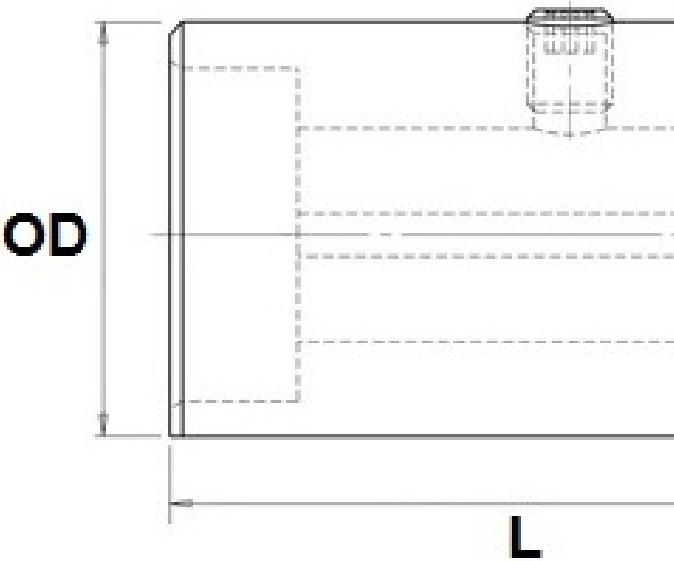
SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001020	SLEEVE TYPE WE OD=(1-1/2)" ID=(1/4)"							

THS001021	SLEEVE TYPE WE OD=(1-1/2)" ID=(1/2)"
THS001022	SLEEVE TYPE WE OD=(1-1/2)" ID=(3/8)"
THS001023	SLEEVE TYPE WE OD=(1-1/2)" ID=(5/16)"
THS001024	SLEEVE TYPE WE OD=(1-1/4)" ID=(1/2)"
THS001025	SLEEVE TYPE WE OD=(1-1/4)" ID=(1/4)"
THS001026	SLEEVE TYPE WE OD=(1-1/4)" ID=(3/8)"
THS001027	SLEEVE TYPE WE OD=(1-1/4)" ID=(5/16)"
THS001028	SLEEVE TYPE WE OD=20 mm ID= 6 mm
THS001029	SLEEVE TYPE WE OD=20 mm ID= 8 mm
THS001030	SLEEVE TYPE WE OD=20 mm ID=10 mm
THS001031	SLEEVE TYPE WE OD=20 mm ID=12 mm
THS001032	SLEEVE TYPE WE OD=20 mm ID=16 mm
THS001037	SLEEVE TYPE WE OD=25 mm ID=16 mm
THS001038	SLEEVE TYPE WE OD=25 mm ID=20 mm
THS001043	SLEEVE TYPE WE OD=32 mm ID=16 mm
THS001044	SLEEVE TYPE WE OD=32 mm ID=20 mm
THS001045	SLEEVE TYPE WE OD=32 mm ID=25 mm
THS001050	SLEEVE TYPE WE OD=40 mm ID=16 mm
THS001051	SLEEVE TYPE WE OD=40 mm ID=20 mm
THS001052	SLEEVE TYPE WE OD=40 mm ID=25 mm

<u>THS001053</u>	SLEEVE TYPE WE OD=40 mm ID=32 mm							
<u>THS001054</u>	SLEEVE TYPE WE OD=50 mm ID=10 mm							
<u>THS001055</u>	SLEEVE TYPE WE OD=50 mm ID=12 mm							
<u>THS001056</u>	SLEEVE TYPE WE OD=50 mm ID=16 mm							
<u>THS001057</u>	SLEEVE TYPE WE OD=50 mm ID=20 mm							
<u>THS001058</u>	SLEEVE TYPE WE OD=50 mm ID=25 mm							
<u>THS001059</u>	SLEEVE TYPE WE OD=50 mm ID=32 mm							
<u>THS001060</u>	SLEEVE TYPE WE OD=50 mm ID=60 mm							
<u>THS006034</u>	SLEEVE TYPE WE OD=(1-1/2)" ID=(3/4)"							

Updated 202302

SLEEVE TYPE E OD=20 mm ID= 6 mm



SKU	Ø OD	Ø ID	L
THS000266	20	6	40
THS000267		8	
THS000268		10	
THS004195		6	
THS004196 *	25	8	50
THS004197 **		10	
THS004198 ***		12	
THS004180		6	
THS004181	32	8	60
THS004182		10	
THS004183		12	
THS004184		14	
THS005729	40	6	70
THS005730		8	
THS005731		10	
THS005732		12	

THS000280	50	8	85
THS000269		10	
THS000270		12	
THS000279		16	
THS005737		20	
THS000271		25	
THS006300	60	12	107
THS006301		16	
THS006302		20	
THS006303		25	
THS006304		32	
THS004364	80	1-1/2"	107

* OEM MIYANO 5W7850000
 ** OEM MIYANO 5W7851000
 *** OEM MIYANO 5W7852000

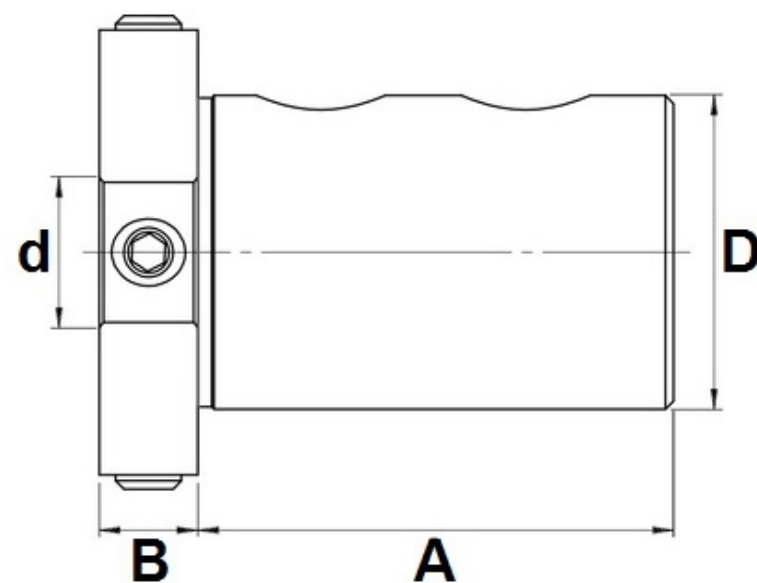
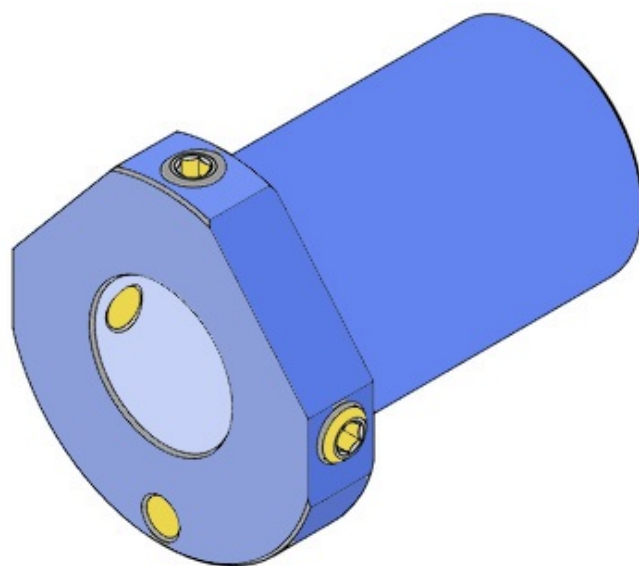
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000266	SLEEVE TYPE E OD=20 mm ID= 6 mm							
THS000267	SLEEVE TYPE E OD=20 mm ID= 8 mm							
THS000268	SLEEVE TYPE E OD=20 mm ID=10 mm							
THS000269	SLEEVE TYPE E OD=50 mm ID=10 mm							
THS000270	SLEEVE TYPE E OD=50 mm ID=12 mm							
THS000271	SLEEVE TYPE E1 OD=50 mm ID=25 mm							
THS000279	SLEEVE TYPE E OD=50 mm ID=16 mm							
THS000280	SLEEVE TYPE E OD=50 mm ID= 8 mm							
THS004166	OD=32 mm REDUCING SLEEVE ID=(1/2)" TYPE E							
THS004175	OD=32 mm REDUCING SLEEVE ID=(1/4)" TYPE E							

<u>THS004177</u>	OD=32 mm REDUCING SLEEVE ID=(3/8)" TYPE E
<u>THS004178</u>	OD=32 mm REDUCING SLEEVE ID=(5/16)" TYPE E
<u>THS004180</u>	OD=32 mm REDUCING SLEEVE ID=06 mm TYPE E
<u>THS004181</u>	OD=32 mm REDUCING SLEEVE ID=08 mm TYPE E
<u>THS004182</u>	OD=32 mm REDUCING SLEEVE ID=10 mm TYPE E
<u>THS004183</u>	OD=32 mm REDUCING SLEEVE ID=12 mm TYPE E
<u>THS004184</u>	OD=32 mm REDUCING SLEEVE ID=14 mm TYPE E
<u>THS004189</u>	OD=20 mm REDUCING SLEEVE ID=(1/4)" TYPE E
<u>THS004190</u>	OD=20 mm REDUCING SLEEVE ID=(3/8)" TYPE E
<u>THS004192</u>	OD=20 mm REDUCING SLEEVE ID=(5/16)" TYPE E
<u>THS004195</u>	SLEEVE TYPE E OD=25 mm ID= 06 mm
<u>THS004196</u>	SLEEVE TYPE E OD=25 mm ID= 08 mm
<u>THS004197</u>	SLEEVE TYPE E OD=25 mm ID= 10 mm
<u>THS004198</u>	SLEEVE TYPE E OD=25 mm ID= 12 mm
<u>THS004201</u>	OD=25 mm REDUCING SLEEVE ID=(1/2)" TYPE E
<u>THS004202</u>	OD=25 mm REDUCING SLEEVE ID=(1/4)" TYPE E
<u>THS004204</u>	OD=25 mm REDUCING SLEEVE ID=(3/8)" TYPE E
<u>THS004206</u>	OD=25 mm REDUCING SLEEVE ID=(5/16)" TYPE E
<u>THS004364</u>	SLEEVE TYPE E OD=80 mm ID=(1-1/2)" L=115 mm
<u>THS005723</u>	OD=40 REDUCING SLEEVE ID=(1/2)" TYPE E

Updated 202302

REDUCING SLEEVE OD=40 mm ID= (5/16)" FOR MAZAK



SKU	D	d	A	B
THS011620	40 mm	5/16"	58 mm	12.5 mm
THS011621		3/8"		
THS011622		1/2"		
THS011623		5/8"		
THS011624		3/4"		
THS011626		1"		
THS011625		1-1/4"		
THS011627	40 mm	8 mm	58 mm	12.5 mm
THS011628		10 mm		
THS011629		12 mm		
THS011630		16 mm		
THS011631		20 mm		
THS011632		25 mm		
THS011633		32 mm		

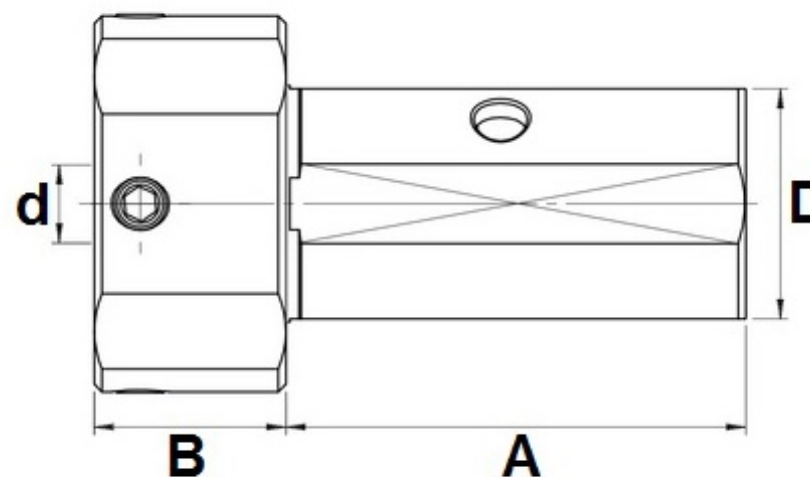
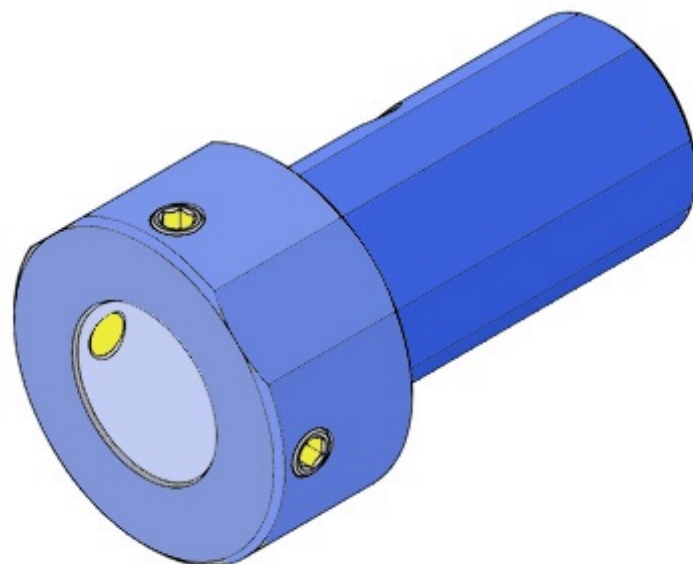
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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<u>THS011620</u>	REDUCING SLEEVE OD=40 mm ID= (5/16)" FOR MAZAK						
<u>THS011621</u>	REDUCING SLEEVE OD=40 mm ID= (3/ 8)" FOR MAZAK						
<u>THS011622</u>	REDUCING SLEEVE OD=40 mm ID= (1/ 2)" FOR MAZAK						
<u>THS011623</u>	REDUCING SLEEVE OD=40 mm ID= (5/ 8)" FOR MAZAK						
<u>THS011624</u>	REDUCING SLEEVE OD=40 mm ID= (3/ 4)" FOR MAZAK						
<u>THS011625</u>	REDUCING SLEEVE OD=40 mm ID= (1- 1/ 4)" FOR MAZAK						
<u>THS011626</u>	REDUCING SLEEVE OD=40 mm ID= (1)" FOR MAZAK						
<u>THS011627</u>	REDUCING SLEEVE OD=40 mm ID= 8 mm FOR MAZAK						
<u>THS011628</u>	REDUCING SLEEVE OD=40 mm ID=10 mm FOR MAZAK						
<u>THS011629</u>	REDUCING SLEEVE OD=40 mm ID=12 mm FOR MAZAK						
<u>THS011630</u>	REDUCING SLEEVE OD=40 mm ID=16 mm FOR MAZAK						
<u>THS011631</u>	REDUCING SLEEVE OD=40 mm ID=20 mm FOR MAZAK						
<u>THS011632</u>	REDUCING SLEEVE OD=40 mm ID=25 mm FOR MAZAK						
<u>THS011633</u>	REDUCING SLEEVE OD=40 mm ID=32 mm FOR MAZAK						

Updated 202302

REDUCING SLEEVE OD=32 mm ID= 8 mm FOR MAZAK



32 mm

SKU	D	d	A	B
THS011616	5/16"	2.362"	0.984"	
THS011618	3/8"			
THS011617	1/2"			
THS011614	5/8"			
THS011615	3/4"			
THS011619	1"			
THS011168	32 mm	8 mm	60 mm	25 mm
THS011218		10 mm		
THS011608		12 mm		
THS011609		16 mm		
THS011610		20 mm		
THS011611		25 mm		

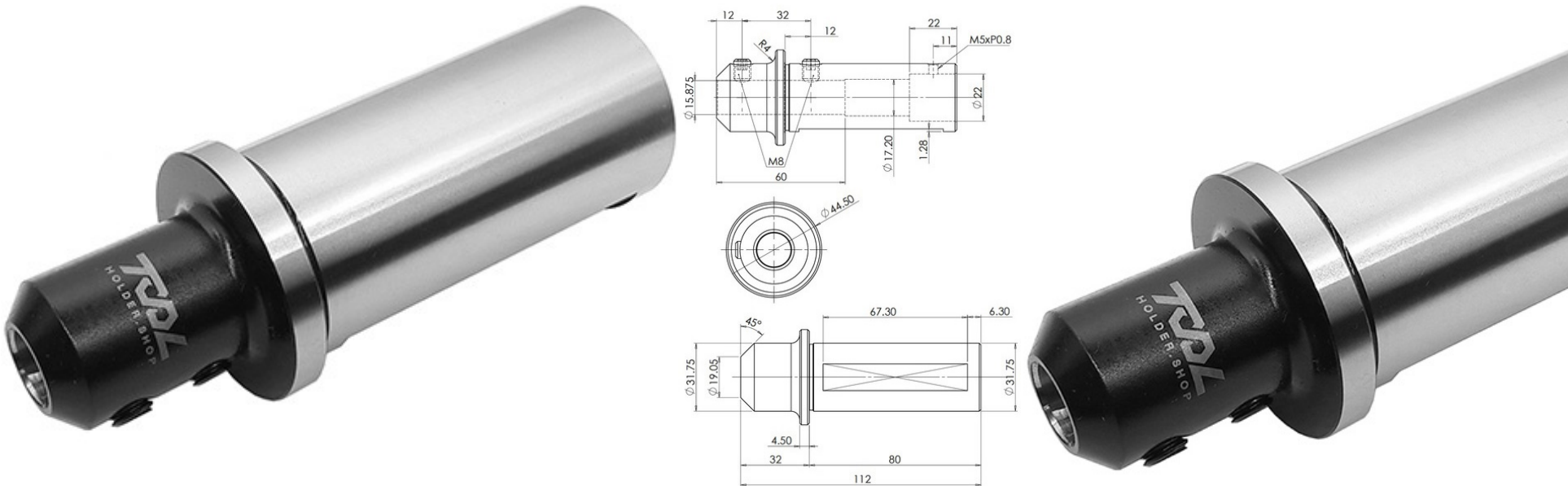
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS011168	REDUCING SLEEVE OD=32 mm ID= 8 mm FOR MAZAK							

<u>THS011218</u>	REDUCING SLEEVE OD=32 mm ID=10 mm FOR MAZAK						
<u>THS011608</u>	REDUCING SLEEVE OD=32 mm ID=12 mm FOR MAZAK						
<u>THS011609</u>	REDUCING SLEEVE OD=32 mm ID=16 mm FOR MAZAK						
<u>THS011610</u>	REDUCING SLEEVE OD=32 mm ID=20 mm FOR MAZAK						
<u>THS011611</u>	REDUCING SLEEVE OD=32 mm ID=25 mm FOR MAZAK						
<u>THS011614</u>	REDUCING SLEEVE OD=32 mm ID= (5/ 8)" FOR MAZAK						
<u>THS011615</u>	REDUCING SLEEVE OD=32 mm ID= (3/ 4)" FOR MAZAK						
<u>THS011616</u>	REDUCING SLEEVE OD=32 mm ID= (5/16)" FOR MAZAK						
<u>THS011617</u>	REDUCING SLEEVE OD=32 mm ID= (1/ 2)" FOR MAZAK						
<u>THS011618</u>	REDUCING SLEEVE OD=32 mm ID= (3/ 8)" FOR MAZAK						
<u>THS011619</u>	REDUCING SLEEVE OD=32 mm ID= (1)" FOR MAZAK						

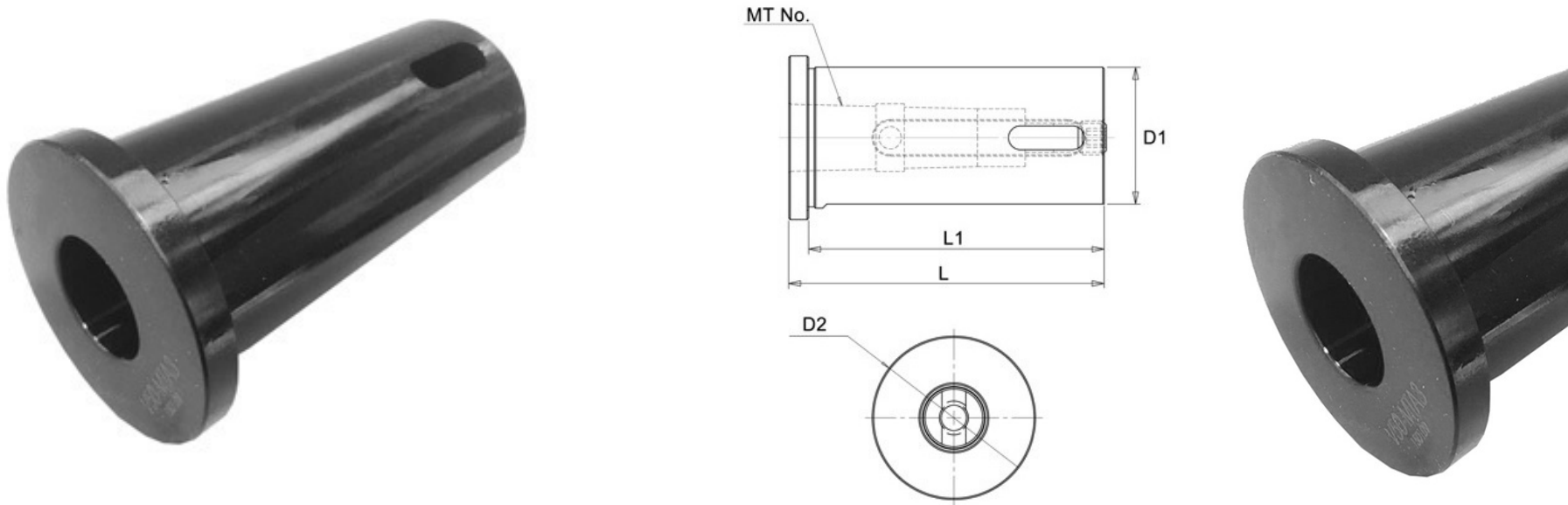
Updated 202302

SLEEVE TYPE RS-WE OD=(1-1/4)" ID=(5/8)" L=80 mm CUSTOM



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003695	SLEEVE TYPE RS-WE OD=(1-1/4)" ID=(5/8)" L=80 mm CUSTOM							
THS007333	SLEEVE TYPE RS-WE OD=(1-1/4)" ID=(1/2)" L=80 mm CUSTOM ACCUWAY UT400M PIN 18.67 DEG 38 GSC							
THS007334	SLEEVE TYPE RS-WE OD=(1-1/2)" ID=(5/8)" L=80 mm CUSTOM							
THS007335	SLEEVE TYPE RS-WE OD=(1-1/2)" ID=(3/4)" L=80 mm CUSTOM NOT AVAILABLE 55 DIN1809							
THS007336	SLEEVE TYPE RS-WE OD=(1-1/2)" ID=(1/2)" L=80 mm CUSTOM							
THS013927	SLEEVE TYPE RS-WE OD=(1-1/2)" ID=(1)" L=124 mm CUSTOM							
THS013935	SLEEVE TYPE RS-WE OD=(1-1/2)" ID=(1)" L=112 mm SHORT CUSTOM							
THS013936	SLEEVE TYPE RS-WE OD=(1)" ID=(3/ 8)" L=133 mm CUSTOM							

SLEEVE TYPE V OD=50 mm MORSE TAPER MT2



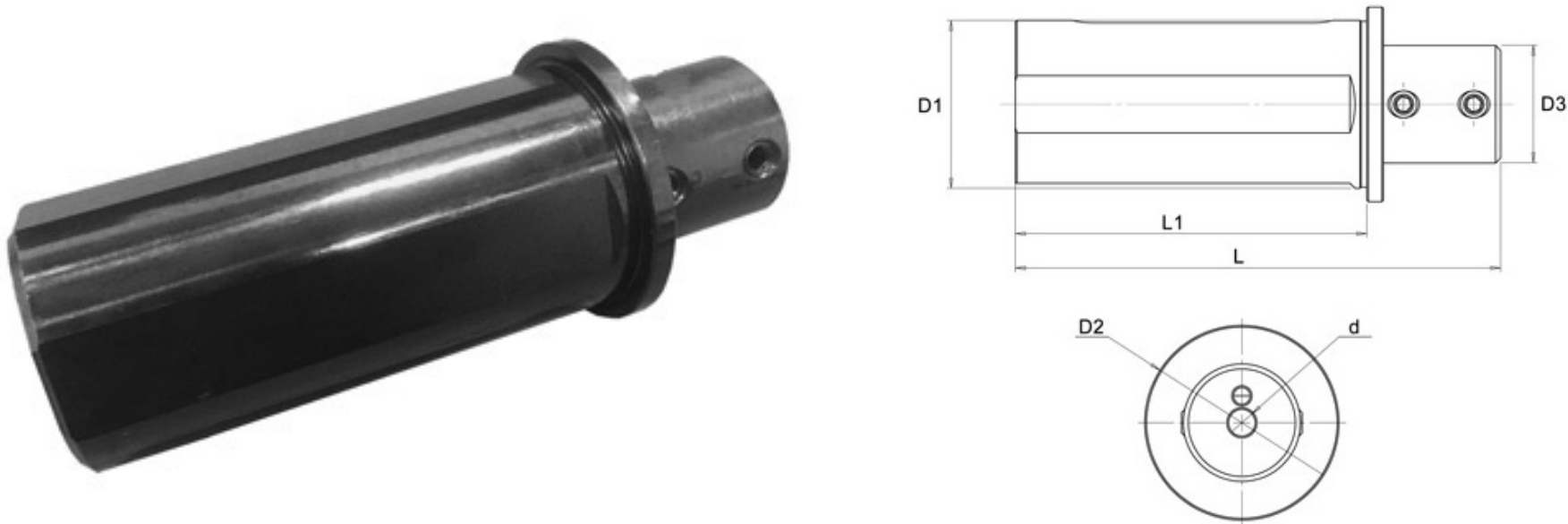
SKU	Ø D1	Ø D2	MT No.	L1	L
THS000960	50	58	2	105	112
THS000961	50	58	3	105	112

Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000960	SLEEVE TYPE V OD=50 mm MORSE TAPER MT2							
THS000961	SLEEVE TYPE V OD=50 mm MORSE TAPER MT3							

Updated 202302

SLEEVE TYPE V OD=50 mm ID= 8 mm



SKU	Ø D1	Ø D2	Ø D3	Ø d	L1	L
THS000985	50	58	35	8	105	145
THS000986				10		
THS000987				12		

Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000985	SLEEVE TYPE V OD=50 mm ID= 8 mm							
THS000986	SLEEVE TYPE V OD=50 mm ID=10 mm							
THS000987	SLEEVE TYPE V OD=50 mm ID=12 mm							

Updated 202302

Sleeve WE25-03

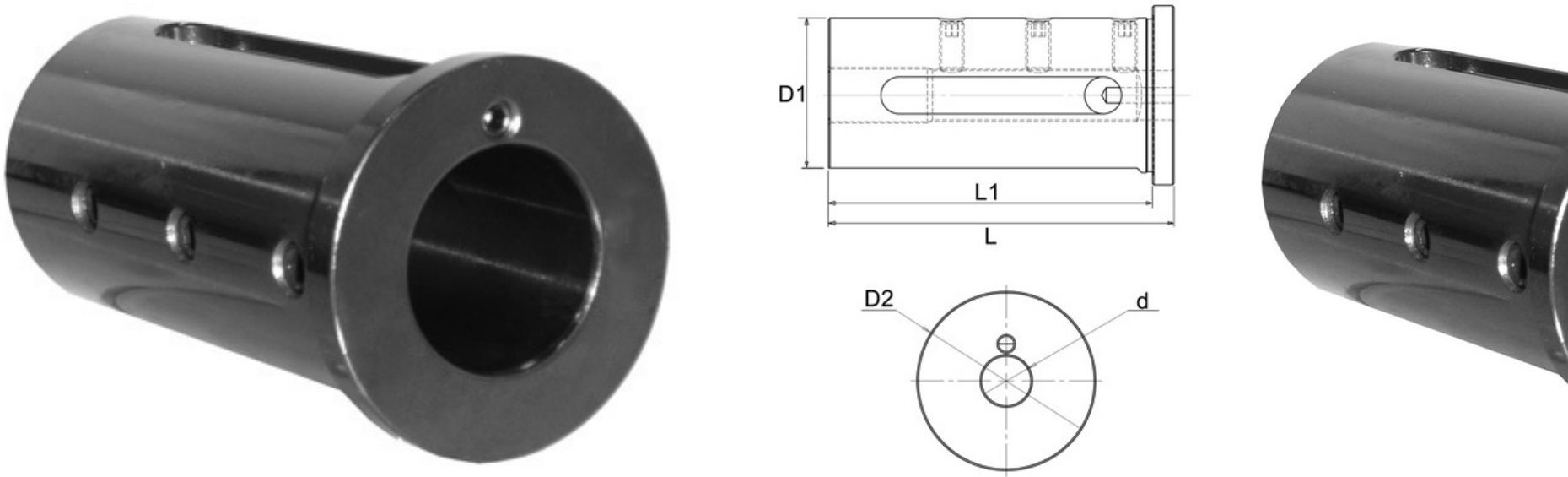


SKU	Ø D1	Ø D2	Ø D3	Ø d	L1	L
SKP012362	25	31	16	3	50	71
SKP012365			16	4		71
THS001033			18	6		75
THS001034			24	8		75
THS001035			24	10		75
THS001036			24	12		75
SKP012363	32	38	16	3	60	81
SKP012364			16	4		81
THS001039			16	6		85
THS001040			32	8		100
THS001041			32	10		100
THS001042			32	12		100
THS001046	40	46	24	6	70	95
THS001047			35	8		110
THS001048			35	10		110
THS001049			35	12		110

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>THS001033</u>	SLEEVE TYPE WE OD=25 mm ID= 6 mm							
<u>THS001034</u>	SLEEVE TYPE WE OD=25 mm ID= 8 mm							
<u>THS001035</u>	SLEEVE TYPE WE OD=25 mm ID=10 mm							
<u>THS001036</u>	SLEEVE TYPE WE OD=25 mm ID=12 mm							
<u>THS001039</u>	SLEEVE TYPE WE OD=32 mm ID= 6 mm							
<u>THS001040</u>	SLEEVE TYPE WE OD=32 mm ID= 8 mm							
<u>THS001041</u>	SLEEVE TYPE WE OD=32 mm ID=10 mm							
<u>THS001042</u>	SLEEVE TYPE WE OD=32 mm ID=12 mm							
<u>THS001046</u>	SLEEVE TYPE WE OD=40 mm ID= 6 mm							
<u>THS001047</u>	SLEEVE TYPE WE OD=40 mm ID= 8 mm							
<u>THS001048</u>	SLEEVE TYPE WE OD=40 mm ID=10 mm							
<u>THS001049</u>	SLEEVE TYPE WE OD=40 mm ID=12 mm							

Updated 202302

SLEEVE TYPE V OD=50 mm ID=16 mm



SKU	Ø D1	Ø D2	Ø d	L1	L
THS000988	50	58	16	105	112
THS000989			20		
THS000990			25		
THS000991			32		
THS000992			40		

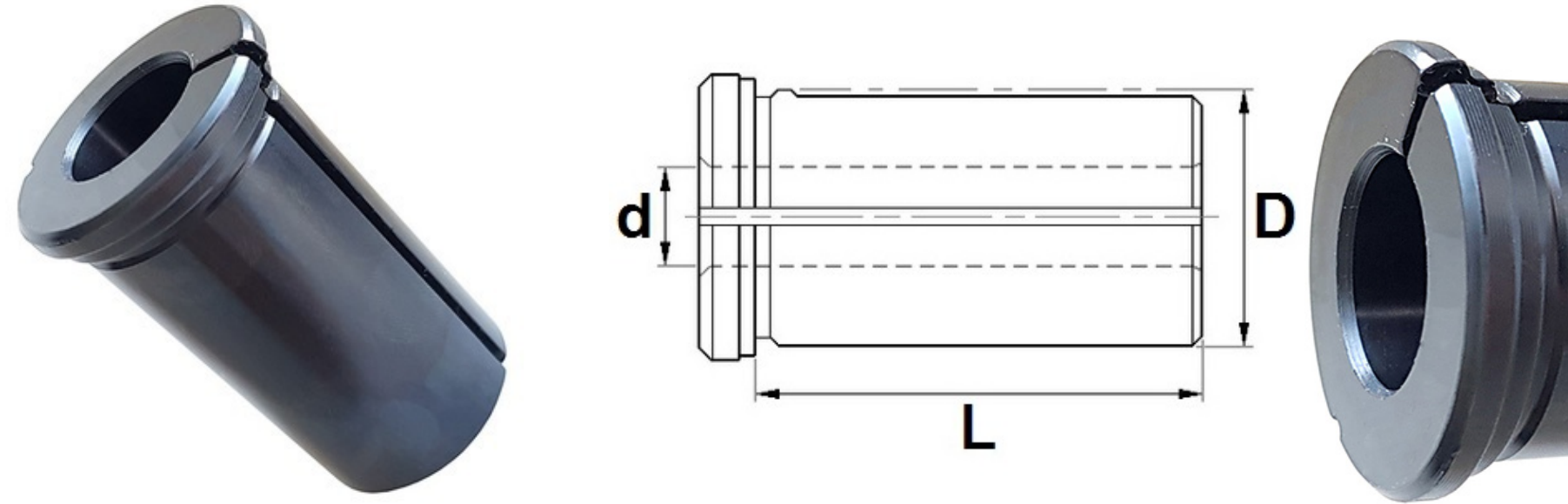
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000988	SLEEVE TYPE V OD=50 mm ID=16 mm							
THS000989	SLEEVE TYPE V OD=50 mm ID=20 mm							
THS000990	SLEEVE TYPE V OD=50 mm ID=25 mm							
THS000991	SLEEVE TYPE V OD=50 mm ID=32 mm							

THS000992	SLEEVE TYPE V OD=50 mm ID=40 mm							

Updated 202302

SLEEVE SPLIT TYPE OD=(1- 1 / 4)" ID= 20 mm



D		d		L
inch	mm	inch	mm	
<u>3/4"</u>	20	1/4", 5/16", 3/8", 1/2"	6, 8, 10, 12	1-1/2"
<u>1"</u>	25	3/8", 1/2", 5/8", 3/4"	10, 12, 16, 20	1-3/4"
<u>1-1/4"</u>	32	3/8", 1/2", 5/8", 3/4", 7/8", 1"	10, 12, 16, 20, 25	2-1/8"
<u>1-1/2"</u>	40	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/4"	10, 12, 16, 20, 25, 32	2-1/2"
<u>1-3/4"</u>	45	1/2", 5/8", 3/4", 7/8", 1", 1-1/4", 1-1/2"	10, 12, 16, 20, 25, 32, 40	3"
<u>2"</u>	50	1/2", 5/8", 3/4", 7/8", 1", 1-1/4", 1-1/2", 1-3/4"	12, 16, 20, 25, 32, 40	3-1/2"
<u>2-1/2"</u>	65	1/2", 5/8", 3/4", 7/8", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4"	20, 25, 32, 40, 45, 50	4"
<u>3"</u>	80	1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"	25, 32, 40, 45, 50, 60, 65	4-1/2"
<u>3-1/2"</u>	90	1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3"	25, 32, 40, 45, 50, 60, 65	5-1/4"

Special bore sizes are available, please contact us for details

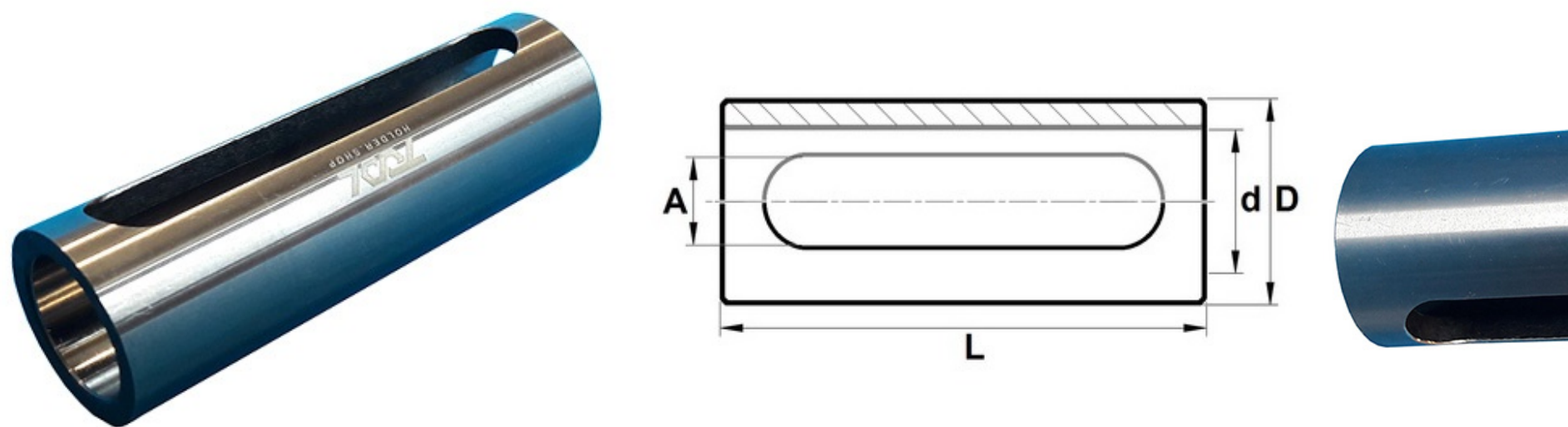
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013312	SLEEVE SPLIT TYPE OD=(1- 1 / 4)" ID= 20 mm							

THS013316	SLEEVE SPLIT TYPE OD=(1- 1 / 4)" ID= (3/ 4)"							

Updated 202302

REDUCING SLEEVE OD=22 mm ID=12 mm L=50 mm FOR SWISS TYPE LATHE



SKU	D	d	A	L
THS013229	22 mm	1/2"	12.5 mm	50 mm
THS013230		1/4"		
THS013228		12 mm		
THS013231		16 mm		

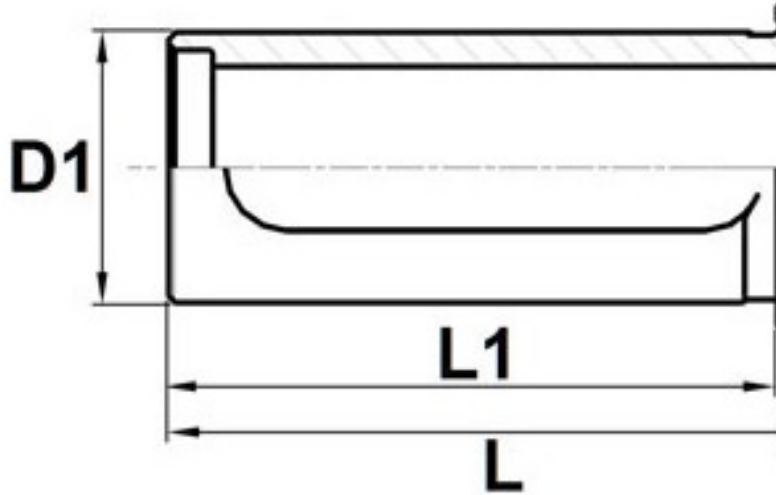
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013228	REDUCING SLEEVE OD=22 mm ID=12 mm L=50 mm FOR SWISS TYPE LATHE							
THS013229	REDUCING SLEEVE OD=22 mm ID= (1/ 2)" L=50 mm							
THS013230	REDUCING SLEEVE OD=22 mm ID= (1/ 4)" L=50 mm							
THS013231	REDUCING SLEEVE OD=22 mm ID=16 mm L=50 mm							

<u>THS015512</u>	REDUCING SLEEVE OD=22 mm ID=16 mm L=70 mm FOR SWISS TYPE LATHE							
<u>THS015535</u>	REDUCING SLEEVE OD=22 mm ID=12 mm L=50 mm FOR SWISS TYPE LATHE							
<u>THS015537</u>	REDUCING SLEEVE OD=22 mm ID=12 mm L=70 mm FOR SWISS TYPE LATHE							
<u>THS017426</u>	REDUCING SLEEVE OD=22 mm ID=(5/ 8)" mm L=70 mm							

Updated 202302

SLEEVE TYPE C OD=(1)" ID=(3/4)"



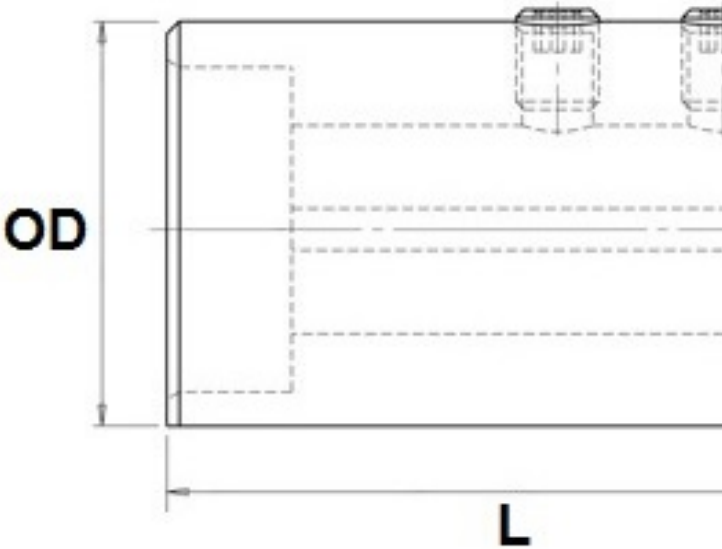
SKU	Ø OD	Ø ID	L
THS000869	3/4"	1/2"	40 mm
THS000873		5/8"	
THS000469	1"	5/8"	50 mm
THS000143		3/4"	
THS000846	1-1/4"	5/8"	60 mm
THS006614		7/8"	
THS000843		3/4"	
THS000890		1"	
THS000838	1-1/2"	5/8"	70 mm
THS000665		3/4"	
THS000476		1"	
THS000478		1-1/4"	
THS000848	2"	1-1/4"	85 mm
THS000847		1-1/2"	
THS000855	2-1/2"	1-1/2"	107 mm
THS000858		2"	
THS000865	3"	2"	107 mm
THS000866		2-1/2"	

Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000143				SLEEVE TYPE C OD=(1)" ID=(3/4)"				
THS000469				SLEEVE TYPE E OD=(1)" ID=(5/8)"				
THS000476				SLEEVE TYPE E OD=(1-1/2)" ID=(1)"				
THS000478				OD=(1-1/2)" SLEEVE TYPE E ID=(1-1/4)"				
THS000665				SLEEVE TYPE E OD=(1-1/2)" ID=(3/4)"				
THS000838				SLEEVE TYPE E OD=(1-1/2)" ID=(5/8)"				
THS000843				SLEEVE TYPE E OD=(1-1/4)" ID=(3/4)"				
THS000846				SLEEVE TYPE E OD=(1-1/4)" ID=(5/8)"				
THS000847				SLEEVE TYPE C OD=(2)" ID=(1-1/2)"				
THS000848				SLEEVE TYPE C OD=(2)" ID=(1-1/4)"				
THS000855				SLEEVE TYPE E OD=(2-1/2)" ID=(1-1/2)"				
THS000858				SLEEVE TYPE E OD=(2-1/2)" ID=(2)"				
THS000865				SLEEVE TYPE E OD=(3)" ID=(2)"				
THS000866				SLEEVE TYPE E OD=(3)" ID=(2-1/2)"				
THS000869				SLEEVE TYPE E OD=(3/4)" ID=(1/2)"				
THS000873				SLEEVE TYPE E OD=(3/4)" ID=(5/8)"				
THS000890				SLEEVE TYPE E OD=(1-1/4)" ID=(1)"				
THS006614				SLEEVE TYPE E OD=(1-1/4)" ID=(7/8)"				
THS016664				SLEEVE TYPE C OD=(1- 1 / 4)" ID= 16 mm				

Updated 202302

SLEEVE TYPE E OD=(1)" ID=(1/2)"



SKU	Ø OD	Ø ID	L
THS000870	3/4"	1/4"	40 mm
THS000872		5/16"	
THS000871		3/8"	
THS000137	1"	1/4"	50 mm
THS000468		5/16"	
THS000438		3/8"	
THS000135		1/2"	
THS000842	1-1/4"	1/4"	60 mm
THS000845		5/16"	
THS000844		3/8"	
THS000841		1/2"	
THS000664	1-1/2"	1/4"	70 mm
THS000667		5/16"	
THS000666		3/8"	
THS000479		1/2"	
THS000852	2"	5/16"	85 mm
THS000851		3/8"	
THS000849		1/2"	
THS000853		5/8"	
THS000850		3/4"	
THS000889		1"	

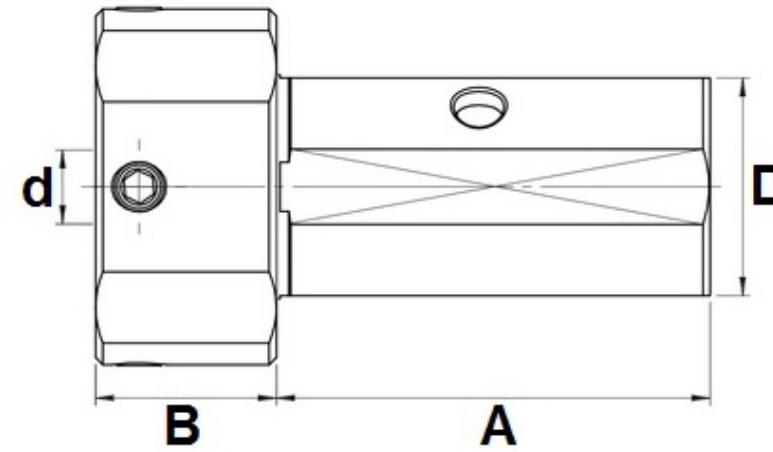
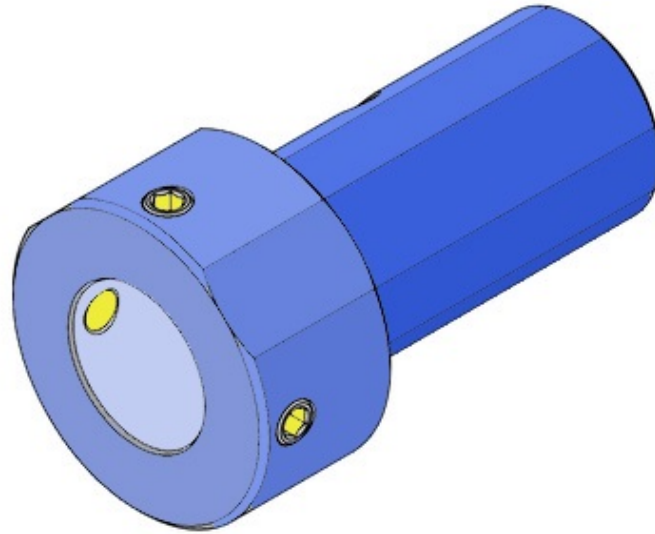
THS000857	2-1/2"	1/2"	107 mm
THS000860		5/8"	
THS000859		3/4"	
THS000854		1"	
THS000856		1-1/4"	
THS000864	3"	1/2"	107 mm
THS000868		5/8"	
THS000867		3/4"	
THS000861		1"	
THS000863		1-1/4"	
THS000862		1-1/2"	

Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000135	SLEEVE TYPE E OD=(1)" ID=(1/2)"							
THS000137	SLEEVE TYPE E OD=(1)" ID=(1/4)"							
THS000438	SLEEVE TYPE E OD=(1)" ID=(3/8)"							
THS000468	SLEEVE TYPE E OD=(1)" ID=(5/16)"							
THS000479	SLEEVE TYPE E OD=(1-1/2)" ID=(1/2)"							
THS000664	SLEEVE TYPE C OD=(1-1/2)" ID=(1/4)"							
THS000666	SLEEVE TYPE C OD=(1-1/2)" ID=(3/8)"							
THS000667	SLEEVE TYPE E OD=(1-1/2)" ID=(5/16)"							
THS000841	SLEEVE TYPE E OD=(1-1/4)" ID=(1/2)"							
THS000842	SLEEVE TYPE E OD=(1-1/4)" ID=(1/4)"							
THS000844	SLEEVE TYPE E OD=(1-1/4)" ID=(3/8)"							
THS000845	SLEEVE TYPE E OD=(1-1/4)" ID=(5/16)"							

<u>THS000849</u>	SLEEVE TYPE E OD=(2)" ID=(1/2)"
<u>THS000850</u>	SLEEVE TYPE E OD=(2)" ID=(3/4)"
<u>THS000851</u>	SLEEVE TYPE E OD=(2)" ID=(3/8)"
<u>THS000852</u>	SLEEVE TYPE E OD=(2)" ID=(5/16)"
<u>THS000853</u>	SLEEVE TYPE E OD=(2)" ID=(5/8)"
<u>THS000854</u>	SLEEVE TYPE E OD=(2-1/2)" ID=(1)"
<u>THS000856</u>	SLEEVE TYPE E OD=(2-1/2)" ID=(1-1/4)"
<u>THS000857</u>	SLEEVE TYPE E OD=(2-1/2)" ID=(1/2)"
<u>THS000859</u>	SLEEVE TYPE E OD=(2-1/2)" ID=(3/4)"
<u>THS000860</u>	SLEEVE TYPE E OD=(2-1/2)" ID=(5/8)"
<u>THS000861</u>	SLEEVE TYPE E OD=(3)" ID=(1)"
<u>THS000862</u>	SLEEVE TYPE E OD=(3)" ID=(1-1/2)"
<u>THS000863</u>	SLEEVE TYPE E OD=(3)" ID=(1-1/4)"
<u>THS000864</u>	SLEEVE TYPE E OD=(3)" ID=(1/2)"
<u>THS000867</u>	SLEEVE TYPE E OD=(3)" ID=(3/4)"
<u>THS000868</u>	SLEEVE TYPE E OD=(3)" ID=(5/8)"
<u>THS000870</u>	SLEEVE TYPE E OD=(3/4)" ID=(1/4)"
<u>THS000871</u>	SLEEVE TYPE E OD=(3/4)" ID=(3/8)"

REDUCING SLEEVE OD= (1- 1/ 4)" ID= (1)" FOR MAZAK



SKU	D	d	A	B
THS011088	1-1/4"	1/4"	2.362"	0.984"
THS011099		5/16"		
THS011098		3/8"		
THS010828		1/2"		
THS011100		5/8"		
THS011089		3/4"		
THS010778		1"		

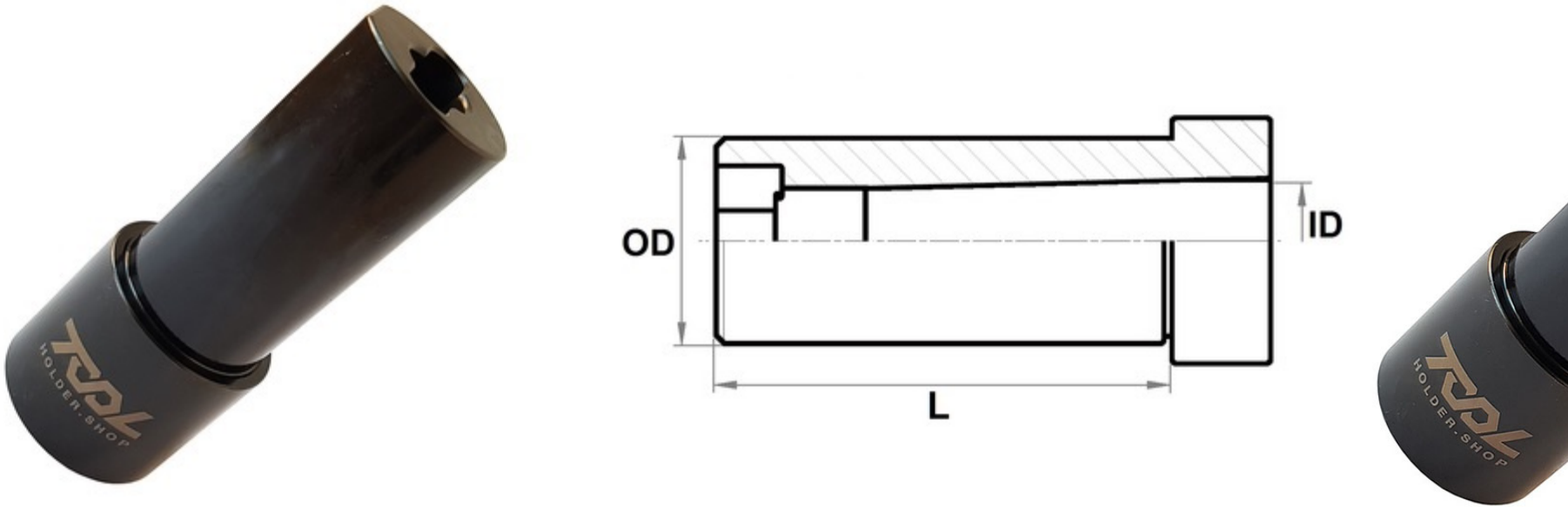
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS010778	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (1)" FOR MAZAK							
	NOT AVAILABLE 85 STATIC							
THS010828	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (1/ 2)" FOR MAZAK							
	NOT AVAILABLE 85 STATIC							
THS011088	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (1/ 4)" FOR MAZAK							
	NOT AVAILABLE 85 STATIC							

<u>THS011089</u>	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (3/ 4)" FOR MAZAK							
	<u>NOT AVAILABLE 85 STATIC</u>							
<u>THS011098</u>	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (3/ 8)" FOR MAZAK							
	<u>NOT AVAILABLE 85 STATIC</u>							
<u>THS011099</u>	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (5/16)" FOR MAZAK							
	<u>NOT AVAILABLE 85 STATIC</u>							
<u>THS011100</u>	REDUCING SLEEVE OD= (1- 1/ 4)" ID= (5/ 8)" FOR MAZAK							
	<u>NOT AVAILABLE 85 STATIC</u>							

Updated 202302
Tool holder machine interface: RADIAL (STAR TYPE) turret, NOT AVAILABLE-85, STATIC,
ANY

SLEEVE TYPE E OD=(1)" MORSE TAPER MT1



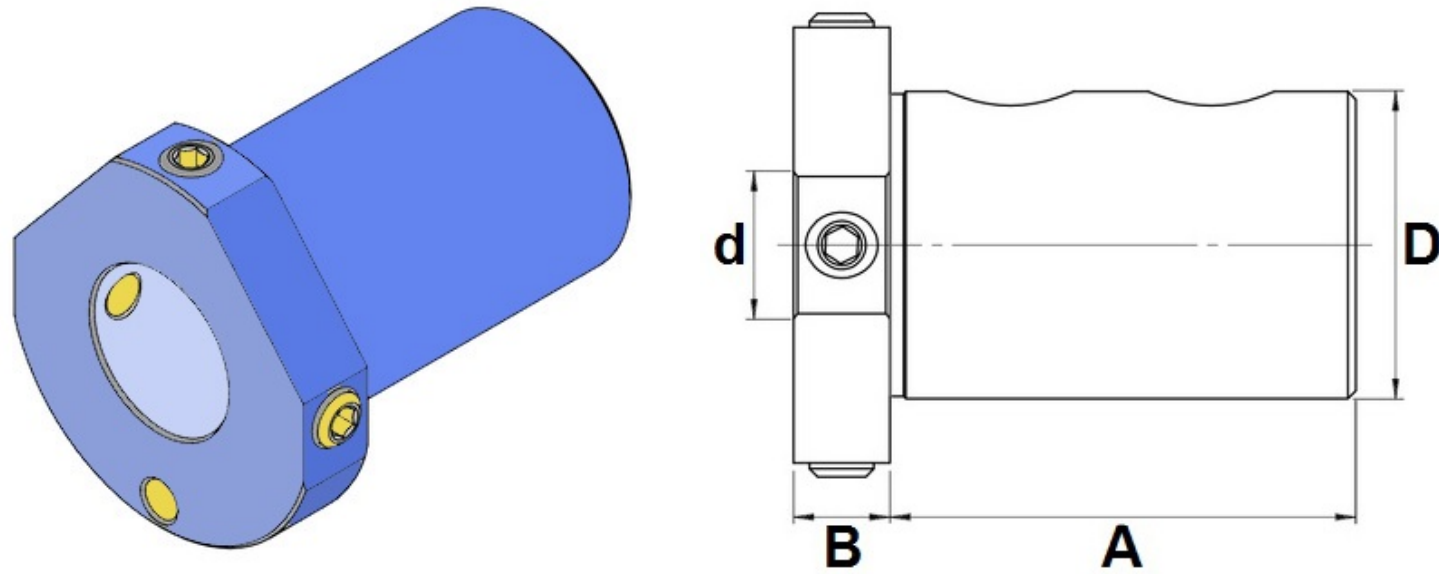
SKU	Ø OD	Ø ID Morse Taper	L
THS000470	1"	MT1	50 mm
THS000474		MT2	
THS000878	1-1/4"	MT1	60 mm
THS000879		MT2	
THS000880		MT3	
THS000874	1-1/2"	MT1	70 mm
THS000875		MT2	
THS000876		MT3	
THS000877		MT4	
THS000881	2"	MT2	76 mm
THS000882		MT3	97 mm
THS000883		MT4	107 mm
THS000884		MT5	125 mm
THS000885	3"	MT2	76 mm
THS000886		MT3	97 mm
THS000887		MT4	107 mm
THS000888		MT5	125 mm

Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000470	SLEEVE TYPE E OD=(1)" MORSE TAPER MT1							
THS000474	SLEEVE TYPE E OD=(1)" MORSE TAPER MT2							
THS000874	SLEEVE TYPE E OD=(1-1/2)" MORSE TAPER MT1							
THS000875	SLEEVE TYPE E OD=(1-1/2)" MORSE TAPER MT2							
THS000876	SLEEVE TYPE E OD=(1-1/2)" MORSE TAPER MT3							
THS000877	SLEEVE TYPE E OD=(1-1/2)" MORSE TAPER MT4							
THS000878	SLEEVE TYPE E OD=(1-1/4)" MORSE TAPER MT1							
THS000879	SLEEVE TYPE E OD=(1-1/4)" MORSE TAPER MT2							
THS000880	SLEEVE TYPE E OD=(1-1/4)" MORSE TAPER MT3							
THS000881	SLEEVE TYPE E OD=(2)" MORSE TAPER MT2							
THS000882	SLEEVE TYPE E OD=(2)" MORSE TAPER MT3							
THS000883	SLEEVE TYPE E OD=(2)" MORSE TAPER MT4							
THS000884	SLEEVE TYPE E OD=(2)" MORSE TAPER MT5							
THS000885	SLEEVE TYPE E OD=(3)" MORSE TAPER MT2							
THS000886	SLEEVE TYPE E OD=(3)" MORSE TAPER MT3							
THS000887	SLEEVE TYPE E OD=(3)" MORSE TAPER MT4							
THS000888	SLEEVE TYPE E OD=(3)" MORSE TAPER MT5							
THS017266	SLEEVE TYPE E OD=(2-1/4)" MORSE TAPER MT5							

Updated 202302

REDUCING SLEEVE OD= (1- 1/ 2)" ID= (1)" FOR MAZAK



SKU	D	d	A	B
THS011103	1-1/2"	1/4"	2.283"	0.492"
THS011107		5/16"		
THS011105		3/8"		
THS011102		1/2"		
THS011106		5/8"		
THS011104		3/4"		
THS011101		1"		

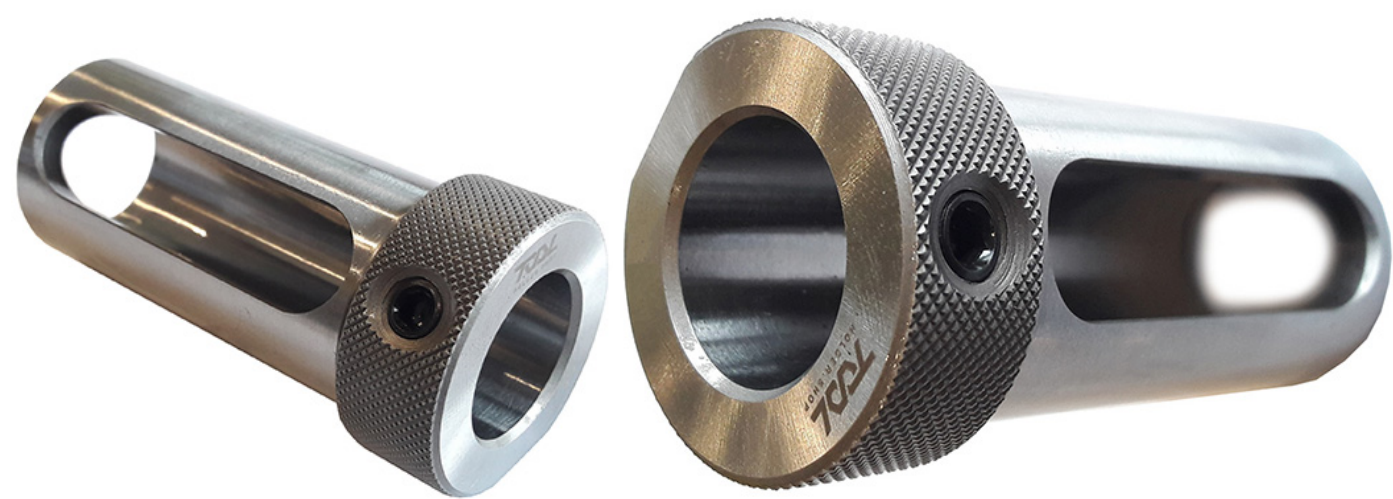
Updated 2022-02-23

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS011101	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (1)" FOR MAZAK							
THS011102	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (1/ 2)" FOR MAZAK							
	BT 40 TAPER							
THS011103	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (1/ 4)" FOR MAZAK							
	NOT AVAILABLE N/S N/S							

<u>THS011104</u>	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (3/ 4)" FOR MAZAK							
<u>THS011105</u>	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (3/ 8)" FOR MAZAK							
<u>THS011106</u>	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (5/ 8)" FOR MAZAK							
<u>THS011107</u>	REDUCING SLEEVE OD= (1- 1/ 2)" ID= (5/16)" FOR MAZAK							
	<u>NOT AVAILABLE N/S N/S</u>							

Updated 202302

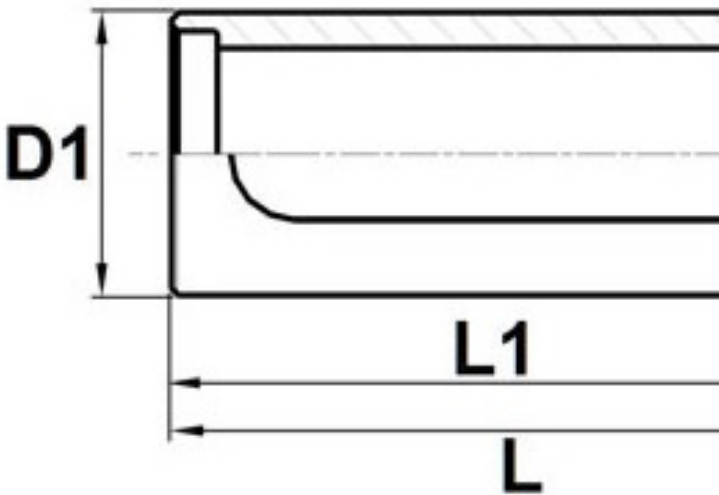
REDUCING SLEEVE OD=32 mm ID=22 mm L=80 mm TYPE C



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015534	REDUCING SLEEVE OD=32 mm ID=22 mm L=80 mm TYPE C							

Updated 202302

SLEEVE TYPE C OD=(1-1/2)" ID=25 mm

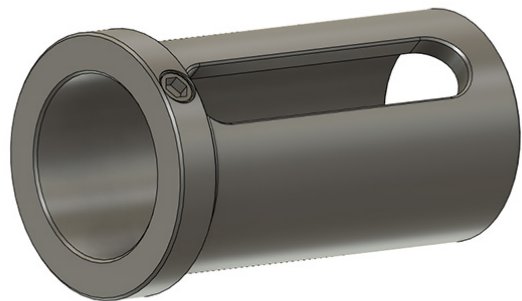


SKU	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	Serration Pitch	Matching Chuck	3 Jaw Weight (kg)
THS004168	86	35	51	14	5	31	25	18	19	13	12	M12	12	1.5x60°	N-208, V-208	1.9
THS004169	99.5	40	54	16	5	43	30	17	19	13	13	M12	15	1.5x60°	N-210, V-210	2.9
THS004172	149	62	86	22	8	63	43	34	32	21	20	M20	40	1.5x60°	N-215, N-218	9.6
THS004173	149	62	86	25.5	5	63	43	34	32	21	20	M20	40	1.5x60°	V-215, V-218	9.5

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000839	SLEEVE TYPE C OD=(1-1/2)" ID=25 mm							
THS000840	SLEEVE TYPE C OD=(1-1/2)" ID=32 mm							
THS015685	SLEEVE TYPE C OD=(1-1/2)" ID=16 mm							

Updated 202302

OD=40 REDUCING SLEEVE ID=32 mm WITH SCREW TYPE C



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017321	OD=40 REDUCING SLEEVE ID=32 mm WITH SCREW TYPE C							
THS017323	OD=40 REDUCING SLEEVE TYPE C ID=(1-1/4)" WITH SCREW							
THS017324	OD=40 REDUCING SLEEVE TYPE C ID=(1)" WITH SCREW							

Updated 202302

DRILL SHARPENING MACHINE DM213 110V 60HZ



SKU	Capacity (mm)	Point Angle	Rotation Speed
THS004851 THS007191	Ø2 ~ Ø13	85° ~ 140°	6000 RPM

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004851	DRILL SHARPENING MACHINE DM213 110V 60HZ							
THS007191	DRILL SHARPENING MACHINE DM213 220V 60HZ							

Updated 202302

SHARPENING MACHINE HELICAL TYPE EH832



Specification	
<u>Tool diameter</u>	Ø8 ~ Ø32 mm
<u>Spiral length with workhead spindle</u>	160 mm
<u>Longitudinal travel of workhead</u>	150 mm
<u>Cross travel of workhead</u>	130 mm
<u>Vertical movement of wheel head</u>	50 mm
<u>Tilting angle of wheel head</u>	±90°
<u>Workhead spindle</u>	C5
<u>Spiral flute and axial relief grinding</u>	Infinitely variable, left and right hand
<u>Helix angle</u>	0° ~ 90°
<u>Grinding wheel bore</u>	19.06 mm
<u>Grinding wheel diameter</u>	Max. 90 mm
<u>Grinding motor</u>	0.25 kW
<u>Grinding wheel direction</u>	Clockwise
<u>Grinding spindle speed</u>	4800 RPM (250w-300w)
<u>Power supply</u>	AC110V 60Hz

Standard Accessories include:

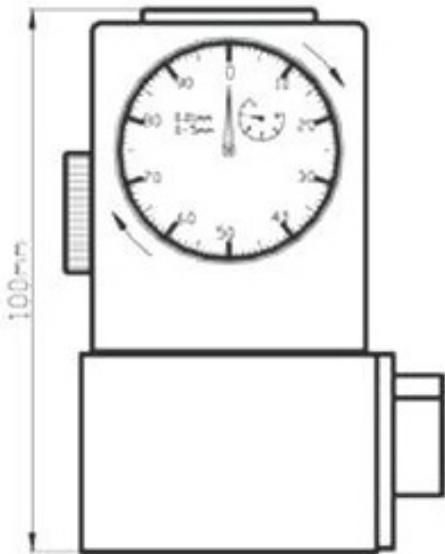
- Taper grinding device
- Indexing plate 10,12 divisions
- Operating tools
- Instruction manual

- Grinding: SDC (1.5 mm • Ø8 ~ Ø12 mm), SDC (2.0 mm • Ø12 ~ Ø32 mm) Carbide Only
- C5 Collet: Ø12 • Ø15 • Ø20 • Ø25 • Ø32 mm • Diameter Ø50 mm
- Collet Holder: C20-SSK10-80L x 1 pcs (Ø6 • Ø8 • Ø10 mm)

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
IHS003779	SHARPENING MACHINE HELICAL TYPE EH832							

Updated 202302

Z AXIS TOOL PRESETTER H=100 mm



SKU	Height
THS000015	100.00+0.005

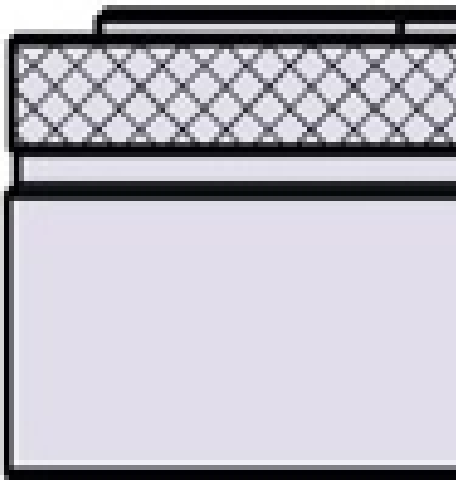
- Features:**
- Height 100mm.
 - Measuring range 2MM.
 - Indicator of 0.01mm dial gauge.

Updated 2021.05.11

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003693	Z AXIS TOOL PRESETTER H=100 mm							

Updated 202302

Z AXIS TOOL PRESETTER H=2"



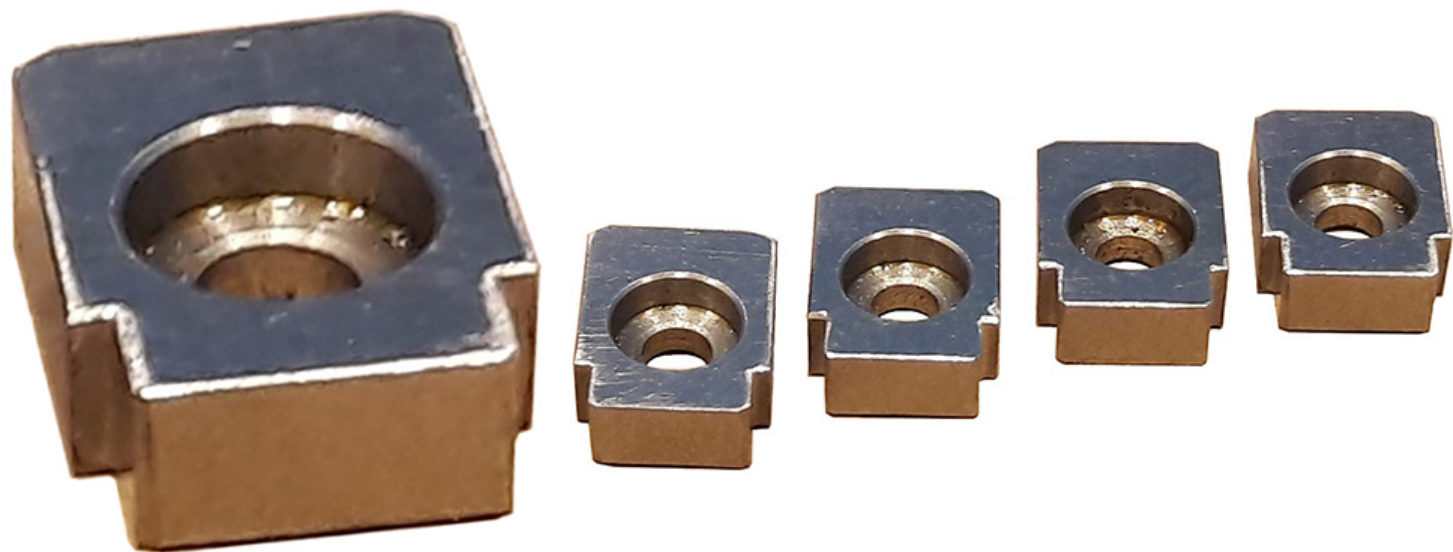
SKU	H Hight
THS003692	50.00 mm +0.005
THS003691	2"

Updated 2020.8.11:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003691	Z AXIS TOOL PRESETTER H=2"							
THS003692	Z AXIS TOOL PRESETTER H= 50 mm							

Updated 202302

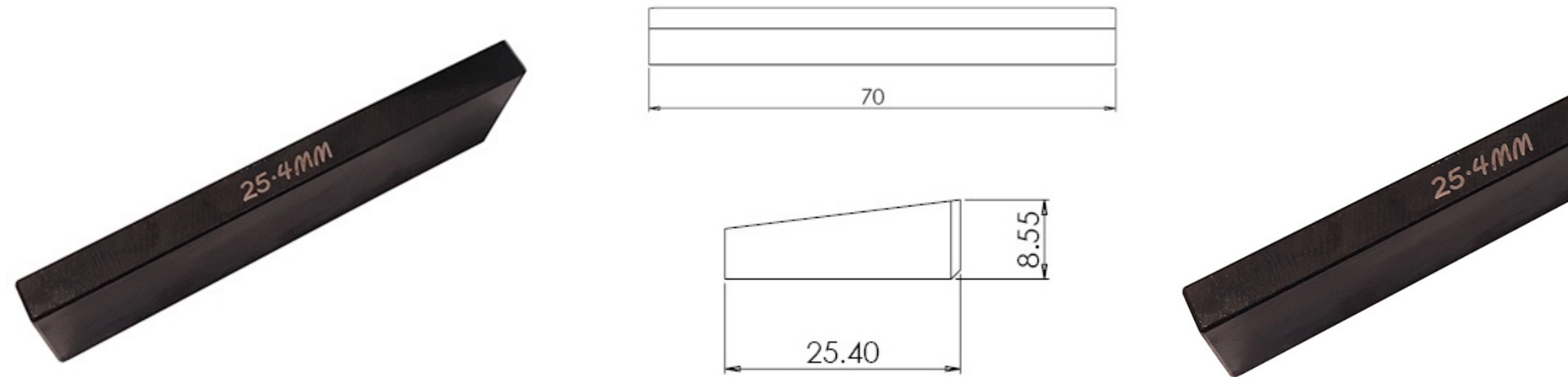
BIGLIA POSITIONING LUG 12 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014936	BIGLIA POSITIONING LUG 12 mm							

Updated 202302

WEDGE (1)" L=70 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004706	WEDGE (1)" L=70 mm							
	NOT AVAILABLE 65 STATIC							
THS005798	WEDGE (3/4)" L=50 mm							
THS014461	WEDGE SET CLUMPING H=(3/ 4)" SQUARE L=50 mm							

Updated 202302
Tool holder machine interface: RADIAL (STAR TYPE) turret, NOT AVAILABLE-65, STATIC, ANY

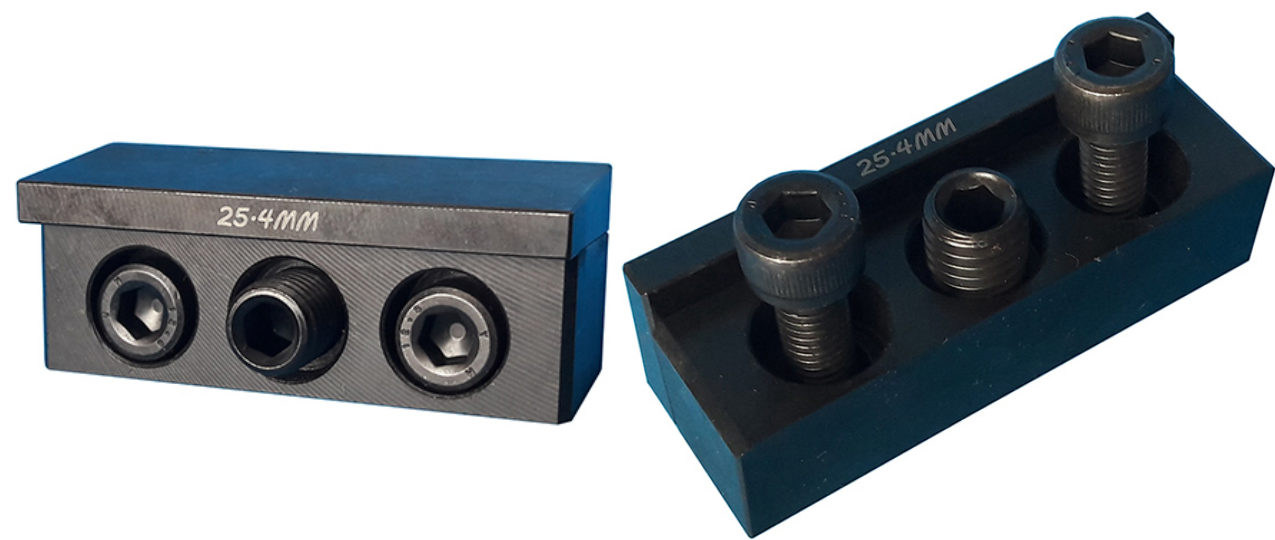
BMT65 POSITIONING LUG 18 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS011820	BMT65 POSITIONING LUG 18 mm							

Updated 202302

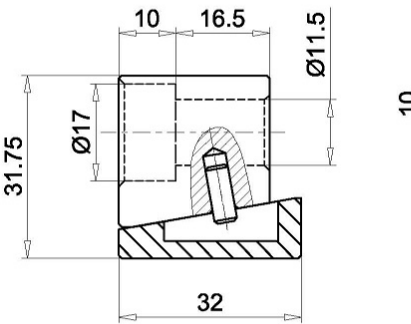
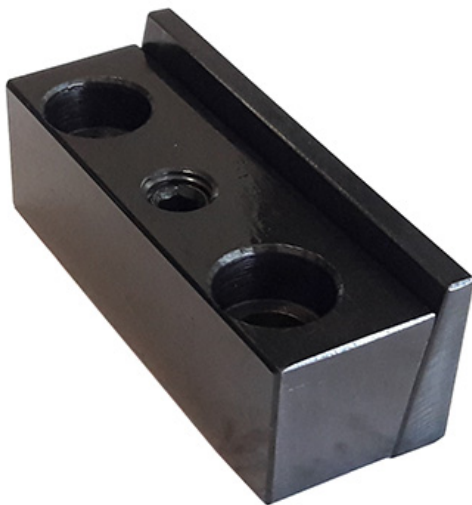
WEDGE SET (1)"x(1-9/10)" FOR HAAS



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004773	WEDGE SET (1)"x(1-9/10)" FOR HAAS							
THS013880	WEDGE SET FOR CLUMPING H=(1)" SQUARE L=70 mm							
THS017129	WEDGE SET TOOL CLUMPING (1)" SQUARE L=62 mm							

Updated 202302

WEDGE SET 31.75x87 mm



THS013631 WEDGE

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013631	WEDGE SET 31.75x87 mm							
THS017288	WEDGE SET FOR CLUMPING H=(1)" SQUARE L=87 mm							

Updated 202302

WEDGE BLOCK FOR CUT OFF HOLDER



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS017194	WEDGE BLOCK FOR CUT OFF HOLDER							

Updated 202302

Wrench SP-SD06

SKU	L	Ø D
SKP004093	120	20
SKP004094	150	29
SKP004095	170	41
SKP004096	180	50
SKP004097	190	55

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302

Wrench SP-ER20

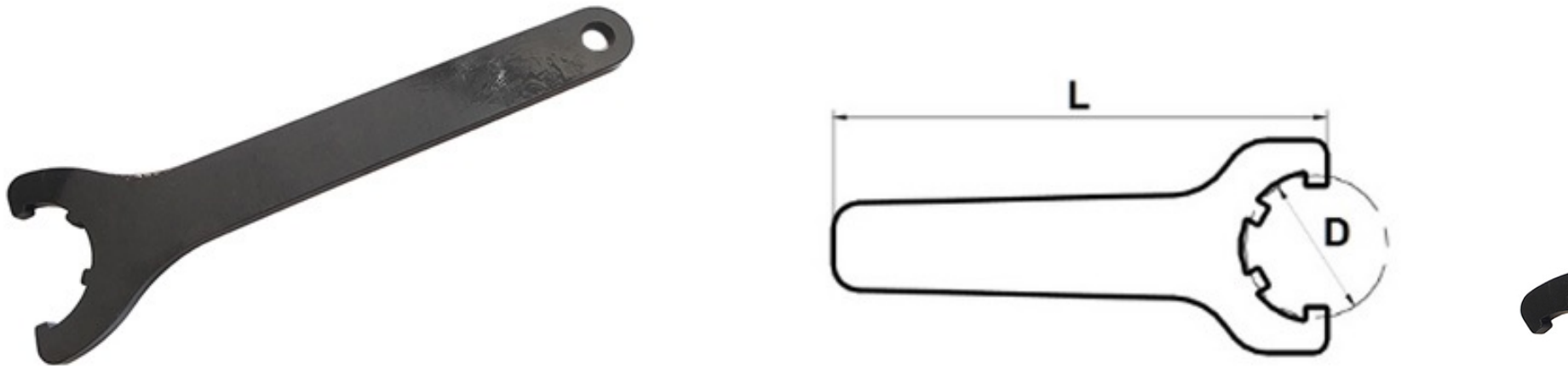
SKU	L	B
SKP008690	120	17
THS006120	140	27
SKP002939	170	30

Updated 2020.8.11:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006120	WRENCH 27 mm FOR ER16 COLLET NUT							

Updated 202302

WRENCH FOR ER25 COLLET NUT



SKU	L	Ø D
THS006557	210	42
THS013944	250	50
THS013945	290	63

Updated 2020.8.11:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006557	WRENCH FOR ER25 COLLET NUT							
THS013944	WRENCH FOR ER32 COLLET NUT							
THS013945	WRENCH FOR ER40 COLLET NUT							

Updated 202302

Wrench SP-OZ32

SKU	D	L
THS004750	60	260
SKP003394	78	272

Updated 2021.08.14

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004750	SPANNER WRENCH OZ25							

Updated 202302

Wrench SP-EMC32

SKU	D	L
SKP004098	51	215
SKP004099	70	265
SKP004100	86	270

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013862	PIN SPANNER WRENCH EMC20 D=51 mm							

Updated 202302

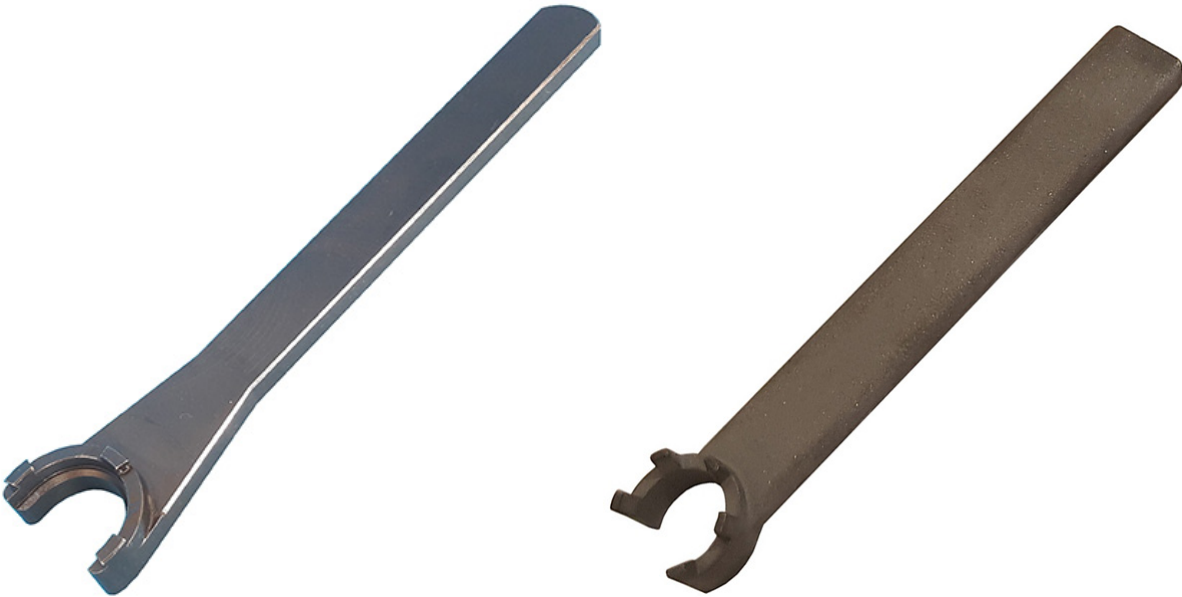
WRENCH ARMLESS 70x42



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001139	WRENCH ARMLESS 70x42							

Updated 202302

Wrench SP-ER20M



SKU	L	B	ER
THS013917	95	17	ER11M
THS006120	118	22	-
SKP002940	130	28	-

Updated 2021.8.13:12:43

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003052	WRENCH Zeta ER25							
THS004354	WRENCH Zeta ER40							
	BMT 60 DIN1809							
THS013917	WRENCH SPANNER FOR ER11M NUT							
THS014549	WRENCH AZ ER32							
THS015261	WRENCH Zeta ER16							
	VDI 30 STATIC							
THS015668	WRENCH AZ ER25							
THS016692	WRENCH ZETA ER32 Wrench							
THS016702	WRENCH AZ ER16							

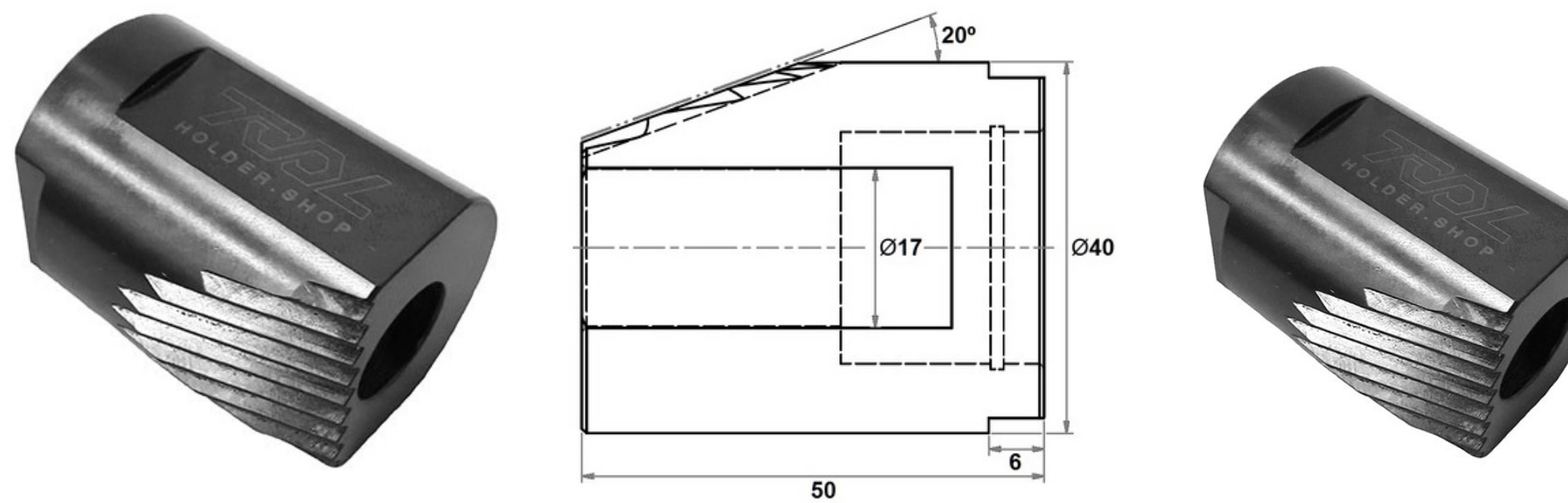
Updated 202302

Wrench Wrench 34 mm

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013625	WRENCH 41.5 mm							
THS013863	WRENCH 36 mm							

Updated 202302

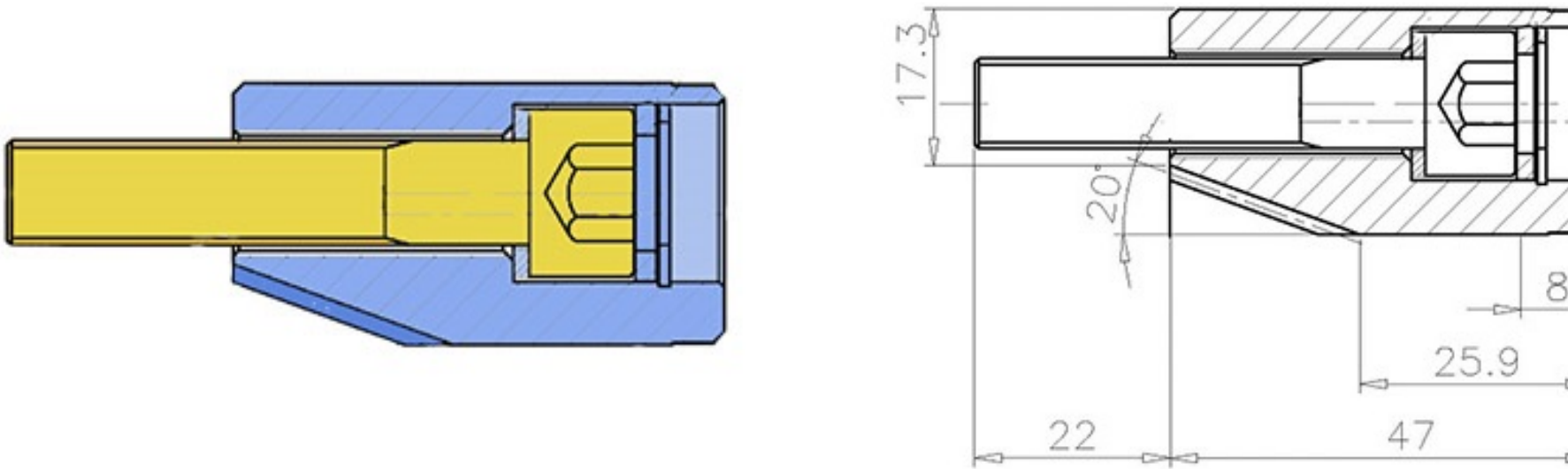
VDI40 WEDGE CONCENTRIC OD=40 mm L=50 mm



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS005999	VDI40 WEDGE CONCENTRIC OD=40 mm L=50 mm							

Updated 202302

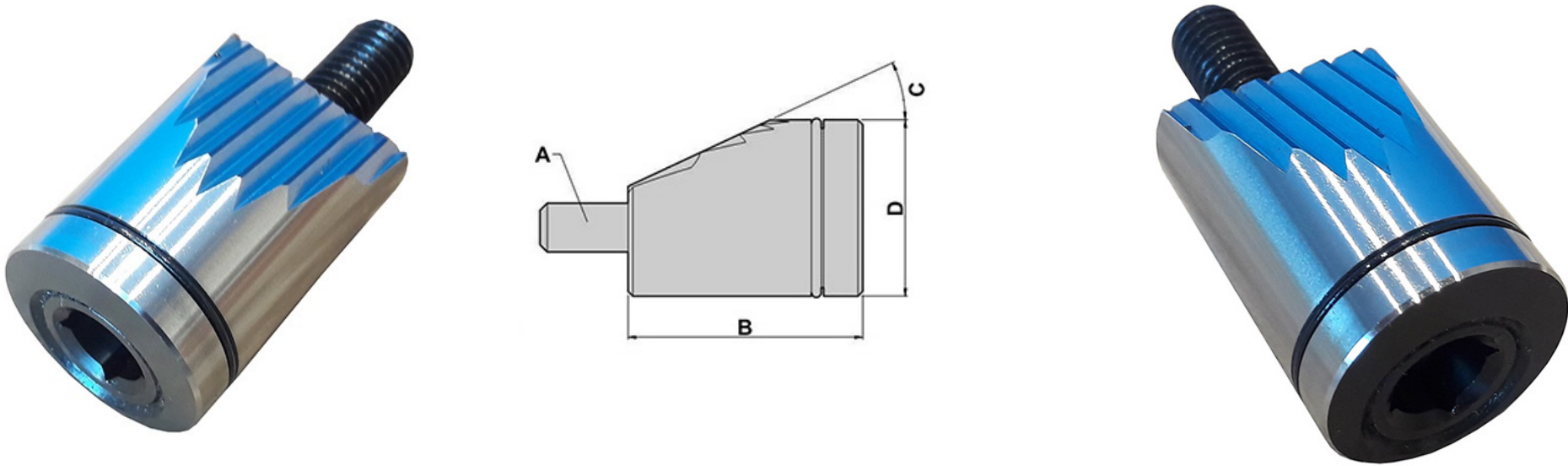
VDI WEDGE OD=25 mm ECCENTRIC for GILDEMEISTER 30/2A 1987



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001716	VDI WEDGE OD=25 mm ECCENTRIC for GILDEMEISTER 30/2A 1987							

Updated 202302

VDI20 WEDGE ECCENTRIC OD=18 mm



SKU	VDI	A	B	C	D
THS000211	VDI16	M5	22	20	16
THS000206	VDI20	M6	28	20	18
THS000207	VDI30	M8	34	20	22
THS000208	VDI40	M10	42	20	28
THS000215	VDI40 DUPLOMATIC	M10	44	20	40
THS000209	VDI50	M10	48	25	36
THS000214	VDI50 DUPLOMATIC	M12	56	25	50
THS000213	VDI60	M12	54	25	42
THS000210	VDI60 DUPLOMATIC	M16	70	25	50

Updated 2020.8.11:12:44

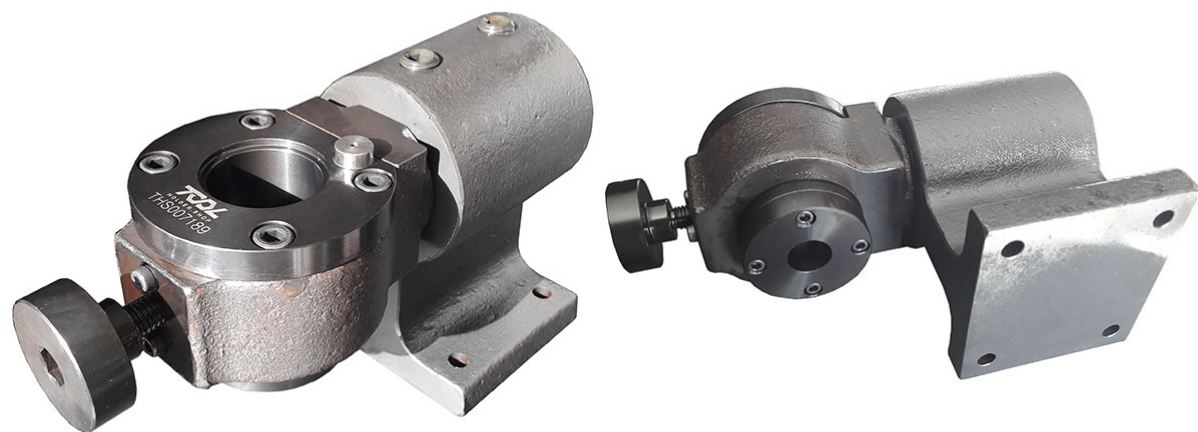
SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS000206	VDI20 WEDGE ECCENTRIC OD=18 mm							
	VDI 20 STATIC							
THS000207	VDI30 WEDGE ECCENTRIC OD=22 mm							
	VDI 30 STATIC							
THS000208	VDI40 WEDGE ECCENTRIC OD=28 mm							
	VDI 40 STATIC							

<u>THS000209</u>	VDI50 WEDGE ECCENTRIC OD=36 mm							
	<u>VDI 50 N/S</u>	OTHER						
<u>THS000210</u>	VDI60 WEDGE ECCENTRIC OD=50 mm for DUPLOMATIC							
	<u>VDI 60 STATIC</u>							
<u>THS000211</u>	VDI16 WEDGE ECCENTRIC OD=16 mm							
	<u>VDI 16 STATIC</u>							
<u>THS000212</u>	VDI25 WEDGE ECCENTRIC OD=25 mm							
<u>THS000213</u>	VDI60 WEDGE ECCENTRIC OD=42 mm							
	<u>VDI 60 STATIC</u>							
<u>THS000214</u>	VDI50 WEDGE ECCENTRIC OD=50 mm for DUPLOMATIC							
	<u>VDI 50 STATIC</u>							
<u>THS000215</u>	VDI40 WEDGE ECCENTRIC OD=40 mm FOR DUPLOMATIC							
	<u>VDI 40 N/S</u>	OTHER						
<u>THS017268</u>	VDI30 WEDGE ECCENTRIC OD=31 mm L=50 mm							
	<u>VDI 30 N/S</u>	STRIGHT	31 mm	50 mm	STATIC STATIC	STRIGHT	NO COOLANT	STRIGHT

Updated 202302

Tool holder machine interface: N/S turret, VDI-20, STATIC, ANY

TOOL LOCKING FIXTURE SHANK SIZE VDI40

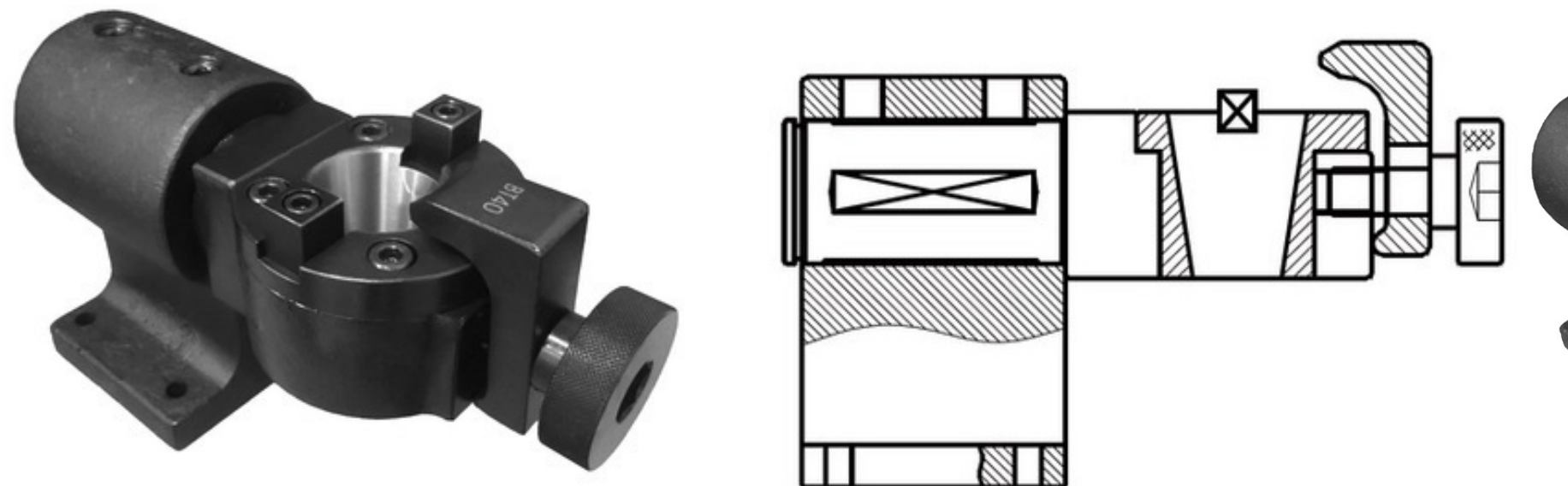


SKU	D DIN 69880	D1	A	B	C	E	F	G	H	I
THS007190	30	14	201	62	134	104	92	76	66	9
THS007189	40									

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007189	TOOL LOCKING FIXTURE SHANK SIZE VDI40							
	VDI 40 N/D	OTHER	40 mm	0	N/D STATIC	STRIGHT	NO COOLANT	STRIGHT
THS007190	TOOL LOCKING FIXTURE SHANK SIZE VDI30							
	VDI 30 N/D	OTHER	30 mm	0	STATIC STATIC	STRIGHT	NO COOLANT	STRIGHT

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TOOL LOCKING FIXTURE TAPER SIZE 30



SKU	Tool shank
THS006106	BT30
SKP003673	BT40, SK40, CAT40
SKP003674	BT50, SK50, CAT50
SKP003675	HSK63
SKP003676	HSK100
SKP013777	PSC-C6

* SKP003673 and SKP003674 models are suitable for BT, SK, CAT standard tool holders with different fixing blocks. When ordering please indicate the tool shank standard you need.

Updated 2021.05.11

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006106	TOOL LOCKING FIXTURE TAPER SIZE 30							
THS015256	TOOL LOCKING FIXTURE TAPER SIZE 40							
THS015257	TOOL LOCKING FIXTURE TAPER SIZE 50							

<u>THS015258</u>	TOOL LOCKING FIXTURE TAPER SIZE $\diamond$ 6							
<u>THS015259</u>	TOOL LOCKING FIXTURE TAPER SIZE HSK100							
<u>THS015260</u>	TOOL LOCKING FIXTURE TAPER SIZE HSK63							

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TOOL HOLDER SHOP INC

www.toolholdershop.com

**30-200 VIA RENZO DR
RICHMOND HILL
ONTARIO, CANADA
L4S0B8**