KTA SPINDLE TOOLINGS

(A Tool Holder Company Since 1985)

World's Most Preferred Indian Toolholding Company

Polygonal Shank Precision Tool Holders (KPS) (ISO 26623 - 1)













VOL 4

www.ktaspindletoolings.com

CONTENTS		
SR NO	DESCRIPTION	PAGE NO.
1	KPS Tool Holders	1 To 72
2	KPS External Turning Tools	73 To 158
3	KPS Internal Turning Tools	159 To 189
4	KPS Axial & Radial Tool Holders	190 To 201
5	KPS Tool Holder Blocks	202 To 213

Declaration :

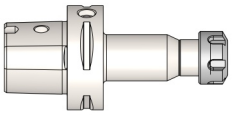
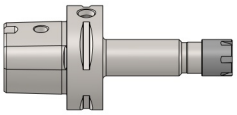
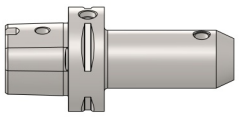
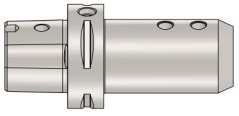
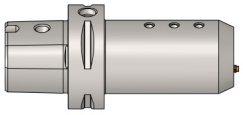
This logo is the Registered Trademark of KTA Spindle Toolings LLP

The information in this catalogue is believed to be correct. KTA Spindle Toolings LLP however, assumes no responsibility for any errors, inaccuracies or omissions that may appear in this catalogue. Information in this catalogue is subject to change without notice and should not be taken as a commitment by KTA Spindle Toolings LLP or its subsidiaries.

Director
KTA Spindle Toolings LLP
Hinjawadi, Pune (INDIA)

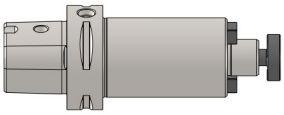
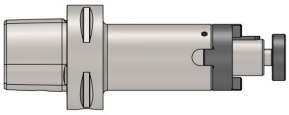
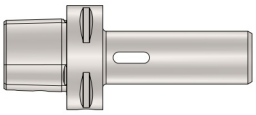
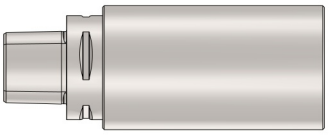
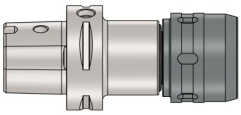
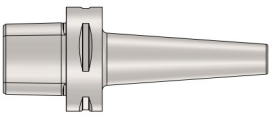
Polygonal Shank Tool Holders (KPS) (ISO 26623-1)

INDEX

SR NO	DESCRIPTION	MODEL DRAWINGS	PAGE NO.
	KPS Tool Holders (ISO 26623-1)		
1	• **KPS (ISO 26623-1) Technical Information**		1 - 2
2	**KPS Collet Chuck ER (DIN 6499)**		
	• Collect Chuck ER (Standard Series)		3 - 5
	• Collect Chuck ER Mini (M-Type)		6
3	**KPS Weldon End Mill Holder (DIN 1835B) (DIN 6359)**		
	• Weldon Standard Series (WE)		7 - 9
	• Weldon FCC Series (WE : FCC)		10 - 12
4	**KPS Side Lock Adaptor (SLA)**		
	• SLA : E1 Series (Through Coolant)		13 - 14
	• SLA : E2 Series (Without Through Coolant)		15 - 16

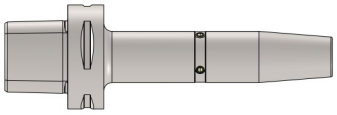
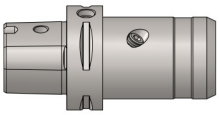
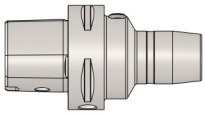
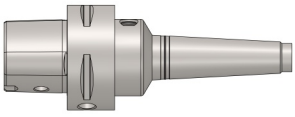
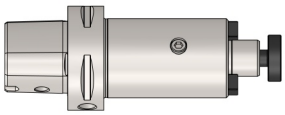
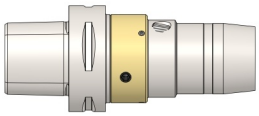
Polygonal Shank Tool Holders (KPS)
(ISO 26623-1)

INDEX

SR NO	DESCRIPTION	MODEL DRAWINGS	PAGE NO.
	KPS Face Mill Holder (FMH) (DIN 6357)		
5	• FMH-K (Through Coolant)		17 - 18
	KPS Combi Shell Mill Adaptor (CSMA) (DIN 6358)		
6	• CSMA-K (Through Coolant)		19
7	**KPS Morse Taper Adapter (MTA) (DIN 6383)**		20
8	**KPS Boring Bar Blank**		21 - 22
9	**KPS Master Mandrell**		23
10	**KPS Power Milling Chuck (PMC)**		24
11	**KPS Milling Cutter Arbor (MCA)**		25 - 26

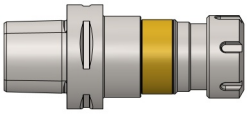
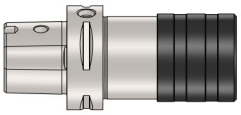
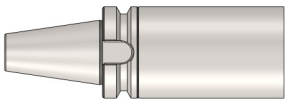
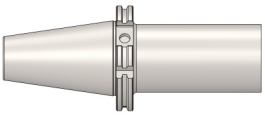
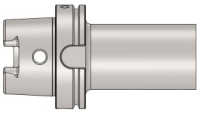
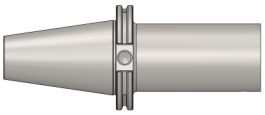
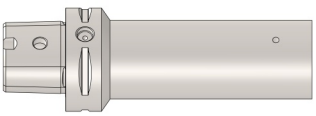
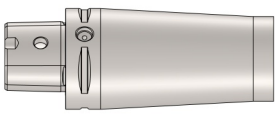
Polygonal Shank Tool Holders (KPS)
(ISO 26623-1)

INDEX

SR NO	DESCRIPTION	MODEL DRAWINGS	PAGE NO.
12	**KPS Shrink Fit Holder (SFH 4.5°)**		
	• SFH 4.5° Standard Series		27 - 31
	• SFH 4.5° : FCC Series (Face Coolant Channel)		32 - 36
13	**KPS Hydraulic Expansion Chuck (HC)**		
	• HC Heavy Duty		37
	• HC Heavy Duty : FCC		38
	• HC Standard Series		39 - 41
	• HC Slim 3° Series		42 - 47
	• HC Face Mill Holder (HC FMH-K)		48
	• HC Runout Adjustment (HC RA)		49 - 50

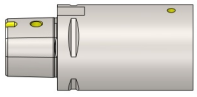
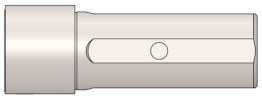
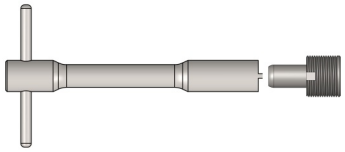
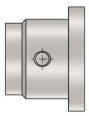
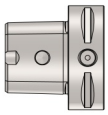
Polygonal Shank Tool Holders (KPS)
(ISO 26623-1)

INDEX

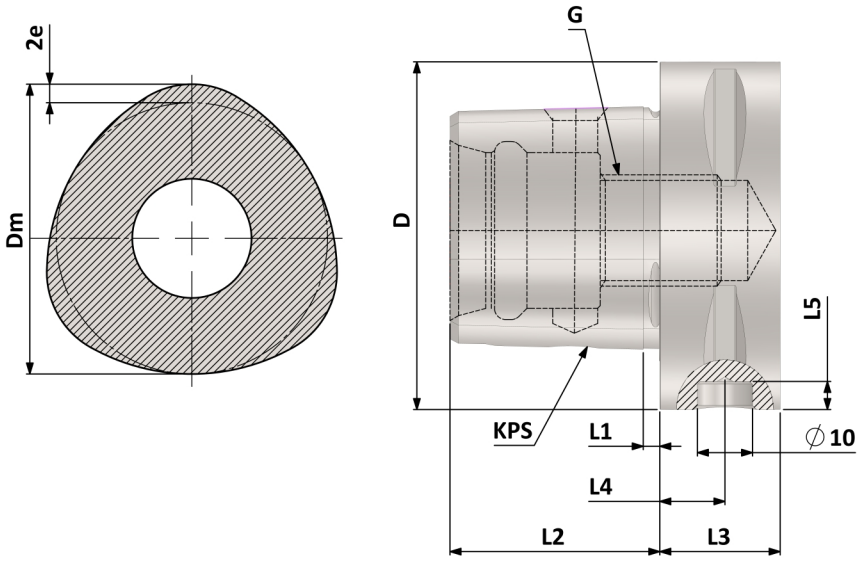
SR NO	DESCRIPTION	MODEL DRAWINGS	PAGE NO.
14	**KPS Minimum Length Compensation Tapping Chuck (MLC) (DIN 6499)**		51 - 52
15	**KPS Quick Change Tapping Chuck (KWFLK)**		53 - 55
16	**KPS Reduction Sleeve**		
	• BT X KPS		56 - 57
	• SK X KPS		58 - 59
	• HSK X KPS		60 - 61
	• CAT X KPS		62 - 63
	• KPS X KPS	 	64 - 66

Polygonal Shank Tool Holders (KPS)
(ISO 26623-1)

INDEX

SR NO	DESCRIPTION	MODEL DRAWINGS	PAGE NO.
17	**KPS X KPS Extension**		67 - 68
18	**Reduction Sleeve Cylindrical Shank x KPS**		
	• Manual Clamping		69
	• Centre Screw Locking		70
19	**KPS Coolant Tube & Coolant Tube Spanner**		71
20	**KPS Manual Cap**		72
21	**KPS Automatic Cap**		

KPS (ISO 26623-1)
Technical Information



KPS TOOLHOLDER (ISO 26623-1) : Technical Information									
KPS	D	Dm	e	L1	L2	L3	L4	L5	G
KPS3	32	22	0.70	2.5	19	15	9	5.4	M12 X 1.5
KPS4	40	28	0.90	2.5	24	20	12	5.2	M14 X 1.5
KPS5	50	35	1.12	3.0	30	20	12	5.1	M16 X 1.5
KPS6	63	44	1.40	3.0	38	22	12	5	M20 X 2
KPS8	80	55	2.00	3.0	48	30	12	4.9	M20 X 2
KPS8X	100	55	2.00	3.0	48	32	16	4.9	M20 x 2
KPS10	100	72	2.80	3.0	60	36	16	4.9	M24 X 2

*All dimensions are in mm.

Material :

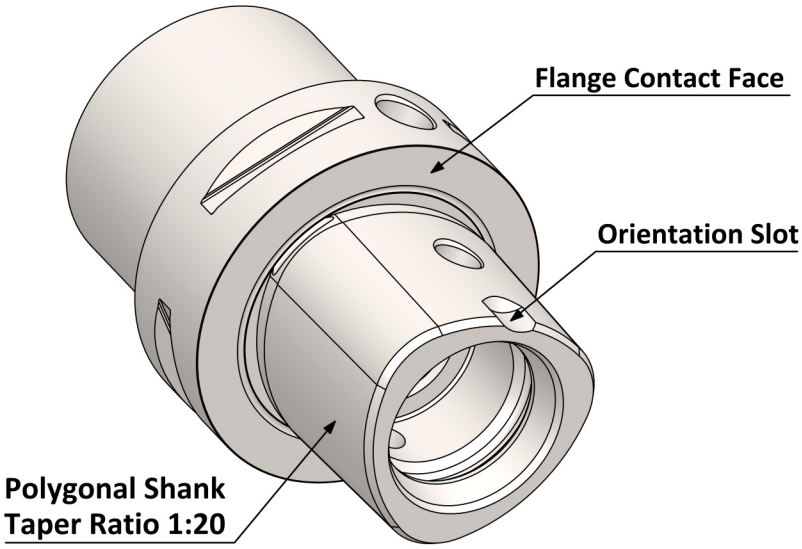
Case hardened steel, Tensile strength in the core min. 950 N/mm²

Execution :

Case hardened to HRC 58 ±2, Case Depth 0.6mm +0.2mm
Shrink Fit Holder Material - DIN 1.2343 Hardness 52 to 54 HRC

Accuracy :

Polygon form and cone angle according to ISO 26623-1 ● Taper Ratio 1:20
Surface Roughness of cone max. Ra 0.3 µm



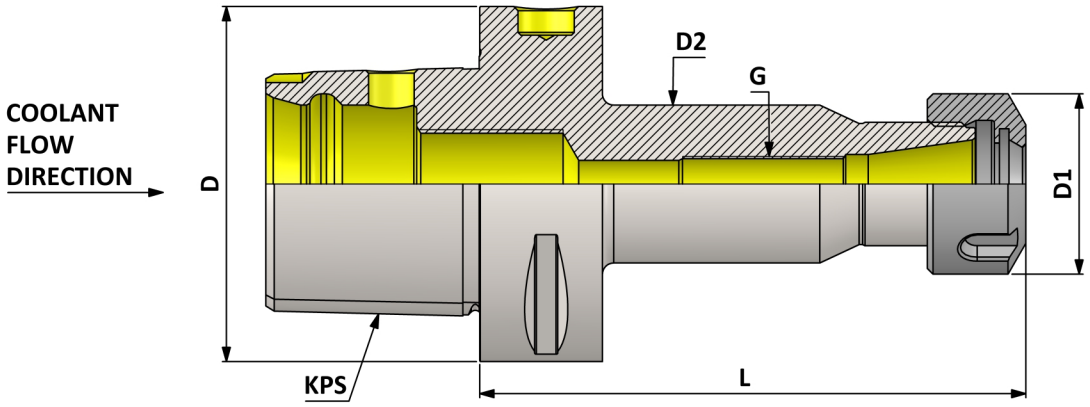
KTA Polygonal Shank Holder (KPS Holder) is modular tooling system manufactured under Standard ISO 26623-1. It is a unique, self-centering polygonal taper with dual contact (taper and face contact) which provides exceptional torque transmission, higher repeatability and bending stiffness on CNC turning centers & multi task machines.

Key Benefits: -

- Polygonal Shank Taper ratio 1:20 (As per ISO 26623-1)
- KPS holder mounts in spindle with dual contact at fixed orientation which ensures vibration free machining.
- This modular system allows quick tool change (Manual or Automatic) which improves productivity and reduces machine downtime.
- The design of high-pressure coolant flow extends tool life, improves chip evacuation & surface finish.
- Range available from KPS3 – KPS8
- Balancing grade 2.5G, 25000 RPM

KPS (ISO 26623-1)
Collet Chuck ER (DIN-6499)

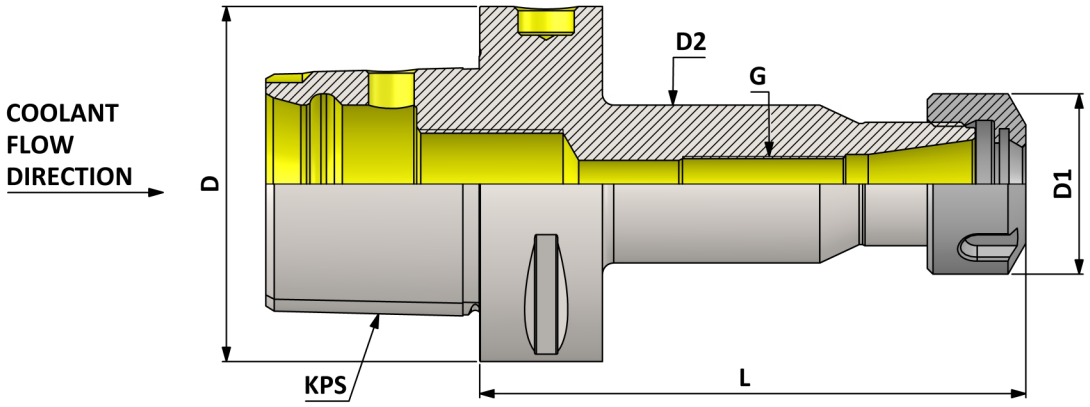
Maximum Runout of the Internal Taper with respect to External Taper 0.005 mm as supplied



KPS (ISO 26623-1) Collet Chuck ER											(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**Suitable Collet**	**Collet Capacity**	**D**	**D1**	**D2**	**G**	**L**	**Nut**	**Spanner**
KPS3 ER 16 045	K10421273272226	KPS 32	ER16	0.5-10	32	32	-	M10 x 1	45	UM/ER16	E16
KPS3 ER 20 045	K10421273273226	KPS 32	ER20	1-13	32	35	-	M10 x 1	45	UM/ER20	E20
KPS4 ER 16 060	K10422273272226	KPS 40	ER16	0.5-10	40	32	-	M10 x 1	60	UM/ER16	E16
KPS4 ER 20 060	K10422273273226	KPS 40	ER20	1-13	40	35	-	M10 x 1	60	UM/ER20	E20
KPS4 ER 25 060	K10422273274226	KPS 40	ER25	1.0-16	40	42	-	M18 x 1	60	UM/ER25	E25
KPS4 ER 32 060	K10422273275226	KPS 40	ER32	2.0-20	40	50	-	M22 x 1.5	60	UM/ER32	E32
KPS5 ER 16 060	K10423273272226	KPS 50	ER16	0.5-10	50	32	-	M10 x 1	60	UM/ER16	E16
KPS5 ER 16 100	K10423149148127	KPS 50	ER16	0.5-10	50	32	28	M10 x 1	100	UM/ER16	E16
KPS5 ER 20 060	K10423150952127	KPS 50	ER20	1-13	50	35	-	M10 x 1	60	UM/ER20	E20
KPS5 ER 20 100	K10423150148127	KPS 50	ER20	1-13	50	35	33	M10 x 1	100	UM/ER20	E20
KPS5 ER 25 060	K10423151952127	KPS 50	ER25	1.0-16	50	42	-	M18 x 1	60	UM/ER25	E25
KPS5 ER 25 100	K10423151148127	KPS 50	ER25	1.0-16	50	42	40	M18 x 1	100	UM/ER25	E25
KPS5 ER 32 060	K10423152952127	KPS 50	ER32	2.0-20	50	50	-	M22 x 1.5	60	UM/ER32	E32
KPS5 ER 32 100	K10423152148127	KPS 50	ER32	2.0-20	50	50	48	M22 x 1.5	100	UM/ER32	E32
KPS5 ER 40 065	K10423153123127	KPS 50	ER40	3.0-26	50	63	-	M30 x 1.5	65	UM/ER40	E40
KPS5 ER 40 100	K10423153148127	KPS 50	ER40	3.0-26	50	63	-	M30 x 1.5	100	UM/ER40	E40

KPS (ISO 26623-1)
Collet Chuck ER (DIN-6499)

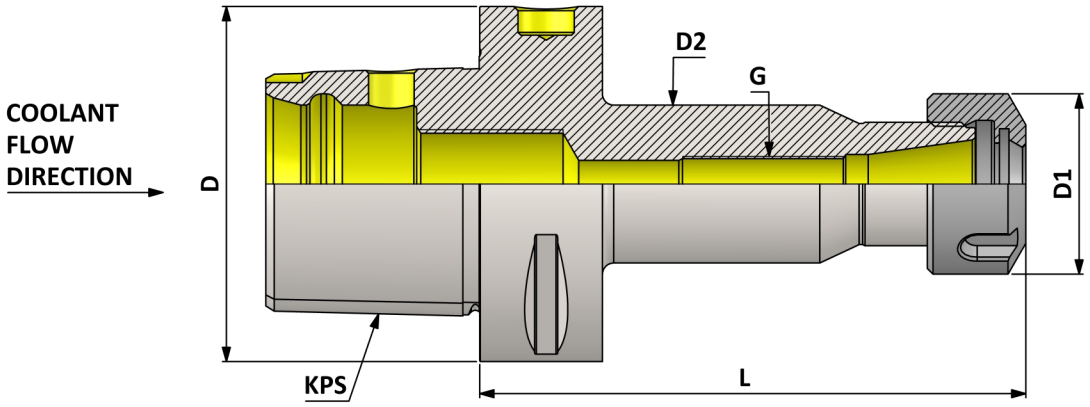
Maximum Runout of the Internal Taper with respect to External Taper 0.005 mm as supplied



KPS (ISO 26623-1) Collet Chuck ER											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D	D1	D2	G	L	Nut	Spanner
KPS6 ER 16 060	K10419149952283	KPS 63	ER16	0.5-10	63	32	-	M10 x 1	60	UM/ER16	E16
KPS6 ER 16 100	K10419149148283	KPS 63	ER16	0.5-10	63	32	28	M10 x 1	100	UM/ER16	E16
KPS6 ER 16 130	K10419149165283	KPS 63	ER16	0.5-10	63	32	28	M10 x 1	130	UM/ER16	E16
KPS6 ER 16 160	K10419273272521	KPS 63	ER16	0.5-10	63	32	28	M10 x 1	160	UM/ER16	E16
KPS6 ER 20 060	K10419150667283	KPS 63	ER20	1-13	63	35	-	M10 x 1	60	UM/ER20	E20
KPS6 ER 20 100	K10419150148227	KPS 63	ER20	1-13	63	35	33	M10 x 1	100	UM/ER20	E20
KPS6 ER 20 130	K10419150165127	KPS 63	ER20	1-13	63	35	33	M10 x 1	130	UM/ER20	E20
KPS6 ER 20 160	K10419273273521	KPS 63	ER20	1-13	63	35	33	M10 x 1	160	UM/ER20	E20
KPS6 ER 25 060	K10419635952283	KPS 63	ER25	1.0-16	63	42	-	M18 x 1	60	UM/ER25	E25
KPS6 ER 25 100	K10419635148227	KPS 63	ER25	1.0-16	63	42	40	M18 x 1	100	UM/ER25	E25
KPS6 ER 25 130	K10419635165283	KPS 63	ER25	1.0-16	63	42	40	M18 x 1	130	UM/ER25	E25
KPS6 ER 25 160	K10419273274521	KPS 63	ER25	1.0-16	63	42	40	M18 x 1	160	UM/ER25	E25
KPS6 ER 32 060	K10419152667283	KPS 63	ER32	2.0-20	63	50	-	M22 x 1.5	60	UM/ER32	E32
KPS6 ER 32 100	K10419152148283	KPS 63	ER32	2.0-20	63	50	48	M22 x 1.5	100	UM/ER32	E32
KPS6 ER 32 130	K10419152165283	KPS 63	ER32	2.0-20	63	50	48	M22 x 1.5	130	UM/ER32	E32
KPS6 ER 32 160	K10419273275521	KPS 63	ER32	2.0-20	63	50	48	M22 x 1.5	160	UM/ER32	E32
KPS6 ER 40 070	K10419153123283	KPS 63	ER40	3.0-26	63	63	-	M30 x 1.5	70	UM/ER40	E40
KPS6 ER 40 100	K10419153148283	KPS 63	ER40	3.0-26	63	63	-	M30 x 1.5	100	UM/ER40	E40
KPS6 ER 40 130	K10419153165283	KPS 63	ER40	3.0-26	63	63	-	M30 x 1.5	130	UM/ER40	E40
KPS6 ER 40 160	K10419273276521	KPS 63	ER40	3.0-26	63	63	-	M30 x 1.5	160	UM/ER40	E40

KPS (ISO 26623-1)
Collet Chuck ER (DIN-6499)

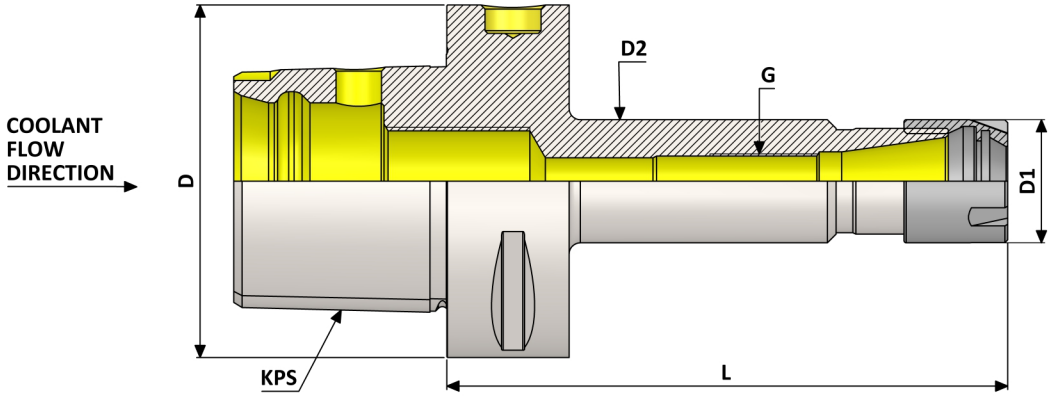
Maximum Runout of the Internal Taper with respect to External Taper 0.005 mm as supplied



KPS (ISO 26623-1) Collet Chuck ER											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D	D1	D2	G	L	Nut	Spanner
KPS8 ER 32 070	K10425152125127	KPS 80	ER32	2.0-20	80	50	-	M22 x 1.5	70	UM/ER32	E32
KPS8 ER 32 160	K10425152175127	KPS 80	ER32	2.0-20	80	50	48	M22 x 1.5	160	UM/ER32	E32
KPS8 ER 40 070	K10425153125127	KPS 80	ER40	3.0-26	80	63	-	M30 x 1.5	70	UM/ER40	E40
KPS8 ER 40 160	K10425153148127	KPS 80	ER40	3.0-26	80	63	-	M30 x 1.5	160	UM/ER40	E40
KPS8X ER 32 100	K10424152148796	KPS80X	ER 32	2.0-20	100	50	48	M22 x 1.5	100	UM/ER32	E32
KPS8X ER 32 160	K10424152175796	KPS80X	ER32	2.0-20	100	50	48	M22 x 1.5	160	UM/ER32	E32
KPS8X ER 40 100	K10424153148796	KPS80X	ER40	3.0-26	100	63	-	M30 x 1.5	100	UM/ER40	E40
KPS8X ER 40 160	K10424153175796	KPS80X	ER40	3.0-26	100	63	-	M30 x 1.5	160	UM/ER40	E40
KPS8X ER 50 100	K10424154148796	KPS80X	ER50	10.0-34	100	78	-	M16 x 2	100	UM/ER50	E50
KPS8X ER 50 160	K10424154175796	KPS80X	ER50	10.0-34	100	78	-	M16 x 2	160	UM/ER50	E50

KPS (ISO 26623-1)
Collet Chuck ER - M (DIN-6499)

Maximum Runout of the Internal Taper with respect to External Taper 0.005 mm as supplied

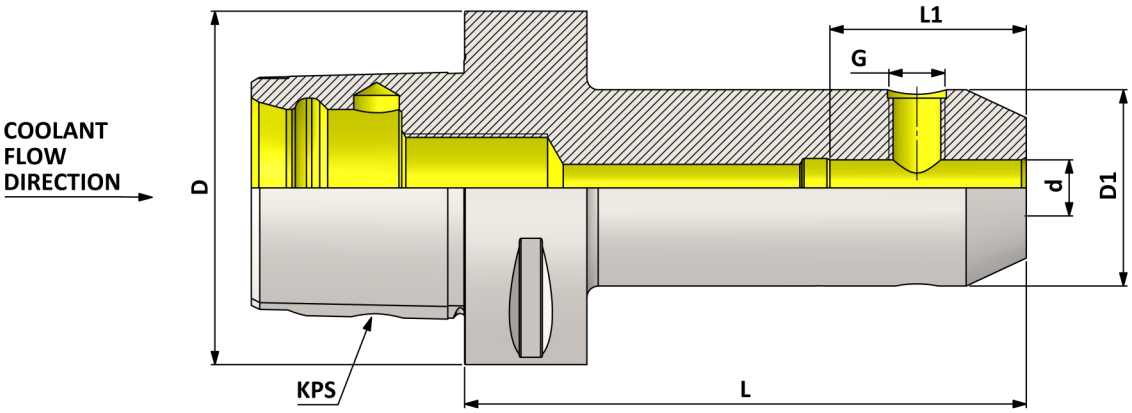


KPS (ISO 26623-1) ER-M TYPE **(Balanced to 2.5G 25000 RPM)**

Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D	D1	D2	G	L	Nut	Spanner
KPS5 ER11M 100	K10423156148127	KPS 50	ER 11	0.5-7	50	16	16	M6 x 1	100	ER11M	E11M
KPS5 ER16M 100	K10419157148127	KPS 50	ER16	0.5-10	50	22	22	M10 x 1	100	ER16M	E16M
KPS5 ER20M 100	K10423158148127	KPS 50	ER 20	1.0-13	50	28	28	M10 x 1	100	ER20M	E20M
KPS5 ER25M 100	K10423159148127	KPS 50	ER 25	1.0-16	50	35	35	M18 X 1	100	ER25M	E25M
KPS6 ER11M 100	K10419156148127	KPS 63	ER 11	0.5-7	63	16	16	M6 x 1	100	ER11M	E11M
KPS6 ER11M 160	K10419156175127	KPS 63	ER 11	0.5-7	63	16	16	M6 x 1	160	ER11M	E11M
KPS6 ER16M 100	K10419157148283	KPS 63	ER16	0.5-10	63	22	22	M10 x 1	100	ER16M	E16M
KPS6 ER16M 130	K10419157165283	KPS 63	ER16	0.5-10	63	22	22	M10 x 1	130	ER16M	E16M
KPS6 ER16M 160	K10419157175127	KPS 63	ER16	0.5-10	63	22	22	M10 x 1	160	ER16M	E16M
KPS6 ER20M 100	K10419158148127	KPS 63	ER 20	1.0-13	63	28	28	M10 x 1	100	ER20M	E20M
KPS6 ER20M 160	K10419158175127	KPS 63	ER 20	1.0-13	63	28	28	M10 x 1	160	ER20M	E20M
KPS6 ER25M 100	K10419159148127	KPS 63	ER 25	1.0-16	63	35	35	M18 X 1	100	ER25M	E25M
KPS6 ER25M 160	K10419159175127	KPS 63	ER 25	1.0-16	63	35	35	M18 X 1	160	ER25M	E25M
KPS8 ER25M 100	K10425159148127	KPS 80	ER 25	1.0-16	80	35	35	M18 X 1	100	ER25M	E25M
KPS8 ER25M 160	K10425159175127	KPS 80	ER 25	1.0-16	80	35	35	M18 X 1	160	ER25M	E25M

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
(WE) (DIN 6359)

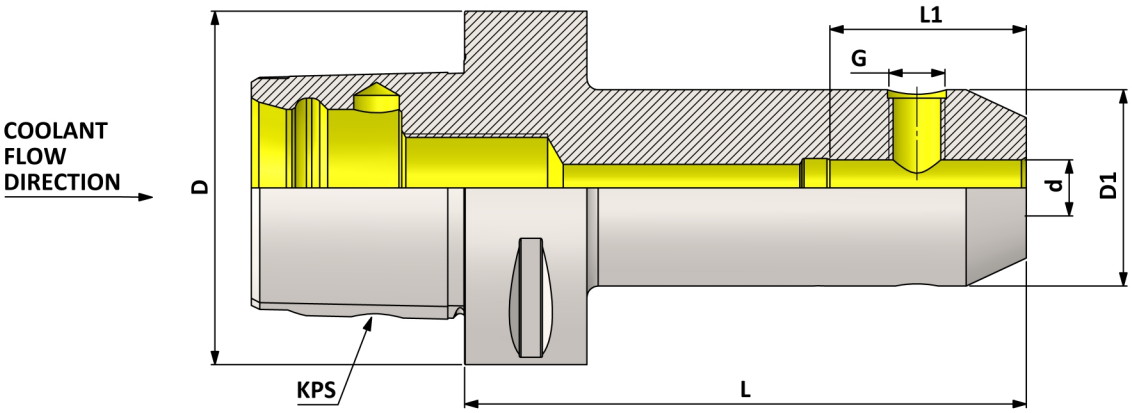
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	G	L	L1	Screw Qty
KPS3 WE06 045	K10421669369127	KPS 32	6	32	25	M6	45	34	1
KPS3 WE08 045	K10421670369127	KPS 32	8	32	28	M8	45	34	1
KPS3 WE10 050	K10421674960127	KPS 32	10	32	35	M10	50	40	1
KPS3 WE12 055	K10421672142127	KPS 32	12	32	42	M12	55	46	1
KPS4 WE06 050	K10422669960127	KPS 40	6	40	25	M6	50	34	1
KPS4 WE08 050	K10422670960127	KPS 40	8	40	28	M8	50	34	1
KPS4 WE10 050	K10422674960127	KPS 40	10	40	35	M10	50	40	1
KPS4 WE12 055	K10422672142127	KPS 40	12	40	42	M12	55	46	1
KPS4 WE14 055	K10422676142127	KPS 40	14	40	44	M12	55	46	1
KPS4 WE16 055	K10422675142127	KPS 40	16	40	48	M14	55	48	1
KPS5 WE06 050	K10423669142127	KPS 50	6	50	25	M6	50	34	1
KPS5 WE08 050	K10423670142127	KPS 50	8	50	28	M8	50	34	1
KPS5 WE10 060	K10423674123127	KPS 50	10	50	35	M10	60	40	1
KPS5 WE12 060	K10423672123127	KPS 50	12	50	42	M12	60	46	1
KPS5 WE14 060	K10423675123127	KPS 50	14	50	44	M12	60	46	1
KPS5 WE16 060	K10423677123127	KPS 50	16	50	48	M14	60	48	1
KPS5 WE18 060	K10423676123127	KPS 50	18	50	50	M14	60	48	1
KPS5 WE20 080	K10423633123127	KPS 50	20	50	52	M16	80	52	1
KPS5 WE25 080	K10423673123127	KPS 50	25	50	65	M18 x 2	80	56	2

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
(WE) (DIN 6359)

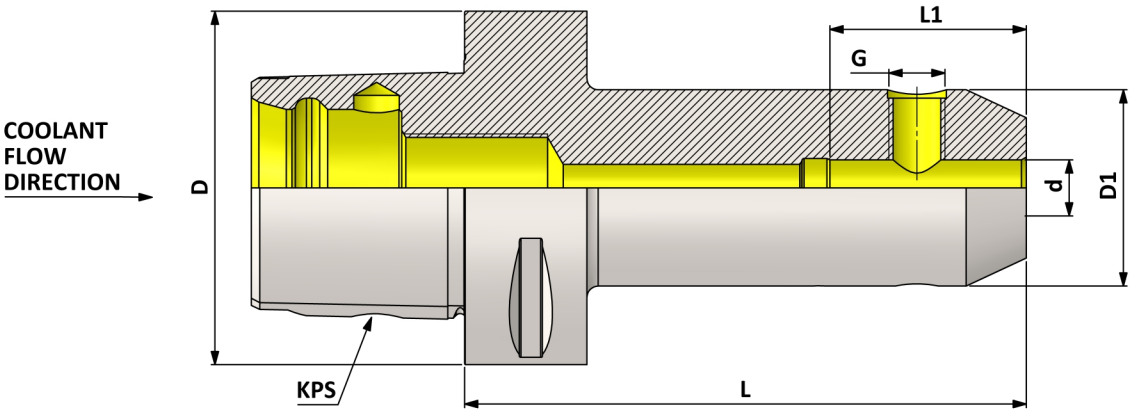
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	G	L	L1	Screw Qty
KPS6 WE06 055	K10419669142283	KPS 63	6	63	25	M6	55	34	1
KPS6 WE06 100	K10419669148283	KPS 63	6	63	25	M6	100	34	1
KPS6 WE08 055	K10419670142283	KPS 63	8	63	28	M8	55	34	1
KPS6 WE08 100	K10419670148283	KPS 63	8	63	28	M8	100	34	1
KPS6 WE10 060	K10419674952283	KPS 63	10	63	35	M10	60	40	1
KPS6 WE10 100	K10419674148283	KPS 63	10	63	35	M10	100	40	1
KPS6 WE12 060	K10419672952283	KPS 63	12	63	42	M12	60	46	1
KPS6 WE12 100	K10419672148283	KPS 63	12	63	42	M12	100	46	1
KPS6 WE14 060	K10419675952283	KPS 63	14	63	44	M12	60	46	1
KPS6 WE14 100	K10419675148283	KPS 63	14	63	44	M12	100	46	1
KPS6 WE16 065	K10419632123283	KPS 63	16	63	48	M14	65	48	1
KPS6 WE16 100	K10419632148283	KPS 63	16	63	48	M14	100	48	1
KPS6 WE18 065	K10419676123283	KPS 63	18	63	50	M14	65	48	1
KPS6 WE18 100	K10419676148283	KPS 63	18	63	50	M14	100	48	1
KPS6 WE20 065	K10419633123283	KPS 63	20	63	52	M16	65	52	1
KPS6 WE20 100	K10419633148283	KPS 63	20	63	52	M16	100	52	1
KPS6 WE25 080	K10419673131283	KPS 63	25	63	65	M18 x 2	80	56	2
KPS6 WE25 100	K10419673148283	KPS 63	25	63	65	M18 x 2	100	56	2
KPS6 WE32 090	K10419677140283	KPS 63	32	63	72	M20 x 2	90	60	2
KPS6 WE32 100	K10419677148283	KPS 63	32	63	72	M20 x 2	100	60	2
KPS6 WE40 100	K10419678148283	KPS 63	40	63	80	M20 x 2	100	70	2

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
(WE) (DIN 6359)

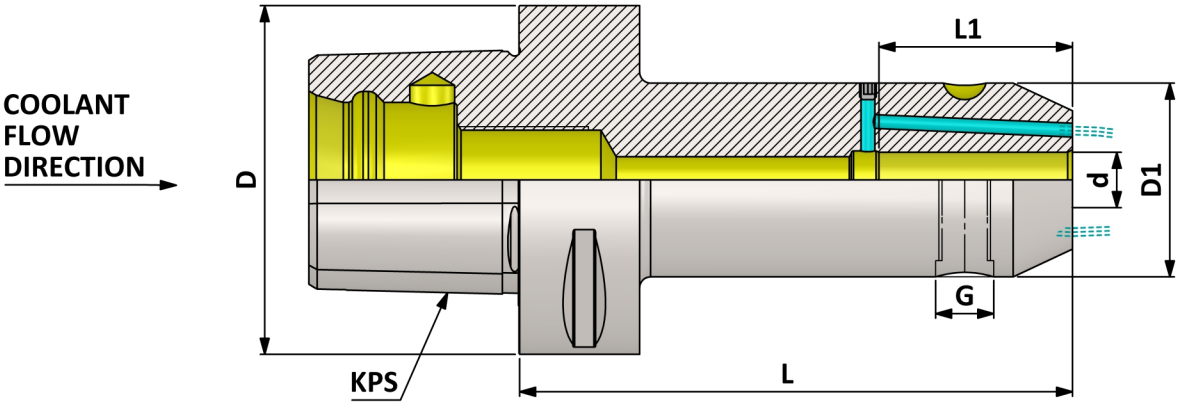
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	G	L	L1	Screw Qty
KPS8 WE06 070	K10425669125127	KPS 80	6	80	25	M6	70	34	1
KPS8 WE08 070	K10425670125127	KPS 80	8	80	28	M8	70	34	1
KPS8 WE10 070	K10425674125127	KPS 80	10	80	35	M10	70	40	1
KPS8 WE12 070	K10425672125127	KPS 80	12	80	42	M12	70	46	1
KPS8 WE14 070	K10425675125127	KPS 80	14	80	44	M12	70	46	1
KPS8 WE16 070	K10425246125127	KPS 80	16	80	48	M14	70	48	1
KPS8 WE18 070	K10425676125127	KPS 80	18	80	50	M14	70	48	1
KPS8 WE20 070	K10425633125127	KPS 80	20	80	52	M16	70	52	1
KPS8 WE25 080	K10425673125127	KPS 80	25	80	65	M18 x 2	80	56	2
KPS8 WE32 080	K10425677131127	KPS 80	32	80	72	M20 x 2	80	60	2
KPS8 WE40 110	K10425678156127	KPS 80	40	80	80	M20 x 2	110	70	2
KPS8 WE50 120	K10425679162127	KPS 80	50	80	100	M24 x 2	120	80	2
KPS8X WE12 100	K10424672148796	KPS80X	12	100	42	M12	100	46	1
KPS8X WE16 100	K10424988148796	KPS80X	16	100	48	M14	100	48	1
KPS8X WE20 100	K10424633148796	KPS80X	20	100	52	M16	100	52	1
KPS8X WE25 100	K10424673148796	KPS80X	25	100	65	M18 x 2	100	56	2
KPS8X WE32 100	K10424677148796	KPS80X	32	100	72	M20 x 2	100	60	2
KPS8X WE40 120	K10424678162796	KPS80X	40	100	80	M20 x 2	120	70	2
KPS8X WE50 130	K10424679165796	KPS80X	50	100	100	M24 x 2	130	80	2

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
Face Coolant Channel (WE : FCC) (DIN 6359)

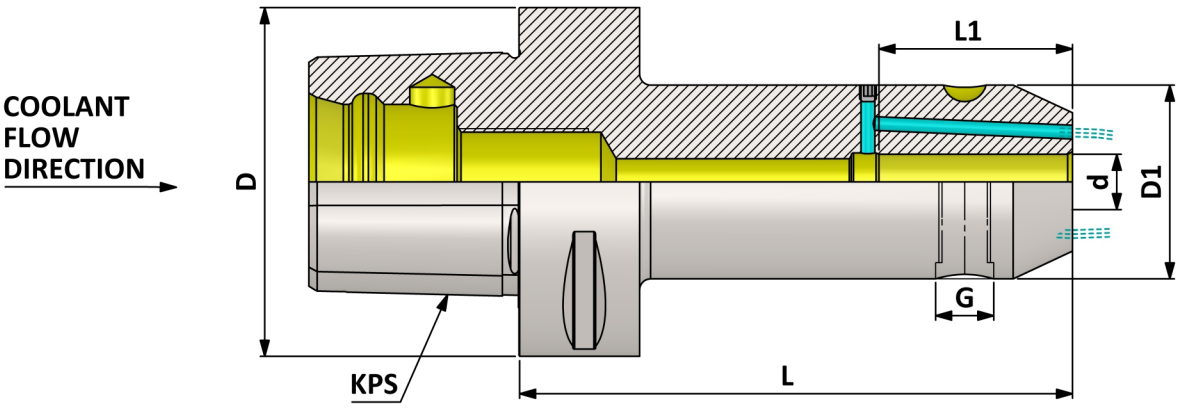
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE : FCC)									(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**G**	**L**	**L1**	**Screw Qty**
KPS3 WE06 045 FCC	K10421669369296	KPS 32	6	32	25	M6	45	34	1
KPS3 WE08 045 FCC	K10421670369296	KPS 32	8	32	28	M8	45	34	1
KPS3 WE10 050 FCC	K10421674960296	KPS 32	10	32	35	M10	50	40	1
KPS3 WE12 055 FCC	K10421672142296	KPS 32	12	32	42	M12	55	46	1
KPS4 WE06 050 FCC	K10421669960296	KPS 40	6	40	25	M6	50	34	1
KPS4 WE08 050 FCC	K10421670960296	KPS 40	8	40	28	M8	50	34	1
KPS4 WE10 050 FCC	K10422674960296	KPS 40	10	40	35	M10	50	40	1
KPS4 WE12 055 FCC	K10422672142296	KPS 40	12	40	42	M12	55	46	1
KPS4 WE14 055 FCC	K10422675142296	KPS 40	14	40	42	M12	55	46	1
KPS4 WE16 055 FCC	K10422115142296	KPS 40	16	40	48	M14	55	48	1
KPS5 WE06 050 FCC	K10423669960296	KPS 50	6	50	25	M6	50	34	1
KPS5 WE08 050 FCC	K10423670960296	KPS 50	8	50	28	M8	50	34	1
KPS5 WE10 060 FCC	K10423674952296	KPS 50	10	50	35	M10	60	40	1
KPS5 WE12 060 FCC	K10423672952296	KPS 50	12	50	42	M12	60	46	1
KPS5 WE14 060 FCC	K10423675952296	KPS 50	14	50	44	M12	60	46	1
KPS5 WE16 060 FCC	K10423977952296	KPS 50	16	50	48	M14	60	48	1
KPS5 WE18 060 FCC	K10423676952296	KPS 50	18	50	50	M14	60	48	1
KPS5 WE20 080 FCC	K10423633131296	KPS 50	20	50	52	M16	80	52	1
KPS5 WE25 080 FCC	K10423673131296	KPS 50	25	50	65	M18 x 2	80	56	2

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
Face Coolant Channel (WE : FCC) (DIN 6359)

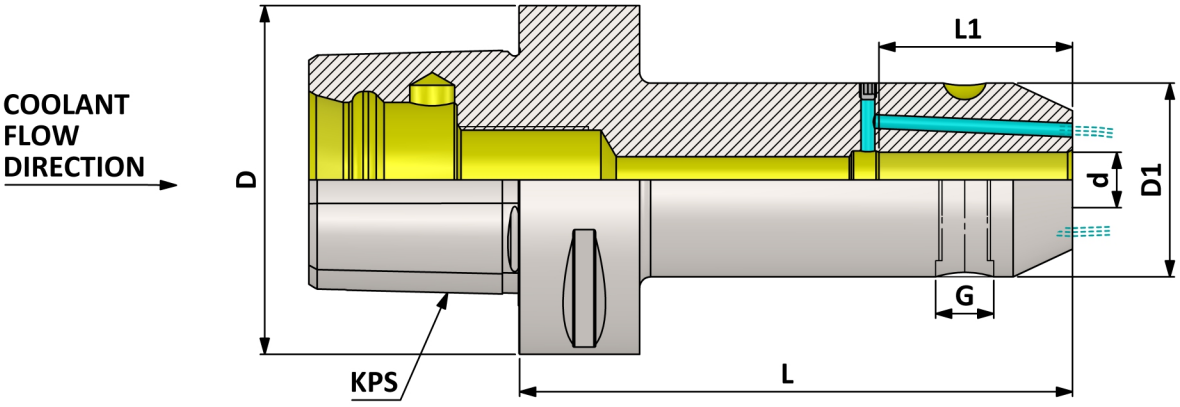
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE : FCC)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	G	L	L1	Screw Qty
KPS6 WE06 055 FCC	K10419669142256	KPS 63	6	63	25	M6	55	34	1
KPS6 WE06 100 FCC	K10419669148256	KPS 63	6	63	25	M6	100	34	1
KPS6 WE08 055 FCC	K10419670142256	KPS 63	8	63	28	M8	55	34	1
KPS6 WE08 100 FCC	K10419670148256	KPS 63	8	63	28	M8	100	34	1
KPS6 WE10 060 FCC	K10419674952256	KPS 63	10	63	35	M10	60	40	1
KPS6 WE10 100 FCC	K10419674148256	KPS 63	10	63	35	M10	100	40	1
KPS6 WE12 060 FCC	K10419672952256	KPS 63	12	63	42	M12	60	46	1
KPS6 WE12 100 FCC	K10419672148256	KPS 63	12	63	42	M12	100	46	1
KPS6 WE14 060 FCC	K10419675952256	KPS 63	14	63	44	M12	60	46	1
KPS6 WE14 100 FCC	K10419675148256	KPS 63	14	63	44	M12	100	46	1
KPS6 WE16 065 FCC	K10419632123256	KPS 63	16	63	48	M14	65	48	1
KPS6 WE16 100 FCC	K10419632148256	KPS 63	16	63	48	M14	100	48	1
KPS6 WE18 065 FCC	K10419676123256	KPS 63	18	63	50	M14	65	48	1
KPS6 WE18 100 FCC	K10419676148256	KPS 63	18	63	50	M14	100	48	1
KPS6 WE20 065 FCC	K10419633123256	KPS 63	20	63	52	M16	65	52	1
KPS6 WE20 100 FCC	K10419633148256	KPS 63	20	63	52	M16	100	52	1
KPS6 WE25 080 FCC	K10419673131256	KPS 63	25	63	65	M18 x 2	80	56	2
KPS6 WE25 100 FCC	K10419673148256	KPS 63	25	63	65	M18 x 2	100	56	2
KPS6 WE32 090 FCC	K10419677140256	KPS 63	32	63	72	M20 x 2	90	60	2
KPS6 WE32 100 FCC	K10419677148256	KPS 63	32	63	72	M20 x 2	100	60	2
KPS6 WE40 100 FCC	K10419678148256	KPS 63	40	63	80	M20 x 2	100	70	2

KPS (ISO 26623-1)
Weldon End Mill Holder (DIN 1835 B)
Face Coolant Channel (WE : FCC) (DIN 6359)

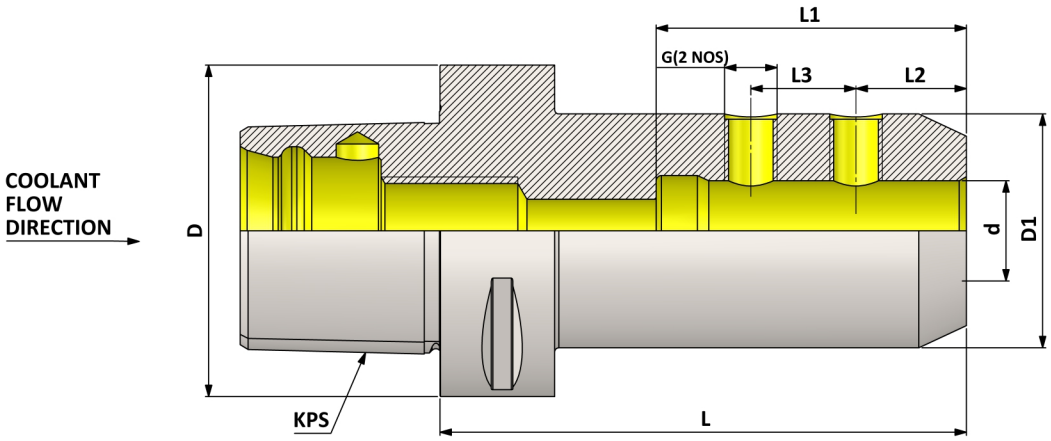
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (WE : FCC)									(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**G**	**L**	**L1**	**Screw Qty**
KPS8 WE06 070 FCC	K10425669125296	KPS 80	6	80	25	M6	70	34	1
KPS8 WE08 070 FCC	K10425670125296	KPS 80	8	80	28	M8	70	34	1
KPS8 WE10 070 FCC	K10425674125296	KPS 80	10	80	35	M10	70	40	1
KPS8 WE12 070 FCC	K10425672125296	KPS 80	12	80	42	M12	70	46	1
KPS8 WE14 070 FCC	K10425675125296	KPS 80	14	80	44	M12	70	46	1
KPS8 WE16 070 FCC	K10425977125296	KPS 80	16	80	48	M14	70	48	1
KPS8 WE18 070 FCC	K10425676125296	KPS 80	18	80	50	M14	70	48	1
KPS8 WE20 070 FCC	K10425633125296	KPS 80	20	80	52	M16	70	52	1
KPS8 WE25 080 FCC	K10425673131296	KPS 80	25	80	65	M18 x 2	80	56	2
KPS8 WE32 080 FCC	K10425677131296	KPS 80	32	80	72	M20 x 2	80	60	2
KPS8 WE40 110 FCC	K10425678156296	KPS 80	40	80	80	M20 x 2	110	70	2
KPS8 WE50 120 FCC	K10425679162296	KPS 80	50	80	100	M24 x 2	120	80	2
KPS8X WE12 100 FCC	K10424672148587	KPS80X	12	100	42	M12	100	46	1
KPS8X WE16 100 FCC	K10424988148587	KPS80X	16	100	48	M14	100	48	1
KPS8X WE20 100 FCC	K10424633148587	KPS80X	20	100	52	M16	100	52	1
KPS8X WE25 100 FCC	K10424673148587	KPS80X	25	100	65	M18 x 2	100	56	2
KPS8X WE32 100 FCC	K10424677148587	KPS80X	32	100	72	M20 x 2	100	60	2
KPS8X WE40 120 FCC	K10424678162587	KPS80X	40	100	80	M20 x 2	120	70	2
KPS8X WE50 130 FCC	K10424679165587	KPS80X	50	100	100	M24 x 2	130	80	2

KPS (ISO 26623-1) Side Lock Adaptor For Through Coolant "U" Drills (Series : E1) (SLA : E1)

Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied

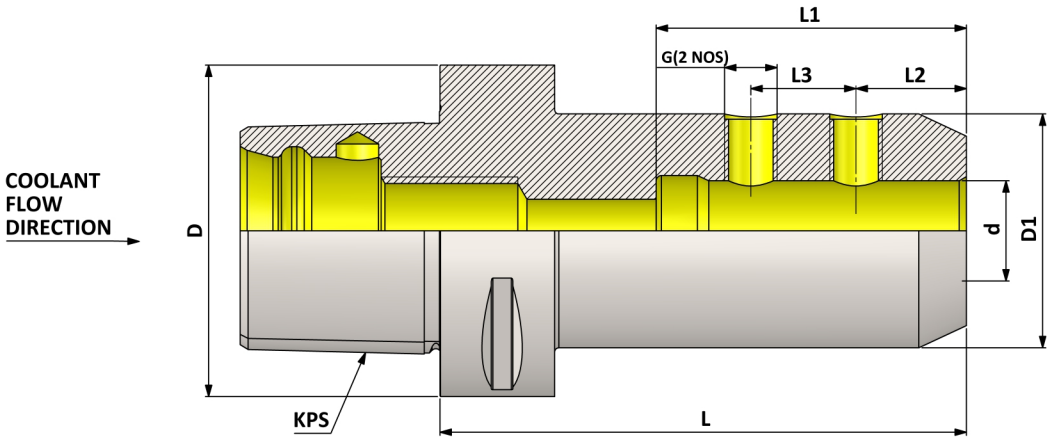


KPS (DIN 26623-1) (SLA : E1) **(Balanced to 2.5G 25000 RPM)**

Item Name	Item Code	KPS	d	D	D1	G	L	L1	L2	L3
KPS3 SLA08 052 E1	K10429102318127	KPS 32	8	32	36	M8	52	37	9	16
KPS3 SLA10 052 E1	K10429103318127	KPS 32	10	32	36	M8	52	38	9	16
KPS3 SLA12 052 E1	K10429104318127	KPS 32	12	32	36	M8	52	39	9	16
KPS3 SLA16 056 E1	K10421105142127	KPS 32	16	32	36	M8	56	52	9	20
KPS3 SLA20 060 E1	K10421106952127	KPS 32	20	32	40	M8	60	54	14	20
KPS4 SLA08 052 E1	K10422102318127	KPS 40	8	40	36	M8	52	37	9	16
KPS4 SLA10 052 E1	K10422103318127	KPS 40	10	40	36	M8	52	38	9	16
KPS4 SLA12 052 E1	K10422104318127	KPS 40	12	40	36	M8	52	39	9	16
KPS4 SLA16 056 E1	K10422105142127	KPS 40	16	40	36	M8	56	52	9	20
KPS4 SLA20 060 E1	K10422106952127	KPS 40	20	40	40	M8	60	54	9	20
KPS4 SLA25 077 E1	K10422107129127	KPS 40	25	40	45	M10	77	59	16.8	24.4
KPS5 SLA08 050 E1	K10423102960127	KPS 50	8	50	44	M8	50	40	9	20
KPS5 SLA10 050 E1	K10423103960127	KPS 50	10	50	44	M8	50	45	9	22
KPS5 SLA12 050 E1	K10423104960127	KPS 50	12	50	44	M8	50	50	9	22
KPS5 SLA16 065 E1	K10423105123127	KPS 50	16	50	44	M10	65	52	14	18
KPS5 SLA20 065 E1	K10423106952127	KPS 50	20	50	50	M10	65	54	14	18
KPS5 SLA25 071 E1	K10423107125127	KPS 50	25	50	55	M12	71	59	14	26
KPS5 SLA32 075 E1	K10423108127127	KPS 50	32	50	55	M12	75	63	14	30

KPS (ISO 26623-1) Side Lock Adaptor For Through Coolant "U" Drills (Series : E1) (SLA : E1)

Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied

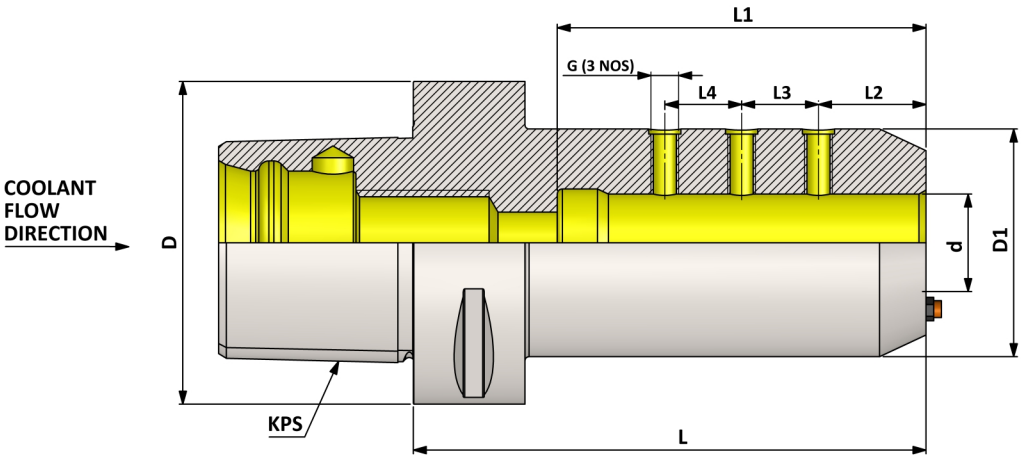


KPS (DIN 26623-1) (SLA : E1) **(Balanced to 2.5G 25000 RPM)**

Item Name	Item Code	KPS	d	D	D1	G	L	L1	L2	L3
KPS6 SLA 08 063 E1	K10419102952127	KPS 63	8	63	44	M8	63	40	9	20
KPS6 SLA10 063 E1	K10419103952127	KPS 63	10	63	44	M8	63	45	9	22
KPS6 SLA 12 063 E1	K10419104952127	KPS 63	12	63	44	M8	63	50	9	22
KPS6 SLA16 070 E1	K10419105135283	KPS 63	16	63	44	M10	70	52	14	18
KPS6 SLA20 070 E1	K10419106135283	KPS 63	20	63	50	M10	70	54	14	18
KPS6 SLA25 072 E1	K10419107148283	KPS 63	25	63	55	M12	72	59	14	26
KPS6 SLA32 075 E1	K10419108127127	KPS 63	32	63	55	M12	75	63	14	30
KPS6 SLA40 085 E1	K10419109135127	KPS 63	40	63	63	M12	85	73	16	36
KPS8 SLA16 080 E1	K10425105131127	KPS 80	16	80	44	M10	80	52	14	18
KPS8 SLA20 080 E1	K10425106131127	KPS 80	20	80	50	M10	80	54	14	18
KPS8 SLA25 085 E1	K10425107135127	KPS 80	25	80	55	M12	85	59	14	26
KPS8 SLA32 090 E1	K10425108140127	KPS 80	32	80	55	M12	90	63	14	30
KPS8 SLA40 095 E1	K10425109145127	KPS 80	40	80	63	M12	95	73	16	36
KPS8X SLA16 100 E1	K10424105148127	KPS80X	16	100	44	M10	100	61	14	18
KPS8X SLA20 100 E1	K10424106148127	KPS80X	20	100	50	M10	100	61	14	18
KPS8X SLA25 100 E1	K10424107148127	KPS80X	25	100	55	M12	100	61	14	26
KPS8X SLA32 100 E1	K10424108148127	KPS80X	32	100	72	M12	100	61	14	30
KPS8X SLA40 110 E1	K10424109156127	KPS80X	40	100	65	M16	110	66	16	36
KPS8X SLA50 120 E1	K10424110162127	KPS80X	50	100	75	M16	120	86	16	36

KPS (ISO 26623-1) Side Lock Adaptor For Without Through Coolant "U" drills (Series : E2) (SLA : E2)

Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied

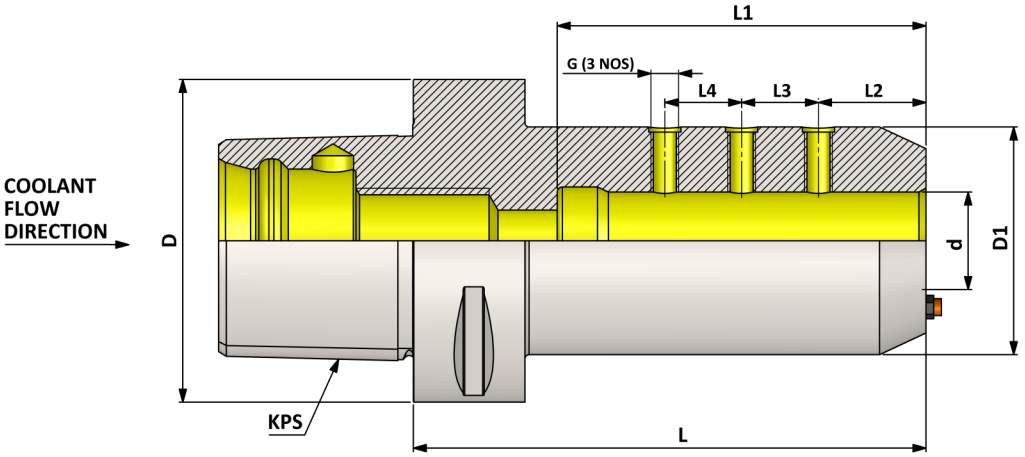


KPS (DIN 26623-1) (SLA : E2) **(Balanced to 2.5G 25000 RPM)**

Item Name	Item Code	KPS	d	D	D1	G	L	L1	L2	L3	L4
KPS4 SLA 08 060 E2	K10422102952127	KPS 40	8	40	32	M6	60	40	9	20	-
KPS4 SLA 10 065 E2	K10422103123127	KPS 40	10	40	35	M6	65	45	9	20	-
KPS4 SLA 12 065 E2	K10422104123127	KPS 40	12	40	40	M6	65	45	9	22	-
KPS4 SLA 16 070 E2	K10422105125127	KPS 40	16	40	45	M10	70	50	9	14	14
KPS4 SLA 20 070 E2	K10422106125127	KPS 40	20	40	45	M10	70	50	9	14	14
KPS5 SLA 08 070 E2	K10423102125127	KPS 50	8	50	32	M8	70	40	9	20	-
KPS5 SLA 10 070 E2	K10423103125127	KPS 50	10	50	38	M8	70	45	9	22	-
KPS5 SLA 12 070 E2	K10423104125127	KPS 50	12	50	40	M8	70	45	9	22	-
KPS5 SLA 16 080 E2	K10423105131127	KPS 50	16	50	45	M10	80	50	12	14	14
KPS5 SLA 20 080 E2	K10423106131127	KPS 50	20	50	50	M10	80	50	12	14	14
KPS5 SLA 25 100 E2	K10423107148127	KPS 50	25	50	63	M12	100	80	14	26	26

KPS (ISO 26623-1) Side Lock Adaptor For Without Through Coolant "U" drills (Series : E2) (SLA : E2)

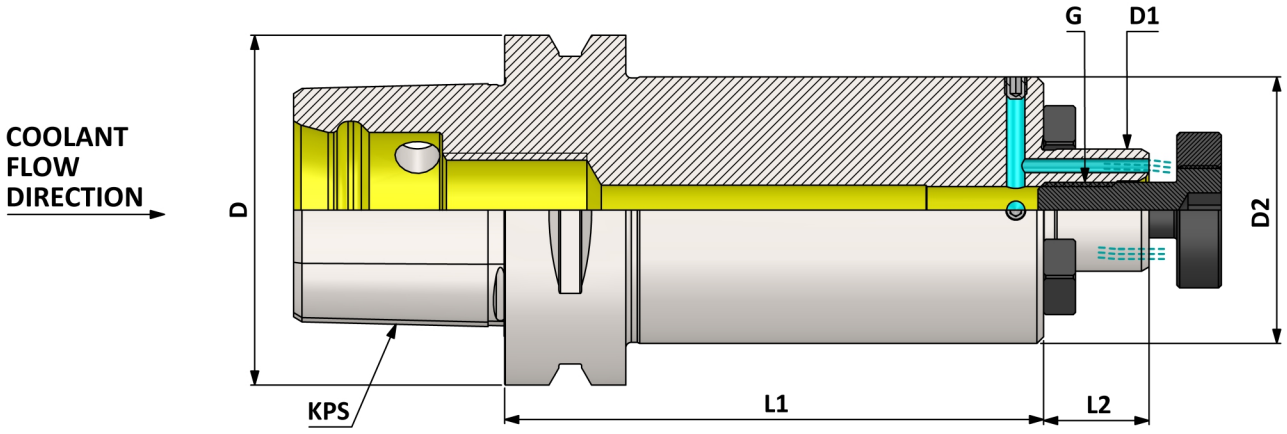
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (DIN 26623-1) (SLA : E2)											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	G	L	L1	L2	L3	L4
KPS6 SLA 08 080 E2	K10419102131127	KPS 63	8	63	32	M8	80	40	9	20	-
KPS6 SLA 10 080 E2	K10419102131127	KPS 63	10	63	38	M8	80	45	9	22	-
KPS6 SLA 12 080 E2	K10419104131127	KPS 63	12	63	40	M8	80	45	9	22	-
KPS6 SLA 16 080 E2	K10419105131127	KPS 63	16	63	45	M10	80	50	14	18	10
KPS6 SLA 20 080 E2	K10419106131127	KPS 63	20	63	50	M10	80	50	14	18	10
KPS6 SLA 25 100 E2	K10419107148127	KPS 63	25	63	63	M12	100	80	14	26	26
KPS6 SLA 32 105 E2	K10419108159283	KPS 63	32	63	67	M12	105	90	14	30	30
KPS6 SLA 40 110 E2	K10419108156127	KPS 63	40	63	77	M16	110	95	16	36	36
KPS8 SLA 20 085 E2	K10425106135127	KPS 80	20	80	50	M10	85	48	14	18	10
KPS8 SLA 25 100 E2	K10425107148127	KPS 80	25	80	63	M12	100	80	14	26	26
KPS8 SLA 32 105 E2	K10425108152127	KPS 80	32	80	67	M12	105	90	14	30	30
KPS8 SLA 40 110 E2	K10425109156127	KPS 80	40	80	77	M16	110	95	16	36	36

KPS (ISO 26623-1)
Face Mill Holder (Through Coolant)
(FMH-K) (DIN 6357)

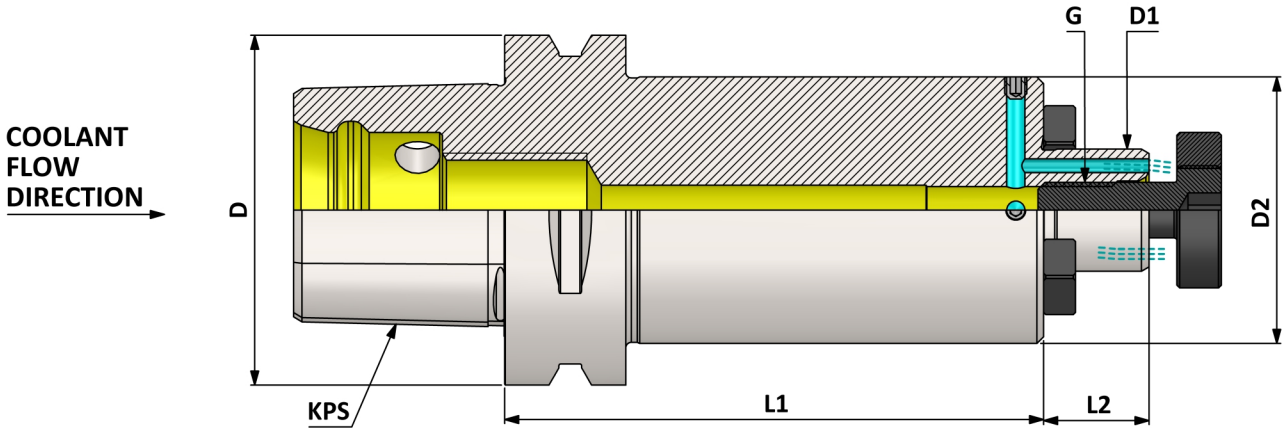
Maximum Runout of External Dia with respect to External Taper 0.005mm as supplied



KPS (DIN 26623-1) (FMH-K)								Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**D**	**D1**	**D2**	**L1**	**L2**	**G**
KPS3 FMH-K16 030 SP.S	K10421131254127	KPS 32	32	16	38	30	17	M8
KPS4 FMH-K16 035 SP.S	K10422131124127	KPS 40	40	16	38	35	17	M8
KPS4 FMH-K22 040 SP.S	K10422132541127	KPS 40	40	22	48	40	19	M10
KPS5 FMH-K16 035 SP.S	K10423131124127	KPS 50	50	16	38	35	17	M8
KPS5 FMH-K16 070 SP.S	K10423131125127	KPS 50	50	16	38	70	17	M8
KPS5 FMH-K22 040 SP.S	K10423132541127	KPS 50	50	22	48	40	19	M10
KPS5 FMH-K22 070 SP.S	K10423132125127	KPS 50	50	22	48	70	19	M10
KPS5 FMH-K27 040 SP.S	K10423133541127	KPS 50	50	27	58	40	21	M12
KPS5 FMH-K32 040 SP.S	K10423134541127	KPS 50	50	32	78	40	24	M16
KPS6 FMH-K16 035 SP.S	K10419131124239	KPS 63	63	16	38	35	17	M8
KPS6 FMH-K16 100 SP.S	K10419131148239	KPS 63	63	16	38	100	17	M8
KPS6 FMH-K22 040 SP.S	K10419132541239	KPS 63	63	22	48	40	19	M10
KPS6 FMH-K22 100 SP.S	K10419132148239	KPS 63	63	22	48	100	19	M10
KPS6 FMH-K27 040 SP.S	K10419133541283	KPS 63	63	27	58	40	21	M12
KPS6 FMH-K27 100 SP.S	K10419133148239	KPS 63	63	27	58	100	21	M12
KPS6 FMH-K32 040 SP.S	K10419134541239	KPS 63	63	32	78	40	24	M16
KPS6 FMH-K32 100 SP.S	K10419134148239	KPS 63	63	32	78	100	24	M16
KPS6 FMH-K40 040 SP.S	K10419576541239	KPS 63	63	40	88	40	27	M20
KPS6 FMH-K40 100 SP.S	K10419576148127	KPS 63	63	40	88	100	27	M20

KPS (ISO 26623-1)
Face Mill Holder (Through Coolant)
(FMH-K) (DIN 6357)

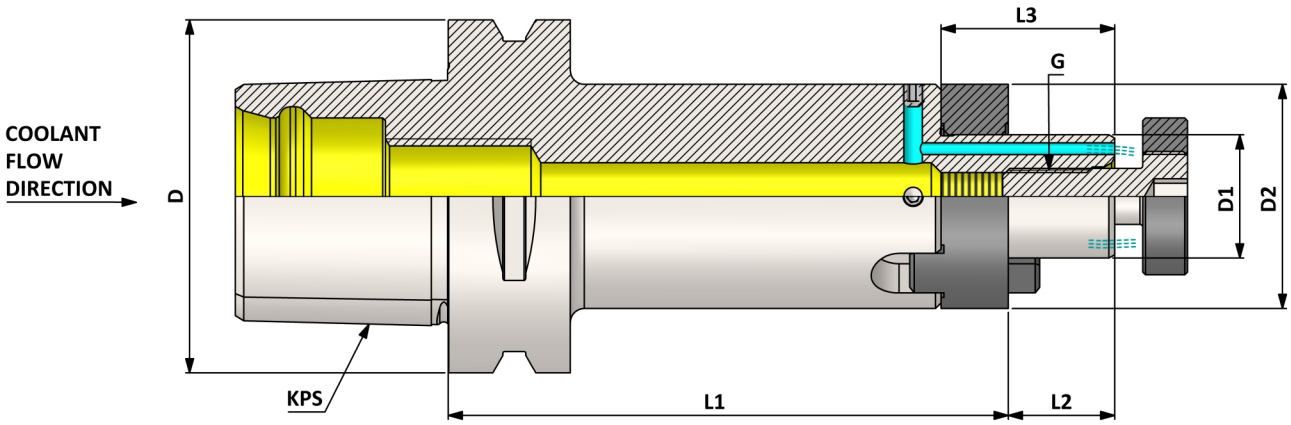
Maximum Runout of External Dia with respect to External Taper 0.005mm as supplied



KPS (DIN 26623-1) (FMH-K)								Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**D**	**D1**	**D2**	**L1**	**L2**	**G**
KPS8 FMK-K16 050 SP.S	K10425131960127	KPS 80	80	16	38	50	17	M8
KPS8 FMK-K16 100 SP.S	K10425131148127	KPS 80	80	16	38	100	17	M8
KPS8 FMK-K22 050 SP.S	K10425132960127	KPS 80	80	22	48	50	19	M10
KPS8 FMK-K22 100 SP.S	K10425132148127	KPS 80	80	22	48	100	19	M10
KPS8 FMH-K27 050 SP.S	K10425133960127	KPS 80	80	27	58	50	21	M12
KPS8 FMH-K27 100 SP.S	K10425133148127	KPS 80	80	27	58	100	21	M12
KPS8 FMH-K32 050 SP.S	K10425134960127	KPS 80	80	32	78	50	24	M16
KPS8 FMH-K32 100 SP.S	K10425134148127	KPS 80	80	32	78	100	24	M16
KPS8 FMH-K40 055 SP.S	K10425576142127	KPS 80	80	40	88	55	27	M20
KPS8 FMH-K40 100 SP.S	K10425576148127	KPS 80	80	40	88	100	27	M20
KPS8X FMH-K16 050 SP.S	K10424131960595	KPS80X	100	16	38	50	17	M8
KPS8X FMH-K22 050 SP.S	K10424132960595	KPS80X	100	22	48	50	19	M10
KPS8X FMH-K22 100 SP.S	K10424132148595	KPS80X	100	22	48	100	19	M10
KPS8X FMH-K27 050 SP.S	K10424133960595	KPS80X	100	27	58	50	21	M12
KPS8X FMH-K27 100 SP.S	K10424133148595	KPS80X	100	27	58	100	21	M12
KPS8X FMH-K32 050 SP.S	K10424134960595	KPS80X	100	32	78	50	24	M16
KPS8X FMH-K32 100 SP.S	K10424134148595	KPS80X	100	32	78	100	24	M16
KPS8X FMH-K40 050 SP.S	K10424576960595	KPS80X	100	40	88	50	27	M20
KPS8X FMH-K40 100 SP.S	K10424576148595	KPS80X	100	40	88	100	27	M20

KPS (ISO 26623-1)
Combi Shell Mill Adaptor (Through Coolant)
(CSMA-K) (DIN 6358)

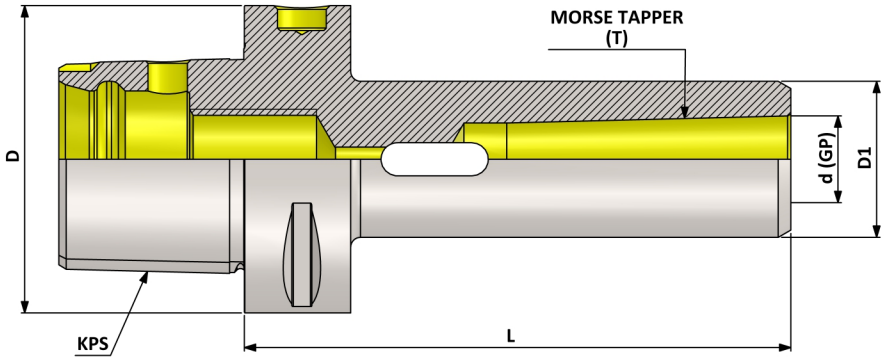
Maximum Runout of External Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (CSMA-K)									(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**D**	**D1**	**D2**	**L1**	**L2**	**L3**	**G**
KPS3 CSMA-K16 045 SP.S	K10421121369127	KPS 32	32	16	32	45	17	27	M8
KPS4 CSMA-K16 045 SP.S	K10422121369127	KPS 40	40	16	32	45	17	27	M8
KPS4 CSMA-K22 050 SP.S	K10422122369127	KPS 40	40	22	40	50	19	31	M10
KPS5 CSMA-K16 045 SP.S	K10423121369127	KPS 50	50	16	32	45	17	27	M8
KPS5 CSMA-K22 045 SP.S	K10423122369127	KPS 50	50	22	40	45	19	31	M10
KPS5 CSMA-K27 055 SP.S	K10423123142127	KPS 50	50	27	48	55	21	33	M12
KPS5 CSMA-K32 055 SP.S	K10423124142127	KPS 50	50	32	58	55	24	38	M16
KPS6 CSMA-K16 050 SP.S	K10419121960239	KPS 63	63	16	32	50	17	27	M8
KPS6 CSMA-K16 100 SP.S	K10419121148239	KPS 63	63	16	32	100	17	27	M8
KPS6 CSMA-K22 055 SP.S	K10419122142239	KPS 63	63	22	40	55	19	31	M10
KPS6 CSMA-K22 100 SP.S	K10419122148239	KPS 63	63	22	40	100	19	31	M10
KPS6 CSMA-K27 055 SP.S	K10419123142239	KPS 63	63	27	48	55	21	33	M12
KPS6 CSMA-K27 100 SP.S	K10419123148239	KPS 63	63	27	48	100	21	33	M12
KPS6 CSMA-K32 055 SP.S	K10419124142239	KPS 63	63	32	58	55	24	38	M16
KPS6 CSMA-K40 060 SP.S	K10419125667239	KPS 63	63	40	70	60	27	41	M20
KPS8 CSMA-K16 060 SP.S	K10425121952127	KPS 80	80	16	32	60	17	27	M8
KPS8 CSMA-K22 060 SP.S	K10425122952127	KPS 80	80	22	40	60	19	31	M10
KPS8 CSMA-K27 065 SP.S	K10425123123127	KPS 80	80	27	48	65	21	33	M12
KPS8 CSMA-K32 065 SP.S	K10425124123127	KPS 80	80	32	58	65	24	38	M16
KPS8 CSMA-K40 070 SP.S	K10425125125127	KPS 80	80	40	70	70	27	41	M20

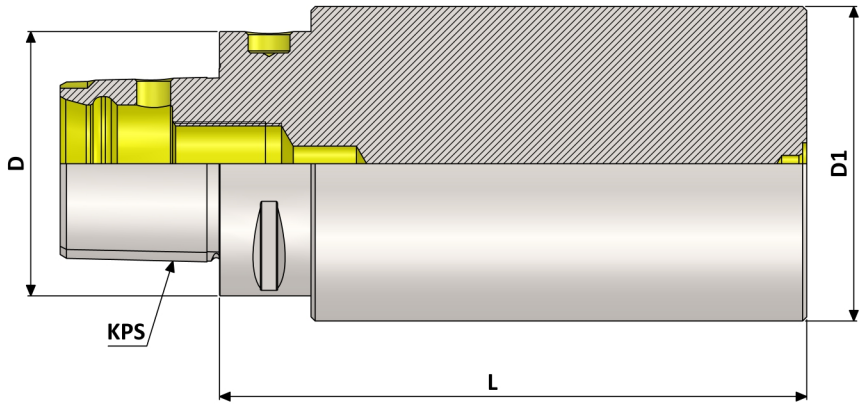
KPS (ISO 26623-1) Morse Taper Adaptor (MTA) (DIN 6383)

Maximum Runout of Internal taper with respect to External Taper 0.005mm as supplied



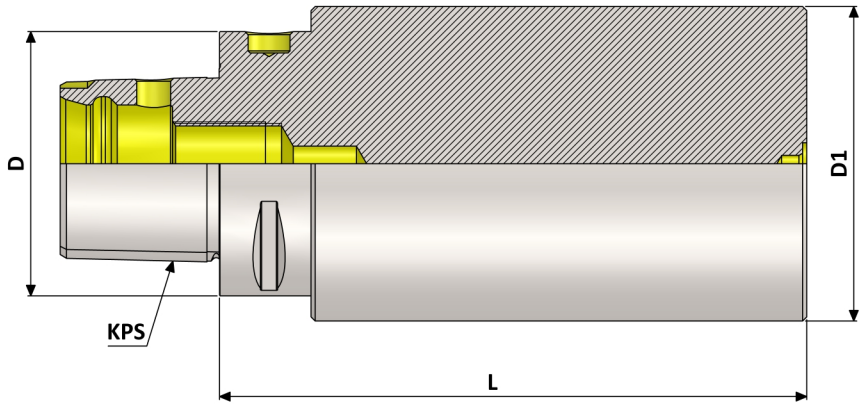
KPS (ISO 26623-1) (MTA)							(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**Morse Tapper(T)**	**d (GP)**	**D**	**D1**	**L**
KPS5 MT02 110	K10423448156127	KPS 50	2	17.780	50	32	110
KPS5 MT03 130	K10423449165127	KPS 50	3	23.825	50	40	130
KPS6 MT02 110	K10419448156122	KPS 63	2	17.78	63	32	110
KPS6 MT03 130	K10419449165122	KPS 63	3	23.825	63	40	130
KPS6 MT04 160	K10419451883122	KPS 63	4	31.267	63	48	160
KPS8 MT03 120	K10425449162127	KPS 80	3	23.825	80	40	120
KPS8 MT04 140	K10425451169127	KPS 80	4	31.267	80	48	140
KPS8 MT05 160	K10425450175127	KPS 80	5	44.399	80	63	160
KPS8X MT03 130	K10424449165796	KPS80X	3	23.825	100	40	130
KPS8X MT04 150	K10424451173796	KPS80X	4	31.267	100	48	150
KPS8X MT05 175	K10424450259796	KPS80X	5	44.399	100	63	175

KPS (ISO 26623-1)
Boring Bar Blank



KPS (ISO 26623-1) (Boring Bar Blank)					
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**
KPS3 BORING BAR BLANK DIA 32.0 L 090	K10421615140127	KPS 32	32	32	90
KPS3 BORING BAR BLANK DIA 40.0 L 110	K10421266156127	KPS 32	32	40	110
KPS3 BORING BAR BLANK DIA 50.0 L 125	K10421266235127	KPS 32	32	50	125
KPS3 BORING BAR BLANK DIA 60.0 L 090	K10421607577127	KPS 32	32	60	90
KPS3 BORING BAR BLANK DIA 70.0 L 060	K10421526542127	KPS 32	32	70	60
KPS3 BORING BAR BLANK DIA 90.0 L 070	K10421584578127	KPS 32	32	90	70
KPS4 BORING BAR BLANK DIA 40.0 L 95	K10422266234127	KPS 40	40	40	95
KPS4 BORING BAR BLANK DIA 40.0 L 120	K10422266498127	KPS 40	40	40	120
KPS4 BORING BAR BLANK DIA 60.0 L 165	K10422607330127	KPS 40	40	60	165
KPS4 BORING BAR BLANK DIA 80.0 L 075	K10422264578127	KPS 40	40	80	75
KPS4 BORING BAR BLANK DIA 80.0 L 120	K10422264498127	KPS 40	40	80	120
KPS4 BORING BAR BLANK DIA 100.0 L 085	K10422590577127	KPS 40	40	100	85
KPS5 BORING BAR BLANK DIA 50.0 L 125	K10423266235127	KPS 50	50	50	125
KPS5 BORING BAR BLANK DIA 50.0 L 150	K10423266236127	KPS 50	50	50	150
KPS5 BORING BAR BLANK DIA 63.0 L 180	K10423263333127	KPS 50	50	63	180
KPS5 BORING BAR BLANK DIA 75.0 L 175	K10423264328127	KPS 50	50	75	175
KPS5 BORING BAR BLANK DIA 90.0 L 080	K10423264577127	KPS 50	50	90	80
KPS5 BORING BAR BLANK DIA 95.0 L 150	K10423584236127	KPS 50	50	95	150
KPS5 BORING BAR BLANK DIA 110.0 L 090	K10423590234127	KPS 50	50	110	90

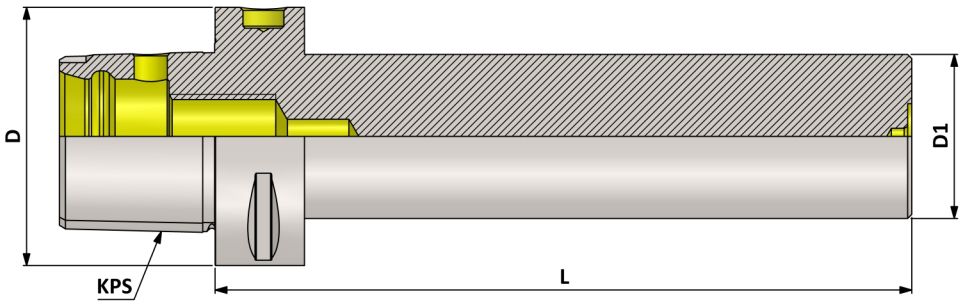
KPS (ISO 26623-1)
Boring Bar Blank



KPS (ISO 26623-1) (Boring Bar Blank)					
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**
KPS6 BORING BAR BLANK DIA 63.0 L 180	K10419263328127	KPS 63	63	63	180
KPS6 BORING BAR BLANK DIA 75.0 L 195	K10419587333127	KPS 63	63	75	195
KPS6 BORING BAR BLANK DIA 110.0 L 085	K10419265578127	KPS 63	63	110	85
KPS6 BORING BAR BLANK DIA 110.0 L 120	K10419265498127	KPS 63	63	110	120
KPS6 BORING BAR BLANK DIA 120.0 L 180	K10419265328127	KPS 63	63	120	180
KPS6 BORING BAR BLANK DIA 130.0 L 095	K10419567578127	KPS 63	63	130	95
KPS8 BORING BAR BLANK DIA 80.0 L 200	K10425264237127	KPS 80	80	80	200
KPS8 BORING BAR BLANK DIA 100.0 L 200	K10425590237127	KPS 80	80	100	200
KPS8 BORING BAR BLANK DIA 120.0 L 160	K10425585330127	KPS 80	80	120	160
KPS8 BORING BAR BLANK DIA 130.0 L 090	K10425567577127	KPS 80	80	130	90
KPS8 BORING BAR BLANK DIA 150.0 L 200	K10425567237127	KPS 80	80	150	200
KPS8 BORING BAR BLANK DIA 160.0 L 120	K10425567498127	KPS 80	80	160	120
KPS8X BORING BAR BLANK DIA 100.0 L 100	K10424530939796	KPS80X	100	100	100
KPS8X BORING BAR BLANK DIA 100.0 L 200	K10424530146796	KPS80X	100	100	200
KPS8X BORING BAR BLANK DIA 150.0 L 100	K10424530147796	KPS80X	100	150	100
KPS8X BORING BAR BLANK DIA 150.0 L 200	K10424530149796	KPS80X	100	150	200
KPS8X BORING BAR BLANK DIA 160.0 L 150	K10424530151796	KPS80X	100	160	150
KPS8X BORING BAR BLANK DIA 200.0 L 100	K10424530171796	KPS80X	100	200	100

KPS (ISO 26623-1)
Master Mandrell

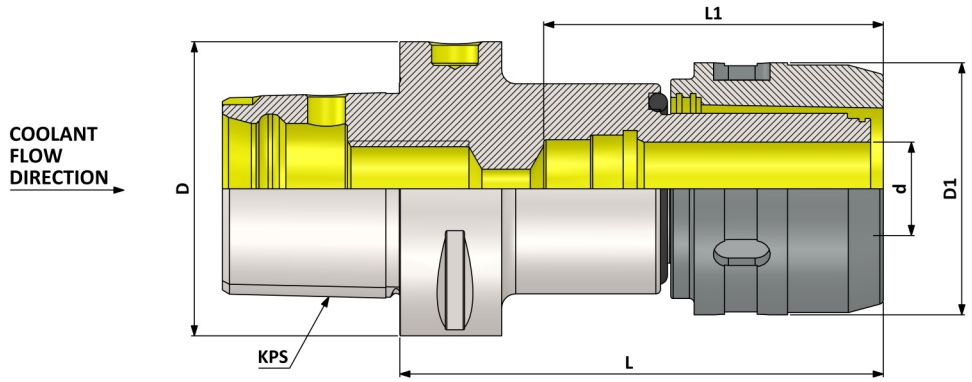
Maximum Runout of External Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Master Mandrell					
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**
KPS3 MASTER MANDRELL DIA25 L 150	K10421164236127	KPS 32	32	25	150
KPS4 MASTER MANDRELL DIA25 L 150	K10422164236127	KPS 40	40	25	150
KPS5 MASTER MANDRELL DIA32 L 200	K10423164237127	KPS 50	50	32	200
KPS6 MASTER MANDRELL DIA40 L 300	K10419165257127	KPS 63	63	40	300
KPS8 MASTER MANDRELL DIA40 L 300	K10425165257127	KPS 80	80	40	300
KPS8X MASTER MANDREL DIA40 L 300	K10424165257796	KPS80X	100	40	300

KPS (ISO 26623-1)
Power Milling Chuck (PMC)

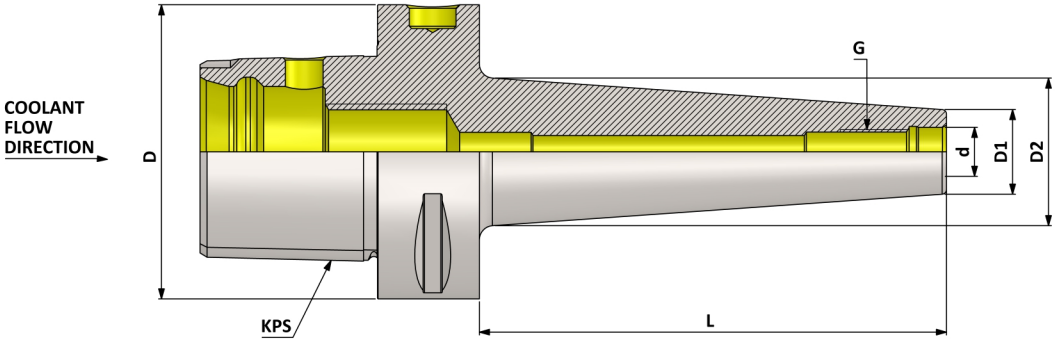
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (ISO 26623-1) (PMC)							(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**L**	**L1**
KPS5 C20 100	K10423445148127	KPS 50	20	50	54	100	70
KPS5 C32 110	K10423446148127	KPS 50	32	50	72	110	100
KPS6 C20 100	K10419445148282	KPS 63	20	63	54	100	70
KPS6 C32 110	K10419446156282	KPS 63	32	63	72	110	100
KPS8 C20 100	K10425445148127	KPS 80	20	80	54	100	70
KPS8 C32 110	K10425446156127	KPS 80	32	80	72	110	100

KPS (ISO 26623-1)
Milling Cutter Arbor (MCA)

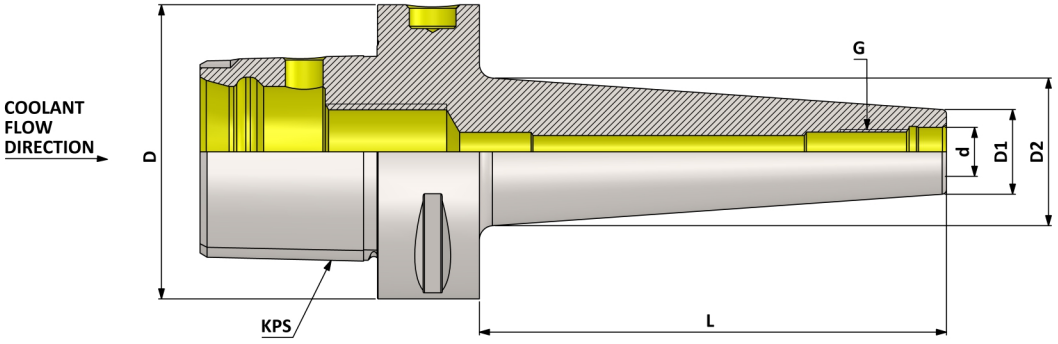
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (DIN 26623-1) (MCA)								(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**G**	**L**
KPS3 MCA 08 030	K10421138254127	KPS 32	8.5	32	13	15	M8	30
KPS3 MCA 10 030	K10421139254127	KPS 32	10.5	32	18	20	M10	30
KPS3 MCA 12 035	K10421140124127	KPS 32	12.5	32	21	24	M12	35
KPS3 MCA 16 040	K10421141541127	KPS 32	17	32	29	34	M16	40
KPS4 MCA 08 030	K10422138254127	KPS 40	8.5	40	13	15	M8	30
KPS4 MCA 10 035	K10422139124127	KPS 40	10.5	40	18	20	M10	35
KPS4 MCA 12 040	K10422140541127	KPS 40	12.5	40	21	24	M12	40
KPS4 MCA 16 045	K10422141369127	KPS 40	17	40	29	34	M16	45
KPS5 MCA 08 050	K10423138960127	KPS 50	8.5	50	13	23	M8	50
KPS5 MCA 08 075	K10423138127127	KPS 50	8.5	50	13	23	M8	75
KPS5 MCA 10 050	K10423139960127	KPS 50	10.5	50	18	23	M10	50
KPS5 MCA 10 075	K10423139127127	KPS 50	10.5	50	18	28	M10	75
KPS5 MCA 12 050	K10423140960127	KPS 50	12.5	50	21	24	M12	50
KPS5 MCA 12 075	K10423140127127	KPS 50	12.5	50	21	31	M12	75
KPS5 MCA 16 050	K10423141960127	KPS 50	17	50	29	34	M16	50
KPS5 MCA 16 075	K10423141127127	KPS 50	17	50	29	34	M16	75

KPS (ISO 26623-1)
Milling Cutter Arbor (MCA)

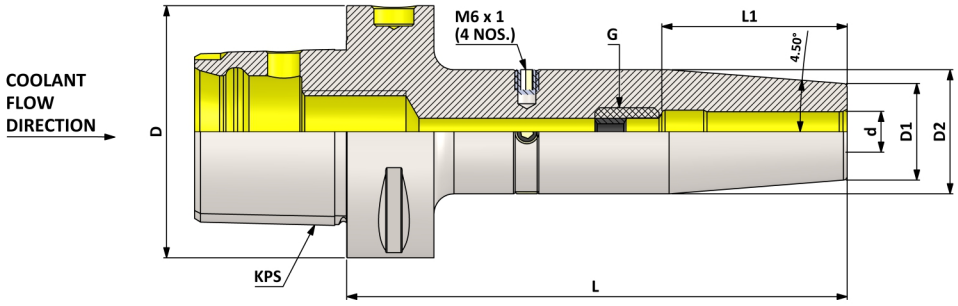
Maximum Runout of Internal Dia with respect to External Taper 0.005mm as supplied



KPS (DIN 26623-1) (MCA)								(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**G**	**L**
KPS6 MCA 08 050	K10419138960239	KPS 63	8.5	63	13	23	M8	50
KPS6 MCA 08 075	K10419138127239	KPS 63	8.5	63	13	23	M8	75
KPS6 MCA 10 050	K10419139960239	KPS 63	10.5	63	18	23	M10	50
KPS6 MCA 10 075	K10419139127239	KPS 63	10.5	63	18	28	M10	75
KPS6 MCA 12 050	K10419140960239	KPS 63	12.5	63	21	24	M12	50
KPS6 MCA 12 075	K10419140127239	KPS 63	12.5	63	21	31	M12	75
KPS6 MCA 16 050	K10419141960239	KPS 63	17	63	29	34	M16	50
KPS6 MCA 16 075	K10419141127239	KPS 63	17	63	29	34	M16	75
KPS8 MCA 08 085	K10425138135127	KPS 80	8.5	80	13	23	M8	85
KPS8 MCA 10 085	K10425139135127	KPS 80	10.5	80	18	28	M10	85
KPS8 MCA 12 085	K10425140135127	KPS 80	12.5	80	21	31	M12	85
KPS8 MCA 16 085	K10425141135127	KPS 80	17	80	29	34	M16	85

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree (SFH 4.5°)

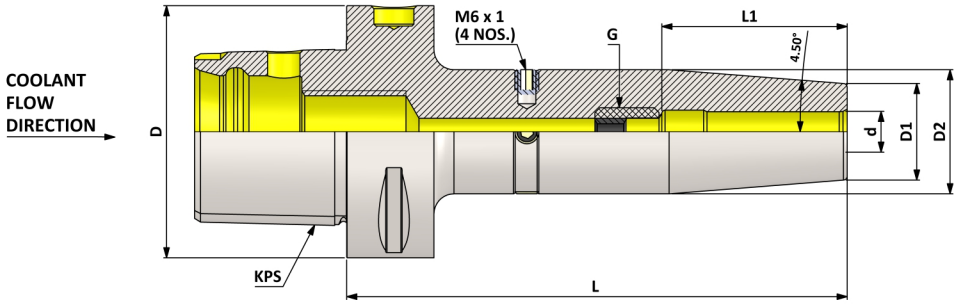
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**G**	**L**	**L1**
KPS3 SFH03 065	K10429274123127	KPS 32	3	32	10	16	-	65	12
KPS3 SFH04 065	K10429275123127	KPS 32	4	32	12	18	-	65	14
KPS3 SFH05 065	K10429276123127	KPS 32	5	32	12	18	-	65	15
KPS3 SFH06 065	K10421274123127	KPS 32	6	32	21	25	M5	65	36
KPS3 SFH08 065	K10421285123127	KPS 32	8	32	21	25	M6	65	36
KPS3 SFH10 070	K10421279125127	KPS 32	10	32	24	29	M8	70	41
KPS3 SFH12 075	K10421280127127	KPS 32	12	32	24	29	M10	75	46
KPS4 SFH03 075	K10422274127127	KPS 40	3	40	10	16	-	75	12
KPS4 SFH04 075	K10422275127127	KPS 40	4	40	12	18	-	75	14
KPS4 SFH05 075	K10422276127127	KPS 40	5	40	12	18	-	75	15
KPS4 SFH06 075	K10422277127127	KPS 40	6	40	21	27	M5	75	36
KPS4 SFH08 075	K10422285127127	KPS 40	8	40	21	27	M6	75	36
KPS4 SFH10 075	K10422279127127	KPS 40	10	40	24	32	M8	75	41
KPS4 SFH12 075	K10422280127127	KPS 40	12	40	24	32	M10	75	46
KPS4 SFH14 080	K10422284131127	KPS 40	14	40	27	34	M10	80	46
KPS4 SFH16 080	K10422281131127	KPS 40	16	40	27	34	M12	80	49
KPS4 SFH18 080	K10422282135127	KPS 40	18	40	33	40	M12	80	49
KPS4 SFH20 085	K10422283135127	KPS 40	20	40	33	40	M16	85	51

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree (SFH 4.5°)

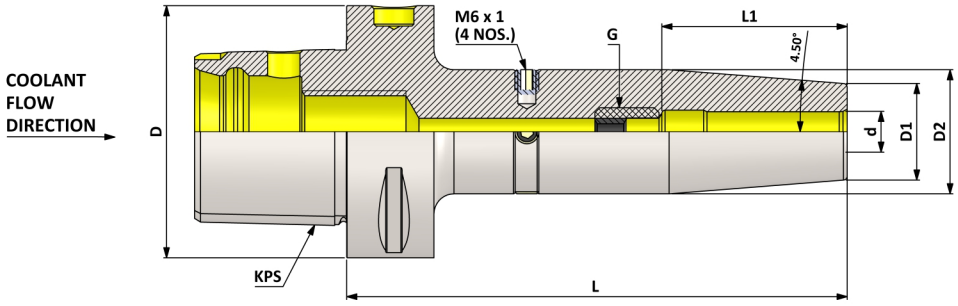
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS5 SFH03 075	K10423274127127	KPS 50	3	50	10	20	-	75	12
KPS5 SFH04 075	K10423275127127	KPS 50	4	50	15	22	-	75	14
KPS5 SFH05 075	K10423276127127	KPS 50	5	50	15	22	-	75	14
KPS5 SFH06 075	K10423277127127	KPS 50	6	50	21	27	M5	75	36
KPS5 SFH08 075	K10423285127127	KPS 50	8	50	21	27	M6	75	36
KPS5 SFH10 075	K10423279127127	KPS 50	10	50	24	31	M8	75	41
KPS5 SFH12 075	K10423280127127	KPS 50	12	50	24	31	M10	75	46
KPS5 SFH14 080	K10423284131127	KPS 50	14	50	27	34	M10	80	46
KPS5 SFH16 080	K10423281131127	KPS 50	16	50	27	34	M12	80	49
KPS5 SFH18 080	K10423282131127	KPS 50	18	50	33	40	M12	80	49
KPS5 SFH20 085	K10423283135127	KPS 50	20	50	33	40	M16	85	51
KPS5 SFH25 090	K10423287140127	KPS 50	25	50	44	53	M16	90	57
KPS5 SFH32 090	K10423288140127	KPS 50	32	50	44	53	M16	90	61

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree (SFH 4.5°)

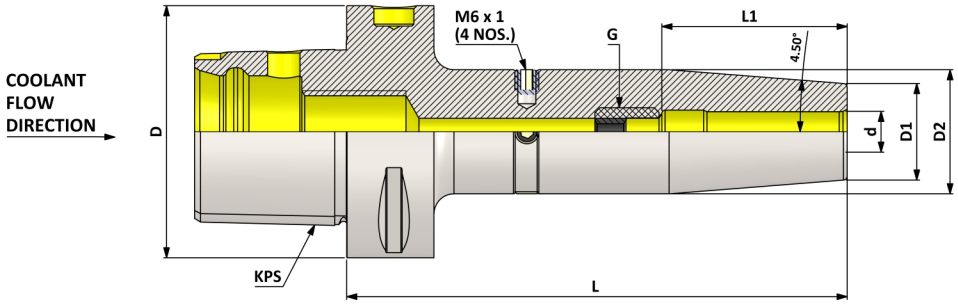
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS6 SFH03 080	K10419274131283	KPS 63	3	63	10	20	-	80	12
KPS6 SFH04 080	K10419275131283	KPS 63	4	63	15	22	-	80	14
KPS6 SFH05 080	K10419276131283	KPS 63	5	63	15	22	-	80	15
KPS6 SFH06 080	K10419277131283	KPS 63	6	63	21	27	M5	80	36
KPS6 SFH06 120	K10419277162283	KPS 63	6	63	21	27	M5	120	36
KPS6 SFH06 160	K10419277175283	KPS 63	6	63	21	27	M5	160	36
KPS6 SFH08 080	K10419285131283	KPS 63	8	63	21	27	M6	80	36
KPS6 SFH08 120	K10419285162283	KPS 63	8	63	21	27	M6	120	36
KPS6 SFH08 160	K10419285175283	KPS 63	8	63	21	27	M6	160	36
KPS6 SFH10 080	K10419279131283	KPS 63	10	63	24	31	M8	80	41
KPS6 SFH10 120	K10419279162283	KPS 63	10	63	24	31	M8	120	41
KPS6 SFH10 160	K10419279175283	KPS 63	10	63	24	31	M8	160	41
KPS6 SFH12 080	K10419280131283	KPS 63	12	63	24	31	M10	80	46
KPS6 SFH12 120	K10419280162283	KPS 63	12	63	24	31	M10	120	46
KPS6 SFH12 160	K10419280175283	KPS 63	12	63	24	31	M10	160	46
KPS6 SFH14 085	K10419284135283	KPS 63	14	63	27	34	M10	85	46
KPS6 SFH14 120	K10419284162283	KPS 63	14	63	27	34	M10	120	46
KPS6 SFH14 160	K10419284175283	KPS 63	14	63	27	34	M10	160	46

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree (SFH 4.5°)

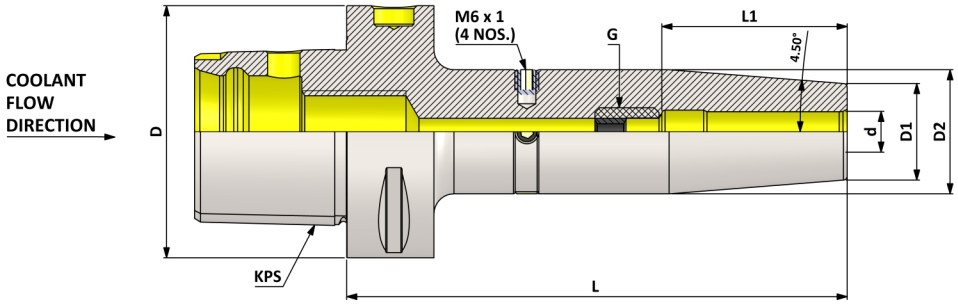
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS6 SFH16 085	K10419281135283	KPS 63	16	63	27	34	M12	85	49
KPS6 SFH16 120	K10419281162283	KPS 63	16	63	27	34	M12	120	49
KPS6 SFH16 160	K10419281175283	KPS 63	16	63	27	34	M12	160	49
KPS6 SFH18 085	K10419282135283	KPS 63	18	63	33	40	M12	85	49
KPS6 SFH18 120	K10419282162283	KPS 63	18	63	33	40	M12	120	49
KPS6 SFH18 160	K10419282175283	KPS 63	18	63	33	40	M12	160	49
KPS6 SFH20 085	K10419283135283	KPS 63	20	63	33	40	M16	85	51
KPS6 SFH20 120	K10419283162283	KPS 63	20	63	33	40	M16	120	51
KPS6 SFH20 160	K10419283175283	KPS 63	20	63	33	40	M16	160	51
KPS6 SFH25 090	K10419287140283	KPS 63	25	63	44	53	M16	90	57
KPS6 SFH25 120	K10419287162283	KPS 63	25	63	44	53	M16	120	57
KPS6 SFH25 160	K10419287175283	KPS 63	25	63	44	53	M16	160	57
KPS6 SFH32 095	K10419288145283	KPS 63	32	63	44	53	M16	95	61
KPS6 SFH32 120	K10419288162283	KPS 63	32	63	44	53	M16	120	61
KPS6 SFH32 160	K10419288175283	KPS 63	32	63	44	53	M16	160	61

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree (SFH 4.5°)

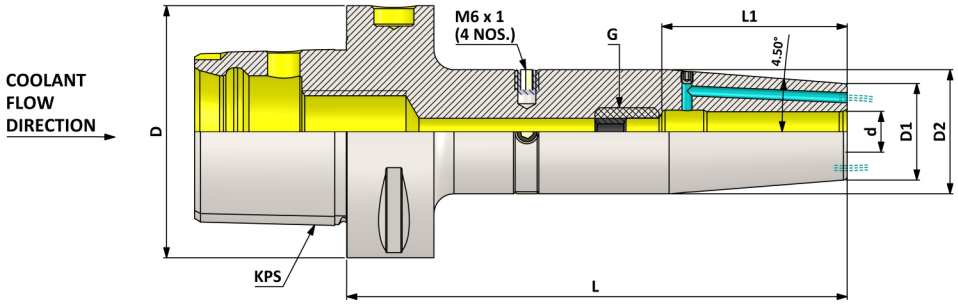
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS8 SFH06 090	K10425277135127	KPS 80	6	80	21	27	M5	90	36
KPS8 SFH08 090	K10425285135127	KPS 80	8	80	21	27	M6	90	36
KPS8 SFH10 090	K10425279135127	KPS 80	10	80	24	31	M8	90	41
KPS8 SFH12 090	K10425280135127	KPS 80	12	80	24	31	M10	90	46
KPS8 SFH14 090	K10425284135127	KPS 80	14	80	27	34	M10	90	46
KPS8 SFH16 100	K10425281140127	KPS 80	16	80	27	34	M12	100	49
KPS8 SFH18 100	K10425282140127	KPS 80	18	80	33	40	M12	100	49
KPS8 SFH20 100	K10425283140127	KPS 80	20	80	33	40	M16	100	51
KPS8 SFH25 100	K10425287140127	KPS 80	25	80	44	53	M16	100	57
KPS8 SFH32 100	K10425288140127	KPS 80	32	80	44	53	M16	100	61

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree
Face Coolant Channel (SFH : FCC 4.5°)

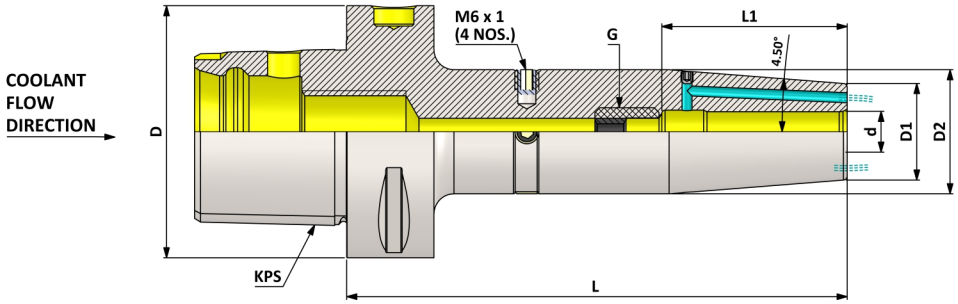
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH : FCC 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**G**	**L**	**L1**
KPS3 SFH03 065 FCC	K10429274123587	KPS 32	3	32	10	16	-	65	12
KPS3 SFH04 065 FCC	K10429275123587	KPS 32	4	32	12	18	-	65	14
KPS3 SFH05 065 FCC	K10429276123587	KPS 32	5	32	12	18	-	65	15
KPS3 SFH06 065 FCC	K10421277123296	KPS 32	6	32	21	25	M5	65	36
KPS3 SFH08 065 FCC	K10421285123296	KPS 32	8	32	21	25	M6	65	36
KPS3 SFH10 070 FCC	K10421279125296	KPS 32	10	32	24	29	M8	70	41
KPS3 SFH12 075 FCC	K10421280127296	KPS 32	12	32	24	29	M10	75	46
KPS4 SFH03 075 FCC	K10422274127587	KPS 40	3	40	10	16	-	75	12
KPS4 SFH04 075 FCC	K10422275131296	KPS 40	4	40	12	18	-	75	14
KPS4 SFH05 075 FCC	K10422276127587	KPS 40	5	40	12	18	-	75	15
KPS4 SFH06 075 FCC	K10422277127296	KPS 40	6	40	21	27	M5	75	36
KPS4 SFH08 075 FCC	K10422285127296	KPS 40	8	40	21	27	M6	75	36
KPS4 SFH10 075 FCC	K10422279127296	KPS 40	10	40	24	32	M8	75	41
KPS4 SFH12 075 FCC	K10422280127296	KPS 40	12	40	24	32	M10	75	46
KPS4 SFH14 080 FCC	K10422284131296	KPS 40	14	40	27	34	M10	80	46
KPS4 SFH16 080 FCC	K10422281131296	KPS 40	16	40	27	34	M12	80	49
KPS4 SFH18 080 FCC	K10422282131296	KPS 40	18	40	33	40	M12	80	49
KPS4 SFH20 085 FCC	K10422283135296	KPS 40	20	40	33	40	M16	85	51

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree
Face Coolant Channel (SFH : FCC 4.5°)

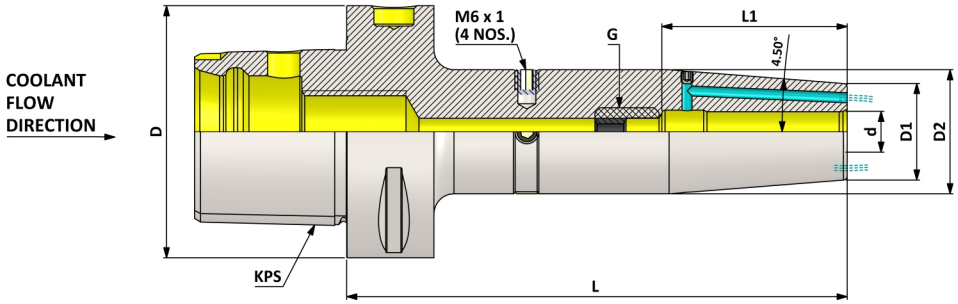
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH : FCC 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS5 SFH03 075 FCC	K10423274127587	KPS 50	3	50	10	20	-	75	12
KPS5 SFH04 075 FCC	K10423275127587	KPS 50	4	50	15	22	-	75	14
KPS5 SFH05 075 FCC	K10423276127587	KPS 50	5	50	15	22	-	75	14
KPS5 SFH06 075 FCC	K10423277127296	KPS 50	6	50	21	27	M5	75	36
KPS5 SFH08 075 FCC	K10423285127296	KPS 50	8	50	21	27	M6	75	36
KPS5 SFH10 075 FCC	K10423279127296	KPS 50	10	50	24	31	M8	75	41
KPS5 SFH12 075 FCC	K10423280127296	KPS 50	12	50	24	31	M10	75	46
KPS5 SFH14 080 FCC	K10423284131296	KPS 50	14	50	27	34	M10	80	46
KPS5 SFH16 080 FCC	K10423281131296	KPS 50	16	50	27	34	M12	80	49
KPS5 SFH18 080 FCC	K10423282131296	KPS 50	18	50	33	40	M12	80	49
KPS5 SFH20 085 FCC	K10423283135296	KPS 50	20	50	33	40	M16	85	51
KPS5 SFH25 090 FCC	K10423287140296	KPS 50	25	50	44	53	M16	90	57
KPS5 SFH32 090 FCC	K10423288140296	KPS 50	32	50	44	53	M16	90	61

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree
Face Coolant Channel (SFH : FCC 4.5°)

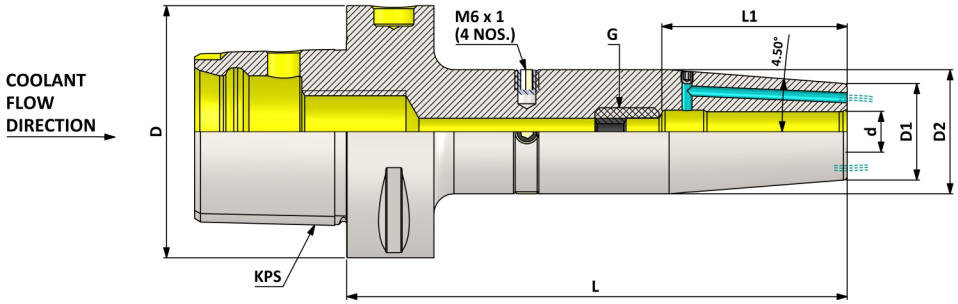
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH : FCC 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS6 SFH03 080 FCC	K10419274131296	KPS 63	3	63	10	20	-	80	12
KPS6 SFH04 080 FCC	K10419275131296	KPS 63	4	63	15	22	-	80	14
KPS6 SFH05 080 FCC	K10419276131296	KPS 63	5	63	15	22	-	80	15
KPS6 SFH06 080 FCC	K10419277131296	KPS 63	6	63	21	27	M5	80	36
KPS6 SFH06 120 FCC	K10419277162296	KPS 63	6	63	21	27	M5	120	36
KPS6 SFH06 160 FCC	K10419277175296	KPS 63	6	63	21	27	M5	160	36
KPS6 SFH08 080 FCC	K10419285131296	KPS 63	8	63	21	27	M6	80	36
KPS6 SFH08 120 FCC	K10419285162296	KPS 63	8	63	21	27	M6	120	36
KPS6 SFH08 160 FCC	K10419285175296	KPS 63	8	63	21	27	M6	160	36
KPS6 SFH10 080 FCC	K10419279131296	KPS 63	10	63	24	31	M8	80	41
KPS6 SFH10 120 FCC	K10419279162296	KPS 63	10	63	24	31	M8	120	41
KPS6 SFH10 160 FCC	K10419279175296	KPS 63	10	63	24	31	M8	160	41
KPS6 SFH12 080 FCC	K10419280131296	KPS 63	12	63	24	31	M10	80	46
KPS6 SFH12 120 FCC	K10419280162296	KPS 63	12	63	24	31	M10	120	46
KPS6 SFH12 160 FCC	K10419280175296	KPS 63	12	63	24	31	M10	160	46
KPS6 SFH14 085 FCC	K10419284135296	KPS 63	14	63	27	34	M10	85	46
KPS6 SFH14 120 FCC	K10419284162296	KPS 63	14	63	27	34	M10	120	46
KPS6 SFH14 160 FCC	K10419284175296	KPS 63	14	63	27	34	M10	160	46

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree
Face Coolant Channel (SFH : FCC 4.5°)

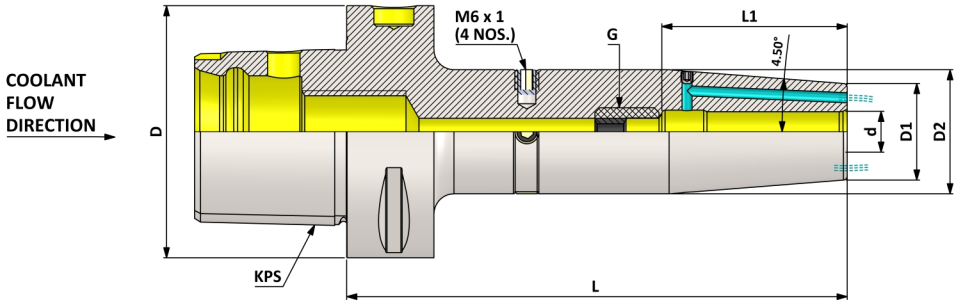
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH : FCC 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS6 SFH16 085 FCC	K10419281135296	KPS 63	16	63	27	34	M12	85	49
KPS6 SFH16 120 FCC	K10419281162296	KPS 63	16	63	27	34	M12	120	49
KPS6 SFH16 160 FCC	K10419281175296	KPS 63	16	63	27	34	M12	160	49
KPS6 SFH18 085 FCC	K10419282135296	KPS 63	18	63	33	40	M12	85	49
KPS6 SFH18 120 FCC	K10419282162296	KPS 63	18	63	33	40	M12	120	49
KPS6 SFH18 160 FCC	K10419282175296	KPS 63	18	63	33	40	M12	160	49
KPS6 SFH20 085 FCC	K10419283135296	KPS 63	20	63	33	40	M16	85	51
KPS6 SFH20 120 FCC	K10419283162296	KPS 63	20	63	33	40	M16	120	51
KPS6 SFH20 160 FCC	K10419283175296	KPS 63	20	63	33	40	M16	160	51
KPS6 SFH25 090 FCC	K10419287140296	KPS 63	25	63	44	53	M16	90	57
KPS6 SFH25 120 FCC	K10419287162296	KPS 63	25	63	44	53	M16	120	57
KPS6 SFH25 160 FCC	K10419287175296	KPS 63	25	63	44	53	M16	160	57
KPS6 SFH32 095 FCC	K10419288145296	KPS 63	32	63	44	53	M16	95	61
KPS6 SFH32 120 FCC	K10419288162296	KPS 63	32	63	44	53	M16	120	61
KPS6 SFH32 160 FCC	K10419288175296	KPS 63	32	63	44	53	M16	160	61

KPS (ISO 26623-1)
Shrink Fit Holder 4.5 Degree
Face Coolant Channel (SFH : FCC 4.5°)

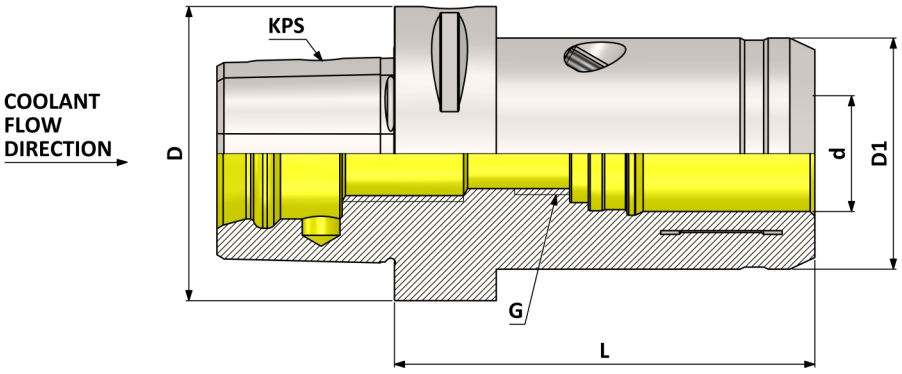
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) (SFH : FCC 4.5°)									(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1
KPS8 SFH06 090 FCC	K10425277140296	KPS 80	6	80	21	27	M5	90	36
KPS8 SFH08 090 FCC	K10425285140296	KPS 80	8	80	21	27	M6	90	36
KPS8 SFH10 090 FCC	K10425279140296	KPS 80	10	80	24	31	M8	90	41
KPS8 SFH12 090 FCC	K10425280140296	KPS 80	12	80	24	31	M10	90	46
KPS8 SFH14 090 FCC	K10425284140296	KPS 80	14	80	27	34	M10	90	46
KPS8 SFH16 100 FCC	K10425281148296	KPS 80	16	80	27	34	M12	100	49
KPS8 SFH18 100 FCC	K10425282148296	KPS 80	18	80	33	40	M12	100	49
KPS8 SFH20 100 FCC	K10425283148296	KPS 80	20	80	33	40	M16	100	51
KPS8 SFH25 100 FCC	K10425287148296	KPS 80	25	80	44	53	M16	100	57
KPS8 SFH32 100 FCC	K10425288148296	KPS 80	32	80	44	53	M16	100	61

KPS (DIN 26623-1)
Hydraulic Expansion Chuck (Heavy Duty)

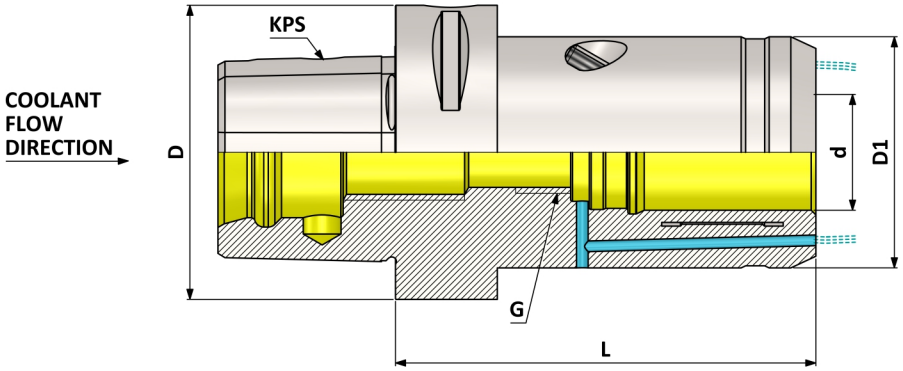
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) Hydraulic Expansion Chuck (Heavy Duty)						(Balanced to 2.5G 25000 RPM)	
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**L**	**L1**
KPS3 HC12S 080	K10421168131127	KPS 32	12	32	42	80	46
KPS4 HC12S 085	K10422168135127	KPS 40	12	40	42	85	46
KPS5 HC12S 085	K10423636135127	KPS 50	12	50	42	85	46
KPS5 HC20S 090	K10423168140127	KPS 50	20	50	50	90	51
KPS6 HC12S 080	K10419629131283	KPS63	12	63	42	80	46
KPS6 HC20S 085	K10419168135283	KPS63	20	63	50	85	51
KPS8 HC12S 100	K10425636148127	KPS 80	12	80	42	100	46
KPS8 HC20S 100	K10425168148127	KPS 80	20	80	50	100	51
KPS8 HC32S 130	K10425272165127	KPS 80	32	80	72	130	61
KPS8X HC12S 100	K10424997148796	KPS80X	12	100	42	100	46
KPS8X HC20S 100	K10424168148796	KPS80X	20	100	50	100	51
KPS8X HC32S 130	K10424272165796	KPS80X	32	100	72	130	61

KPS (DIN 26623-1)
Hydraulic Expansion Chuck (Heavy Duty)
Face Coolant Channel (FCC)

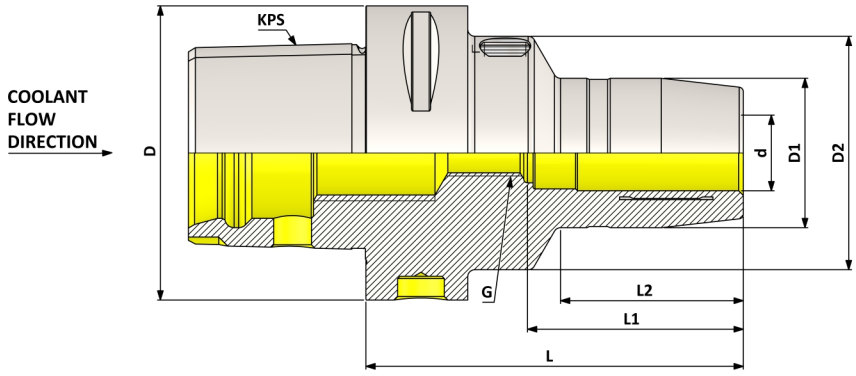
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) Hydraulic Expansion Chuck (Heavy Duty) (FCC)						(Balanced to 2.5G 25000 RPM)	
Item Name	Item Code	KPS	d	D	D1	L	L1
KPS3 HC12S 080 FCC	K10421636131296	KPS 32	12	32	42	80	46
KPS4 HC12S 085 FCC	K10422636131296	KPS 40	12	40	42	85	46
KPS5 HC12S 085 FCC	K10423636131296	KPS 50	12	50	42	85	46
KPS5 HC20S 090 FCC	K10423168131296	KPS 50	20	50	50	90	51
KPS6 HC12S 080 FCC	K10419636131296	KPS63	12	63	42	80	46
KPS6 HC20S 085 FCC	K10419168131296	KPS63	20	63	50	85	51
KPS8 HC12S 100 FCC	K10425636148296	KPS 80	12	80	42	100	46
KPS8 HC20S 100 FCC	K10425168148296	KPS 80	20	80	50	100	51
KPS8 HC32S 130 FCC	K10425272165296	KPS 80	32	80	72	130	61
KPS8X HC12S 100 FCC	K10424997148587	KPS80X	12	100	42	100	46
KPS8X HC20S 100 FCC	K10424168148587	KPS80X	20	100	50	100	51
KPS8X HC32S 130 FCC	K10424272165587	KPS80X	32	100	72	130	61

KPS (DIN 26623-1)
Hydraulic Expansion Chuck (Standard Series)

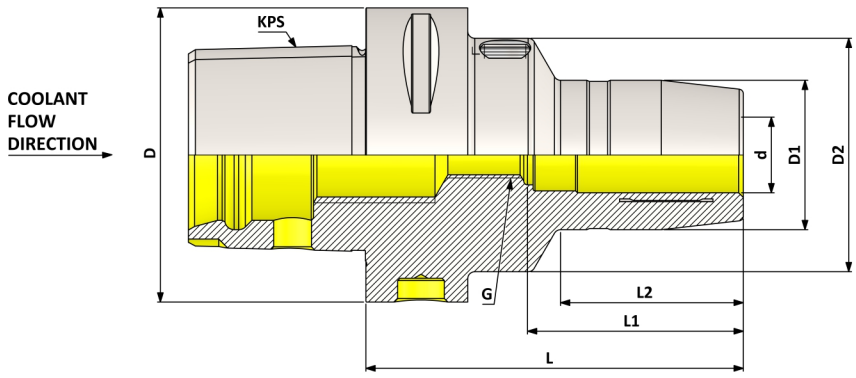
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) Hydraulic Expansion Chuck (Standard Series)										(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**G**	**L**	**L1**	**L2**
KPS3 HC06 080	K10421707131127	KPS 32	6	32	26	40	M5	80	37	29
KPS3 HC08 080	K10421643131127	KPS 32	8	32	28	40	M6	80	37	29
KPS3 HC10 080	K10421644131127	KPS 32	10	32	30	40	M6	80	41	35
KPS3 HC12 080	K10421636131127	KPS 32	12	32	32	40	M6	80	46	40
KPS4 HC06 080	K10422707131127	KPS 40	6	40	26	40	M5	80	37	36
KPS4 HC08 080	K10422643131127	KPS 40	8	40	28	40	M6	80	37	36
KPS4 HC10 085	K10422644135127	KPS 40	10	40	30	40	M6	85	41	42
KPS4 HC12 085	K10422636135127	KPS 40	12	40	32	40	M6	85	46	48
KPS5 HC06 065	K10423707123127	KPS 50	6	50	26	40	M5	65	37	28
KPS5 HC08 065	K10423643123127	KPS 50	8	50	28	40	M6	65	37	28
KPS5 HC10 075	K10423644127127	KPS 50	10	50	30	40	M8	75	41	34
KPS5 HC12 080	K10423636131127	KPS 50	12	50	32	40	M10	80	46	44
KPS5 HC14 080	K10423645131127	KPS 50	14	50	34	40	M10	80	46	44
KPS5 HC16 085	K10423646135127	KPS 50	16	50	38	50	M12	85	49	30
KPS5 HC18 085	K10423647135127	KPS 50	18	50	40	50	M12	85	49	30
KPS5 HC20 085	K10423637135127	KPS 50	20	50	42	50	M16	85	51	29
KPS5 HC25 095	K10423648145127	KPS 50	25	50	57	57	M16	95	57	-

KPS (DIN 26623-1)
Hydraulic Expansion Chuck (Standard Series)

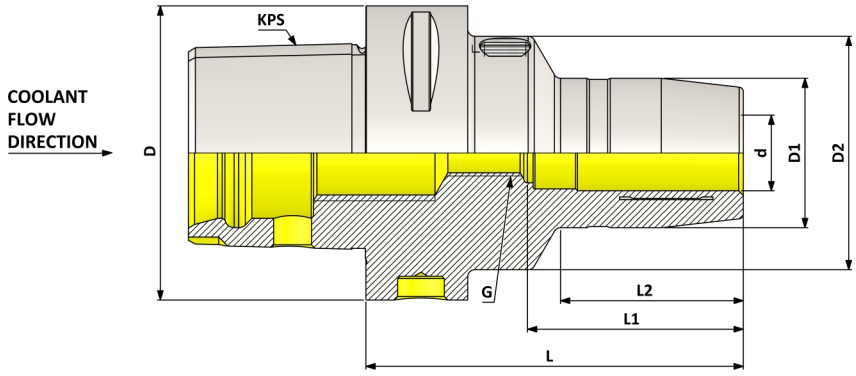
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) Hydraulic Expansion Chuck (Standard Series)										(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1	L2
KPS6 HC06 065	K10419642123283	KPS 63	6	63	26	50	M5	65	37	24
KPS6 HC06 120	K10419707162127	KPS 63	6	63	26	50	M5	120	37	73
KPS6 HC08 065	K10419643123283	KPS 63	8	63	28	50	M6	65	37	25
KPS6 HC08 120	K10419643162127	KPS 63	8	63	28	50	M6	120	37	74
KPS6 HC10 075	K10419644127283	KPS 63	10	63	30	50	M8	75	41	35
KPS6 HC10 120	K10419644162127	KPS 63	10	63	30	50	M8	120	41	74
KPS6 HC12 080	K10419636131283	KPS 63	12	63	32	50	M10	80	46	40
KPS6 HC12 120	K10419636162127	KPS 63	12	63	32	50	M10	120	46	75
KPS6 HC14 080	K10419645131283	KPS 63	14	63	34	50	M10	80	46	40
KPS6 HC14 120	K10419645162127	KPS 63	14	63	34	50	M10	120	46	75
KPS6 HC16 085	K10419646135283	KPS 63	16	63	38	50	M12	85	49	46
KPS6 HC16 120	K10419646162127	KPS 63	16	63	38	50	M12	120	49	76
KPS6 HC18 085	K10419647135283	KPS 63	18	63	40	50	M12	85	49	47
KPS6 HC18 120	K10419647162127	KPS 63	18	63	40	50	M12	120	49	77
KPS6 HC20 085	K10419637135283	KPS 63	20	63	42	50	M16	85	51	48
KPS6 HC20 120	K10419637162127	KPS 63	20	63	42	50	M16	120	51	78
KPS6 HC25 095	K10419648145283	KPS 63	25	63	57	57	M16	95	57	63
KPS6 HC25 120	K10419648162127	KPS 63	25	63	57	57	M16	120	57	63
KPS6 HC32 100	K10419638148283	KPS 63	32	63	63	50	M16	100	61	61
KPS6 HC32 120	K10419638162127	KPS 63	32	63	63	50	M16	120	61	61

KPS (DIN 26623-1)
Hydraulic Expansion Chuck (Standard Series)

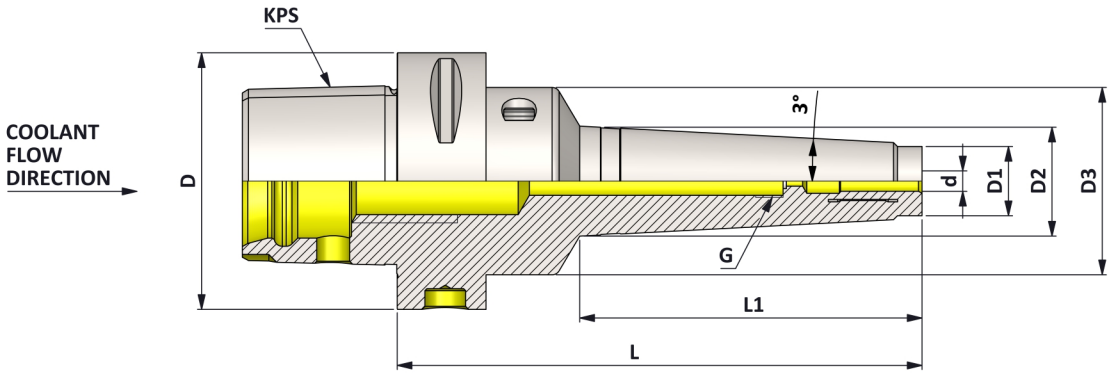
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (DIN 26623-1) Hydraulic Expansion Chuck (Standard Series)										(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	G	L	L1	L2
KPS8 HC06 075	K10425707127127	KPS 80	6	80	26	50	M5	75	37	24
KPS8 HC08 075	K10425643127127	KPS 80	8	80	28	50	M6	75	37	24
KPS8 HC10 085	K10425644135127	KPS 80	10	80	30	50	M8	85	41	35
KPS8 HC12 090	K10425636140127	KPS 80	12	80	32	50	M10	90	46	40
KPS8 HC14 090	K10425645140127	KPS 80	14	80	34	50	M10	90	46	40
KPS8 HC16 095	K10425646145127	KPS 80	16	80	38	50	M12	95	49	51
KPS8 HC18 095	K10425647145127	KPS 80	18	80	40	50	M12	95	49	51
KPS8 HC20 095	K10425637145127	KPS 80	20	80	42	50	M16	95	51	47
KPS8 HC25 110	K10425648156127	KPS 80	25	80	57	57	M16	110	57	65
KPS8 HC32 125	K10425638164127	KPS 80	32	80	63	63	M16	125	61	63
KPS8X HC06 080	K10424789131796	KPS80X	6	100	26	50	M5	80	37	26
KPS8X HC08 080	K10424643131796	KPS80X	8	100	28	50	M6	80	37	26
KPS8X HC10 090	K10424644140796	KPS80X	10	100	30	50	M8	90	41	42
KPS8X HC12 100	K10424636148796	KPS80X	12	100	32	50	M10	100	46	47
KPS8X HC14 100	K10424645148796	KPS80X	14	100	34	50	M10	100	46	47
KPS8X HC16 100	K10424646148796	KPS80X	16	100	38	50	M12	100	49	53
KPS8X HC18 100	K10424647148796	KPS80X	18	100	40	50	M12	100	49	53
KPS8X HC20 100	K10424637148796	KPS80X	20	100	42	50	M16	100	51	59
KPS8X HC25 115	K10424648159796	KPS80X	25	100	57	57	M16	115	57	62
KPS8X HC32 130	K10424638165796	KPS80X	32	100	63	63	M16	130	61	60

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

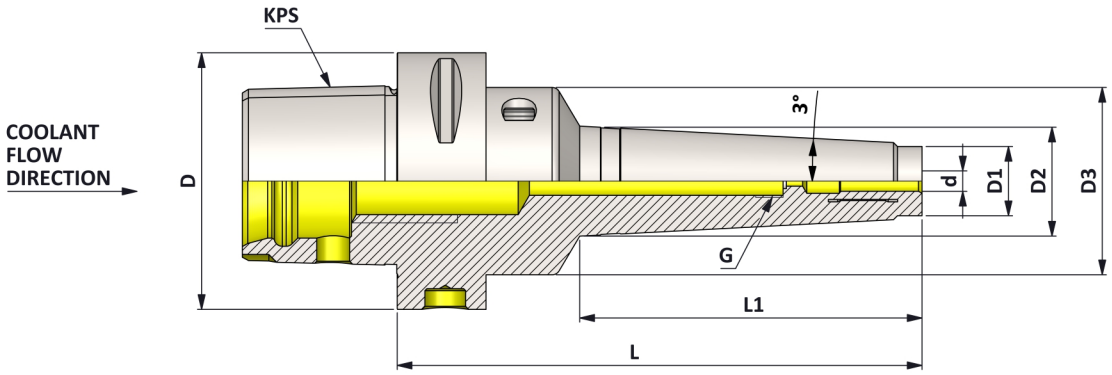
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**D3**	**G**	**L**	**L1**	**L2**
KPS3 HC03 130 SLIM	K10421707165557	KPS 32	3	32	11	19.9	46	-	130	84	28
KPS3 HC04 130 SLIM	K10421708165557	KPS 32	4	32	11	19.9	46	-	130	84	28
KPS3 HC05 130 SLIM	K10421709165557	KPS 32	5	32	12	20.8	46	-	130	84	28
KPS3 HC06 135 SLIM	K10421707166557	KPS 32	6	32	13	21.9	46	M5	135	84	37
KPS3 HC06 150 SLIM	K10421707173557	KPS 32	6	32	13	23.4	46	M5	150	99	37
KPS3 HC08 135 SLIM	K10421643166557	KPS 32	8	32	15	23.9	46	M6	135	84	37
KPS3 HC08 150 SLIM	K10421643173557	KPS 32	8	32	15	25.4	46	M6	150	99	37
KPS3 HC10 135 SLIM	K10421644166557	KPS 32	10	32	17	25.9	46	M8	135	84	41
KPS3 HC10 150 SLIM	K10421644173557	KPS 32	10	32	17	27.4	46	M8	150	99	41
KPS3 HC12 135 SLIM	K10421636166557	KPS 32	12	32	19	27.9	46	M8	135	84	46
KPS3 HC12 150 SLIM	K10421636173557	KPS 32	12	32	19	29.4	46	M8	150	99	46
KPS4 HC03 130 SLIM	K10422707165557	KPS 40	3	40	11	19.9	46	-	130	84	28
KPS4 HC04 130 SLIM	K10422708165557	KPS 40	4	40	11	19.9	46	-	130	84	28
KPS4 HC05 130 SLIM	K10422709165557	KPS 40	5	40	12	20.8	46	-	130	84	28
KPS4 HC06 135 SLIM	K10422957166557	KPS 40	6	40	13	21.9	46	M5	135	84	37
KPS4 HC06 150 SLIM	K10422957173557	KPS 40	6	40	13	23.4	46	M5	150	99	37
KPS4 HC08 135 SLIM	K10422643166557	KPS 40	8	40	15	23.9	46	M6	135	84	37
KPS4 HC08 150 SLIM	K10422643173557	KPS 40	8	40	15	25.4	46	M6	150	99	37
KPS4 HC10 135 SLIM	K10422644166557	KPS 40	10	40	17	25.9	46	M8	135	84	41
KPS4 HC10 150 SLIM	K10422644173557	KPS 40	10	40	17	27.4	46	M8	150	99	41
KPS4 HC12 135 SLIM	K10422636166557	KPS 40	12	40	19	27.9	46	M8	135	84	46
KPS4 HC12 150 SLIM	K10422636173557	KPS 40	12	40	19	29.4	46	M8	150	99	46

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

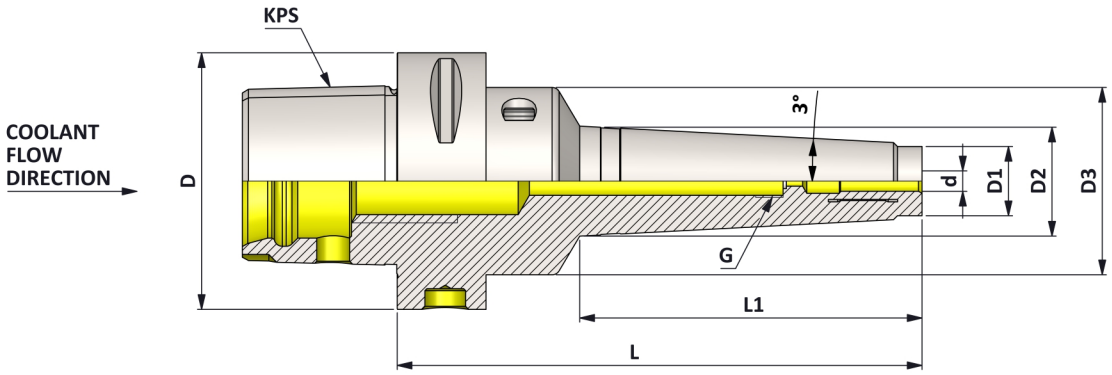
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	D3	G	L	L1	L2
KPS5 HC03 130 SLIM	K10423707165557	KPS 50	3	50	11	19.9	46	-	130	84	28
KPS5 HC04 130 SLIM	K10423708165557	KPS 50	4	50	11	19.9	46	-	130	84	28
KPS5 HC05 130 SLIM	K10423709165557	KPS 50	5	50	12	20.8	46	-	130	84	28
KPS5 HC06 135 SLIM	K10423957166557	KPS 50	6	50	13	21.9	46	M5	135	84	37
KPS5 HC06 150 SLIM	K10423957173557	KPS 50	6	50	13	23.4	46	M5	150	99	37
KPS5 HC08 135 SLIM	K10423643166557	KPS 50	8	50	15	23.9	46	M6	135	84	37
KPS5 HC08 150 SLIM	K10423643173557	KPS 50	8	50	15	25.4	46	M6	150	99	37
KPS5 HC10 135 SLIM	K10423644166557	KPS 50	10	50	17	25.9	46	M8	135	84	41
KPS5 HC10 150 SLIM	K10423644173557	KPS 50	10	50	17	27.4	46	M8	150	99	41
KPS5 HC12 135 SLIM	K10423636166557	KPS 50	12	50	19	27.9	46	M8	135	84	46
KPS5 HC12 150 SLIM	K10423636173557	KPS 50	12	50	19	29.4	46	M8	150	99	46

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

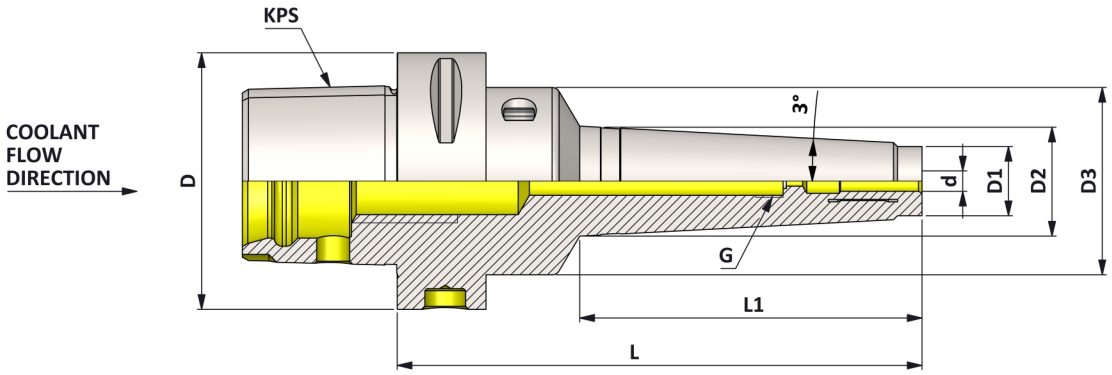
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	D3	G	L	L1	L2
KPS6 HC03 135 SLIM	K10419707166557	KPS 63	3	63	11	19.9	46	-	135	84	28
KPS6 HC04 135 SLIM	K10419708166557	KPS 63	4	63	11	19.9	46	-	135	84	28
KPS6 HC05 135 SLIM	K10419709166557	KPS 63	5	63	12	20.8	46	-	135	84	28
KPS6 HC06 135 SLIM	K10419957166557	KPS 63	6	63	13	21.9	46	M5	135	84	37
KPS6 HC06 150 SLIM	K10419957173557	KPS 63	6	63	13	23.4	46	M5	150	99	37
KPS6 HC06 165 SLIM	K10419957956557	KPS 63	6	63	13	25	46	M5	165	114	37
KPS6 HC06 180 SLIM	K10419957178557	KPS 63	6	63	13	26.7	46	M5	180	130	37
KPS6 HC08 135 SLIM	K10419643166557	KPS 63	8	63	15	23.9	46	M6	135	84	37
KPS6 HC08 150 SLIM	K10419643173557	KPS 63	8	63	15	25.4	46	M6	150	99	37
KPS6 HC08 165 SLIM	K10419643956557	KPS 63	8	63	15	27	46	M6	165	114	37
KPS6 HC08 180 SLIM	K10419643178557	KPS 63	8	63	15	28.7	46	M6	180	130	37
KPS6 HC10 135 SLIM	K10419644166557	KPS 63	10	63	17	25.9	46	M8	135	84	41
KPS6 HC10 150 SLIM	K10419644173557	KPS 63	10	63	17	27.4	46	M8	150	99	41
KPS6 HC10 165 SLIM	K10419644956557	KPS 63	10	63	17	29	46	M8	165	114	41
KPS6 HC10 180 SLIM	K10419644178557	KPS 63	10	63	17	30.7	46	M8	180	130	41
KPS6 HC12 135 SLIM	K10419636166557	KPS 63	12	63	19	27.9	46	M8	135	84	46
KPS6 HC12 150 SLIM	K10419636173557	KPS 63	12	63	19	29.4	46	M8	150	99	46
KPS6 HC12 165 SLIM	K10419636956557	KPS 63	12	63	19	31	46	M8	165	114	46
KPS6 HC12 180 SLIM	K10419636178557	KPS 63	12	63	19	32.7	46	M8	180	130	46

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

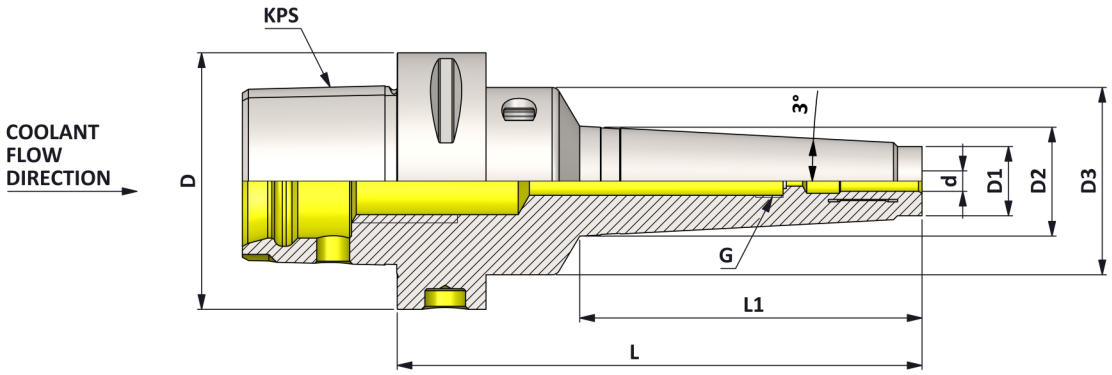
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	D3	G	L	L1	L2
KPS6 HC14 135 SLIM	K10419645166557	KPS 63	14	63	21	29.8	52.5	M10	135	84	46
KPS6 HC14 165 SLIM	K10419645956557	KPS 63	14	63	21	32.9	52.5	M10	165	114	46
KPS6 HC14 180 SLIM	K10419645178557	KPS 63	14	63	21	34.5	52.5	M10	180	129	46
KPS6 HC16 135 SLIM	K10419646166557	KPS 63	16	63	23	31.9	52.5	M12	135	84	49
KPS6 HC16 165 SLIM	K10419646956557	KPS 63	16	63	23	35	52.5	M12	165	114	49
KPS6 HC16 180 SLIM	K10419646178557	KPS 63	16	63	23	36.6	52.5	M12	180	129	49
KPS6 HC18 135 SLIM	K10419647166557	KPS 63	18	63	26	34.8	60	M12	135	84	49
KPS6 HC18 165 SLIM	K10419647956557	KPS 63	18	63	26	37.9	60	M12	165	114	49
KPS6 HC18 180 SLIM	K10419647178557	KPS 63	18	63	26	39.5	60	M12	180	129	49
KPS6 HC20 135 SLIM	K10419637166557	KPS 63	20	63	28	36.9	60	M16	135	84	51
KPS6 HC20 165 SLIM	K10419637956557	KPS 63	20	63	28	40	60	M16	165	114	51
KPS6 HC20 180 SLIM	K10419637178557	KPS 63	20	63	28	41.6	60	M16	180	129	51
KPS6 HC25 135 SLIM	K10419648166557	KPS 63	25	63	37	45.9	60	M16	135	84	51
KPS6 HC25 165 SLIM	K10419648956557	KPS 63	25	63	37	49	60	M16	165	114	51
KPS6 HC25 180 SLIM	K10419648178557	KPS 63	25	63	37	50.6	60	M16	180	129	51

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

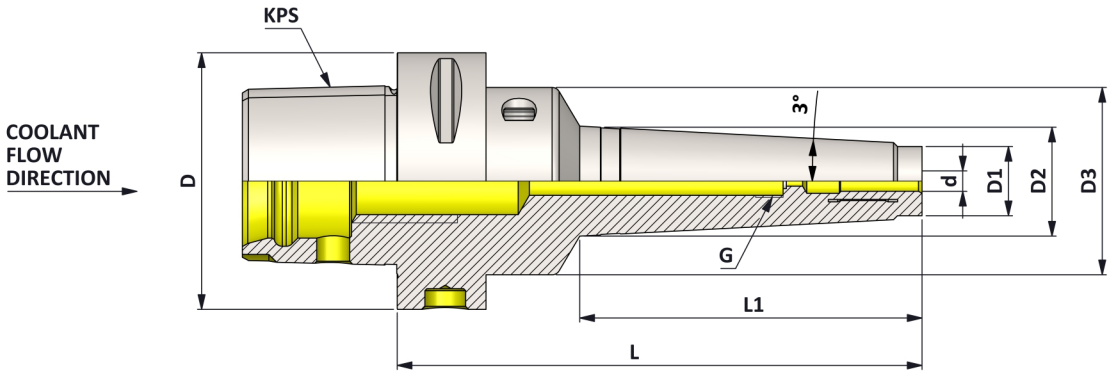
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	D3	G	L	L1	L2
KPS8 HC06 150 SLIM	K10425707173557	KPS 80	6	80	13	21.9	46	M5	150	84	37
KPS8 HC06 165 SLIM	K10425707956557	KPS 80	6	80	13	23.4	46	M5	165	99	37
KPS8 HC06 180 SLIM	K10425707178557	KPS 80	6	80	13	25	46	M5	180	114	37
KPS8 HC06 195 SLIM	K10425707957557	KPS 80	6	80	13	26.7	46	M5	195	130	37
KPS8 HC08 150 SLIM	K10425643173557	KPS 80	8	80	15	23.9	46	M6	150	84	37
KPS8 HC08 165 SLIM	K10425643956557	KPS 80	8	80	15	25.4	46	M6	165	99	37
KPS8 HC08 180 SLIM	K10425643178557	KPS 80	8	80	15	27	46	M6	180	114	37
KPS8 HC08 195 SLIM	K10425643957557	KPS 80	8	80	15	28.7	46	M6	195	130	37
KPS8 HC10 150 SLIM	K10425644152557	KPS 80	10	80	17	25.9	46	M8	150	84	41
KPS8 HC10 165 SLIM	K10425644956557	KPS 80	10	80	17	27.4	46	M8	165	99	41
KPS8 HC10 180 SLIM	K10425644178557	KPS 80	10	80	17	29	46	M8	180	114	41
KPS8 HC10 195 SLIM	K10425644957557	KPS 80	10	80	17	30.7	46	M8	195	130	41
KPS8 HC12 150 SLIM	K10425636173557	KPS 80	12	80	19	27.9	46	M10	150	84	46
KPS8 HC12 165 SLIM	K10425636956557	KPS 80	12	80	19	29.4	46	M10	165	99	46
KPS8 HC12 180 SLIM	K10425636178557	KPS 80	12	80	19	31	46	M10	180	114	46
KPS8 HC12 195 SLIM	K10425636957557	KPS 80	12	80	19	32.7	46	M10	195	130	46

KPS (ISO 26623-1)
Hydraulic Expansion Chuck Slim 3 Degree

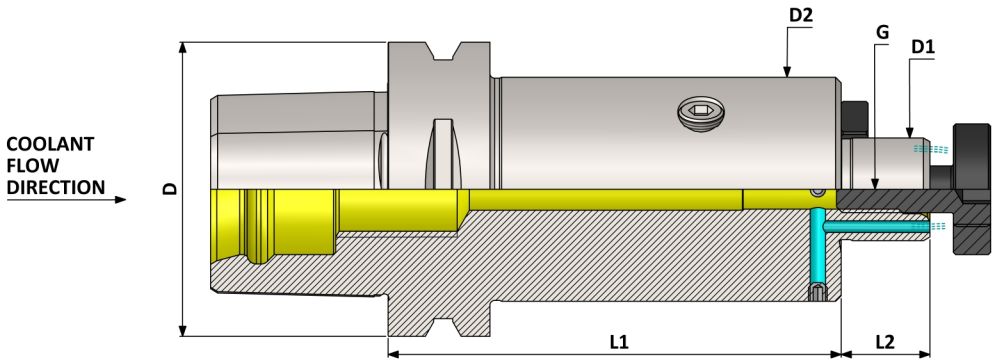
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	d	D	D1	D2	D3	G	L	L1	L2
KPS8 HC14 150 SLIM	K10425645173557	KPS 80	14	80	21	31.4	52.5	M10	150	99	46
KPS8 HC14 180 SLIM	K10425645178557	KPS 80	14	80	21	32.9	52.5	M10	180	114	46
KPS8 HC14 195 SLIM	K10425645957557	KPS 80	14	80	21	34.5	52.5	M10	195	129	46
KPS8 HC16 150 SLIM	K10425646173557	KPS 80	16	80	23	31.9	52.5	M12	150	84	49
KPS8 HC16 180 SLIM	K10425646178557	KPS 80	16	80	23	35	52.5	M12	180	114	49
KPS8 HC16 195 SLIM	K10425646957557	KPS 80	16	80	23	36.6	52.5	M12	195	129	49
KPS8 HC18 150 SLIM	K10425647173557	KPS 80	18	80	26	34.8	60	M12	150	84	49
KPS8 HC18 180 SLIM	K10425647178557	KPS 80	18	80	26	37.9	60	M12	180	114	49
KPS8 HC18 195 SLIM	K10425647957557	KPS 80	18	80	26	39.5	60	M12	195	129	49
KPS8 HC20 150 SLIM	K10425637173557	KPS 80	20	80	28	36.9	60	M16	150	84	51
KPS8 HC20 180 SLIM	K10425637178557	KPS 80	20	80	28	40	60	M16	180	114	51
KPS8 HC20 195 SLIM	K10425637957557	KPS 80	20	80	28	41.6	60	M16	195	129	51
KPS8 HC25 150 SLIM	K10425648173557	KPS 80	25	80	37	45.9	60	M16	150	84	51
KPS8 HC25 180 SLIM	K10425648178557	KPS 80	25	80	37	49	60	M16	180	114	51
KPS8 HC25 195 SLIM	K10425648957557	KPS 80	25	80	37	50.6	60	M16	195	129	51

KPS (ISO 26623-1)
Hydraulic Expansion Face Mill Holder (HC : FMH-K)

Maximum Runout of External Dia with respect to External Taper 0.005mm as supplied

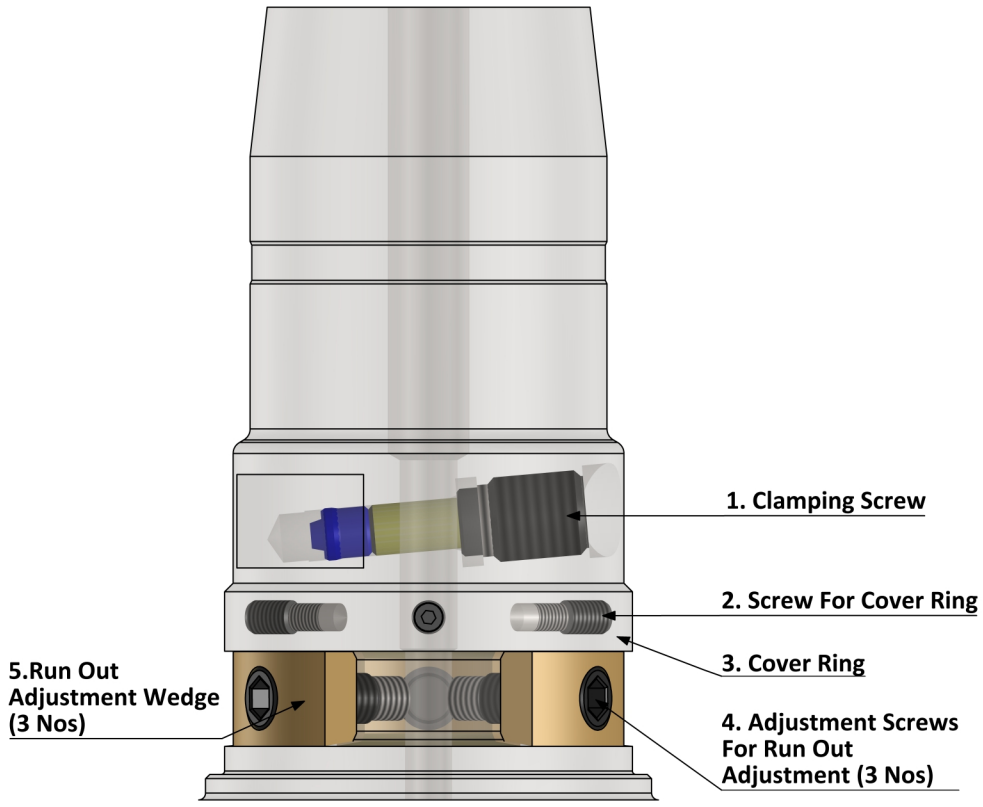


KPS (ISO 26623-1) (HC : FMH - K)								(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**D**	**D1**	**D2**	**L1**	**L2**	**G**
KPS4 HC FMH-K22 050 SP.S	K10422934960244	KPS 40	40	22	48	50	19	M10
KPS5 HC FMH-K22 050 SP.S	K10423934960244	KPS 50	50	22	48	50	19	M10
KPS5 HC FMH-K27 055 SP.S	K10423935142244	KPS 50	50	27	50	55	21	M12
KPS6 HC FMH-K22 100 SP.S	K10419934148244	KPS 63	63	22	48	100	19	M10
KPS6 HC FMH-K27 100 SP.S	K10419935148244	KPS 63	63	27	50	100	21	M12
KPS6 HC FMH-K32 100 SP.S	K10419936148595	KPS 63	63	32	78	100	24	M16
KPS8 HC FMH-K22 100 SP.S	K10425934148595	KPS 80	80	22	48	100	19	M10
KPS8 HC FMH-K27 100 SP.S	K10425935148244	KPS 80	80	27	50	100	21	M12
KPS8 HC FMH-K32 100 SP.S	K10425936148244	KPS 80	80	32	78	100	24	M16
KPS8X HC FMH-K22 100 SP.S	K10424934148796	KPS80X	100	22	48	100	19	M10
KPS8X HC FMH-K27 100 SP.S	K10424935148595	KPS80X	100	27	50	100	21	M12
KPS8X HC FMH-K32 100 SP.S	K10424936148595	KPS80X	100	32	78	100	24	M16
KPS8X HC FMH-K40 100 SP.S	K10424937148595	KPS80X	100	40	88	100	27	M20

Hydraulic Expantion Chuck With Run Out Adjustment (HC - RA)

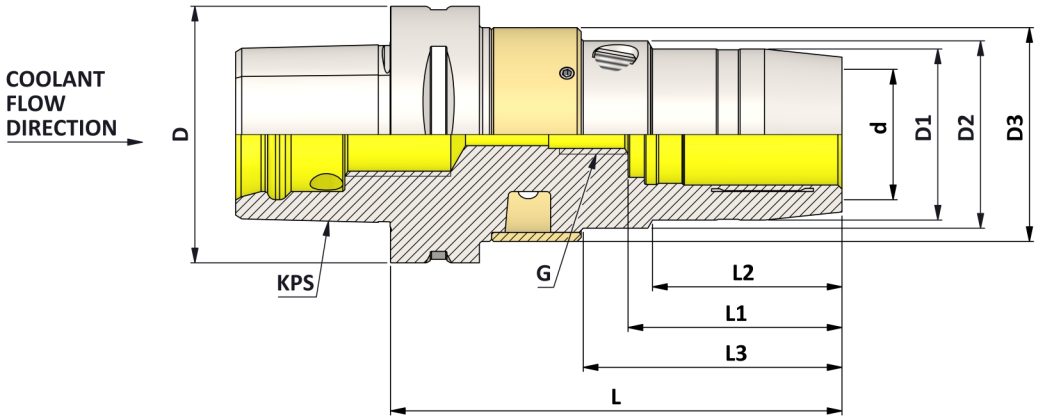
Features :

- KTA "HC - RA" (Hydraulic Chuck With Run Out Adjustment) is very useful & suitable for Reaming operation.
- It is hydraulic clamped which gives a good clamping force & with the help of 3 adjustable wedges we can excatly set.
- A cover ring seals the inside adjustable system & therefore low maintenance & susceptible to dirt.
- Request to use our hydraulic chuck manual for safe clamping / care & maintenance.



KPS (ISO 26623-1)
Hydraulic Expansion Chuck
with Runout Adjustment (HC-RA)

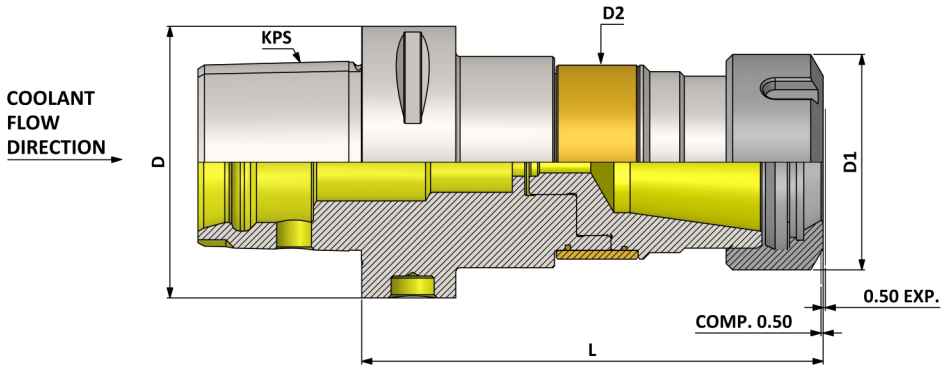
Maximum Runout of Internal Dia with respect to External Taper 0.003mm as supplied



KPS (ISO 26623-1) HC with Runout Adjustment (HC-RA)												(Balanced to 2.5G 25000 RPM)
Item Name	**Item Code**	**KPS**	**d**	**D**	**D1**	**D2**	**D3**	**G**	**L**	**L1**	**L2**	**L3**
KPS5 HC20 115 RA	K10423637158135	KPS 50	20	50	42	46	52.5	M8	115	51	50	65.5
KPS6 HC20 115 RA	K10419637159135	KPS 63	20	63	42	46	52.5	M8	115	51	50	65.5
KPS6 HC32 150 RA	K10419638173135	KPS 63	32	63	42	46	52.5	M8	150	51	50	65.5
KPS8 HC20 115 RA	K10425637159135	KPS 80	20	80	42	46	52.5	M8	115	51	50	65.5
KPS8 HC32 150 RA	K10425638173135	KPS 80	32	80	42	46	52.5	M8	150	51	50	65.5
KPS8X HC20 120 RA	K10424637204596	KPS80X	20	100	42	46	52.5	M8	120	51	50	65.5
KPS8X HC32 150 RA	K10424638173596	KPS80X	32	100	42	46	52.5	M8	150	51	50	65.5

KPS (ISO 26623-1)
Minimum Length Compensation Tapping Chuck (MLC) (DIN-6499)

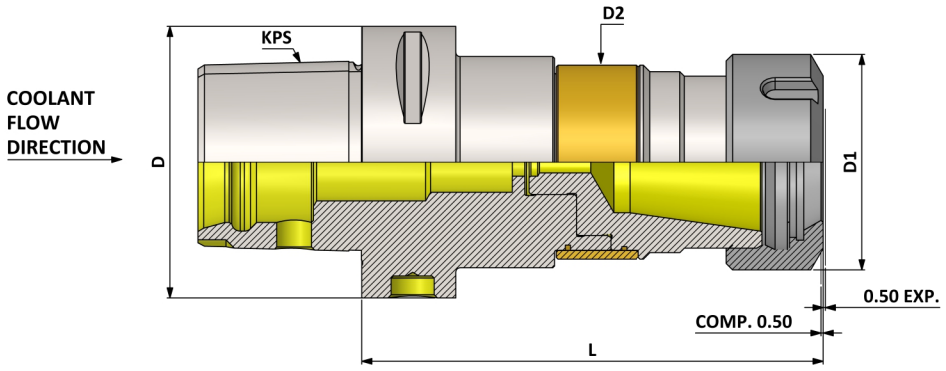
Maximum Runout of Internal Taper with respect to External Taper 0.020mm as supplied



KPS (ISO 26623-1) (MLC)											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	TAPPING RANGE	CLAMPING RANGE	NUT SIZE	D	D1	D2	L	Comp.	Exp.
KPS3 ER 16 089 MLC	K10421149139245	KPS 32	M3-M12	3.5-10	ER 16	32	32	34	89	0.5	0.5
KPS3 ER 20 090 MLC	K10421150140245	KPS 32	M3-M16	3.5-12	ER 20	32	35	34	90	0.5	0.5
KPS3 ER 25 094 MLC	K10421151548245	KPS 32	M3-M20	3.5-16	ER 25	32	42	34	94	0.5	0.5
KPS4 ER 16 089 MLC	K10422149139245	KPS 40	M3-M12	3.5-10	ER 16	40	32	34	89	0.5	0.5
KPS4 ER 20 090 MLC	K10422150140245	KPS 40	M3-M16	3.5-12	ER 20	40	35	34	90	0.5	0.5
KPS4 ER 25 094 MLC	K10422151548245	KPS 40	M3-M20	3.5-16	ER 25	40	42	34	94	0.5	0.5
KPS5 ER 16 089 MLC	K10423149139245	KPS 50	M3-M12	3.5-10	ER 16	50	32	34	89	0.5	0.5
KPS5 ER 20 090 MLC	K10423150140245	KPS 50	M3-M16	3.5-12	ER 20	50	35	34	90	0.5	0.5
KPS5 ER 25 094 MLC	K10423151548245	KPS 50	M3-M20	3.5-16	ER 25	50	42	34	94	0.5	0.5
KPS6 ER 16 089 MLC	K10419149139245	KPS 63	M3-M12	3.5-10	ER 16	63	32	34	89	0.5	0.5
KPS6 ER 20 090 MLC	K10419150140245	KPS 63	M3-M16	3.5-12	ER 20	63	35	34	90	0.5	0.5
KPS6 ER 25 094 MLC	K10419151548245	KPS 63	M3-M20	3.5-16	ER 25	63	42	34	94	0.5	0.5
KPS6 ER 32 105 MLC	K10419152152245	KPS 63	M4-M27	3.5-20	ER 32	63	50	45	105	0.5	0.5
KPS6 ER 40 133.5 MLC	K10419153550245	KPS 63	M6-M33	6-25	ER 40	63	63	62	133.5	0.5	0.5

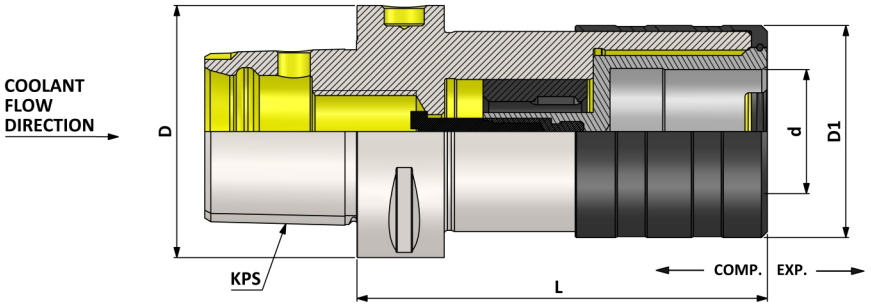
KPS (ISO 26623-1)
Minimum Length Compensation Tapping Chuck (MLC) (DIN-6499)

Maximum Runout of Internal Taper with respect to External Taper 0.020mm as supplied



KPS (ISO 26623-1) (MLC)											(Balanced to 2.5G 25000 RPM)
Item Name	Item Code	KPS	TAPPING RANGE	CLAMPING RANGE	NUT SIZE	D	D1	D2	L	Comp.	Exp.
KPS8 ER 16 096 MLC	K10425149262245	KPS 80	M3-M12	3.5-10	ER 16	80	32	34	96	0.5	0.5
KPS8 ER 20 097 MLC	K10425150562245	KPS 80	M3-M16	3.5-12	ER 20	80	35	34	97	0.5	0.5
KPS8 ER 25 101 MLC	K10425151261245	KPS 80	M3-M20	3.5-16	ER 25	80	42	34	101	0.5	0.5
KPS8 ER 32 110 MLC	K10425152156245	KPS 80	M4-M27	3.5-20	ER 32	80	50	45	110	0.5	0.5
KPS8 ER 40 133 MLC	K10425153550245	KPS 80	M6-M33	6-25	ER 40	80	63	62	133	0.5	0.5
KPS8X ER 16 096 MLC	K10424149262245	KPS80X	M3-M12	3.5-10	ER 16	100	32	34	96	0.5	0.5
KPS8X ER 20 097 MLC	K10424150562245	KPS80X	M3-M16	3.5-12	ER 20	100	35	34	97	0.5	0.5
KPS8X ER 25 101 MLC	K10424151261245	KPS80X	M3-M20	3.5-16	ER 25	100	42	34	101	0.5	0.5
KPS8X ER 32 110 MLC	K10424152156245	KPS80X	M4-M27	3.5-20	ER 32	100	50	45	110	0.5	0.5
KPS8X ER 40 133 MLC	K10424153550245	KPS80X	M6-M33	6-25	ER 40	100	63	62	133	0.5	0.5

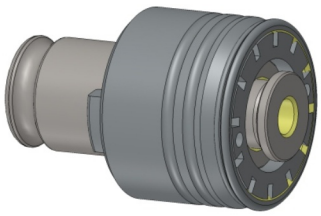
KPS (ISO 26623-1)
Quick Change Tapping Chuck (KWFLK)

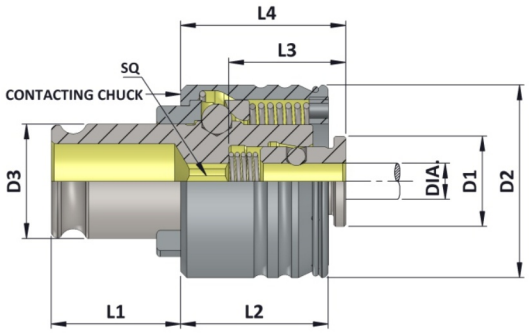


KPS (DIN 26623-1) (KWFLK)

Item Name	Item Code	KPS	Capacity	Suitable Adaptor	Compr.	Expan.	d	D	D1	L
KPS3 KWFLK1 080	K10421169131127	KPS 32	M3-M12	KWES1B	7.5	7.5	19	32	36	80
KPS4 KWFLK1 080	K10422169131127	KPS 40	M3-M12	KWES1B	7.5	7.5	19	40	36	80
KPS4 KWFLK2 110	K10422169156127	KPS 40	M6-M20	KWES2B	12.5	12.5	31	40	53	110
KPS5 KWFLK1 080	K10423169131127	KPS 50	M3-M12	KWES1B	7.5	7.5	19	50	36	80
KPS5 KWFLK2 115	K10423170159127	KPS 50	M6-M20	KWES2B	12.5	12.5	31	50	53	115
KPS6 KWFLK1 090	K10419169132127	KPS 63	M3-M12	KWES1B	7.5	7.5	19	63	36	90
KPS6 KWFLK2 120	K10419170161127	KPS 63	M6-M20	KWES2B	12.5	12.5	31	63	53	120
KPS6 KWFLK3 170	K10419171374127	KPS 63	M14-M33	KWES3B	20	20	48	63	78	170
KPS8 KWFLK1 085	K10425169135127	KPS 80	M3-M12	KWES1B	7.5	7.5	19	80	36	85
KPS8 KWFLK2 110	K10425170156127	KPS 80	M6-M20	KWES2B	12.5	12.5	31	80	53	110
KPS8 KWFLK3 160	K10425171175127	KPS 80	M14-M33	KWES3B	20	20	48	80	78	160
KPS8X KWFLK1 100	K10424169148796	KPS80X	M3-M12	KWES1B	7.5	7.5	19	100	36	100
KPS8X KWFLK2 130	K10424170165796	KPS80X	M6-M20	KWES2B	12.5	12.5	31	100	53	130
KPS8X KWFLK3 180	K10424171178796	KPS80X	M14-M33	KWES3B	20	20	48	100	78	180
KPS8X KWFLK4 225	K10424172181796	KPS80X	M22-M48	KWES4B	22.5	22.5	60	100	96	225

Technical Information
Quick Change Tap Adaptor (KWES-B)
(With Safety Clutch)





KWES0B TO 4B Tap Adaptor - Technical Information

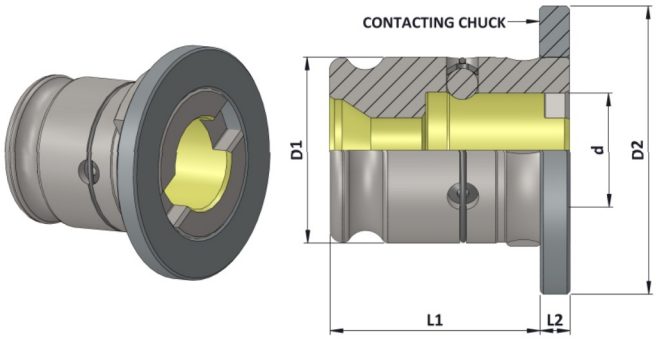
Item Name	Capacity	Shank Dia	Suitable Chuck Size	D1	D2	D3	L1	L2	L3	L4
KWES 0 B	M1 – M10	2.5 – 8.0	0	13	23	13	19.5	20	15	21
KWES 1 B	M3 – M12	3.5 – 11.2	1	19	30	19	21.5	25	17	25
KWES 2 B	M6 – M20	6 – 18	2	30	50	31	35	31	30	34
KWES 3 B	M14 – M33	11 – 28	3	48	72	48	55.5	41	44	45
KWES 4 B	M22 – M48	18 – 36	4	60	95	60	63	61	71	68

Application :

- Quick Change Tap Adaptors KWES../B are used along with KTA Quick Change Tapping Chuck on CNC Lathe, CNC Milling & Manual Lathe & Drilling Machines.

Features :

- Taps can be Changed Quickly without Additional tooling Support. Different Adaptor is required for each tap, depends on Tap shank dia & square size.
- Safety Clutch protects tap breakages. Blind holes tapping becomes easy.

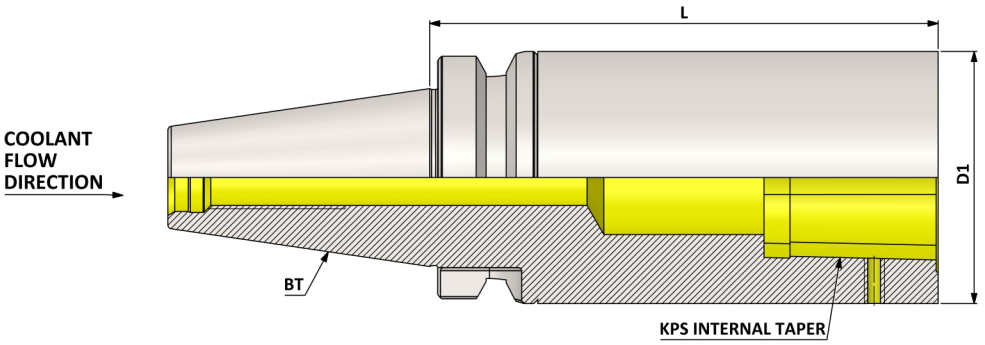


Reduction Socket (KWRE)								
Item Name	Item Code	Suitable Chuck Size	Adaptor Size	d	D1	D2	L1	L2
KWRE 1/0	K11219254193	1	0	13	19	30	21.5	4
KWRE 2/1	K11219249193	2	1	19	31	48	35	5
KWRE 3/1	K11219250193	3	1	19	48	70	55.5	6
KWRE 3/2	K11219251193	3	2	31	48	70	55.5	6
KWRE 4/2	K11219252193	4	2	31	60	92	63	13
KWRE 4/3	K11219253193	4	3	48	60	92	63	13

Note : All Dimensions are in mm

REDUCTION SLEEVE
BT (MAS 403) x KPS (ISO 26623-1)

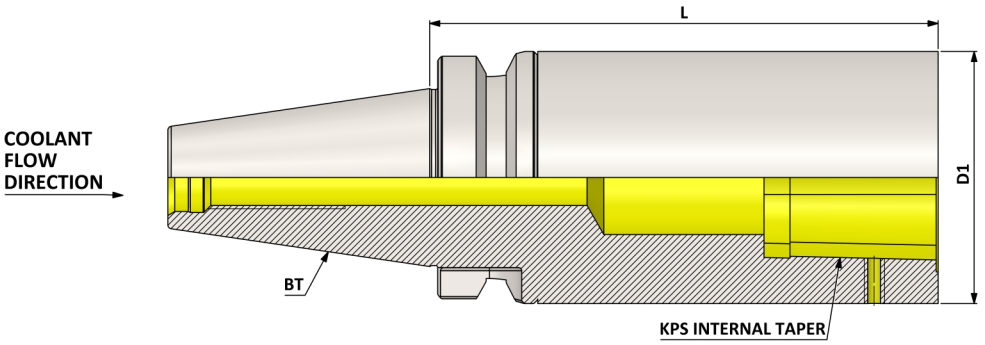
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



REDUCTION SLEEVE BT (MAS 403) x KPS (ISO 26623-1)				
Item Name	**Item Code**	**KPS**	**D1**	**L**
BT30 030 x KPS3 REDUCTION SLEEVE	K10421344254292	KPS 32	32	30
BT30 040 x KPS3 REDUCTION SLEEVE	K10101174529796	KPS32	32	40
BT30 060 x KPS3 REDUCTION SLEEVE	K10421344952292	KPS 32	32	60
BT30 060 x KPS4 REDUCTION SLEEVE	K10101175529796	KPS 40	40	60
BT30 080 x KPS5 REDUCTION SLEEVE	K10101179529796	KPS 50	50	80
BT40 030 x KPS3 REDUCTION SLEEVE	K10421345952292	KPS 32	32	30
BT40 060 x KPS3 REDUCTION SLEEVE	K10421345254292	KPS 32	32	60
BT40 030 x KPS4 REDUCTION SLEEVE	K10422345254292	KPS 40	40	30
BT40 040 x KPS4 REDUCTION SLEEVE	K10102176529796	KPS 40	40	40
BT40 060 x KPS4 REDUCTION SLEEVE	K10422345952292	KPS 40	40	60
BT40 070 x KPS4 REDUCTION SLEEVE	K10102177529796	KPS 40	40	70
BT40 030 x KPS5 REDUCTION SLEEVE	K10423345254292	KPS 50	50	30
BT40 050 x KPS5 REDUCTION SLEEVE	K10102178529796	KPS 50	50	50
BT40 070 x KPS5 REDUCTION SLEEVE	K10423345125292	KPS 50	50	70
BT40 090 x KPS5 REDUCTION SLEEVE	K10102180529796	KPS 50	50	90
BT40 075 x KPS6 REDUCTION SLEEVE	K10102204486127	KPS 63	63	75

REDUCTION SLEEVE
BT (MAS 403) x KPS (ISO 26623-1)

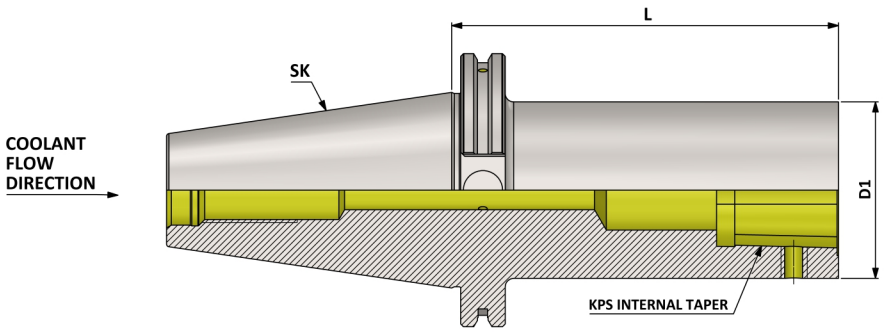
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



REDUCTION SLEEVE BT (MAS 403) x KPS (ISO 26623-1)				
Item Name	**Item Code**	**KPS**	**D1**	**L**
BT50 040 x KPS3 REDUCTION SLEEVE	K10421346541292	KPS 32	32	40
BT50 070 x KPS3 REDUCTION SLEEVE	K10421346125292	KPS 32	32	70
BT50 040 x KPS4 REDUCTION SLEEVE	K10422346541292	KPS 40	40	40
BT50 070 x KPS4 REDUCTION SLEEVE	K10422346125292	KPS 40	40	70
BT50 040 x KPS5 REDUCTION SLEEVE	K10423346541292	KPS 50	50	40
BT50 080 x KPS5 REDUCTION SLEEVE	K10423346131292	KPS 50	50	80
BT50 040 x KPS6 REDUCTION SLEEVE	K10102204486562	KPS 63	63	40
BT50 050 x KPS6 REDUCTION SLEEVE	K10103179529796	KPS 63	63	50
BT50 090 x KPS6 REDUCTION SLEEVE	K10102204486563	KPS 63	63	90
BT50 100 x KPS6 REDUCTION SLEEVE	K10103927529796	KPS 63	63	100
BT50 070 x KPS8 REDUCTION SLEEVE	K10425346125292	KPS 80	80	70
BT50 120 x KPS8 REDUCTION SLEEVE	K10425346162292	KPS 80	80	120
BT50 140 x KPS8X REDUCTION SLEEVE	K10103182529796	KPS 80X	100	140

REDUCTION SLEEVE
SK (DIN 69871) x KPS (ISO 26623-1)

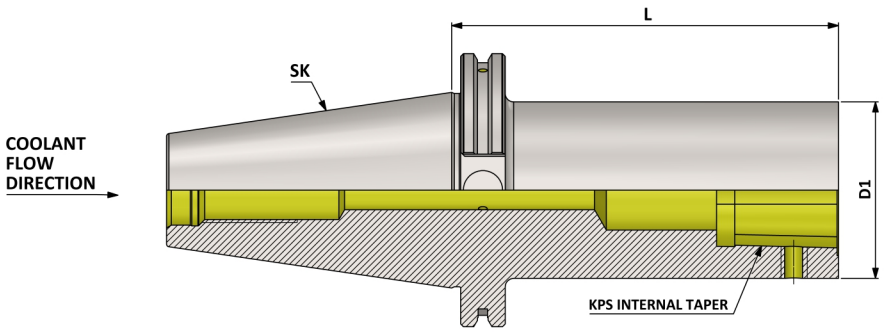
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



Reduction Sleeve SK (DIN 69871) x KPS (ISO 26623-1)				
Item Name	**Item Code**	**KPS**	**D1**	**L**
SK40 030 x KPS3 REDUCTION SLEEVE	K10421347254292	KPS 32	32	30
SK40 060 x KPS3 REDUCTION SLEEVE	K10421347952292	KPS 32	32	60
SK40 030 x KPS4 REDUCTION SLEEVE	K10422347254292	KPS 40	40	30
SK40 040 x KPS4 REDUCTION SLEEVE	K10104176529796	KPS 40	40	40
SK40 060 x KPS4 REDUCTION SLEEVE	K10422347952292	KPS 40	40	60
SK40 030 x KPS5 REDUCTION SLEEVE	K10423347254292	KPS 50	50	30
SK40 050 x KPS5 REDUCTION SLEEVE	K10104178529796	KPS 50	50	50
SK40 070 x KPS5 REDUCTION SLEEVE	K10423347125292	KPS 50	50	70
SK40 085 x KPS6 REDUCTION SLEEVE	K10104205856292	KPS 63	63	85

REDUCTION SLEEVE
SK (DIN 69871) x KPS (ISO 26623-1)

Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied

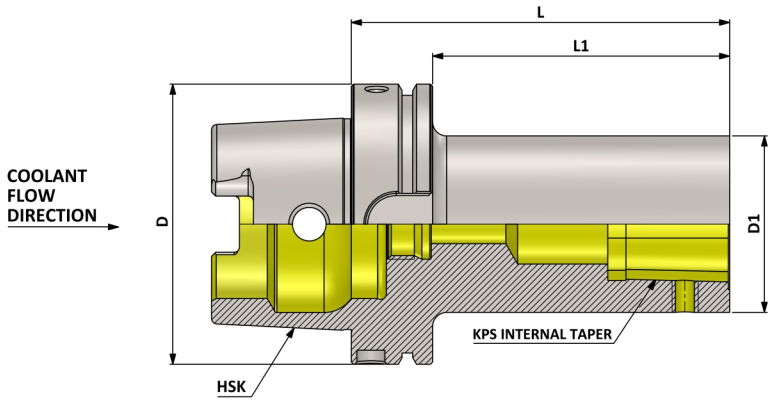


Reduction Sleeve SK (DIN 69871) x KPS (ISO 26623-1)

Item Name	Item Code	KPS	D1	L
SK50 030 x KPS3 REDUCTION SLEEVE	K10421348254292	KPS 32	32	30
SK50 060 x KPS3 REDUCTION SLEEVE	K10421348952292	KPS 32	32	60
SK50 030 x KPS4 REDUCTION SLEEVE	K10422348254292	KPS 40	40	30
SK50 060 x KPS4 REDUCTION SLEEVE	K10422348952292	KPS 40	40	60
SK50 030 x KPS5 REDUCTION SLEEVE	K10423348254292	KPS 50	50	30
SK50 070 x KPS5 REDUCTION SLEEVE	K10423348125292	KPS 50	50	70
SK50 030 x KPS6 REDUCTION SLEEVE	K10104205486127	KPS 63	63	30
SK50 050 x KPS6 REDUCTION SLEEVE	K10105179529796	KPS 63	63	50
SK50 080 x KPS6 REDUCTION SLEEVE	K10104205486562	KPS 63	63	80
SK50 100 x KPS6 REDUCTION SLEEVE	K10105927529796	KPS 63	63	100
SK50 070 x KPS8 REDUCTION SLEEVE	K10425348125292	KPS 80	80	70
SK50 120 x KPS8 REDUCTION SLEEVE	K10425348162292	KPS 80	80	120
SK50 140 x KPS8x REDUCTION SLEEVE	K10105182529796	KPS 80X	100	140

REDUCTION SLEEVE
HSK-A (DIN 69893-1) x KPS (ISO 26623-1)

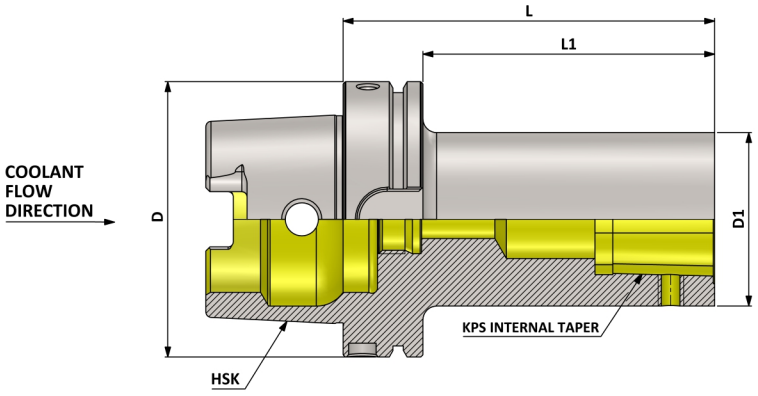
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



REDUCTION SLEEVE HSK-A (DIN 69893-1) x KPS (ISO 26623-1)						
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**
HSK-A 63 075 x KPS3 REDUCTION SLEEVE	K10316204486127	KPS 32	63	32	75	49
HSK-A 63 080 x KPS4 REDUCTION SLEEVE	K10316204486562	KPS 40	63	40	80	54
HSK-A 63 090 x KPS5 REDUCTION SLEEVE	K10423598140292	KPS 50	63	50	90	64
HSK-A 63 090 x KPS6 REDUCTION SLEEVE	K10305179529796	KPS 63	63	63	90	64
HSK-A 100 080 x KPS3 REDUCTION SLEEVE	K10421462131292	KPS 32	100	32	80	51
HSK-A 100 090 x KPS4 REDUCTION SLEEVE	K10422462140292	KPS 40	100	40	90	61
HSK-A 100 100 x KPS5 REDUCTION SLEEVE	K10423462148292	KPS 50	100	50	100	71
HSK-A 100 110 x KPS6 REDUCTION SLEEVE	K10419462156292	KPS 63	100	63	110	81
HSK-A 100 120 x KPS8 REDUCTION SLEEVE	K10425462162292	KPS 80	100	80	120	91

REDUCTION SLEEVE
HSK-T (DIN 69893-7) x KPS (ISO 26623-1)

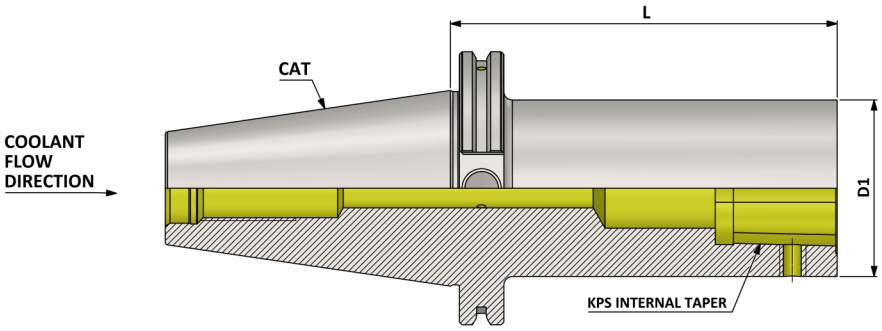
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



REDUCTION SLEEVE HSK-T (DIN 69893-7) x KPS (ISO 26623-1)						
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**
HSK-T 63 075 X KPS3 REDUCTION SLEEVE	K10134177529796	KPS 32	63	32	75	49
HSK-T 63 080 X KPS4 REDUCTION SLEEVE	K10134179529796	KPS 40	63	40	80	54
HSK-T 63 090 X KPS5 REDUCTION SLEEVE	K10134180529796	KPS 50	63	50	90	64
HSK-T 63 110 X KPS6 REDUCTION SLEEVE	K10134181529796	KPS 63	63	63	110	84
HSK-T 100 080 X KPS3 REDUCTION SLEEVE	K10106177529796	KPS 32	100	32	80	51
HSK-T 100 090 X KPS4 REDUCTION SLEEVE	K10106179529796	KPS 40	100	40	90	61
HSK-T 100 100 X KPS5 REDUCTION SLEEVE	K10106180529796	KPS 50	100	50	100	71
HSK-T 100 110 X KPS6 REDUCTION SLEEVE	K10168208856127	KPS 63	100	63	110	81
HSK-T 100 120 X KPS8 REDUCTION SLEEVE	K10106181529796	KPS 80	100	80	120	91

REDUCTION SLEEVE
CAT (ANSI B 5.50) x KPS (ISO 26623-1)

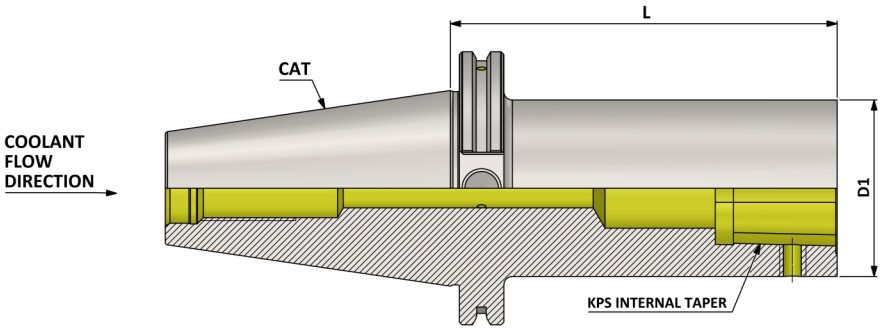
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



Reduction Sleeve CAT (ANSI B 5.50) x KPS (ISO 26623-1)				
Item Name	**Item Code**	**KPS**	**D1**	**L**
CAT40 030 x KPS3 REDUCTION SLEEVE	K10203227486127	KPS 32	32	30
CAT40 060 x KPS3 REDUCTION SLEEVE	K10203203486127	KPS 32	32	60
CAT40 030 x KPS4 REDUCTION SLEEVE	K10203518254292	KPS 40	40	30
CAT40 060 x KPS4 REDUCTION SLEEVE	K10203518952292	KPS 40	40	60
CAT40 030 x KPS5 REDUCTION SLEEVE	K10203466254292	KPS 50	50	30
CAT40 070 x KPS5 REDUCTION SLEEVE	K10203466125292	KPS 50	50	70
CAT40 085 x KPS6 REDUCTION SLEEVE	K10203463162292	KPS 63	63	85

REDUCTION SLEEVE
CAT (ANSI B 5.50) x KPS (ISO 26623-1)

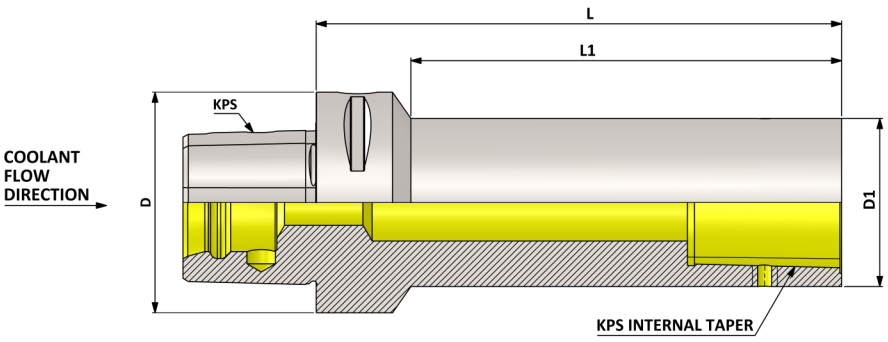
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



Reduction Sleeve CAT (ANSI B 5.50) x KPS (ISO 26623-1)				
Item Name	**Item Code**	**KPS**	**D1**	**L**
CAT50 030 x KPS3 REDUCTION SLEEVE	K10204227486127	KPS 32	32	30
CAT50 060 x KPS3 REDUCTION SLEEVE	K10204203486127	KPS 32	32	60
CAT50 030 x KPS4 REDUCTION SLEEVE	K10204518254292	KPS 40	40	30
CAT50 060 x KPS4 REDUCTION SLEEVE	K10204518952292	KPS 40	40	60
CAT50 030 x KPS5 REDUCTION SLEEVE	K10204466254292	KPS 50	50	30
CAT50 070 x KPS5 REDUCTION SLEEVE	K10204466125292	KPS 50	50	70
CAT50 030 x KPS6 REDUCTION SLEEVE	K10204463254292	KPS 63	63	30
CAT50 080 x KPS6 REDUCTION SLEEVE	K10204463131292	KPS 63	63	80
CAT50 070 x KPS8 REDUCTION SLEEVE	K10204464125292	KPS 80	80	70
CAT50 120 x KPS8 REDUCTION SLEEVE	K10204464162292	KPS 80	80	120

KPS (ISO 26623-1)
Reduction Sleeve KPS x KPS

Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied

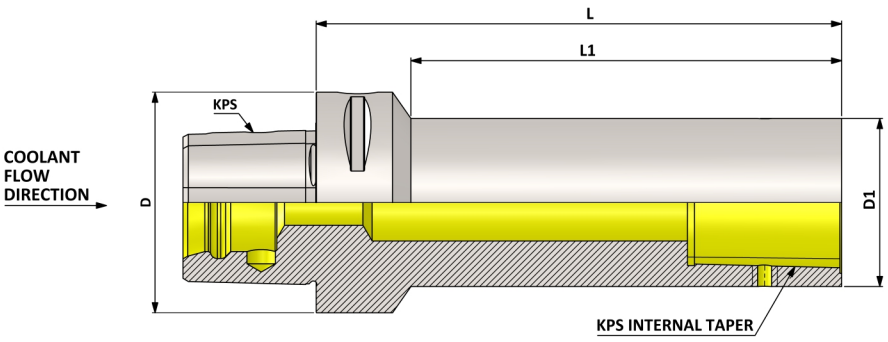


KPS x KPS Reduction Sleeve

Item Name	Item Code	KPS	D	D1	L	L1
KPS4 055 X KPS3 REDUCTION SLEEVE	K10101226235101	KPS 40	40	32	55	31
KPS4 120 X KPS3 REDUCTION SLEEVE	K10101227235101	KPS 40	40	32	120	95.7
KPS5 060 X KPS3 REDUCTION SLEEVE	K10102228235101	KPS 50	50	32	60	34.8
KPS5 120 X KPS3 REDUCTION SLEEVE	K10102227235101	KPS 50	50	32	120	94.4
KPS5 065 X KPS4 REDUCTION SLEEVE	K10102229235101	KPS 50	50	40	65	40
KPS5 140 X KPS4 REDUCTION SLEEVE	K10102230235101	KPS 50	50	40	140	115.5
KPS6 070 X KPS3 REDUCTION SLEEVE	K10103231235101	KPS 63	63	32	70	39
KPS6 125 X KPS3 REDUCTION SLEEVE	K10103232235101	KPS 63	63	32	125	95.6
KPS6 080 X KPS4 REDUCTION SLEEVE	K10103233235101	KPS 63	63	40	80	51.4
KPS6 145 X KPS4 REDUCTION SLEEVE	K10103234235101	KPS 63	63	40	145	116.7
KPS6 080 X KPS5 REDUCTION SLEEVE	K10103235235101	KPS 63	63	50	80	51.5
KPS6 175 X KPS5 REDUCTION SLEEVE	K10103236235101	KPS 63	63	50	175	148.1

KPS (ISO 26623-1)
Reduction Sleeve KPS x KPS

Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied

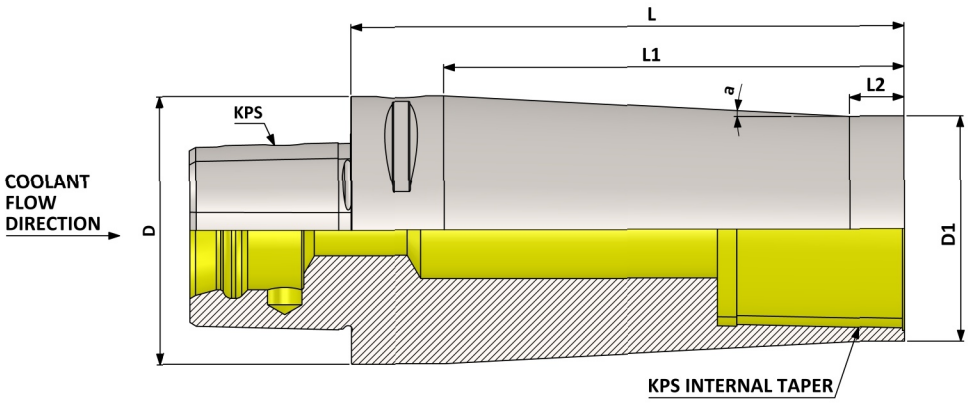


KPS x KPS Reduction Sleeve

Item Name	Item Code	KPS	D	D1	L	L1
KPS8 060 X KPS3 REDUCTION SLEEVE	K10104228235101	KPS 80	80	32	60	20.7
KPS8 135 X KPS3 REDUCTION SLEEVE	K10104237235101	KPS 80	80	32	135	95.7
KPS8 070 X KPS4 REDUCTION SLEEVE	K10104238235101	KPS 80	80	40	70	31.4
KPS8 155 X KPS4 REDUCTION SLEEVE	K10104239235101	KPS 80	80	40	155	116.4
KPS8 080 X KPS5 REDUCTION SLEEVE	K10104235235101	KPS 80	80	50	80	42.8
KPS8 185 X KPS5 REDUCTION SLEEVE	K10104240235101	KPS 80	80	50	185	147.8
KPS8 080 X KPS6 REDUCTION SLEEVE	K10104241235101	KPS 80	80	63	80	44.5
KPS8 120 X KPS6 REDUCTION SLEEVE	K10104227235101	KPS 80	80	63	120	89.2
KPS8 200 X KPS6 REDUCTION SLEEVE	K10104242235101	KPS 80	80	63	200	164.5
KPS8X 085 X KPS3 REDUCTION SLEEVE	K10424174529796	KPS80X	100	32	85	36.7
KPS8X 090 X KPS4 REDUCTION SLEEVE	K10424184529796	KPS80X	100	40	90	42.7
KPS8X 095 X KPS5 REDUCTION SLEEVE	K10424180529796	KPS80X	100	50	95	49.1
KPS8X 095 X KPS6 REDUCTION SLEEVE	K10424180486796	KPS80X	100	63	95	50.8
KPS8X 200 X KPS6 REDUCTION SLEEVE	K10424611529796	KPS80X	100	63	200	155.8
KPS8X 065 X KPS8 REDUCTION SLEEVE	K10424926529796	KPS80X	100	80	65	-
KPS8X 100 X KPS8 REDUCTION SLEEVE	K10424927529796	KPS80X	100	80	100	-
KPS8X 125 X KPS8 REDUCTION SLEEVE	K10424928529796	KPS80X	100	80	125	-
KPS8X 200 X KPS8 REDUCTION SLEEVE	K10424612529796	KPS80X	100	80	200	158.1

KPS (ISO 26623-1)
Reduction Sleeve KPS x KPS

Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied

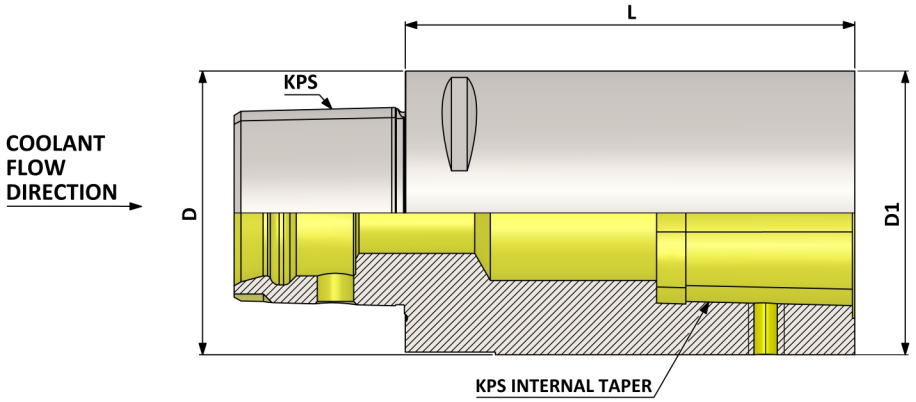


KPS x KPS Reduction Sleeve

Item Name	Item Code	KPS	D	D1	a	L	L1	L2
KPS4 070 X KPS3 6° REDUCTION SLEEVE	K10101249235101	KPS 40	40	32	6°	70	59.2	10
KPS5 150 X KPS3 4° REDUCTION SLEEVE	K10102250235101	KPS 50	50	32	4°	150	129.2	5
KPS5 085 X KPS4 5° REDUCTION SLEEVE	K10102251235101	KPS 50	50	40	5°	85	64.2	10
KPS6 185 X KPS3 6° REDUCTION SLEEVE	K10103252235101	KPS 63	63	32	6°	185	162.2	5
KPS6 185 X KPS4 4° REDUCTION SLEEVE	K10103253235101	KPS 63	63	40	4°	185	162.2	5
KPS6 110 X KPS5 5° REDUCTION SLEEVE	K10103254235101	KPS 63	63	50	5°	110	87.2	10
KPS8 200 X KPS4 7° REDUCTION SLEEVE	K10104255235101	KPS 80	80	40	7°	200	169.2	5
KPS8 200 X KPS5 5° REDUCTION SLEEVE	K10104257235101	KPS 80	80	50	5°	200	169.2	5

KPS (ISO 26623-1)
KPS x KPS Extension

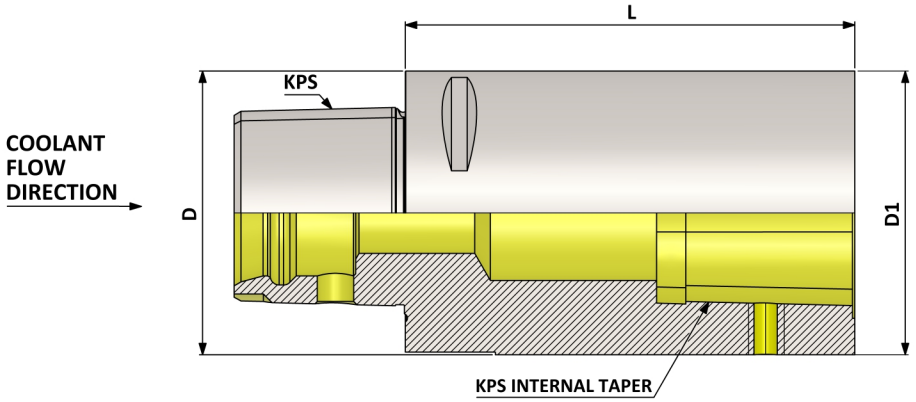
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied



KPS x KPS Extensions					
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**
KPS3 x KPS3 035 EXTENSION	K10421182124127	KPS 32	32	32	35
KPS3 x KPS3 060 EXTENSION	K10421182952127	KPS 32	32	32	60
KPS3 x KPS3 080 EXTENSION	K10421182131127	KPS 32	32	32	80
KPS3 x KPS3 095 EXTENSION	K10107259236101	KPS 32	32	32	95
KPS4 x KPS4 040 EXTENSION	K10422183541127	KPS 40	40	40	40
KPS4 x KPS4 060 EXTENSION	K10422183952127	KPS 40	40	40	60
KPS4 x KPS4 080 EXTENSION	K10422183131127	KPS 40	40	40	80
KPS4 x KPS4 120 EXTENSION	K10101256236101	KPS 40	40	40	120
KPS5 x KPS5 050 EXTENSION	K10423184960127	KPS 50	50	50	50
KPS5 x KPS5 080 EXTENSION	K10423184131127	KPS 50	50	50	80
KPS5 x KPS5 100 EXTENSION	K10423184148127	KPS 50	50	50	100
KPS5 x KPS5 150 EXTENSION	K10102261236101	KPS 50	50	50	150

KPS (ISO 26623-1)
KPS x KPS Extension

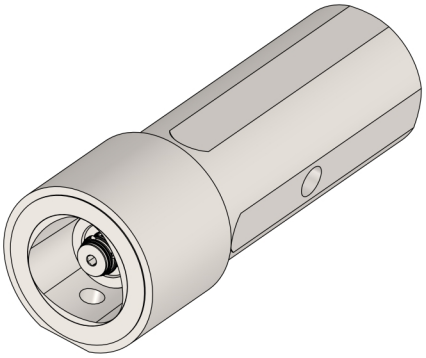
Maximum Runout of Internal Taper with respect to External Taper 0.005mm as supplied

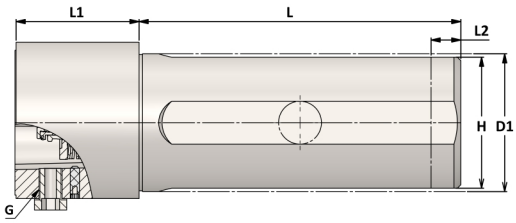


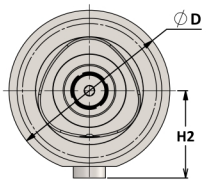
KPS x KPS Extensions					
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**
KPS6 x KPS6 060 EXTENSION	K10419205659127	KPS 63	63	63	60
KPS6 x KPS6 100 EXTENSION	K10419205320127	KPS 63	63	63	100
KPS6 x KPS6 140 EXTENSION	K10419206320127	KPS 63	63	63	140
KPS6 x KPS6 185 EXTENSION	K10103262236101	KPS 63	63	63	185
KPS8 x KPS8 065 EXTENSION	K10423187123127	KPS 80	80	80	65
KPS8 x KPS8 100 EXTENSION	K10423187148127	KPS 80	80	80	100
KPS8 x KPS8 125 EXTENSION	K10423187164127	KPS 80	80	80	125
KPS8 x KPS8 200 EXTENSION	K10104263236101	KPS 80	80	80	200
KPS8X x KPS8X 140 EXTENSION	K10424189169801	KPS 80X	100	100	140
KPS8X x KPS8X 200 EXTENSION	K10424189239801	KPS 80X	100	100	200

KPS (ISO 26623-1)
Reduction Sleeve Cylindrical Shank x KPS
Manual Clamping Unit (MCU : Collet Type)

Maximum Runout of Internal Taper with respect to External Diameter 0.005mm as supplied





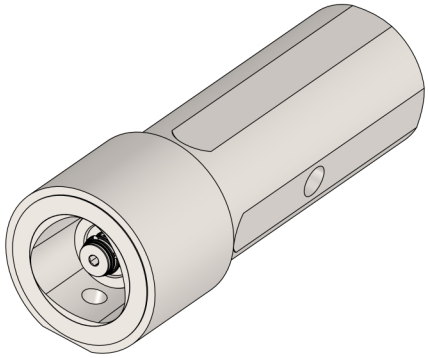


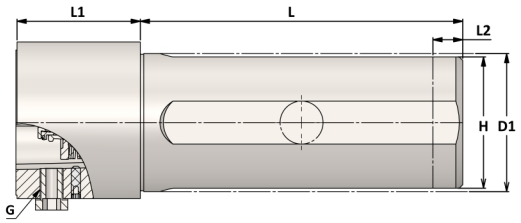
KPS (ISO 26623-1) (MCU : Collet Type)

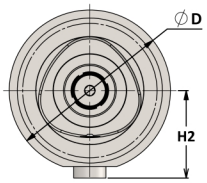
Item Name	Item Code	KPS	D	D1	L	L1	L2	H	H2	G
D32 KPS3 MCU 080 COLLET TYPE	K10121267278146	KPS 32	45.5	32	80	18	-	30	26	G 1/8
D40 KPS4 MCU 100 COLLET TYPE	K10122268279146	KPS 40	51.5	40	100	20	8	37	28	G 1/8
D40 KPS4 MCU 120 COLLET TYPE	K10122268280146	KPS 40	51.5	40	120	20	28	47	28	G 1/8
D50 KPS5 MCU 120 COLLET TYPE	K10123269280146	KPS 50	61.5	50	120	24	-	47	33	G 1/8
D50 KPS5 MCU 140 COLLET TYPE	K10123269281146	KPS 50	61.5	50	140	24	20	57	33	G 1/8

KPS (ISO 26623-1)
Reduction Sleeve Cylindrical Shank x KPS Centre Screw Locking Unit (MCU : CSL)

Maximum Runout of Internal Taper with respect to External Diameter 0.005mm as supplied

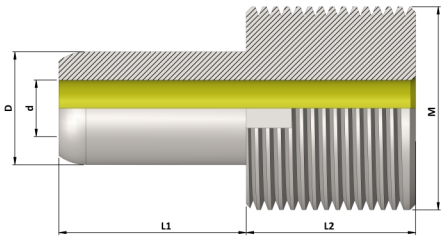






KPS (ISO 26623-1) (MCU : CSL)

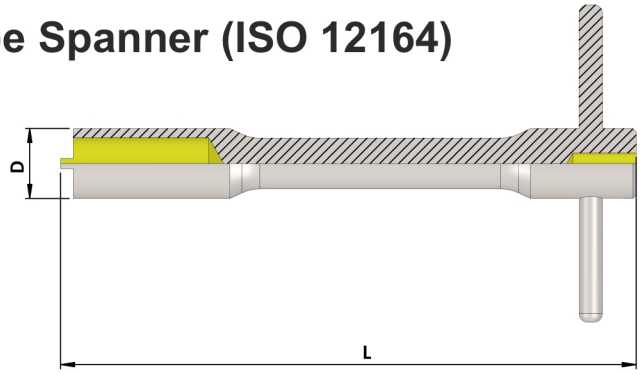
Item Name	Item Code	KPS	D	D1	L	L1	L2	H	H2	G
D32 KPS3 MCU 080 CSL	K10121267274145	KPS 32	45.5	32	80	18	20	30	26	G1/8
D40 KPS3 MCU 100 CSL	K10122267275145	KPS 32	45.5	40	100	18	10	37	26	G1/8
D40 KPS4 MCU 100 CSL	K10122268275145	KPS 40	51.5	40	100	20	20	37	28	G1/8
D50 KPS5 MCU 120 CSL	K10123269276145	KPS 50	61.5	50	120	24	-	47	33	G1/8



KPS x KPS Reduction Sleeve

Item Name	Item Code	KPS	d	D	L1	L2	M
KPS3 COOLANT TUBE	K10429232877796	KPS 32	3	5	12.2	10	M12
KPS4 COOLANT TUBE	K10422232877127	KPS 40	4	6	13.5	12	M14
KPS5 COOLANT TUBE	K10423232877127	KPS 50	5	7	14.4	14	M16
KPS6 COOLANT TUBE	K10419232877127	KPS 63	6	8	15.7	15	M20
KPS8 COOLANT TUBE	K10425232877127	KPS 80	8	10	16.6	15	M20

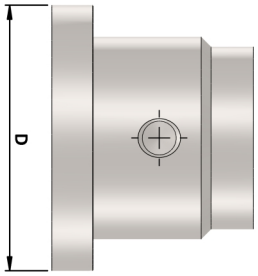
KPS Coolant tube Spanner (ISO 12164)



KPS Coolant Tube Spanner

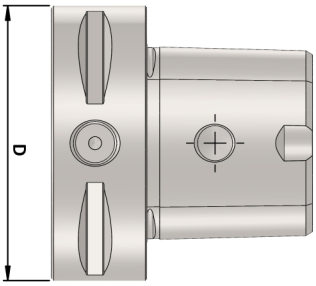
Item Name	Item Code	KPS	D	L
KPS3 COOLANT TUBE SPANNER	K10421233877127	KPS 32	8.5	115
KPS4 COOLANT TUBE SPANNER	K10422233877127	KPS 40	10.5	115
KPS5 COOLANT TUBE SPANNER	K10423233877127	KPS 50	14.5	115
KPS6 COOLANT TUBE SPANNER	K10419233877127	KPS 63	16.5	136
KPS8 COOLANT TUBE SPANNER	K10425233877127	KPS 80	18.5	136

KPS (ISO 26623-1)
Manual Cap



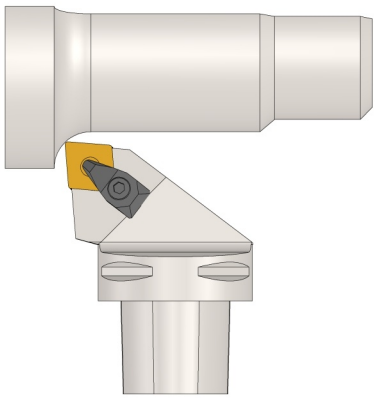
KPS (ISO 26623-1) Manual Cap			
Item Name	**Item Code**	**KPS**	**D**
KPS3 MANUAL CAP	K10421940147127	KPS 32	32
KPS4 MANUAL CAP	K10422940147127	KPS 40	40
KPS5 MANUAL CAP	K10423940147127	KPS 50	50
KPS6 MANUAL CAP	K10419940147127	KPS 63	63
KPS8 MANUAL CAP	K10425940147127	KPS 80	80
KPS8X MANUAL CAP	K10424925917796	KPS 80X	100

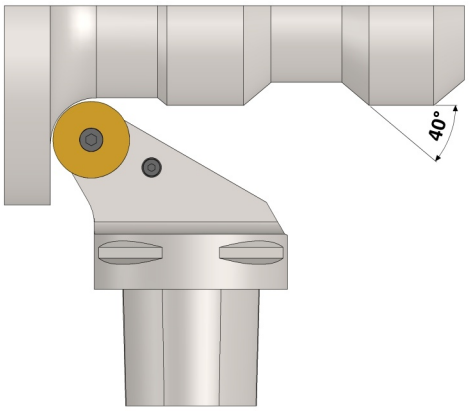
KPS (ISO 26623-1)
Automatic Cap

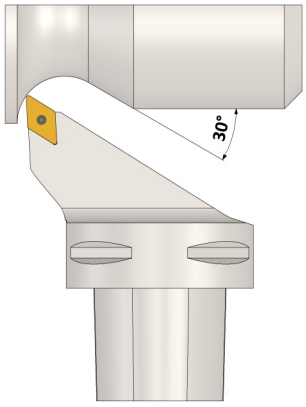


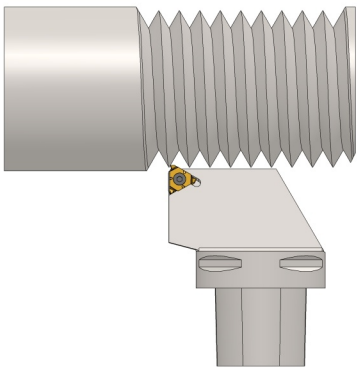
KPS (ISO 26623-1) Automatic Cap			
Item Name	**Item Code**	**KPS**	**D**
KPS4 AUTOMATIC CAP	K10422604147127	KPS 40	40
KPS5 AUTOMATIC CAP	K10423604147127	KPS 50	50
KPS6 AUTOMATIC CAP	K10419604147127	KPS 63	63
KPS8 AUTOMATIC CAP	K10425604147127	KPS 80	80

EXTERNAL TURNING TOOL



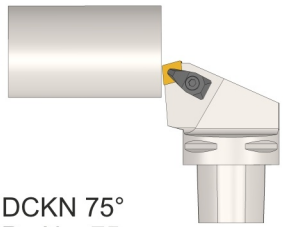
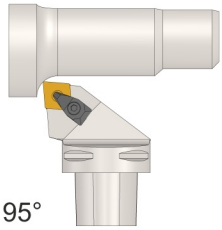
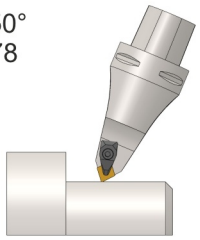
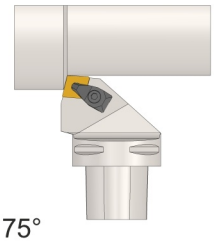
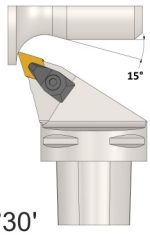
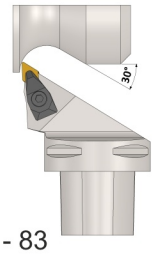
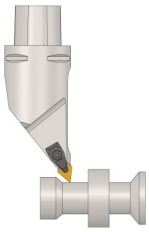
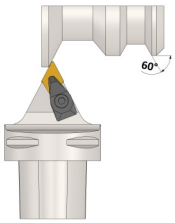
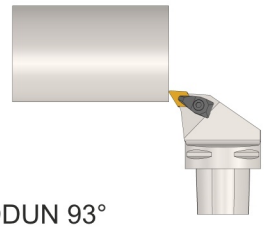
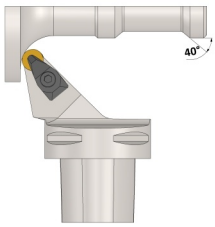
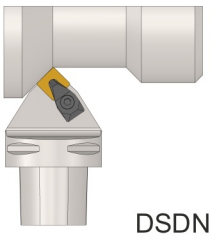
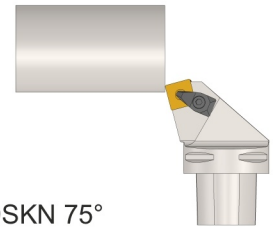
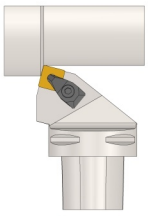
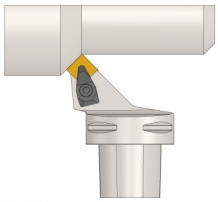
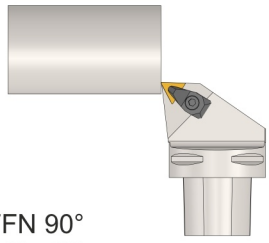
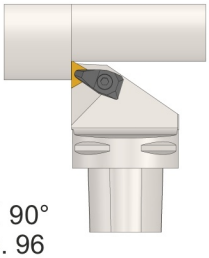
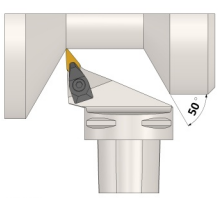
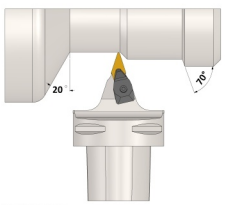
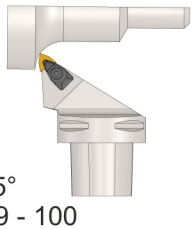




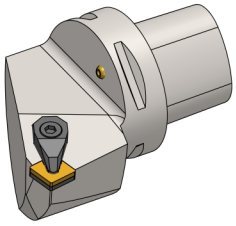


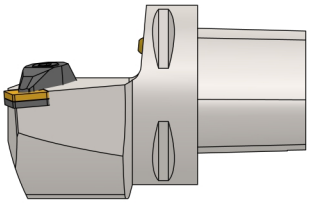
INDEX

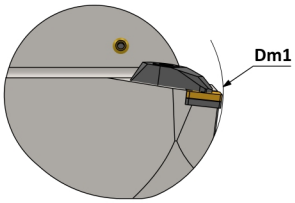
D-Type External Turning Tool

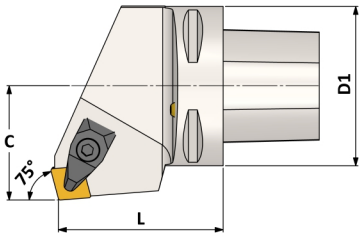
 DCKN 75° Pg No. 75	 DCLN 95° Pg No. 76 - 77	DCMN 50° Pg No. 78 	 DCRN 75° Pg No. 79 - 80
 DDHN 107°30' Pg No. 81	 DDJN 93° Pg No. 82 - 83	 DDMN 48° Pg No. 84	 DDNN 63° Pg No. 85
 DDUN 93° Pg No. 86	 DRSN Pg No. 87	 DSDN 45° Pg No. 88	 DSKN 75° Pg No. 89 - 90
 DSRN 75° Pg No. 91 - 92	 DSSN 45° Pg No. 93 - 94	 DTFN 90° Pg No. 95	 DTGN 90° Pg No. 96
 DVJN 93° Pg No. 97	 DVVN 72°30' Pg No. 98	 DWLN 95° Pg No. 99 - 100	

KPS (ISO 26623-1)
DCKN 75° EXTERNAL TURNING TOOL





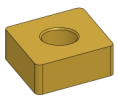
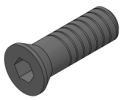
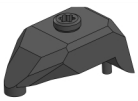




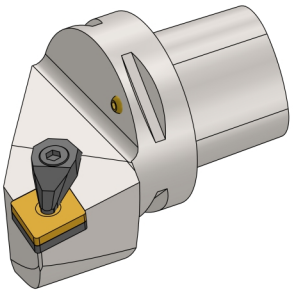
Rake Angle : -6°
Inclination Angle : -6°

DCKN 75°

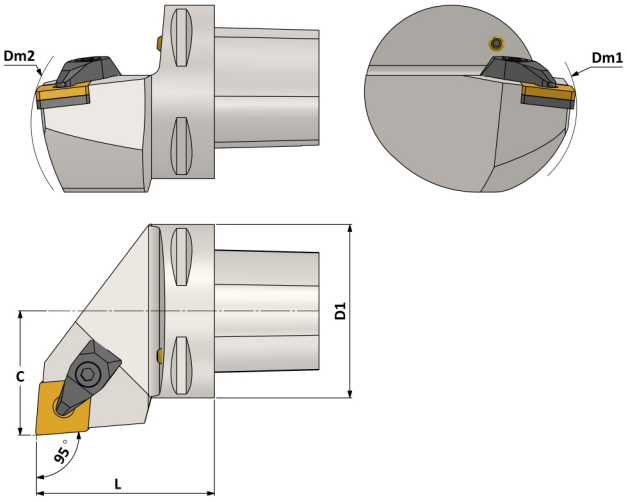
Item Name	Item Code	KPS	D1	Dm1 min.	L	C	INSERT
KPS4 DCKNL 12-050 27	K10101101153122	KPS 40	40	110	50	27	CN..1204..
KPS4 DCKNR 12-050 27	K10101102153122	KPS 40	40	110	50	27	CN..1204..
KPS4 DCKNL 16-050 27	K10101101186122	KPS 40	40	125	50	27	CN..1606..
KPS4 DCKNR 16-050 27	K10101102186122	KPS 40	40	125	50	27	CN..1606..
KPS5 DCKNL 12-060 35	K10102101156124	KPS 50	50	110	60	35	CN..1204..
KPS5 DCKNR 12-060 35	K10102102156124	KPS 50	50	110	60	35	CN..1204..
KPS5 DCKNL 16-060 35	K10102101188124	KPS 50	50	125	60	35	CN..1606..
KPS5 DCKNR 16-060 35	K10102102188124	KPS 50	50	125	60	35	CN..1606..
KPS6 DCKNL 12-065-45	K10103101158125	KPS 63	63	110	65	45	CN..1204..
KPS6 DCKNR 12-065-45	K10103102158125	KPS 63	63	110	65	45	CN..1204..
KPS6 DCKNL 16-065 45	K10103101191125	KPS 63	63	125	65	45	CN..1606..
KPS6 DCKNR 16-065 45	K10103102191125	KPS 63	63	125	65	45	CN..1606..
KPS6 DCKNL 19-065 45	K10103101216125	KPS 63	63	125	65	45	CN..1906..
KPS6 DCKNR 19-065 45	K10103102216125	KPS 63	63	125	65	45	CN..1906..
KPS8 DCKNL 19-080 55	K10104101218126	KPS 80	80	125	80	55	CN..1906..
KPS8 DCKNR 19-080 55	K10104102218126	KPS 80	80	125	80	55	CN..1906..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
CN..1204..	ICSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
CN..1606..	ICSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
CN..1906..	ICSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DCLN 95° EXTERNAL TURNING TOOL



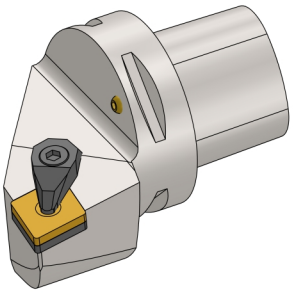
Rake Angle : -6°
Inclination Angle : -6°



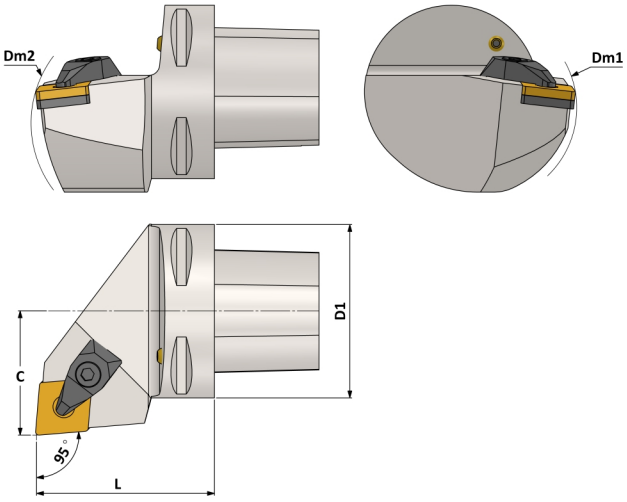
DCLN 95°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 DCLNL 09-040 22	K10107103120121	KPS 32	32	60	60	40	22	CN..0903..
KPS3 DCLNR 09-040 22	K10107104120121	KPS 32	32	60	60	40	22	CN..0903..
KPS3 DCLNL 12-045 22	K10107103151121	KPS 32	32	60	60	45	22	CN..1204..
KPS3 DCLNR 12-045 22	K10107104151121	KPS 32	32	60	60	45	22	CN..1204..
KPS4 DCLNL 09-050 27	K10101103121122	KPS 40	40	60	60	50	27	CN..0903..
KPS4 DCLNR 09-050 27	K10101104121122	KPS 40	40	60	60	50	27	CN..0903..
KPS4 DCLNL 12-050 27	K10101103153122	KPS 40	40	110	110	50	27	CN..1204..
KPS4 DCLNR 12-050 27	K10101104153122	KPS 40	40	110	110	50	27	CN..1204..
KPS4 DCLNL 16-055 27	K10101103187122	KPS 40	40	125	125	55	27	CN..1606..
KPS4 DCLNR 16-055 27	K10101104187122	KPS 40	40	125	125	55	27	CN..1606..
KPS5 DCLNL 12-060 35	K10102103156124	KPS 50	50	110	110	60	35	CN..1204..
KPS5 DCLNR 12-060 35	K10102104156124	KPS 50	50	110	110	60	35	CN..1204..
KPS5 DCLNL 16-060 35	K10102103188124	KPS 50	50	125	125	60	35	CN..1606..
KPS5 DCLNR 16-060 35	K10102104188124	KPS 50	50	125	125	60	35	CN..1606..
KPS5 DCLNL 19-060 35	K10102103215124	KPS 50	50	125	125	60	35	CN..1906..
KPS5 DCLNR 19-060 35	K10102104215124	KPS 50	50	125	125	60	35	CN..1906..

KPS (ISO 26623-1)
DCLN 95° EXTERNAL TURNING TOOL

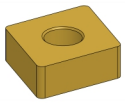
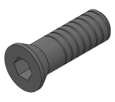
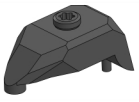


Rake Angle : -6°
Inclination Angle : -6°

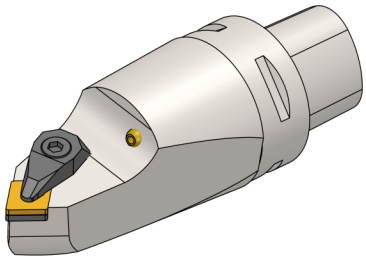


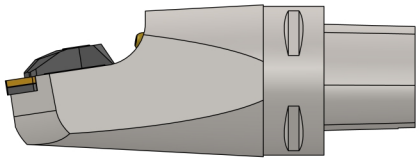
DCLN 95°

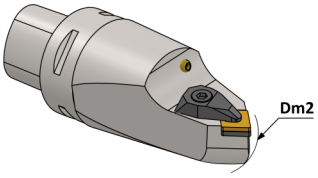
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS6 DCLNL 12-065 45	K10103103158125	KPS 63	63	110	110	65	45	CN..1204..
KPS6 DCLNR 12-065 45	K10103104158125	KPS 63	63	110	110	65	45	CN..1204..
KPS6 DCLNL 16-065 45	K10103103191125	KPS 63	63	125	125	65	45	CN..1606..
KPS6 DCLNR 16-065 45	K10103104191125	KPS 63	63	125	125	65	45	CN..1606..
KPS6 DCLNL 19-065 45	K10103103216125	KPS 63	63	125	125	65	45	CN..1906..
KPS6 DCLNR 19-065 45	K10103104216125	KPS 63	63	125	125	65	45	CN..1906..
KPS8 DCLNL 12-080 55	K10104103159126	KPS 80	80	110	110	80	55	CN..1204..
KPS8 DCLNR 12-080 55	K10104104159126	KPS 80	80	110	110	80	55	CN..1204..
KPS8 DCLNL 16-080 55	K10104103194126	KPS 80	80	125	125	80	55	CN..1606..
KPS8 DCLNR 16-080 55	K10104104194126	KPS 80	80	125	125	80	55	CN..1606..
KPS8 DCLNL 19-080 55	K10104103218126	KPS 80	80	125	125	80	55	CN..1906..
KPS8 DCLNR 19-080 55	K10104104218126	KPS 80	80	125	125	80	55	CN..1906..

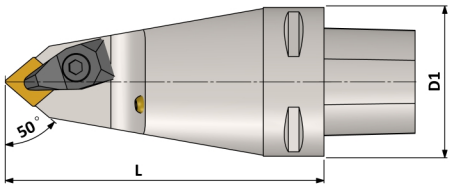
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
CN..0903..	ICSN332	KMSP39IP	SSP025016M	CM234R ASSY	KLM34L9IP
CN..1204..	ICSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
CN..1606..	ICSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
CN..1906..	ICSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DCMN 50° EXTERNAL TURNING TOOL





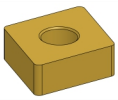
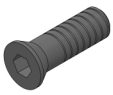
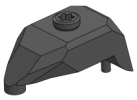




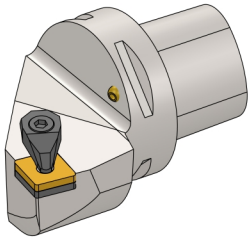
Rake Angle : -6°
Inclination Angle : -6°

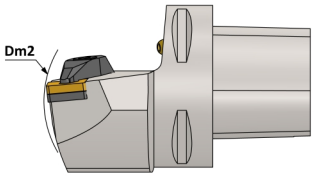
DCMN 50°

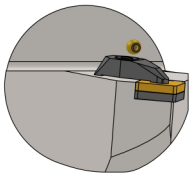
Item Name	Item Code	KPS	D1	Dm2 min	L	INSERT
KPS5 DCMNN 12-105	K10102105282101	KPS50	50	-	105	CN..1204..
KPS6 DCMNN 12-115	K10103105164101	KPS 63	63	110	115	CN..1204..
KPS6 DCMNN 12-090	K10103105160101	KPS 63	63	-	90	CN..1204..
KPS6 DCMNN 16-090	K10103105196101	KPS 63	63	-	90	CN..1606..
KPS8 DCMNN 16-150	K10104105205101	KPS 80	80	115	150	CN..1606..

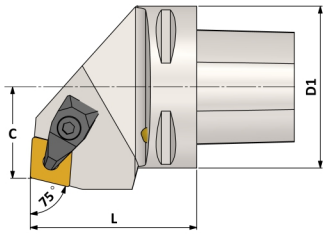
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
CN..1204..	ICSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
CN..1606..	ICSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP

KPS (ISO 26623-1)
DCRN 75° EXTERNAL TURNING TOOL







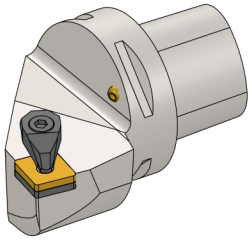


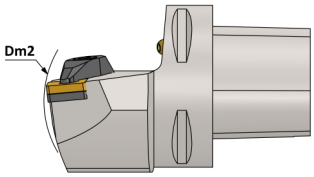
Rake Angle : -6°
Inclination Angle : -6°

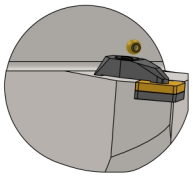
DCRN 75°

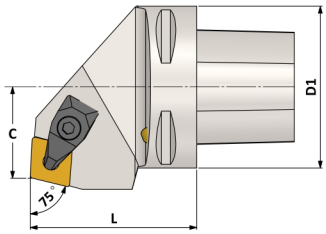
Item Name	Item Code	KPS	D1	Dm2 min.	L	C	INSERT
KPS4 DCRNL 12-050 22	K10101106153121	KPS 40	40	140	50	22	CN..1204..
KPS4 DCRNR 12-050 22	K10101107153121	KPS 40	40	140	50	22	CN..1204..
KPS5 DCRNL 12-060 27	K10102106156122	KPS 50	50	165	60	27	CN..1204..
KPS5 DCRNR 12-060 27	K10102107156122	KPS 50	50	165	60	27	CN..1204..
KPS5 DCRNL 16-060 27	K10102106188122	KPS 50	50	165	60	27	CN..1606..
KPS5 DCRNR 16-060 27	K10102107188122	KPS 50	50	165	60	27	CN..1606..
KPS5 DCRNL 19-060 27	K10102106215122	KPS 50	50	165	60	27	CN..1906..
KPS5 DCRNR 19-060 27	K10102107215122	KPS 50	50	165	60	27	CN..1906..
KPS6 DCRNL 12-065-35	K10103106158124	KPS 63	63	190	65	35	CN..1204..
KPS6 DCRNR 12-065 35	K10103107158124	KPS 63	63	190	65	35	CN..1204..
KPS6 DCRNL 16-065 35	K10103106191124	KPS 63	63	190	65	35	CN..1606..
KPS6 DCRNR 16-065 35	K10103107191124	KPS 63	63	190	65	35	CN..1606..
KPS6 DCRNL 19-065 35	K10103106216124	KPS 63	63	190	65	35	CN..1906..
KPS6 DCRNR 19-065 35	K10103107216124	KPS 63	63	190	65	35	CN..1906..

KPS (ISO 26623-1)
DCRN 75° EXTERNAL TURNING TOOL



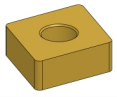
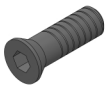
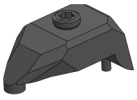




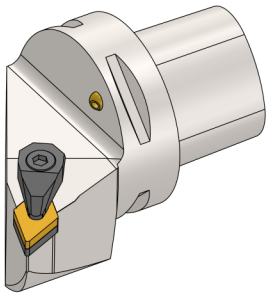


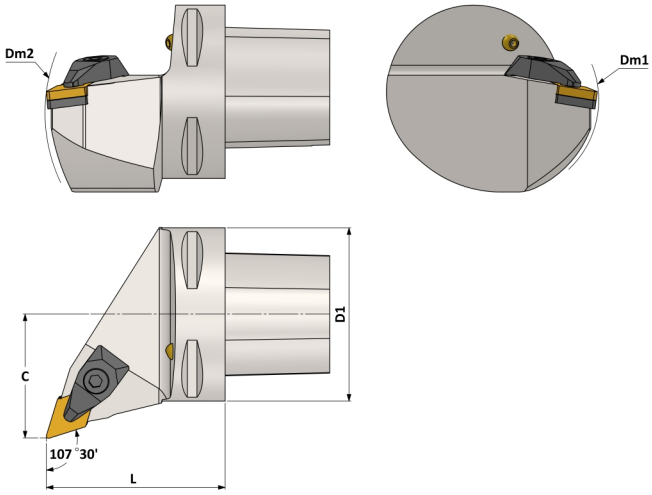
Rake Angle : -6°
Inclination Angle : -6°

DCRN 75°							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min.**	**L**	**C**	**INSERT**
KPS8 DCRNL 16-080 55	K10104106194126	KPS 80	80	250	80	55	CN..1606..
KPS8 DCRNR 16-080 55	K10104107194126	KPS 80	80	250	80	55	CN..1606..
KPS8 DCRNL 19-080 55	K10104106218126	KPS 80	80	250	80	55	CN..1906..
KPS8 DCRNR 19-080 55	K10104107218126	KPS 80	80	250	80	55	CN..1906..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
CN..1204..	ICSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
CN..1606..	ICSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
CN..1906..	ICSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DDHN 107° 30' EXTERNAL TURNING TOOL

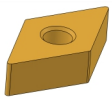
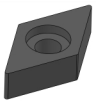
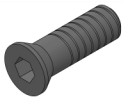
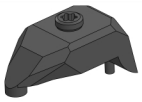




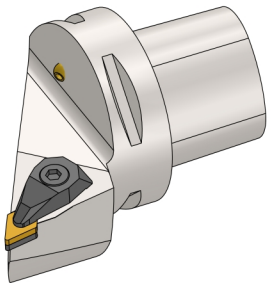
Rake Angle : -6°
Inclination Angle : -7°

DDHN 107° 30'

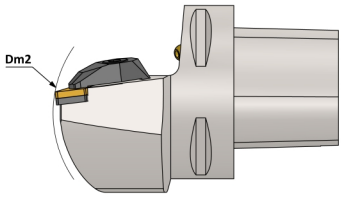
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 DDHNL 15-55 27	K10101108170122	KPS 40	40	110	145	55	27	DN..1506..
KPS4 DDHNR 15-55 27	K10101109170122	KPS 40	40	110	145	55	27	DN..1506..
KPS5 DDHNL 15-60 35	K10102108171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 DDHNR 15-60 35	K10102109171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 DDHNL 15-65 45	K10103108172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 DDHNR 15-65 45	K10103109172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 DDHNL 15-80 55	K10104108173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 DDHNR 15-80 55	K10104109173126	KPS 80	80	110	250	80	55	DN..1506..

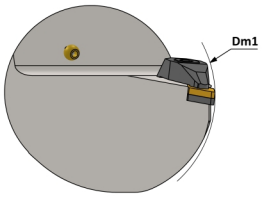
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

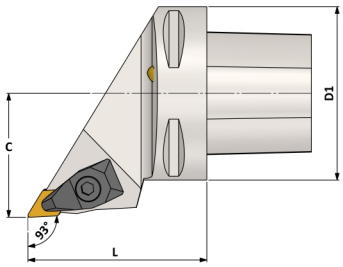
KPS (ISO 26623-1)
DDJN 93° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -7°



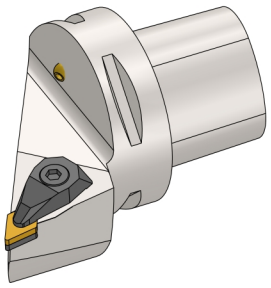




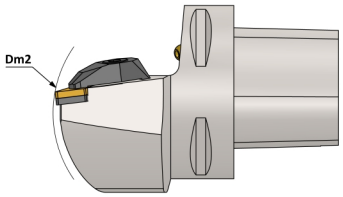
DDJN 93°

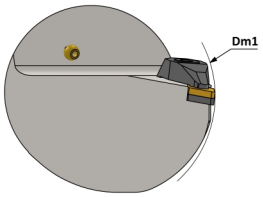
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 DDJNL 11-045 22	K10107110134121	KPS 32	32	60	121	45	22	DN..1104..
KPS3 DDJNR 11-045 22	K10107111134121	KPS 32	32	60	121	45	22	DN..1104..
KPS4 DDJNL 11-050 27	K10101110135122	KPS 40	40	60	140	50	27	DN..1104..
KPS4 DDJNR 11-050 27	K10101111135122	KPS 40	40	60	140	50	27	DN..1104..
KPS4 DDJNL 15-055 27	K10101110170122	KPS 40	40	110	145	55	27	DN..1506..
KPS4 DDJNR 15-055 27	K10101111170122	KPS 40	40	110	145	55	27	DN..1506..
KPS5 DDJNL 11-060 35	K10102110136124	KPS 50	50	65	165	60	35	DN..1104..
KPS5 DDJNR 11-060 35	K10102111136124	KPS 50	50	65	165	60	35	DN..1104..
KPS5 DDJNL 15-060 35	K10102110171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 DDJNR 15-060 35	K10102111171124	KPS 50	50	110	165	60	35	DN..1506..

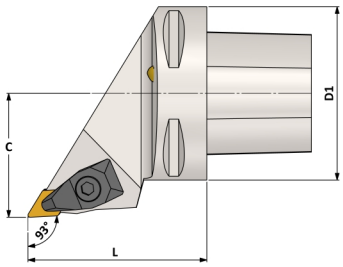
KPS (ISO 26623-1)
DDJN 93° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -7°

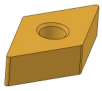
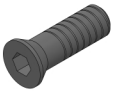
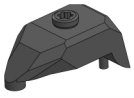




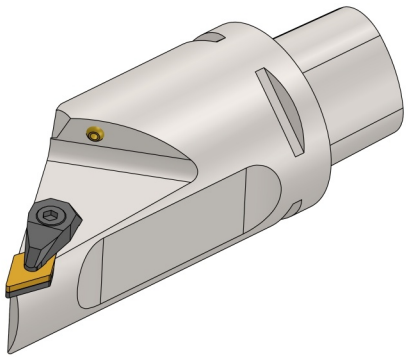


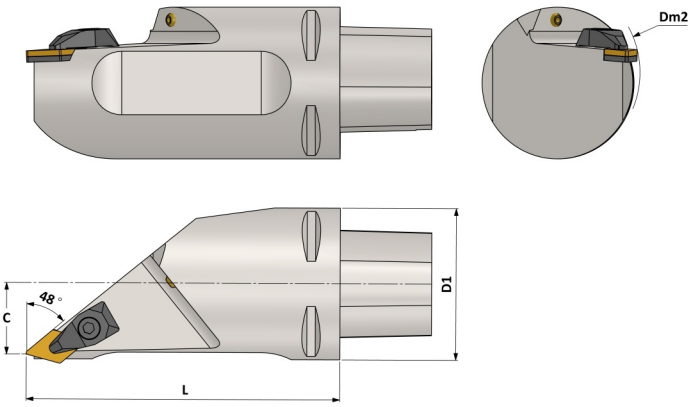
DDJN 93°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS6 DDJNL 11-065 45	K10103110138125	KPS 63	63	81	190	65	45	DN..1104..
KPS6 DDJNR 11-065 45	K10103111138125	KPS 63	63	81	190	65	45	DN..1104..
KPS6 DDJNL 15-065 45	K10103110172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 DDJNR 15-065 45	K10103111172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 DDJNL 15-080 55	K10104110173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 DDJNR 15-080 55	K10104111173126	KPS 80	80	110	250	80	55	DN..1506..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1104..	IDSN322	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

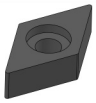
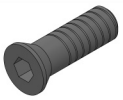
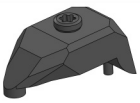
KPS (ISO 26623-1)
DDMN 48° EXTERNAL TURNING TOOL



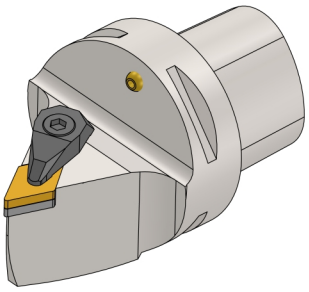


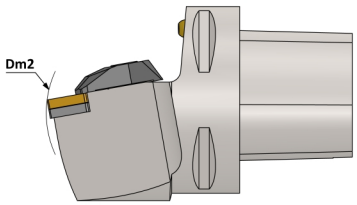
Rake Angle : -5°
Inclination Angle : -9°

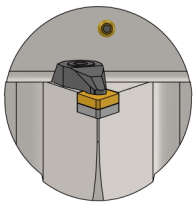
DDMN 48°							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min**	**L**	**C**	**INSERT**
KPS6 DDMNL 15-120 33	K10103112176123	KPS 63	63	130	120	33	DN..1506..
KPS6 DDMNR 15-120 33	K10103113176123	KPS 63	63	130	120	33	DN..1506..

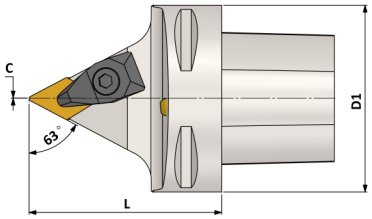
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

KPS (ISO 26623-1)
DDNN 63° EXTERNAL TURNING TOOL



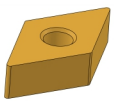
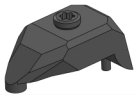




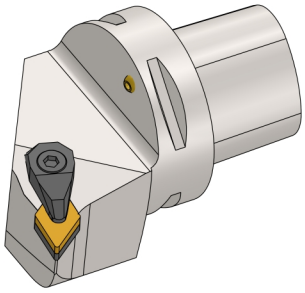


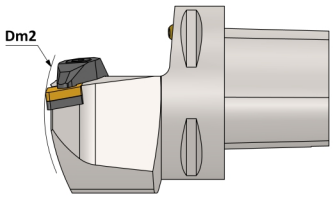
Rake Angle : -5°
Inclination Angle : -9°

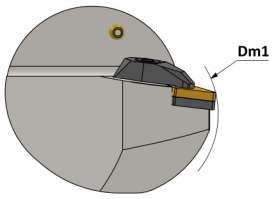
DDNN 63°							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min**	**L**	**C**	**INSERT**
KPS4 DDNNN 11-050 0.5	K10101114135103	KPS 40	40	140	50	0.5	DN..1104..
KPS4 DDNNN 15-055 0.5	K10101114170103	KPS 40	40	145	55	0.5	DN..1506..
KPS5 DDNNN 11-060 0.5	K10102114136103	KPS 50	50	165	60	0.5	DN..1104..
KPS5 DDNNN 15-060 0.5	K10102114171103	KPS 50	50	165	60	0.5	DN..1506..
KPS6 DDNNN 15-065 0.5	K10103114172103	KPS 63	63	190	65	0.5	DN..1506..
KPS8 DDNNN 15-080 0.5	K10104114173103	KPS 80	80	250	80	0.5	DN..1506..

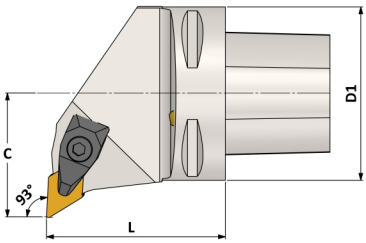
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1104..	IDSN322	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

KPS (ISO 26623-1)
DDUN 93° EXTERNAL TURNING TOOL





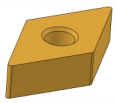
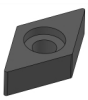




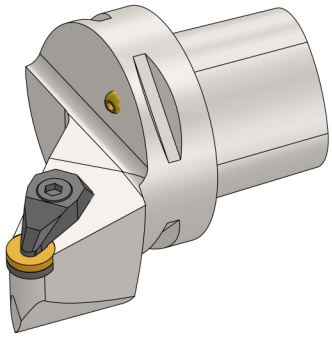
Rake Angle : -6°
Inclination Angle : -7°

DDUN 93°

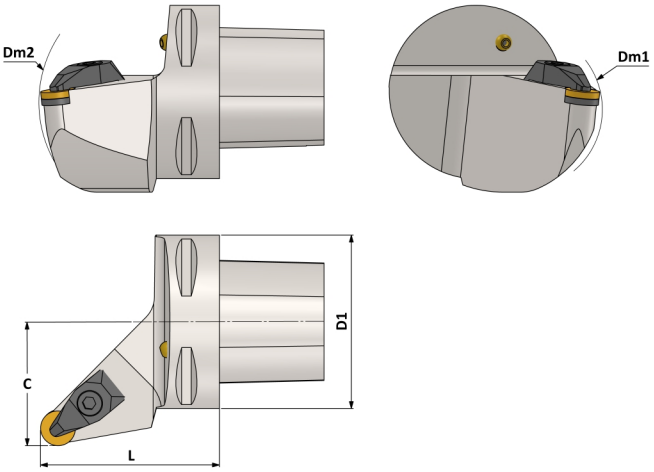
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 DDUNL 15-050 27	K10101115168122	KPS 40	40	110	140	50	27	DN..1506..
KPS4 DDUNR 15-050 27	K10101116168122	KPS 40	40	110	140	50	27	DN..1506..
KPS5 DDUNL 15-060 35	K10102115171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 DDUNR 15-060 35	K10102116171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 DDUNL 15-065 45	K10103115172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 DDUNR 15-065 45	K10103116172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 DDUNL 15-080 55	K10104115173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 DDUNR 15-080 55	K10104116173126	KPS 80	80	110	250	80	55	DN..1506..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

KPS (ISO 26623-1)
DRSN EXTERNAL TURNING TOOL

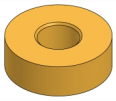
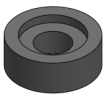
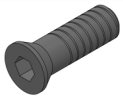
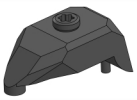


Rake Angle : -6°
Inclination Angle : -6°

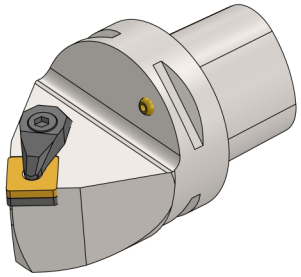


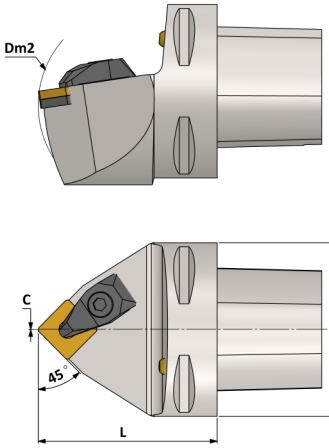
DRSN

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 DRSNL 12-050 27	K10101117153122	KPS 40	40	110	140	50	27	RNMG..1204..
KPS4 DRSNR 12-050 27	K10101118153122	KPS 40	40	110	140	50	27	RNMG..1204..
KPS5 DRSNL 12-060 35	K10102117156124	KPS 50	50	110	165	60	35	RNMG..1204..
KPS5 DRSNR 12-060 35	K10102118156124	KPS 50	50	110	165	60	35	RNMG..1204..
KPS6 DRSNL 12-065 45	K10103117158125	KPS 63	63	110	190	65	45	RNMG..1204..
KPS6 DRSNR 12-065 45	K10103118158125	KPS 63	63	110	190	65	45	RNMG..1204..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
RNMG..1204..	IRSN44	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

KPS (ISO 26623-1)
DSDN 45° EXTERNAL TURNING TOOL

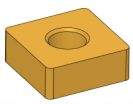
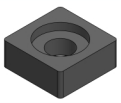
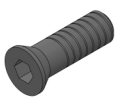




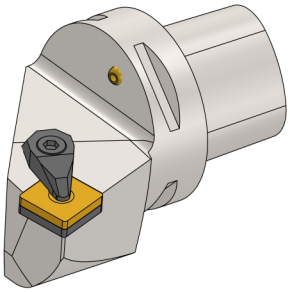
Rake Angle : -6°
Inclination Angle : -6°

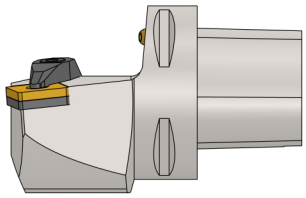
DSDN 45°

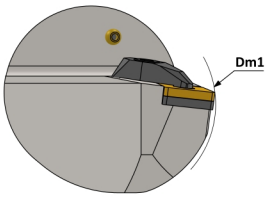
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 DSDNN 12-048 0.3	K10107119152102	KPS 32	32	124	48	0.3	SN..1204..
KPS4 DSDNN 12-050 0.3	K10101119153102	KPS 40	40	140	50	0.3	SN..1204..
KPS5 DSDNN 12-060 0.3	K10102119156102	KPS 50	50	165	60	0.3	SN..1204..
KPS5 DSDNN 15-060 0.5	K10102119171103	KPS 50	50	165	60	0.5	SN..1506..
KPS5 DSDNN 19-065 0.5	K10102119216103	KPS 50	50	170	65	0.5	SN..1906..
KPS6 DSDNN 12-065 0.3	K10103119158102	KPS 63	63	190	65	0.3	SN..1204..
KPS6 DSDNN 15-065 0.5	K10103119172103	KPS 63	63	190	65	0.5	SN..1506..
KPS6 DSDNN 19-070 0.5	K10103119217103	KPS 63	63	195	70	0.5	SN..1906..

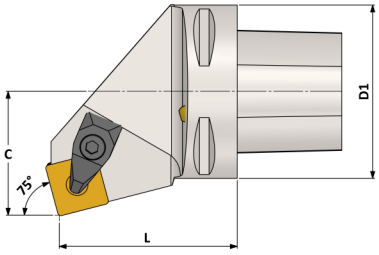
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
SN..1204..	ISSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
SN..1506..	ISSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
SN..1906..	ISSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DSKN 75° EXTERNAL TURNING TOOL







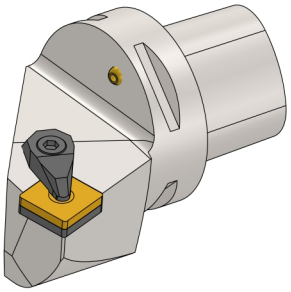


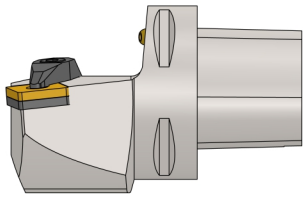
Rake Angle : -6°
Inclination Angle : -6°

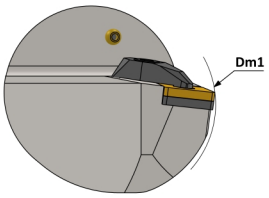
DSKN 75°

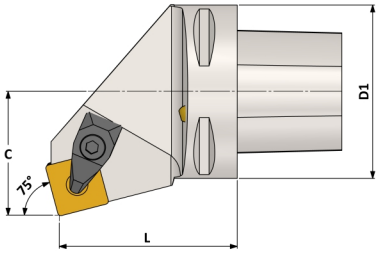
Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS3 DSKNL 12-040 22	K10107120149121	KPS 32	32	60	40	22	SN..1204..
KPS3 DSKNR 12-040 22	K10107121149121	KPS 32	32	60	40	22	SN..1204..
KPS4 DSKNL 12-050 27	K10101120153122	KPS 40	40	110	50	27	SN..1204..
KPS4 DSKNR 12-050 27	K10101121153122	KPS 40	40	110	50	27	SN..1204..
KPS5 DSKNL 12-060 35	K10102120156124	KPS 50	50	110	60	35	SN..1204..
KPS5 DSKNR 12-060 35	K10102121156124	KPS 50	50	110	60	35	SN..1204..
KPS5 DSKNL 15-060 35	K10102120171124	KPS 50	50	125	60	35	SN..1506..
KPS5 DSKNR 15-060 35	K10102121171124	KPS 50	50	125	60	35	SN..1506..
KPS5 DSKNL 19-060 35	K10102120215124	KPS 50	50	125	60	35	SN..1906..
KPS5 DSKNR 19-060 35	K10102121215124	KPS 50	50	125	60	35	SN..1906..

KPS (ISO 26623-1)
DSKN 75° EXTERNAL TURNING TOOL





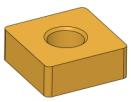
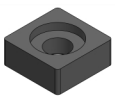
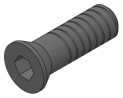
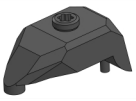




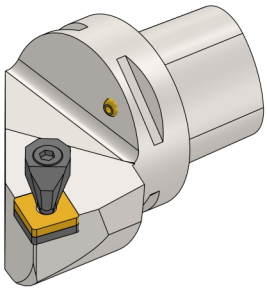
Rake Angle : -6°
Inclination Angle : -6°

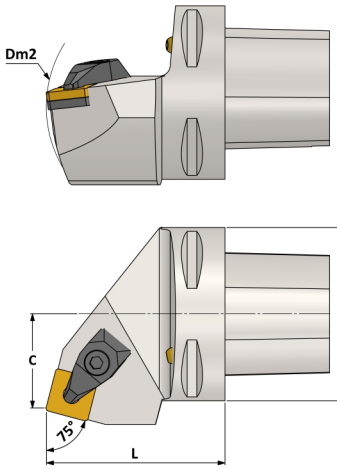
DSKN 75°

Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS6 DSKNL 12-065 45	K10103120158125	KPS 63	63	110	65	45	SN..1204..
KPS6 DSKNR 12-065 45	K10103121158125	KPS 63	63	110	65	45	SN..1204..
KPS6 DSKNL 15-065 45	K10103120172125	KPS 63	63	125	65	45	SN..1506..
KPS6 DSKNR 15-065 45	K10103121172125	KPS 63	63	125	65	45	SN..1506..
KPS6 DSKNL 19-065 45	K10103120216125	KPS 63	63	125	65	45	SN..1906..
KPS6 DSKNR 19-065 45	K10103121216125	KPS 63	63	125	65	45	SN..1906..
KPS8 DSKNL 19-080 55	K10104120218126	KPS 80	80	125	80	55	SN..1906..
KPS8 DSKNR 19-080 55	K10104121218126	KPS 80	80	125	80	55	SN..1906..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
SN..1204..	ISSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
SN..1506..	ISSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
SN..1906..	ISSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DSRN 75° EXTERNAL TURNING TOOL



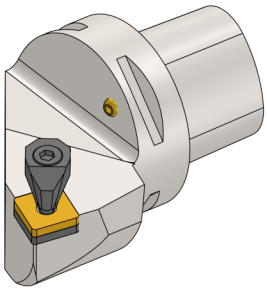


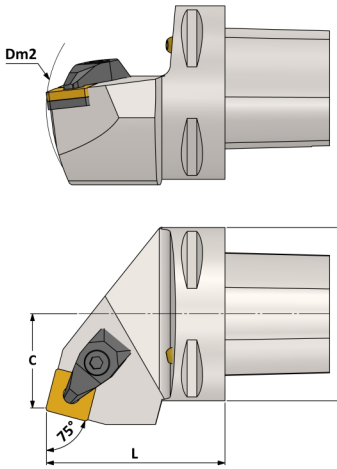
Rake Angle : -6°
Inclination Angle : -6°

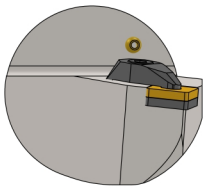
DSRN 75°

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 DSRNL 12-048 19	K10107122152120	KPS 32	32	124	48	19	SN..1204..
KPS3 DSRNR 12-048 19	K10107123152120	KPS 32	32	124	48	19	SN..1204..
KPS4 DSRNL 12-050 22	K10101122153121	KPS 40	40	140	50	22	SN..1204..
KPS4 DSRNR 12-050 22	K10101123153121	KPS 40	40	140	50	22	SN..1204..
KPS5 DSRNL 12-060 27	K10102122156122	KPS 50	50	165	60	27	SN..1204..
KPS5 DSRNR 12-060 27	K10102123156122	KPS 50	50	165	60	27	SN..1204..
KPS5 DSRNL 15-060 27	K10102122171122	KPS 50	50	165	60	27	SN..1506..
KPS5 DSRNR 15-060 27	K10102123171122	KPS 50	50	165	60	27	SN..1506..
KPS5 DSRNL 19-060 27	K10102122215122	KPS 50	50	165	60	27	SN..1906..
KPS5 DSRNR 19-060 27	K10102123215122	KPS 50	50	165	60	27	SN..1906..

KPS (ISO 26623-1)
DSRN 75° EXTERNAL TURNING TOOL



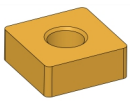
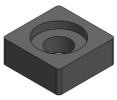
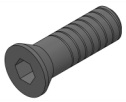
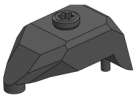




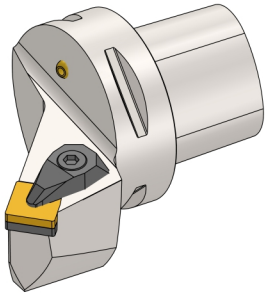
Rake Angle : -6°
Inclination Angle : -6°

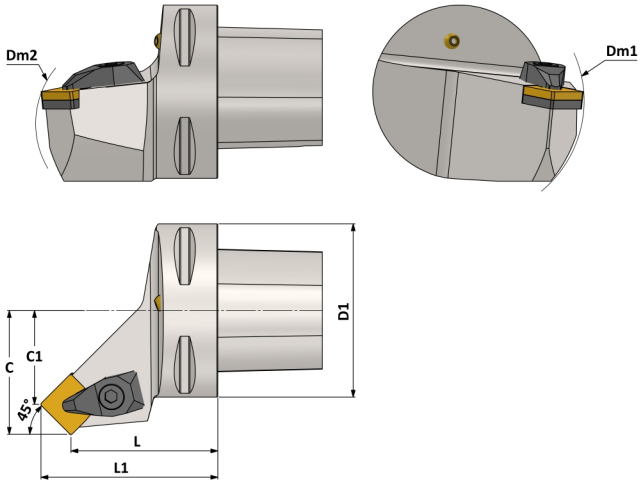
DSRN 75°

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS6 DSRNL 12-065 35	K10103122158124	KPS 63	63	190	65	35	SN..1204..
KPS6 DSRNR 12-065 35	K10103123158124	KPS 63	63	190	65	35	SN..1204..
KPS6 DSRNL 15-065 35	K10103122172124	KPS 63	63	190	65	35	SN..1506..
KPS6 DSRNR 15-065 35	K10103123172124	KPS 63	63	190	65	35	SN..1506..
KPS6 DSRNL 19-065 35	K10103122216124	KPS 63	63	190	65	35	SN..1906..
KPS6 DSRNR 19-065 35	K10103123216124	KPS 63	63	190	65	35	SN..1906..
KPS8 DSRNL 19-080 45	K10104122218125	KPS 80	80	250	80	45	SN..1906..
KPS8 DSRNR 19-080 45	K10104123218125	KPS 80	80	250	80	45	SN..1906..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
SN..1204..	ISSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
SN..1506..	ISSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
SN..1906..	ISSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DSSN 45° EXTERNAL TURNING TOOL



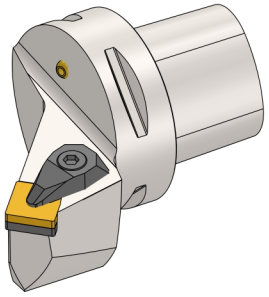


Rake Angle : -8°
Inclination Angle : 0°

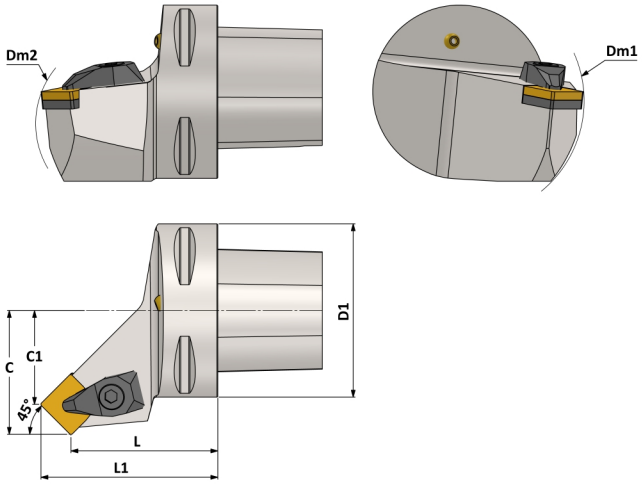
DSSN 45°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	L1	C	C1	INSERT
KPS3 DSSNL 12-040 22	K10107124149121	KPS 32	32	60	124	40	48.3	22	13.7	SN..1204..
KPS3 DSSNR 12-040 22	K10107125149121	KPS 32	32	60	124	40	48.3	22	13.7	SN..1204..
KPS4 DSSNL 12-042 27	K10101124150122	KPS 40	40	110	140	42	50.3	27	18.7	SN..1204..
KPS4 DSSNR 12-042 27	K10101125150122	KPS 40	40	110	140	42	50.3	27	18.7	SN..1204..
KPS4 DSSNL 15-045 27	K10101124167122	KPS 40	40	125	145	45	55.2	27	16.8	SN..1506..
KPS4 DSSNR 15-045 27	K10101125167122	KPS 40	40	125	145	45	55.2	27	16.8	SN..1506..
KPS5 DSSNL 12-052 35	K10102124154124	KPS 50	50	110	165	52	60.3	35	26.7	SN..1204..
KPS5 DSSNR 12-052 35	K10102125154124	KPS 50	50	110	165	52	60.3	35	26.7	SN..1204..
KPS5 DSSNL 15-050 35	K10102124168124	KPS 50	50	125	165	50	60.2	35	24.8	SN..1506..
KPS5 DSSNR 15-050 35	K10102125168124	KPS 50	50	125	165	50	60.2	35	24.8	SN..1506..
KPS5 DSSNL 19-048 35	K10102124213124	KPS 50	50	125	165	48	60.5	35	22.5	SN..1906..
KPS5 DSSNR 19-048 35	K10102125213124	KPS 50	50	125	165	48	60.5	35	22.5	SN..1906..

KPS (ISO 26623-1)
DSSN 45° EXTERNAL TURNING TOOL

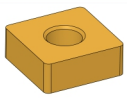
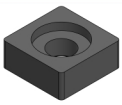
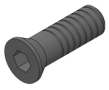
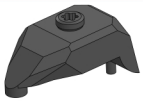


Rake Angle : -8°
Inclination Angle : 0°

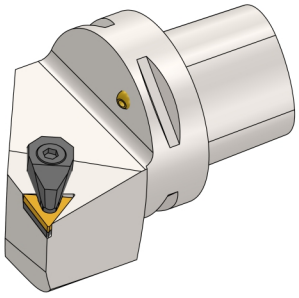


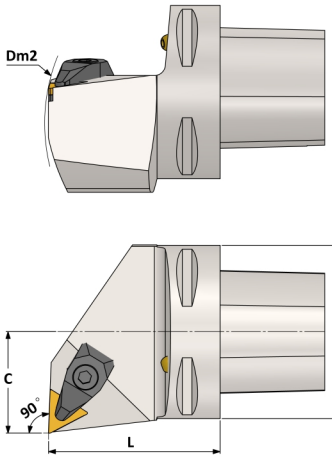
DSSN 45°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	L1	C	C1	INSERT
KPS6 DSSNL 12-056 45	K10103124155125	KPS 63	63	110	190	56	64.3	45	36.7	SN..1204..
KPS6 DSSNR 12-056 45	K10103125155125	KPS 63	63	110	190	56	64.3	45	36.7	SN..1204..
KPS6 DSSNL 15-054 45	K10103124169125	KPS 63	63	125	190	54	64.2	45	34.8	SN..1506..
KPS6 DSSNR 15-054 45	K10103125169125	KPS 63	63	125	190	54	64.2	45	34.8	SN..1506..
KPS6 DSSNL 19-052 45	K10103124214125	KPS 63	63	125	190	52	64.5	45	32.5	SN..1906..
KPS6 DSSNR 19-052 45	K10103125214125	KPS 63	63	125	190	52	64.5	45	32.5	SN..1906..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
SN..1204..	ISSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
SN..1506..	ISSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
SN..1906..	ISSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DTFN 90° EXTERNAL TURNING TOOL

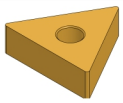
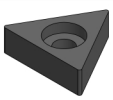
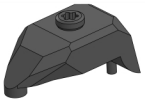




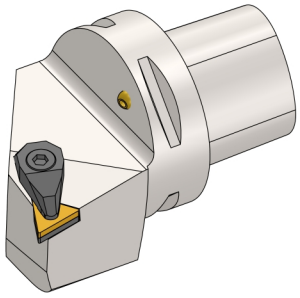
Rake Angle : -6°
Inclination Angle : -6°

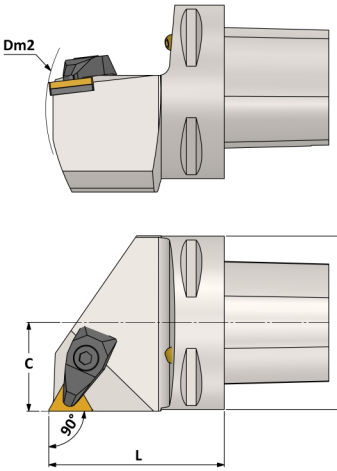
DTFN 90°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 DTFNL 16-040 22	K10107126185121	KPS 32	32	60	116	40	22	TN..1604..
KPS3 DTFNR 16-040 22	K10107127185121	KPS 32	32	60	116	40	22	TN..1604..
KPS4 DTFNL 16-050 27	K10101126186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 DTFNR 16-050 27	K10101127186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 DTFNL 22-050 27	K10101126223122	KPS 40	40	110	140	50	27	TN..2204..
KPS4 DTFNR 22-050 27	K10101127223122	KPS 40	40	110	140	50	27	TN..2204..
KPS5 DTFNL 16-060 35	K10102126188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 DTFNR 16-060 35	K10102127188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 DTFNL 22-060 35	K10102126224124	KPS 50	50	110	165	60	35	TN..2204..
KPS5 DTFNR 22-060 35	K10102127224124	KPS 50	50	110	165	60	35	TN..2204..
KPS6 DTFNL 16-065 45	K10103126191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 DTFNR 16-065 45	K10103127191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 DTFNL 22-065 45	K10103126225125	KPS 63	63	110	190	65	45	TN..2204..
KPS6 DTFNR 22-065 45	K10103127225125	KPS 63	63	110	190	65	45	TN..2204..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
TN..1604..	ITSN323	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
TN..2204..	ITSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

KPS (ISO 26623-1)
DTGN 90° EXTERNAL TURNING TOOL

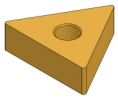
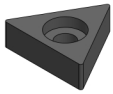
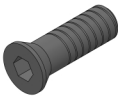
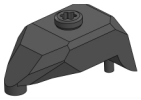




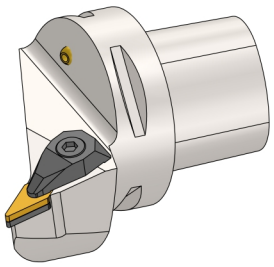
Rake Angle : -6°
Inclination Angle : -6°

DTGN 90°

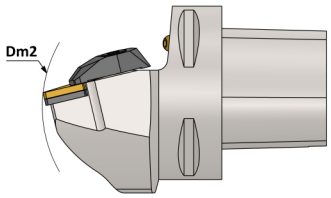
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 DTGNL 16-050 27	K10101128186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 DTGNR 16-050 27	K10101129186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 DTGNL 22-050 27	K10101128223122	KPS 40	40	110	140	50	27	TN..2204..
KPS4 DTGNR 22-050 27	K10101129223122	KPS 40	40	110	140	50	27	TN..2204..
KPS5 DTGNL 16-060 35	K10102128188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 DTGNR 16-060 35	K10102129188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 DTGNL 22-060 35	K10102128226124	KPS 50	50	110	165	60	35	TN..2204..
KPS5 DTGNR 22-060 35	K10102129226124	KPS 50	50	110	165	60	35	TN..2204..
KPS6 DTGNL 16-065 45	K10103128191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 DTGNR 16-065 45	K10103129191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 DTGNL 22-065 45	K10103128225125	KPS 63	63	110	190	65	45	TN..2204..
KPS6 DTGNR 22-065 45	K10103129225125	KPS 63	63	110	190	65	45	TN..2204..

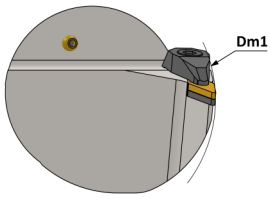
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
TN..1604..	ITSN323	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
TN..2204..	ITSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

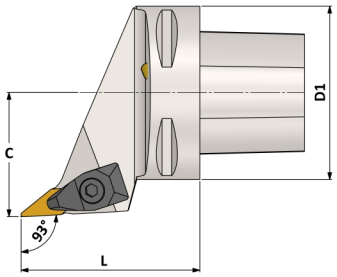
KPS (ISO 26623-1)
DVJN 93° EXTERNAL TURNING TOOL



Rake Angle : -4°
Inclination Angle : -13°

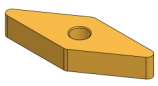
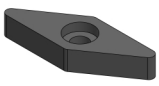
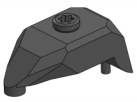




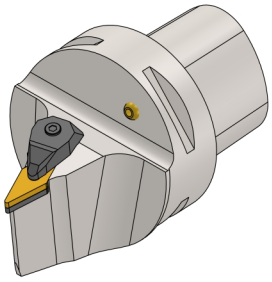


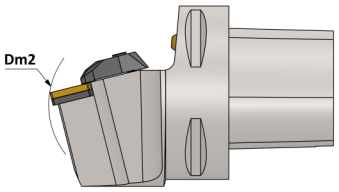
DVJN 93°

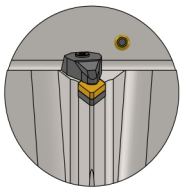
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 DVJNL16-062 27	K10101130189122	KPS 40	40	60	152	62	27	VN..1604..
KPS4 DVJNR16-062 27	K10101131189122	KPS 40	40	60	152	62	27	VN..1604..
KPS5 DVJNL16-065 35	K10102130191124	KPS 50	50	65	170	65	35	VN..1604..
KPS5 DVJNR16-065 35	K10102131191124	KPS 50	50	65	170	65	35	VN..1604..
KPS6 DVJNL16-065 45	K10103130191125	KPS 63	63	81	190	65	45	VN..1604..
KPS6 DVJNR16-065 45	K10103131191125	KPS 63	63	81	190	65	45	VN..1604..
KPS8 DVJNL16-080 55	K10104130194126	KPS 80	80	100	250	80	55	VN..1604..
KPS8 DVJNR16-080 55	K10104131194126	KPS 80	80	100	250	80	55	VN..1604..

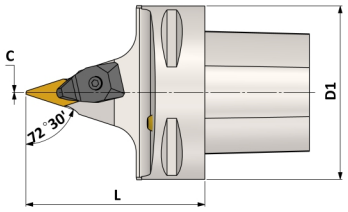
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
VN..1604..	IVSN322	KMSP315IP	SSP025016M	CM215R ASSY	KLM34L9IP

KPS (ISO 26623-1)
DVVN 72°30' EXTERNAL TURNING TOOL



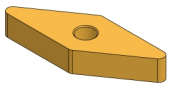
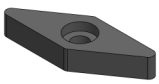
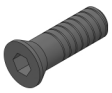
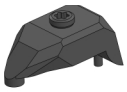




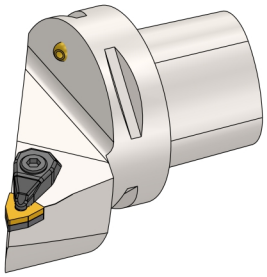


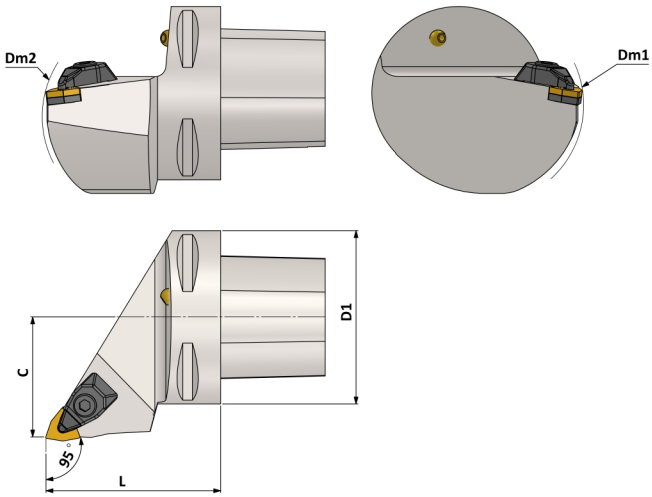
Rake Angle : -4°
Inclination Angle : -13°

DVVN 72°30'							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min**	**L**	**C**	**INSERT**
KPS4 DVVNN 16-062 0.6	K10101132189104	KPS 40	40	152	62	0.6	VN..1604..
KPS5 DVVNN 16-065 0.6	K10102132191104	KPS 50	50	170	65	0.6	VN..1604..
KPS6 DVVNN 16-065 0.6	K10103132191104	KPS 63	63	190	65	0.6	VN..1604..
KPS8 DVVNN 16-080 0.6	K10104132194104	KPS 80	80	250	80	0.6	VN..1604..

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
VN..1604..	IVSN322	KMSP315IP	SSP025016M	CM215R ASSY	KLM34L9IP

KPS (ISO 26623-1)
DWLN 95° EXTERNAL TURNING TOOL



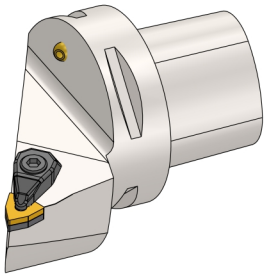


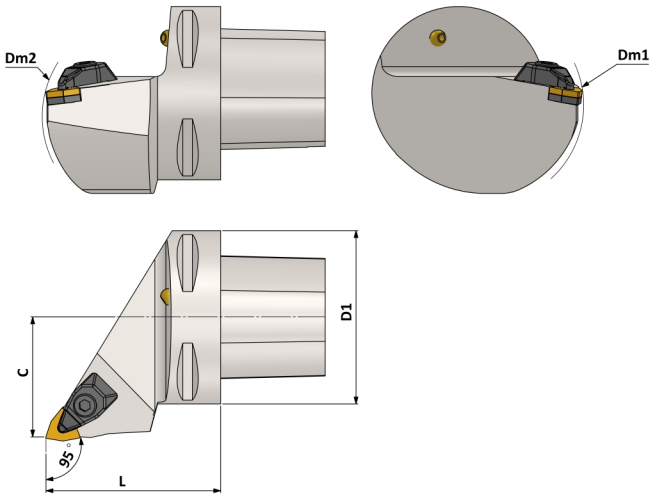
Rake Angle : -6°
Inclination Angle : -6°

DWLN 95°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 DWLNL 06-040 22	K10107133101121	KPS 32	32	60	116	40	22	WN..0604..
KPS3 DWLNR 06-040 22	K10107134101121	KPS 32	32	60	116	40	22	WN..0604..
KPS4 DWLNL 06-050 27	K10101133102122	KPS 40	40	60	140	50	27	WN..0604..
KPS4 DWLNR 06-050 27	K10101134102122	KPS 40	40	60	140	50	27	WN..0604..
KPS4 DWLNL 08-050 27	K10101133112122	KPS 40	40	110	140	50	27	WN..0804..
KPS4 DWLNR 08-050 27	K10101134112122	KPS 40	40	110	140	50	27	WN..0804..
KPS5 DWLNL 06-060 35	K10102133103124	KPS 50	50	65	165	60	35	WN..0604..
KPS5 DWLNR 06-060 35	K10102134103124	KPS 50	50	65	165	60	35	WN..0604..
KPS5 DWLNL 08-060 35	K10102133113124	KPS 50	50	110	165	60	35	WN..0804..
KPS5 DWLNR 08-060 35	K10102134113124	KPS 50	50	110	165	60	35	WN..0804..

KPS (ISO 26623-1)
DWLN 95° EXTERNAL TURNING TOOL

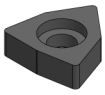
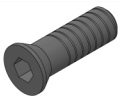
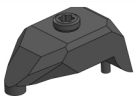




Rake Angle : -6°
Inclination Angle : -6°

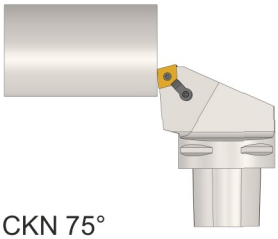
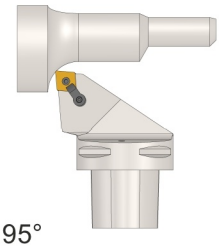
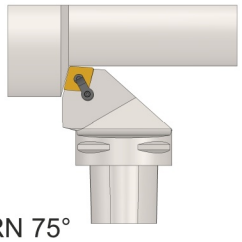
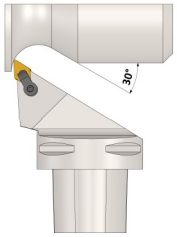
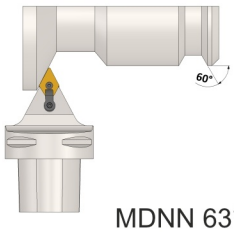
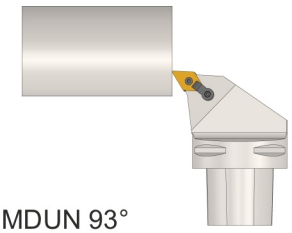
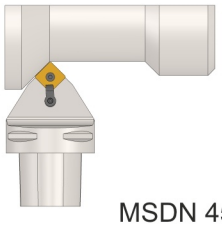
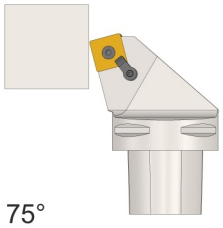
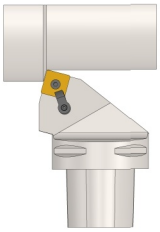
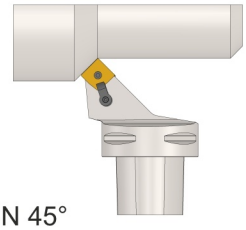
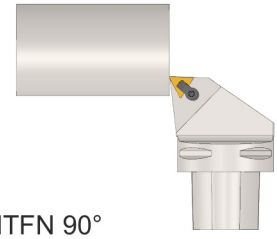
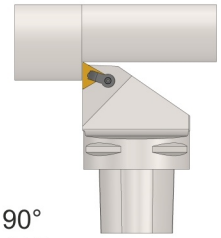
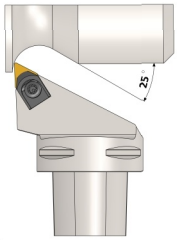
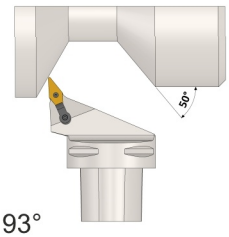
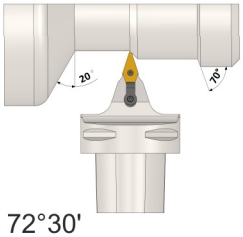
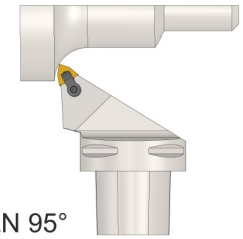
DWLN 95°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS6 DWLNL 06-065 45	K10103133104125	KPS 63	63	81	190	65	45	WN..0604..
KPS6 DWLNR 06-065 45	K10103134104125	KPS 63	63	81	190	65	45	WN..0604..
KPS6 DWLNL 08-065 45	K10103133114125	KPS 63	63	110	190	65	45	WN..0804..
KPS6 DWLNR 08-065 45	K10103134114125	KPS 63	63	110	190	65	45	WN..0804..
KPS8 DWLNL 08-080 55	K10104133115126	KPS 80	80	110	250	80	55	WN..0804..
KPS8 DWLNR 08-080 55	K10104134115126	KPS 80	80	110	250	80	55	WN..0804..

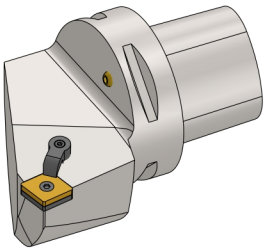
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
WN..0604..	IWSN322	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
WN..0804..	IWSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM4615IP

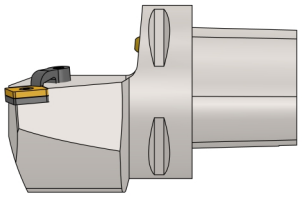
INDEX

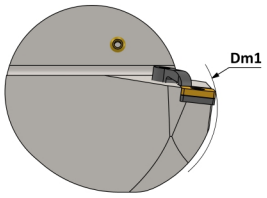
M-Type External Turning Tool

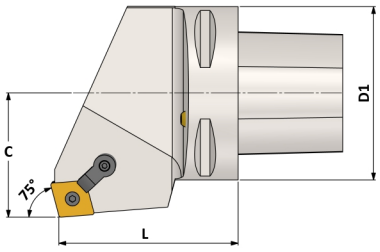
 MCKN 75° Pg No. 102	 MCLN 95° Pg No. 103 - 104	 MCRN 75° Pg No. 105 - 106	 MDJN 93° Pg No. 107
 MDNN 63° Pg No. 108	 MDUN 93° Pg No. 109	 MSDN 45° Pg No. 110	 MSKN 75° Pg No. 111 - 112
 MSRN 75° Pg No. 113 - 114	 MSSN 45° Pg No. 115 - 116	 MTFN 90° Pg No. 117	 MTGN 90° Pg No. 118
 MTJN 93° Pg No.119	 MVJN 93° Pg No. 120	 MVVN 72°30' Pg No. 121	 MWLN 95° Pg No. 122

KPS (ISO 26623-1)
MCKN 75° EXTERNAL TURNING TOOL





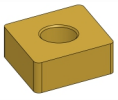




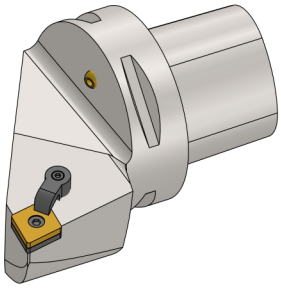
Rake Angle : -6°
Inclination Angle : -6°

MCKN 75°

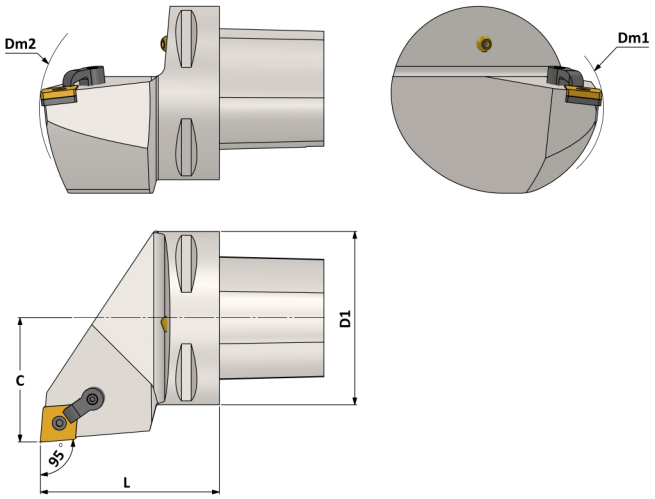
Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS4 MCKNL12-050 27	K10101139153122	KPS 40	40	110	50	27	CN..1204..
KPS4 MCKNR12-050 27	K10101140153122	KPS 40	40	110	50	27	CN..1204..
KPS4 MCKNL 16-050 27	K10101139186122	KPS 40	40	125	50	27	CN..1606..
KPS4 MCKNR 16-050 27	K10101140186122	KPS 40	40	125	50	27	CN..1606..
KPS5 MCKNL 12-060 35	K10102139156124	KPS 50	50	110	60	35	CN..1204..
KPS5 MCKNR 12-060 35	K10102140156124	KPS 50	50	110	60	35	CN..1204..
KPS5 MCKNL 16-060 35	K10102139188124	KPS 50	50	125	60	35	CN..1606..
KPS5 MCKNR 16-060 35	K10102140188124	KPS 50	50	125	60	35	CN..1606..
KPS6 MCKNL 12-065 45	K10103139158125	KPS 63	63	110	65	45	CN..1204..
KPS6 MCKNR 12-065 45	K10103140158125	KPS 63	63	110	65	45	CN..1204..
KPS6 MCKNL 16-065 45	K10103139191125	KPS 63	63	125	65	45	CN..1606..
KPS6 MCKNR 16-065 45	K10103140191125	KPS 63	63	125	65	45	CN..1606..
KPS6 MCKNL 19-065 45	K10103139216125	KPS 63	63	125	65	45	CN..1906..
KPS6 MCKNR 19-065 45	K10103140216125	KPS 63	63	125	65	45	CN..1906..
KPS8 MCKNL 19-080 55	K10104139218126	KPS 80	80	125	80	55	CN..1906..
KPS8 MCKNR 19-080 55	K10104140218126	KPS 80	80	125	80	55	CN..1906..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
CN..1204..	ICSN432	KLM46	CKM21	STCM20
CN..1606..	ICSN533	KLM58	CKM21	STCM20
CN..1906..	ICSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MCLN 95° EXTERNAL TURNING TOOL



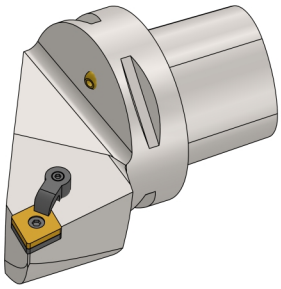
Rake Angle : -6°
Inclination Angle : -6°



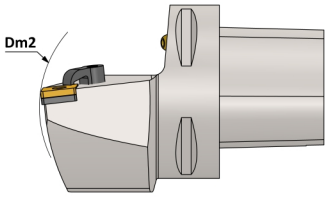
MCLN 95°

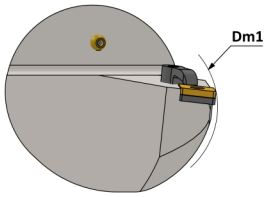
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 MCLNL 09-040 22	K10107141120121	KPS 32	32	60	116	40	22	CN..0903..
KPS3 MCLNR 09-040 22	K10107142120121	KPS 32	32	60	116	40	22	CN..0903..
KPS3 MCLNL 12-045 22	K10107141151121	KPS 32	32	60	121	45	22	CN..1204..
KPS3 MCLNR 12-045 22	K10107142151121	KPS 32	32	60	121	45	22	CN..1204..
KPS4 MCLNL 09-050 27	K10101141121122	KPS 40	40	60	140	50	27	CN..0903..
KPS4 MCLNR 09-050 27	K10101142121122	KPS 40	40	60	140	50	27	CN..0903..
KPS4 MCLNL 12-050 27	K10101141153122	KPS 40	40	110	140	50	27	CN..1204..
KPS4 MCLNR 12-050 27	K10101142153122	KPS 40	40	110	140	50	27	CN..1204..
KPS4 MCLNL 16-055 27	K10101141187122	KPS 40	40	125	145	55	27	CN..1606..
KPS4 MCLNR 16-055 27	K10101142187122	KPS 40	40	125	145	55	27	CN..1606..
KPS5 MCLNL 12-060 35	K10102141156124	KPS 50	50	110	165	60	35	CN..1204..
KPS5 MCLNR 12-060 35	K10102142156124	KPS 50	50	110	165	60	35	CN..1204..
KPS5 MCLNL 16-060 35	K10102141188124	KPS 50	50	125	165	60	35	CN..1606..
KPS5 MCLNR 16-060 35	K10102142188124	KPS 50	50	125	165	60	35	CN..1606..
KPS5 MCLNL 19-060 35	K10102141215124	KPS 50	50	125	165	60	35	CN..1906..
KPS5 MCLNR 19-060 35	K10102142215124	KPS 50	50	125	165	60	35	CN..1906..
KPS6 MCLNL 12-065 45	K10103141158125	KPS 63	63	110	190	65	45	CN..1204..
KPS6 MCLNR 12-065 45	K10103142158125	KPS 63	63	110	190	65	45	CN..1204..
KPS6 MCLNL 16-065 45	K10103141191125	KPS 63	63	125	190	65	45	CN..1606..
KPS6 MCLNR 16-065 45	K10103142191125	KPS 63	63	125	190	65	45	CN..1606..
KPS6 MCLNL 19-065 45	K10103141216125	KPS 63	63	125	190	65	45	CN..1906..
KPS6 MCLNR 19-065 45	K10103142216125	KPS 63	63	125	190	65	45	CN..1906..

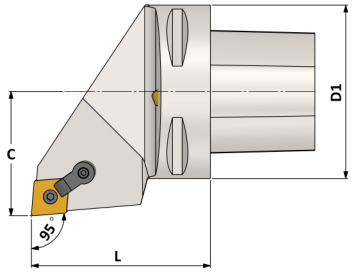
KPS (ISO 26623-1)
MCLN 95° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -6°

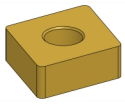




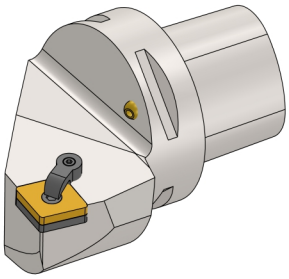


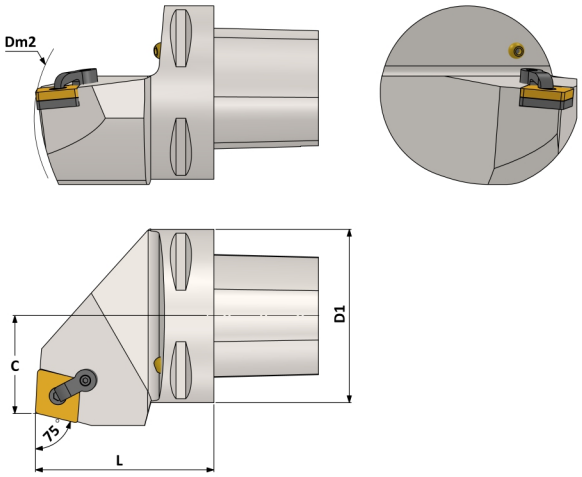
MCLN 95°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS8 MCLNL 12-080 55	K10104141159126	KPS 80	80	110	250	80	55	CN..1204..
KPS8 MCLNR 12-080 55	K10104142159126	KPS 80	80	110	250	80	55	CN..1204..
KPS8 MCLNL 16-080 55	K10104141194126	KPS 80	80	125	250	80	55	CN..1606..
KPS8 MCLNR 16-080 55	K10104142194126	KPS 80	80	125	250	80	55	CN..1606..
KPS8 MCLNL 19-080 55	K10104141218126	KPS 80	80	125	250	80	55	CN..1906..
KPS8 MCLNR 19-080 55	K10104142218126	KPS 80	80	125	250	80	55	CN..1906..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
CN..0903..	-	KL33	CK6	STC5
CN..1204..	ICSN432	KLM46	CKM21	STCM20
CN..1606..	ICSN533	KLM58	CKM21	STCM20
CN..1906..	ICSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MCRN 75° EXTERNAL TURNING TOOL



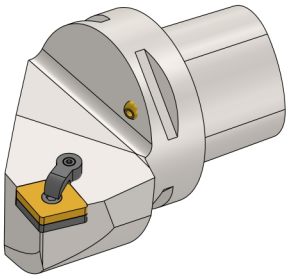


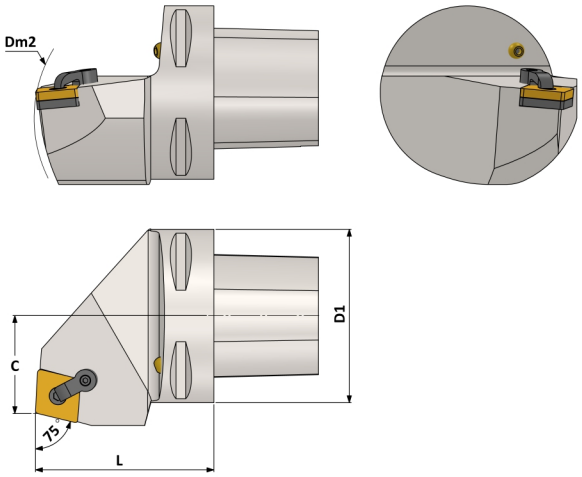
Rake Angle : -6°
Inclination Angle : -6°

MCRN 75°

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS4 MCRNL12-050 22	K10101143153121	KPS 40	40	140	50	22	CN..1204..
KPS4 MCRNR12-050 22	K10101144153121	KPS 40	40	140	50	22	CN..1204..
KPS5 MCRNL 12-060 27	K10102143156122	KPS 50	50	165	60	27	CN..1204..
KPS5 MCRNR 12-060 27	K10102144156122	KPS 50	50	165	60	27	CN..1204..
KPS5 MCRNL 16-060 27	K10102143188122	KPS 50	50	165	60	27	CN..1606..
KPS5 MCRNR 16-060 27	K10102144188122	KPS 50	50	165	60	27	CN..1606..
KPS5 MCRNL 19-060 27	K10102143215122	KPS 50	50	165	60	27	CN..1906..
KPS5 MCRNR 19-060 27	K10102144215122	KPS 50	50	165	60	27	CN..1906..
KPS6 MCRNL 12-065 35	K10103143158124	KPS 63	63	190	65	35	CN..1204..
KPS6 MCRNR 12-065 35	K10103144158124	KPS 63	63	190	65	35	CN..1204..
KPS6 MCRNL 16-065 35	K10103143191124	KPS 63	63	190	65	35	CN..1606..
KPS6 MCRNR 16-065 35	K10103144191124	KPS 63	63	190	65	35	CN..1606..
KPS6 MCRNL 19-065 35	K10103143216124	KPS 63	63	190	65	35	CN..1906..
KPS6 MCRNR 19-065 35	K10103144216124	KPS 63	63	190	65	35	CN..1906..

KPS (ISO 26623-1)
MCRN 75° EXTERNAL TURNING TOOL

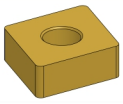




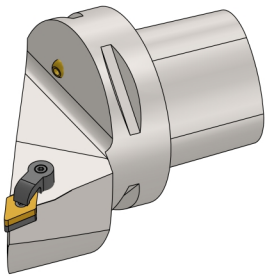
Rake Angle : -6°
Inclination Angle : -6°

MCRN 75°

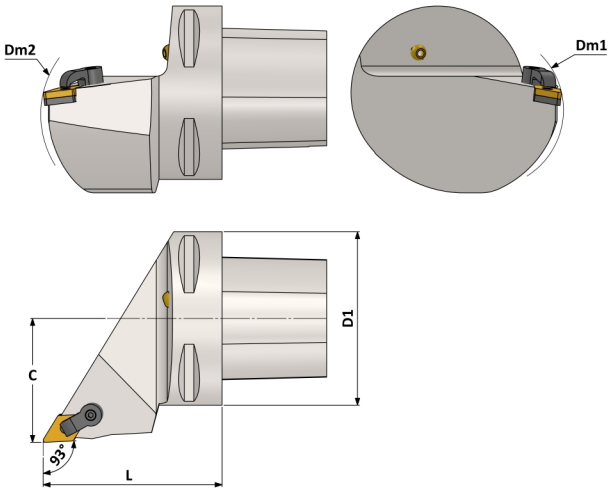
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS8 MCRNL 16-080 55	K10104143194126	KPS 80	80	250	80	55	CN..1606..
KPS8 MCRNR 16-080 55	K10104144194126	KPS 80	80	250	80	55	CN..1606..
KPS8 MCRNL 19-080 55	K10104143218126	KPS 80	80	250	80	55	CN..1906..
KPS8 MCRNR 19-080 55	K10104144218126	KPS 80	80	250	80	55	CN..1906..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
CN..1204..	ICSN432	KLM46	CKM21	STCM20
CN..1606..	ICSN533	KLM58	CKM21	STCM20
CN..1906..	ICSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MDJN 93° EXTERNAL TURNING TOOL

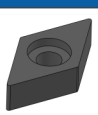


Rake Angle : -6°
Inclination Angle : -7°

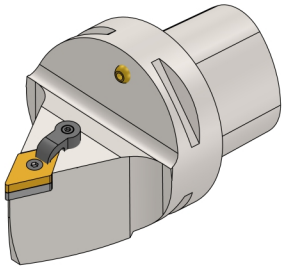


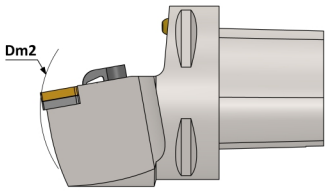
MDJN 93°

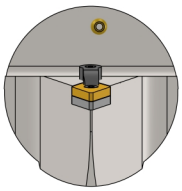
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 MDJNL 11-045 22	K10107145134120	KPS 32	32	60	121	45	22	DN..1104..
KPS3 MDJNR 11-045 22	K10107146134121	KPS 32	32	60	121	45	22	DN..1104..
KPS4 MDJNL 11-050 27	K10101145135122	KPS 40	40	60	140	50	27	DN..1104..
KPS4 MDJNR 11-050 27	K10101146135122	KPS 40	40	60	140	50	27	DN..1104..
KPS4 MDJNL 15-055 27	K10101145170122	KPS 40	40	110	145	55	27	DN..1506..
KPS4 MDJNR 15-055 27	K10101146170122	KPS 40	40	110	145	55	27	DN..1506..
KPS5 MDJNL 11-060 35	K10102145136124	KPS 50	50	65	165	60	35	DN..1104..
KPS5 MDJNR 11-060 35	K10102146136124	KPS 50	50	65	165	60	35	DN..1104..
KPS5 MDJNL 15-060 35	K10102145171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 MDJNR 15-060 35	K10102146171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 MDJNL 11-065 45	K10103145138125	KPS 63	63	81	190	65	45	DN..1104..
KPS6 MDJNR 11-065 45	K10103146138125	KPS 63	63	81	190	65	45	DN..1104..
KPS6 MDJNL 15-065 45	K10103145172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 MDJNR 15-065 45	K10103146172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 MDJNL 15-080 55	K10104145173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8MDJNR 15-080 55	K10104146173126	KPS 80	80	110	250	80	55	DN..1506..

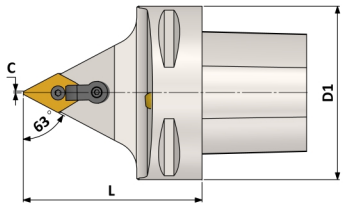
INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
DN..1104..	IDSN332	KLM34L	CKM7	STCM5
DN..1506..	IDSN432	KLM46L	CKM22	STCM20

KPS (ISO 26623-1)
MDNN 63° EXTERNAL TURNING TOOL



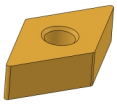




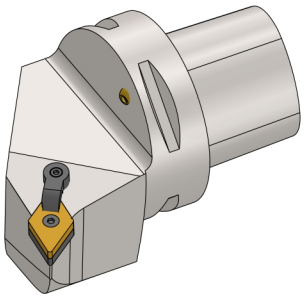


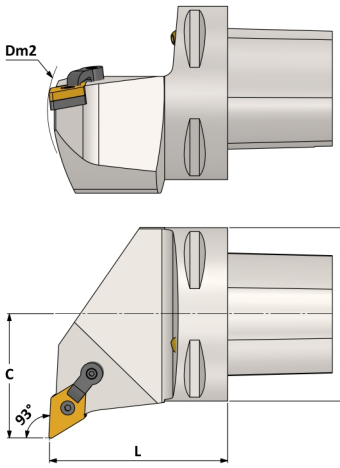
Rake Angle : -5°
Inclination Angle : -9°

MDNN 63°							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min**	**L**	**C**	**INSERT**
KPS4 MDNNN 11-50 0.5	K10101147135103	KPS 40	40	140	50	0.5	DN..1104..
KPS4 MDNNN 15-55 0.5	K10101147170103	KPS 40	40	145	55	0.5	DN..1506..
KPS5 MDNNN 11-60 0.5	K10102147136103	KPS 50	50	165	60	0.5	DN..1104..
KPS5 MDNNN 15-60 0.5	K10102147171103	KPS 50	50	165	60	0.5	DN..1506..
KPS6 MDNNN 15-65 0.5	K10103147172103	KPS 63	63	190	65	0.5	DN..1506..
KPS8 MDNNN 15-80 0.5	K10104147173103	KPS 80	80	250	80	0.5	DN..1506..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
DN..1104..	IDSN332	KLM34L	CKM7	STCM5
DN..1506..	IDSN432	KLM46L	CKM22	STCM20

KPS (ISO 26623-1)
MDUN 93° EXTERNAL TURNING TOOL

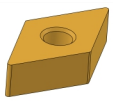
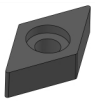




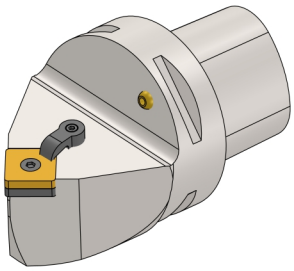
Rake Angle : -6°
Inclination Angle : -7°

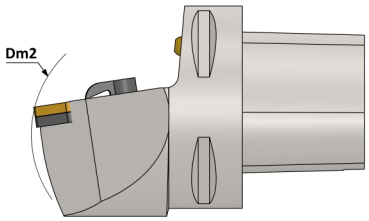
MDUN 93°

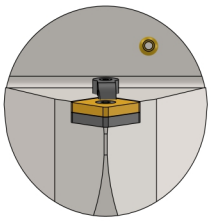
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 MDUNL 15-050 27	K10101148168122	KPS 40	40	110	140	50	27	DN..1506..
KPS4 MDUNR 15-050 27	K10101149168122	KPS 40	40	110	140	50	27	DN..1506..
KPS5 MDUNL 15-060 35	K10102148171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 MDUNR 15-060 35	K10102149171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 MDUNL 15-065 45	K10103148172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 MDUNR 15-065 45	K10103149172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 MDUNL 15-080 55	K10104148173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 MDUNR 15-080 55	K10104149173126	KPS 80	80	110	250	80	55	DN..1506..

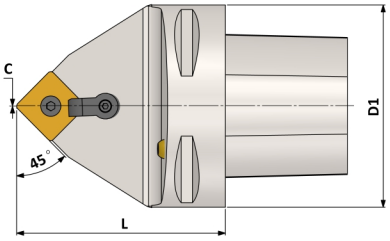
INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
DN..1506..	IDSN432	KLM46L	CKM22	STCM20

KPS (ISO 26623-1)
MSDN 45° EXTERNAL TURNING TOOL





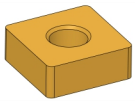
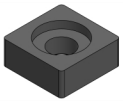




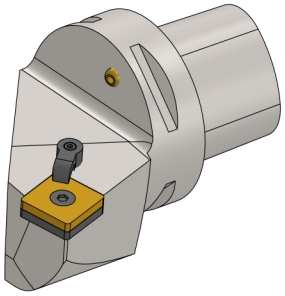
Rake Angle : -6°
Inclination Angle : -6°

MSDN 45°

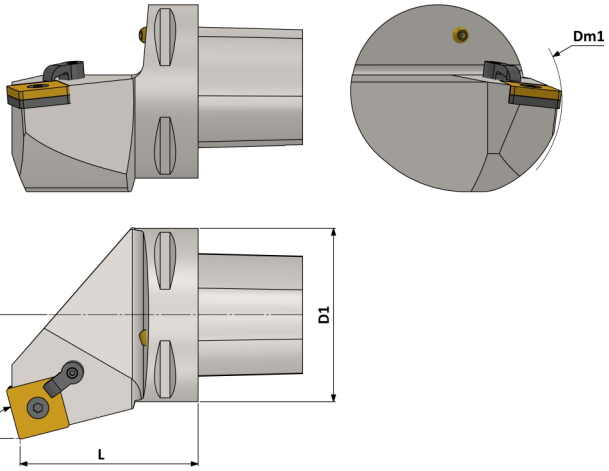
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 MSDNN 12-048 0.3	K10107150152102	KPS 32	32	124	48	0.3	SN..1204..
KPS4 MSDNN 12-050 0.3	K10101150153102	KPS 40	40	140	50	0.3	SN..1204..
KPS5 MSDNN 12-060 0.3	K10102150156102	KPS 50	50	165	60	0.3	SN..1204..
KPS5 MSDNN 15-060 0.5	K10102150156103	KPS 50	50	165	60	0.5	SN..1506..
KPS5 MSDNN 19-065 0.5	K10102150216103	KPS 50	50	170	65	0.5	SN..1906..
KPS6 MSDNN 12-065 0.3	K10103150158102	KPS 63	63	190	65	0.3	SN..1204..
KPS6 MSDNN 15-065 0.5	K10102150158103	KPS 63	63	190	65	0.5	SN..1506..
KPS6 MSDNN 19-070 0.5	K10103150217103	KPS 63	63	195	70	0.5	SN..1906..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
SN..1204..	ISSN432	KLM46	CKM21	STCM20
SN..1506..	ISSN543	KLM58	CKM21	STCM20
SN..1906..	ISSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MSKN 75° EXTERNAL TURNING TOOL



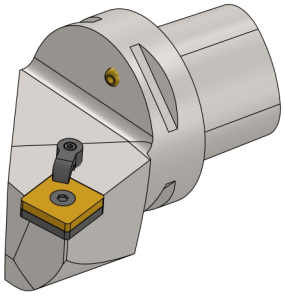
Rake Angle : -6°
Inclination Angle : -6°



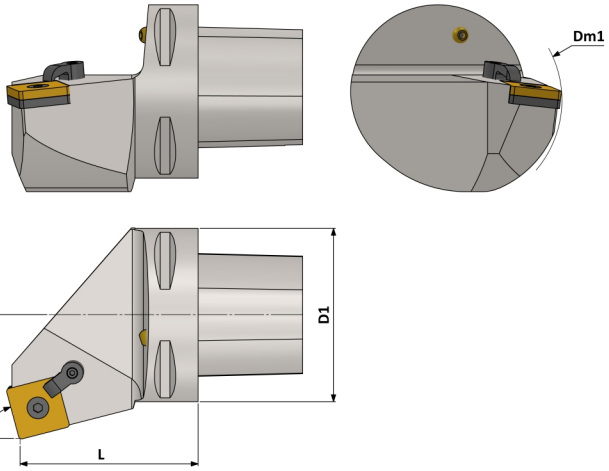
MSKN 75°

Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS3 MSKNL 12-040 22	K10107151149121	KPS 32	32	60	40	22	SN..1204..
KPS3 MSKNR 12-040 22	K10107152149121	KPS 32	32	60	40	22	SN..1204..
KPS4 MSKNL 12-050 27	K10101151153122	KPS 40	40	110	50	27	SN..1204..
KPS4 MSKNR 12-050 27	K10101152153122	KPS 40	40	110	50	27	SN..1204..
KPS5 MSKNL 12-060 35	K10102151156124	KPS 50	50	110	60	35	SN..1204..
KPS5 MSKNR 12-060 35	K10102152156124	KPS 50	50	110	60	35	SN..1204..
KPS5 MSKNL 15-060 35	K10102151171124	KPS 50	50	125	60	35	SN..1506..
KPS5 MSKNR 15-060 35	K10102152171124	KPS 50	50	125	60	35	SN..1506..
KPS5 MSKNL 19-060 35	K10102151215124	KPS 50	50	125	60	35	SN..1906..
KPS5 MSKNR 19-060 35	K10102152215124	KPS 50	50	125	60	35	SN..1906..

KPS (ISO 26623-1)
MSKN 75° EXTERNAL TURNING TOOL

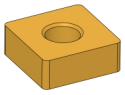
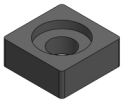


Rake Angle : -6°
Inclination Angle : -6°

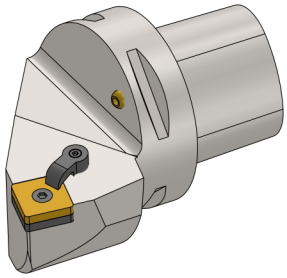


MSKN 75°

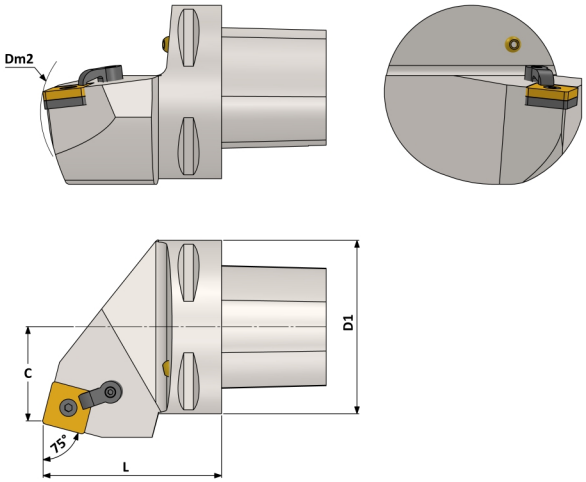
Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS6 MSKNL 12-065 45	K10103151158125	KPS 63	63	110	65	45	SN..1204..
KPS6 MSKNR 12-065 45	K10103152158125	KPS 63	63	110	65	45	SN..1204..
KPS6 MSKNL 15-065 45	K10103151172125	KPS 63	63	125	65	45	SN..1506..
KPS6 MSKNR 15-065 45	K10103152172125	KPS 63	63	125	65	45	SN..1506..
KPS6 MSKNL 19-065 45	K10103151216125	KPS 63	63	125	65	45	SN..1906..
KPS6 MSKNR 19-065 45	K10103152216125	KPS 63	63	125	65	45	SN..1906..
KPS8 MSKNL 19-080 55	K10104151218126	KPS 80	80	125	80	55	SN..1906..
KPS8 MSKNR 19-080 55	K10104152218126	KPS 80	80	125	80	55	SN..1906..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
SN..1204..	ISSN432	KLM46	CKM21	STCM20
SN..1506..	ISSN543	KLM58	CKM21	STCM20
SN..1906..	ISSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MSRN 75° EXTERNAL TURNING TOOL



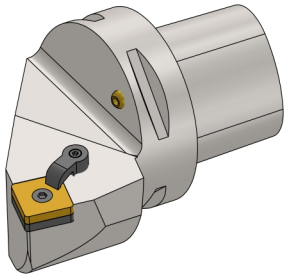
Rake Angle : -6°
Inclination Angle : -6°

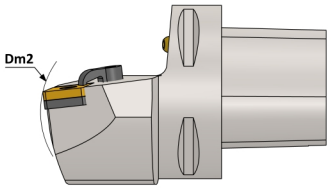


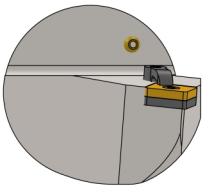
MSRN 75°

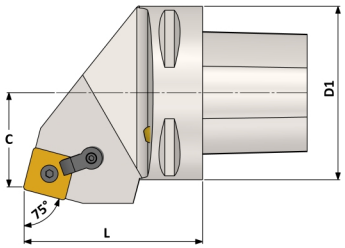
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 MSRNL 12-048 19	K10107153152120	KPS 32	32	124	48	19	SN..1204..
KPS3 MSRNR 12-048 19	K10107154152120	KPS 32	32	124	48	19	SN..1204..
KPS4 MSRNL 12-050 22	K10101153153121	KPS 40	40	140	50	22	SN..1204..
KPS4 MSRNR 12-050 22	K10101154153121	KPS 40	40	140	50	22	SN..1204..
KPS5 MSRNL 12-060 27	K10102153156122	KPS 50	50	165	60	27	SN..1204..
KPS5 MSRNR 12-060 27	K10102154156122	KPS 50	50	165	60	27	SN..1204..
KPS5 MSRNL 15-060 27	K10102153171122	KPS 50	50	165	60	27	SN..1506..
KPS5 MSRNR 15-060 27	K10102154171122	KPS 50	50	165	60	27	SN..1506..
KPS5 MSRNL 19-060 27	K10102153215122	KPS 50	50	165	60	27	SN..1906..
KPS5 MSRNR 19-060 27	K10102154215122	KPS 50	50	165	60	27	SN..1906..

KPS (ISO 26623-1)
MSRN 75° EXTERNAL TURNING TOOL







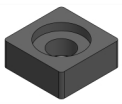


Rake Angle : -6°
Inclination Angle : -6°

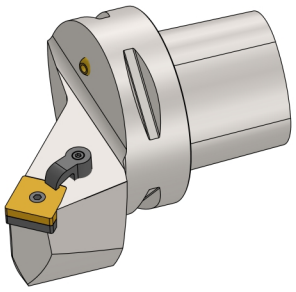
MSRN 75°

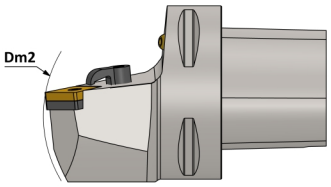
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS6 MSRNL 12-065 35	K10103153158124	KPS 63	63	190	65	35	SN..1204..
KPS6 MSRNR 12-065 35	K10103154158124	KPS 63	63	190	65	35	SN..1204..
KPS6 MSRNL 15-065 35	K10103153172124	KPS 63	63	190	65	35	SN..1506..
KPS6 MSRNR 15-065 35	K10103154172124	KPS 63	63	190	65	35	SN..1506..
KPS6 MSRNL 19-065 35	K10103153216124	KPS 63	63	190	65	35	SN..1906..
KPS6 MSRNR 19-065 35	K10103154216124	KPS 63	63	190	65	35	SN..1906..

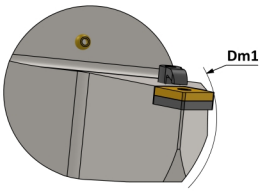
KPS8 MSRNL 19-080 45	K10104153218125	KPS 80	80	250	80	45	SN..1906..
KPS8 MSRNR 19-080 45	K10104154218125	KPS 80	80	250	80	45	SN..1906..

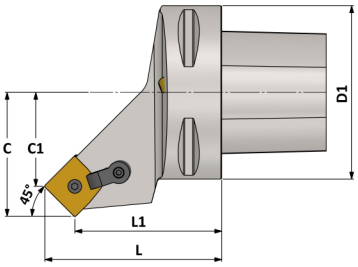
INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
SN..1204..	ISSN432	KLM46	CKM21	STCM20
SN..1506..	ISSN543	KLM58	CKM21	STCM20
SN..1906..	ISSN643	KLM68	CKM12	STCM4

KPS (ISO 26623-1)
MSSN 45° EXTERNAL TURNING TOOL







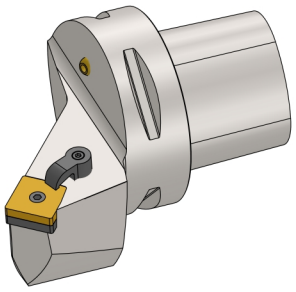


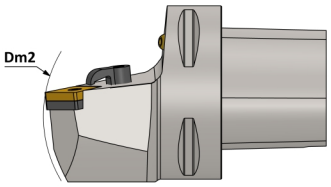
Rake Angle : -8°
Inclination Angle : -0°

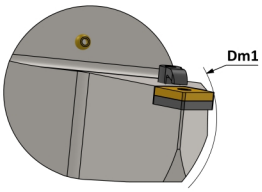
MSSN 45°

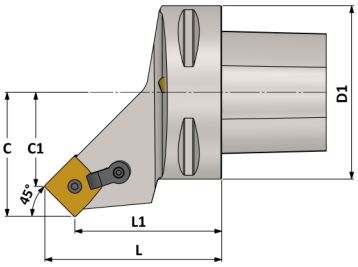
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L1	L	C	C1	INSERT
KPS3 MSSNL 12-040 22	K10107155149121	KPS 32	32	60	124	40	48.3	22	13.7	SN..1204..
KPS3 MSSNR 12-040 22	K10107156149121	KPS 32	32	60	124	40	48.3	22	13.7	SN..1204..
KPS4 MSSNL 12-042 27	K10101155150122	KPS 40	40	110	140	42	50.3	27	18.7	SN..1204..
KPS4 MSSNR 12-042 27	K10101156150122	KPS 40	40	110	140	42	50.3	27	18.7	SN..1204..
KPS4 MSSNL 15-045 27	K10101153167122	KPS 40	40	125	145	45	55.2	27	16.8	SN..1506..
KPS4 MSSNR 15-045 27	K10101154167122	KPS 40	40	125	145	45	55.2	27	16.8	SN..1506..
KPS5 MSSNL 12-052 35	K10102155154124	KPS 50	50	110	165	52	60.3	35	26.7	SN..1204..
KPS5 MSSNR 12-052 35	K10102156154124	KPS 50	50	110	165	52	60.3	35	26.7	SN..1204..
KPS5 MSSNL 15-050 35	K10102155168124	KPS 50	50	125	165	50	60.2	35	24.8	SN..1506..
KPS5 MSSNR 15-050 35	K10102156168124	KPS 50	50	125	165	50	60.2	35	24.8	SN..1506..
KPS5 MSSNL 19-048 35	K10102155213124	KPS 50	50	125	165	48	60.5	35	22.5	SN..1906..
KPS5 MSSNR 19-048 35	K10102156213124	KPS 50	50	125	165	48	60.5	35	22.5	SN..1906..

KPS (ISO 26623-1)
MSSN 45° EXTERNAL TURNING TOOL





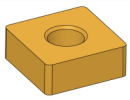
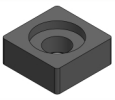




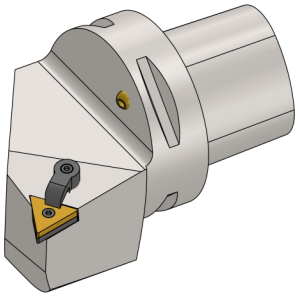
Rake Angle : -8°
Inclination Angle : -0°

MSSN 45°

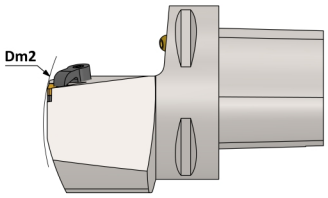
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L1	L	C	C1	INSERT
KPS6 MSSNL 12-056 45	K10103155155125	KPS 63	63	110	190	56	64.3	45	36.7	SN..1204..
KPS6 MSSNR 12-056 45	K10103156155125	KPS 63	63	110	190	56	64.3	45	36.7	SN..1204..
KPS6 MSSNL 15-054 45	K10103155169125	KPS 63	63	125	190	54	64.2	45	34.8	SN..1506..
KPS6 MSSNR 15-054 45	K10103156169125	KPS 63	63	125	190	54	64.2	45	34.8	SN..1506..
KPS6 MSSNL 19-052 45	K10103155214125	KPS 63	63	125	190	52	64.5	45	32.5	SN..1906..
KPS6 MSSNR 19-052 45	K10103156214125	KPS 63	63	125	190	52	64.5	45	32.5	SN..1906..

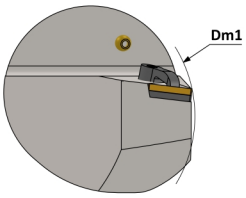
INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
SN..1204..	ISSN432	KLM46	CKM21	STCM20
SN..1506..	ISSN543	KLM58	CKM21	STCM20
SN..1906..	ISSN643	KLM68	CKM12	STCM4

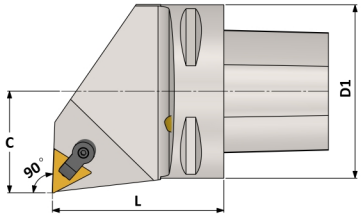
KPS (ISO 26623-1)
MTFN 90° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -6°

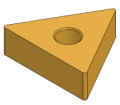
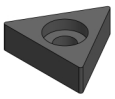




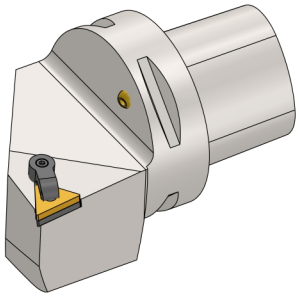


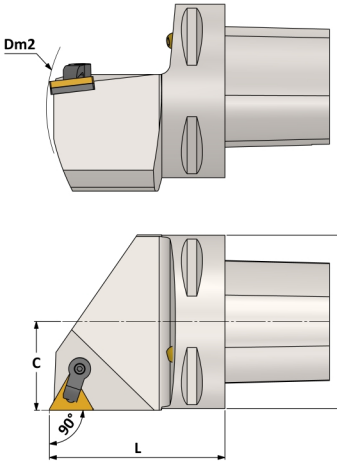
MTFN 90°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 MTFNL 16-040 22	K10107157185121	KPS 32	32	60	116	40	22	TN..1604..
KPS3 MTFNR 16-040 22	K10107158185121	KPS 32	32	60	116	40	22	TN..1604..
KPS4 MTFNL 16-050 27	K10101157186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 MTFNR 16-050 27	K10101158186122	KPS 40	40	110	140	50	27	TN..1604..
KPS5 MTFNL 16-060 35	K10102157188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 MTFNR 16-060 35	K10102158188124	KPS 50	50	110	165	60	35	TN..1604..
KPS6 MTFNL 16-065 45	K10103157191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 MTFNR 16-065 45	K10103158191125	KPS 63	63	110	190	65	45	TN..1604..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
TN..1604..	ITSN322	KLM34L	CKM21	STCM20

KPS (ISO 26623-1)
MTGN 90° EXTERNAL TURNING TOOL

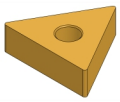
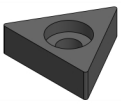




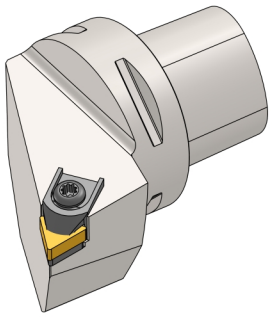
Rake Angle : -6°
Inclination Angle : -6°

MTGN 90°

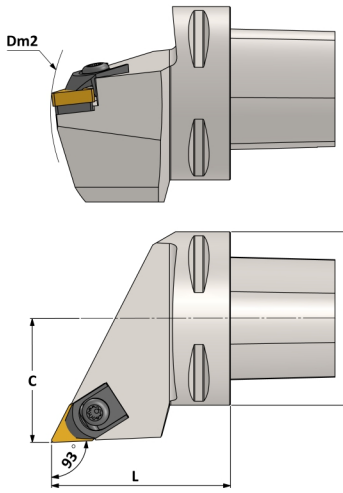
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 MTGNL 16-050 27	K10101159186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 MTGNR 16-050 27	K10101160186122	KPS 40	40	110	140	50	27	TN..1604..
KPS5 MTGNL 16-060 35	K10102159188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 MTGNR 16-060 35	K10102160188124	KPS 50	50	110	165	60	35	TN..1604..
KPS6 MTGNL 16-065 45	K10103159191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 MTGNR 16-065 45	K10103160191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 MTGNL 22-065 45	K10103159225125	KPS 63	63	110	190	65	45	TN..2204..
KPS6 MTGNR 22-065 45	K10103160225125	KPS 63	63	110	190	65	45	TN..2204..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
TN..1604..	ITSN322	KLM34L	CKM21	STCM20
TN..2204..	ITSN433	KLM46	CKM9	STCM4

KPS (ISO 26623-1)
MTJN 93° EXTERNAL TURNING TOOL

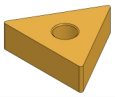
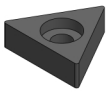


Rake Angle : -6°
Inclination Angle : -6°

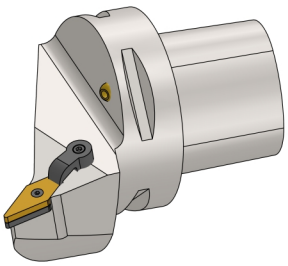


MTJN 93°

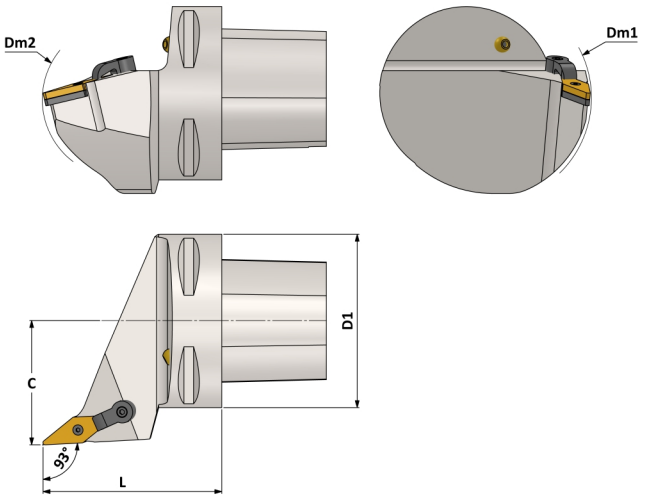
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 MTJNL 16-040 22	K10107161185121	KPS 32	32	60	116	40	22	TN..1604..
KPS3 MTJNR 16-040 22	K10107162185121	KPS 32	32	60	116	40	22	TN..1604..
KPS4 MTJNL 16-050 27	K10101161186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 MTJNR 16-050 27	K10101162186122	KPS 40	40	110	140	50	27	TN..1604..
KPS4 MTJNL 22-050 27	K10101161223122	KPS 40	40	110	140	50	27	TN..2204..
KPS4 MTJNR 22-050 27	K10101162223122	KPS 40	40	110	140	50	27	TN..2204..
KPS5 MTJNL 16-060 35	K10102161188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 MTJNR 16-060 35	K10102162188124	KPS 50	50	110	165	60	35	TN..1604..
KPS5 MTJNL 22-060 35	K10102161224124	KPS 50	50	110	165	60	35	TN..2204..
KPS5 MTJNR 22-060 35	K10102162224124	KPS 50	50	110	165	60	35	TN..2204..
KPS6 MTJNL 16-065 45	K10103161191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 MTJNR 16-065 45	K10103162191125	KPS 63	63	110	190	65	45	TN..1604..
KPS6 MTJNL 22-065 45	K10103161225125	KPS 63	63	110	190	65	45	TN..2204..
KPS6 MTJNR 22-065 45	K10103162225125	KPS 63	63	110	190	65	45	TN..2204..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
TN..1604..	ITSN322	KLM34L	CKM21	STCM20
TN..2204..	ITSN433	KLM46	CKM9	STCM4

KPS (ISO 26623-1)
MVJN 93° EXTERNAL TURNING TOOL

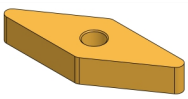
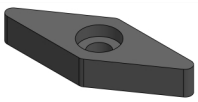


Rake Angle : -4°
Inclination Angle : -13°

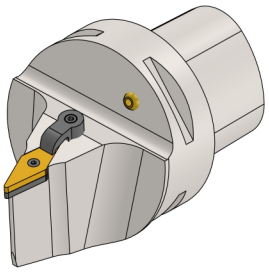


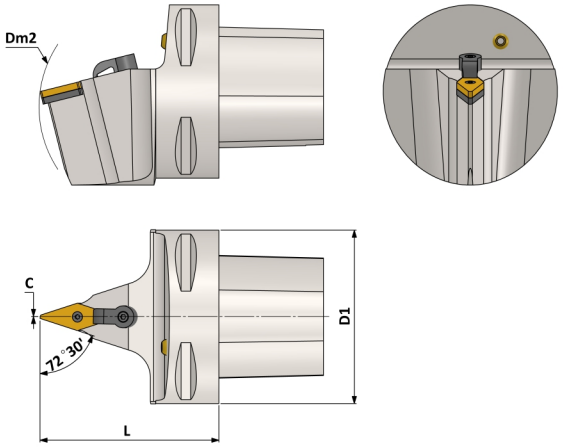
MVJN 93°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 MVJNL 16-062 27	K10101163189122	KPS 40	40	60	152	62	27	VN..1604..
KPS4 MVJNR 16-062 27	K10101164189122	KPS 40	40	60	152	62	27	VN..1604..
KPS5 MVJNL 16-065 35	K10102163191124	KPS 50	50	65	170	65	35	VN..1604..
KPS5 MVJNR 16-065 35	K10102164191124	KPS 50	50	65	170	65	35	VN..1604..
KPS6 MVJNL 16-065 45	K10103163191125	KPS 63	63	81	190	65	45	VN..1604..
KPS6 MVJNR 16-065 45	K10103164191125	KPS 63	63	81	190	65	45	VN..1604..
KPS8 MVJNL 16-080 55	K10104163194126	KPS 80	80	100	250	80	55	VN..1604..
KPS8 MVJNR 16-080 55	K10104164194126	KPS 80	80	100	250	80	55	VN..1604..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
VN..1604..	IVSN322	KLM34L	CKM31	STCM20

KPS (ISO 26623-1)
MVVN 72°30' EXTERNAL TURNING TOOL

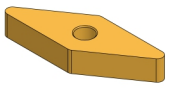
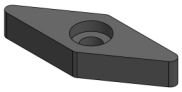




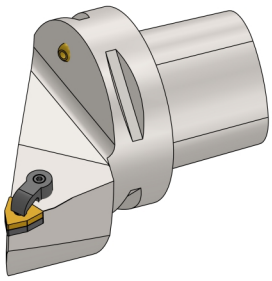
Rake Angle : -4°
Inclination Angle : -13°

MVVN 72°30'

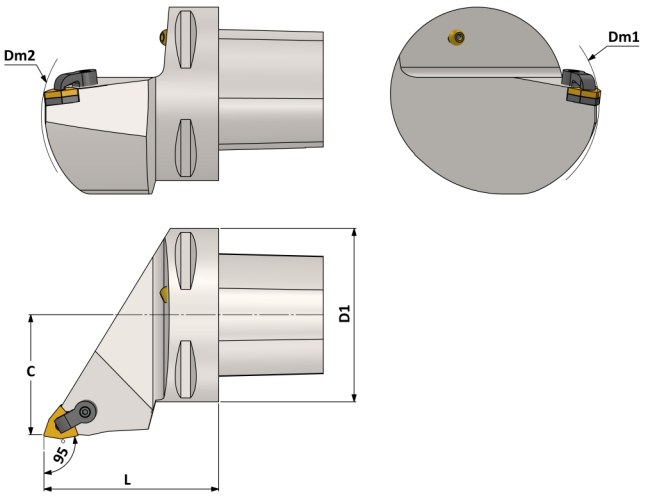
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS4 MVVNN 16-062 0.6	K10101167189104	KPS 40	40	152	62	0.6	VN..1604..
KPS5 MVVNN 16-065 0.6	K10102167191104	KPS 50	50	170	65	0.6	VN..1604..
KPS6 MVVNN 16-065 0.6	K10103167191104	KPS 63	63	190	65	0.6	VN..1604..
KPS8 MVVNN 16-080 0.6	K10104167194104	KPS 80	80	250	80	0.6	VN..1604..

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
VN..1604..	IVSN322	KLM34L	CKM31	STCM20

KPS (ISO 26623-1)
MWLN 95° EXTERNAL TURNING TOOL

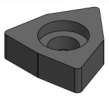


Rake Angle : -6°
Inclination Angle : -6°



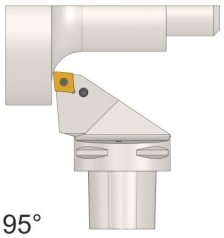
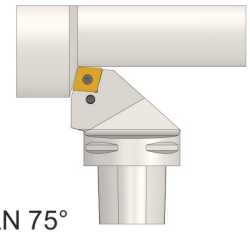
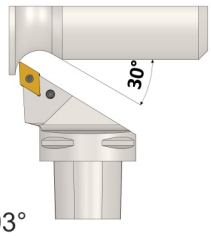
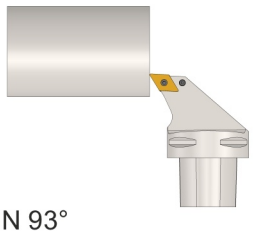
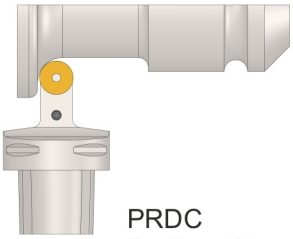
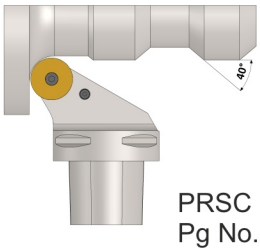
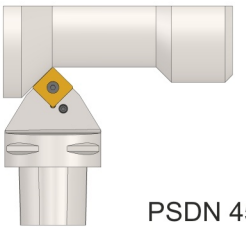
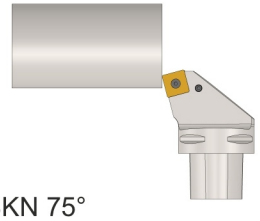
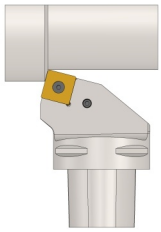
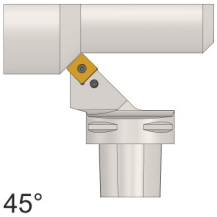
MWLN 95°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 MWLNL 06-040 22	K10107168101121	KPS 32	32	60	116	40	22	WN..0604..
KPS3 MWLNR 06-040 22	K10107169101121	KPS 32	32	60	116	40	22	WN..0604..
KPS4 MWLNL 06-050 27	K10101168102122	KPS 40	40	60	140	50	27	WN..0604..
KPS4 MWLNR 06-050 27	K10101169102122	KPS 40	40	60	140	50	27	WN..0604..
KPS4 MWLNL 08-050 27	K10101168112122	KPS 40	40	110	140	50	27	WN..0804..
KPS4 MWLNR 08-050 27	K10101169112122	KPS 40	40	110	140	50	27	WN..0804..
KPS5 MWLNL 08-060 35	K10102168113124	KPS 50	50	110	165	60	35	WN..0804..
KPS5 MWLNR 08-060 35	K10102169113124	KPS 50	50	110	165	60	35	WN..0804..
KPS6 MWLNL 08-065 45	K10103168114125	KPS 63	63	110	190	65	45	WN..0804..
KPS6 MWLNR 08-065 45	K10103169114125	KPS 63	63	110	190	65	45	WN..0804..
KPS8 MWLNL 08-080 55	K10104168115126	KPS 80	80	110	250	80	55	WN..0804..
KPS8 MWLNR 08-080 55	K10104169115126	KPS 80	80	110	250	80	55	WN..0804..

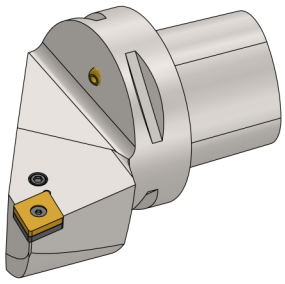
INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
WN..0604..	IWSN322	KLM34L	CKM6	STCM5
WN..0804..	12348205386	12348626600	12348626800	12348626700

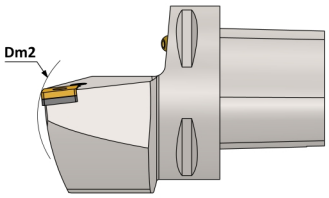
INDEX

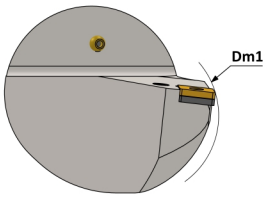
P-Type External Turning Tool

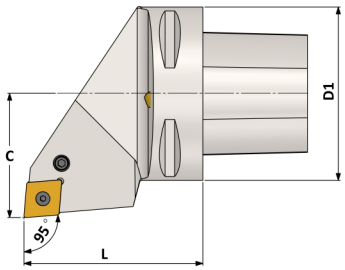
 PCLN 95° Pg No. 124 - 125	 PCRN 75° Pg No. 126	 PDJN 93° Pg No. 127	 PDUN 93° Pg No. 128
 PRDC Pg No. 129	 PRSC Pg No. 130	 PSDN 45° Pg No. 131	 PSKN 75° Pg No. 132 - 133
 PSRN 75° Pg No. 134 - 135	 PSSN 45° Pg No. 136 - 137		

KPS (ISO 26623-1)
PCLN 95° EXTERNAL TURNING TOOL







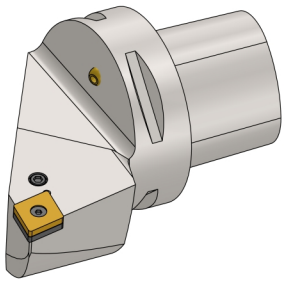


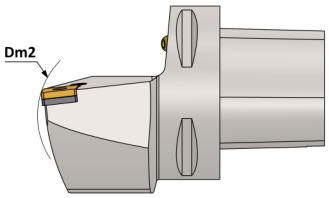
Rake Angle : -6°
Inclination Angle : -6°

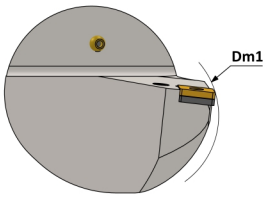
PCLN 95°

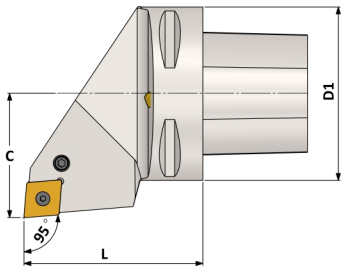
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 PCLNL 12-040 22	K10107170149121	KPS 32	32	60	124	40	22	CN..1204..
KPS3 PCLNR 12-040 22	K10107171149121	KPS 32	32	60	124	40	22	CN..1204..
KPS4 PCLNL 12-050 27	K10101170153122	KPS 40	40	110	140	50	27	CN..1204..
KPS4 PCLNR 12-050 27	K10101171153122	KPS 40	40	110	140	50	27	CN..1204..
KPS4 PCLNL 16-050 27	K10101170186122	KPS 40	40	125	140	50	27	CN..1606..
KPS4 PCLNR 16-050 27	K10101171186122	KPS 40	40	125	140	50	27	CN..1606..
KPS5 PCLNL 12-060 35	K10102170156124	KPS 50	50	110	165	60	35	CN..1204..
KPS5 PCLNR 12-060 35	K10102171156124	KPS 50	50	110	165	60	35	CN..1204..
KPS5 PCLNL 16-060 35	K10102170188124	KPS 50	50	125	165	60	35	CN..1606..
KPS5 PCLNR 16-060 35	K10102171188124	KPS 50	50	125	165	60	35	CN..1606..
KPS5 PCLNL 19-060 35	K10102170215124	KPS 50	50	125	165	60	35	CN..1906..
KPS5 PCLNR 19-060 35	K10102171215124	KPS 50	50	125	165	60	35	CN..1906..

KPS (ISO 26623-1)
PCLN 95° EXTERNAL TURNING TOOL





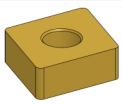




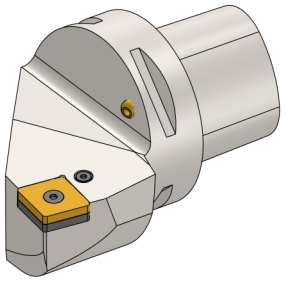
Rake Angle : -6°
Inclination Angle : -6°

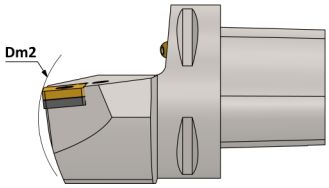
PCLN 95°

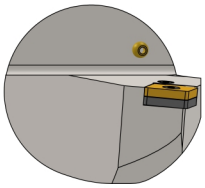
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS6 PCLNL 12-065 45	K10103170158125	KPS 63	63	110	190	65	45	CN..1204..
KPS6 PCLNR 12-065 45	K10103171158125	KPS 63	63	110	190	65	45	CN..1204..
KPS6 PCLNL 16-065 45	K10103170191125	KPS 63	63	125	190	65	45	CN..1606..
KPS6 PCLNR 16-065 45	K10103171191125	KPS 63	63	125	190	65	45	CN..1606..
KPS6 PCLNL 19-065 45	K10103170216125	KPS 63	63	125	190	65	45	CN..1906..
KPS6 PCLNR 19-065 45	K10103171216125	KPS 63	63	125	190	65	45	CN..1906..
KPS8 PCLNL 12-080 55	K10104170159126	KPS 80	80	110	250	80	55	CN..1204..
KPS8 PCLNR 12-080 55	K10104171159126	KPS 80	80	110	250	80	55	CN..1204..
KPS8 PCLNL 16-080 55	K10104170194126	KPS 80	80	125	250	80	55	CN..1606..
KPS8 PCLNR 16-080 55	K10104171194126	KPS 80	80	125	250	80	55	CN..1606..
KPS8 PCLNL 19-080 55	K10104170218126	KPS 80	80	125	250	80	55	CN..1906..
KPS8 PCLNR 19-080 55	K10104171218126	KPS 80	80	125	250	80	55	CN..1906..
KPS8 PCLNL 25-080 55	K10104170233126	KPS 80	80	150	250	80	55	CN..2509..
KPS8 PCLNR 25-080 55	K10104171233126	KPS 80	80	150	250	80	55	CN..2509..

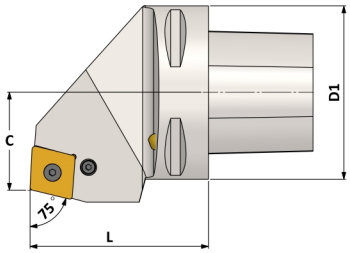
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
CN..1204..	512.112	513.023	515.018	511.023	514.123
CN..1606..	512.117	513.025	515.022	511.025	514.125
CN..1906..	512.123	513.033	515.022	511.033	514.133
CN..2509..	-	-	-	-	-

KPS (ISO 26623-1)
PCRN 75° EXTERNAL TURNING TOOL







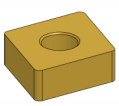


Rake Angle : -6°
Inclination Angle : -6°

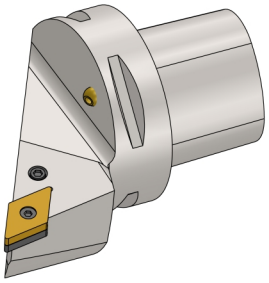
PCRN 75°

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS5 PCRNL 12-060 27	K10102172156122	KPS 50	50	165	60	27	CN..1204..
KPS5 PCRNR 12-060 27	K10102173156122	KPS 50	50	165	60	27	CN..1204..
KPS5 PCRNL 16-060 27	K10102172188122	KPS 50	50	165	60	27	CN..1606..
KPS5 PCRNR 16-060 27	K10102173188122	KPS 50	50	165	60	27	CN..1606..
KPS5 PCRNL 19-060 27	K10102172215122	KPS 50	50	165	60	27	CN..1906..
KPS5 PCRNR 19-060 27	K10102173215122	KPS 50	50	165	60	27	CN..1906..

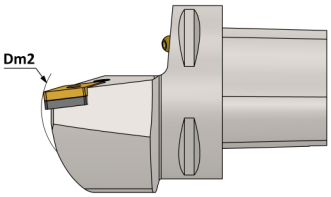
KPS6 PCRNL 12-065 35	K10103172158124	KPS 63	63	190	65	35	CN..1204..
KPS6 PCRNR 12-065 35	K10103173158124	KPS 63	63	190	65	35	CN..1204..
KPS6 PCRNL 16-065 35	K10103172191124	KPS 63	63	190	65	35	CN..1606..
KPS6 PCRNR 16-065 35	K10103173191124	KPS 63	63	190	65	35	CN..1606..
KPS6 PCRNL 19-065 35	K10103172216124	KPS 63	63	190	65	35	CN..1906..
KPS6 PCRNR 19-065 35	K10103173216124	KPS 63	63	190	65	35	CN..1906..

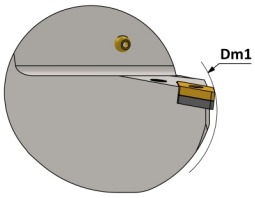
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
CN..1204..	512.112	513.023	515.018	511.023	514.123
CN..1606..	512.117	513.025	515.022	511.025	514.125
CN..1906..	512.123	513.033	515.022	511.033	514.133

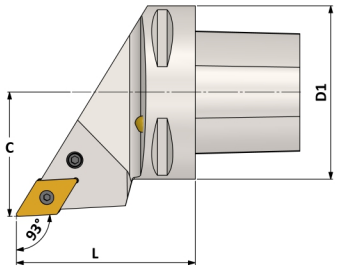
KPS (ISO 26623-1)
PDJN 93° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -7°

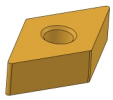
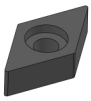




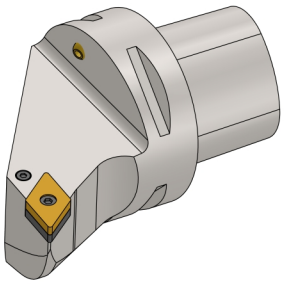


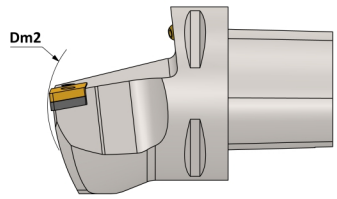
PDJN 93°

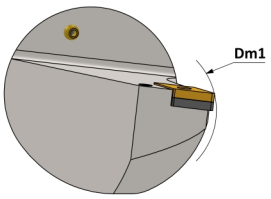
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 PDJNL 11-050 27	K10101174135122	KPS 40	40	90	145	50	27	DN..1104..
KPS4 PDJNR 11-050 27	K10101175135122	KPS 40	40	90	145	50	27	DN..1104..
KPS4 PDJNL 15-55 27	K10101174170122	KPS 40	40	110	145	55	27	DN..1506..
KPS4 PDJNR 15-55 27	K10101175170122	KPS 40	40	110	145	55	27	DN..1506..
KPS5 PDJNL 11-60 35	K10102174136124	KPS 50	50	110	165	60	35	DN..1104..
KPS5 PDJNR 11-60 35	K10102175136124	KPS 50	50	110	165	60	35	DN..1104..
KPS5 PDJNL 15-60 35	K10102174171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 PDJNR 15-60 35	K10102175171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 PDJNL 15-65 45	K10103174172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 PDJNR 15-65 45	K10103175172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 PDJNL 15-80 55	K10104174173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 PDJNR 15-80 55	K10104175184126	KPS 80	80	110	250	80	55	DN..1506..
KPS8X PDJNL 15-110 68	K10106174175147	KPS 80X	100	180	280	110	68	DN..1506..
KPS8X PDJNR 15-110 68	K10106175175147	KPS 80X	100	180	280	110	68	DN..1506..

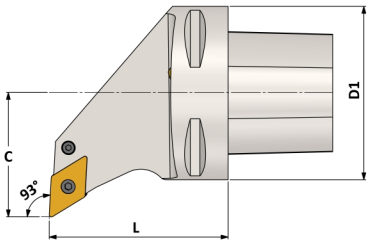
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
DN..1104..	512.060	513.060	515.018	511.060	514.118
DN..1506..	512.153	513.023	515.018	511.024	514.128

KPS (ISO 26623-1)
PDUN 93° EXTERNAL TURNING TOOL





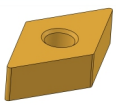
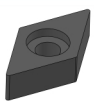




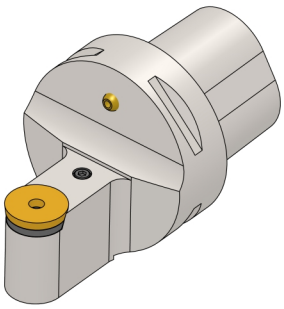
Rake Angle : -6°
Inclination Angle : -7°

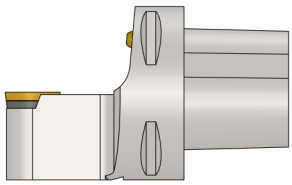
PDUN 93°

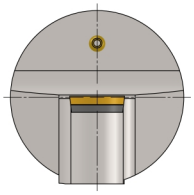
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 PDUNL 15-050 27	K10101176168122	KPS 40	40	110	140	50	27	DN..1506..
KPS4 PDUNR 15-050 27	K10101177168122	KPS 40	40	110	140	50	27	DN..1506..
KPS5 PDUNL 15-060 35	K10102176171124	KPS 50	50	110	165	60	35	DN..1506..
KPS5 PDUNR 15-060 35	K10102177171124	KPS 50	50	110	165	60	35	DN..1506..
KPS6 PDUNL 15-065 45	K10103176172125	KPS 63	63	110	190	65	45	DN..1506..
KPS6 PDUNR 15-065 45	K10103177172125	KPS 63	63	110	190	65	45	DN..1506..
KPS8 PDUNL 15-080 55	K10104176173126	KPS 80	80	110	250	80	55	DN..1506..
KPS8 PDUNR 15-080 55	K10104177173126	KPS 80	80	110	250	80	55	DN..1506..

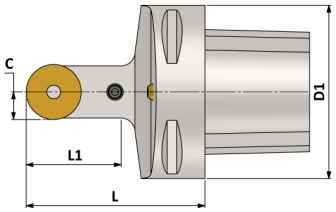
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
DN..1506..	512.153	513.023	515.018	511.024	514.128

KPS (ISO 26623-1)
PRDC EXTERNAL TURNING TOOL





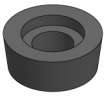
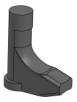




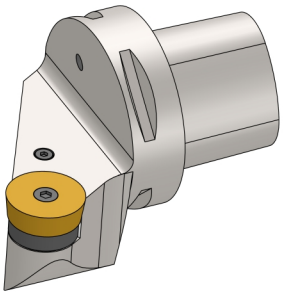
Rake Angle : 0°
Inclination Angle : 0°

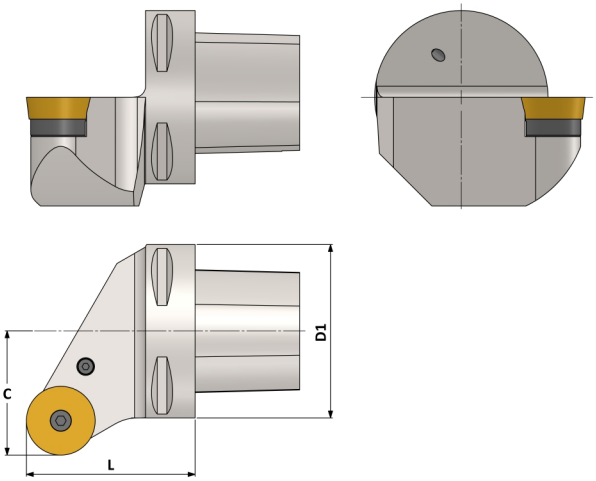
PRDC

Item Name	Item Code	KPS	D1	L	L1	C	INSERT
KPS6 PRDCN 25-065	K10103178231101	KPS 63	63	65	40	12.5	RC..2507M0..
KPS8 PRDCN 25-080	K10104178233101	KPS 80	80	80	40	12.5	RC..2507M0..
KPS8 PRDCN 32-080	K10104178234101	KPS 80	80	80	45	16	RC..3209M0..

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
RC..2507M0..	21485426	21485610	73398941	21485429	214398545
RC..3209M0..	21485427	21485611	73398918	21485430	73398545

KPS (ISO 26623-1)
PRSC EXTERNAL TURNING TOOL



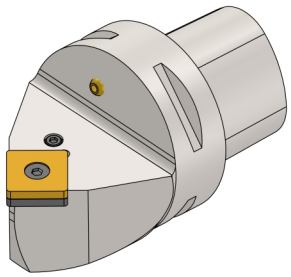


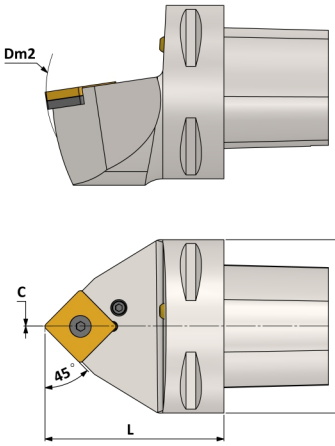
Rake Angle : 0°
Inclination Angle : 0°

PRSC						
Item Name	**Item Code**	**KPS**	**D1**	**L**	**C**	**INSERT**
KPS6 PRSCL 25-065 45	K10103179231125	KPS 63	63	65	45	RC..2507M0..
KPS6 PRSCR 25-065 45	K10103180231125	KPS 63	63	65	45	RC..2507M0..
KPS8 PRSCL 20-080 55	K10104179221126	KPS 80	80	80	55	RC..2006M0..
KPS8 PRSCR 20-080 55	K10104180221126	KPS 80	80	80	55	RC..2006M0..
KPS8 PRSCL 25-080 55	K10104179233126	KPS 80	80	80	55	RC..2507M0..
KPS8 PRSCR 25-080 55	K10104180233126	KPS 80	80	80	55	RC..2507M0..
KPS8 PRSCL 32-080 55	K10104179234126	KPS 80	80	80	55	RC..3209M0..
KPS8 PRSCR 32-080 55	K10104180234126	KPS 80	80	80	55	RC..3209M0..

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
RC..2006M0..	21485425	21485609	73398947	21485428	21485627
RC..2507M0..	21485426	21485610	73398941	21485429	214398545
RC..3209M0..	21485427	21485611	73398918	21485430	73398545

KPS (ISO 26623-1)
PSDN 45° EXTERNAL TURNING TOOL

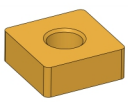
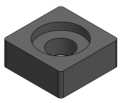




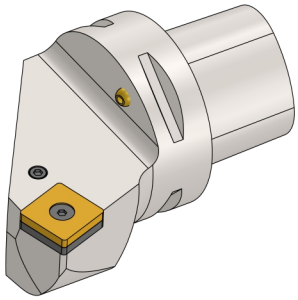
Rake Angle : -6°
Inclination Angle : -6°

PSDN 45°

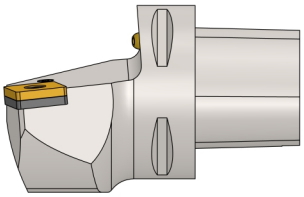
Item Name	Item Code	KPS	D1	Dm2 min.	L	C	INSERT
KPS4 PSDNN 12-050 0.3	K10101181153102	KPS 40	40	140	50	0.3	SN..1204..
KPS4 PSDNN 15-050 0.5	K10101181168103	KPS 40	40	140	50	0.5	SN..1506..
KPS5 PSDNN 12-060 0.3	K10102181156102	KPS 50	50	165	60	0.3	SN..1204..
KPS5 PSDNN 15-060 0.5	K10102181171103	KPS 50	50	165	60	0.5	SN..1506..
KPS5 PSDNN 19-060 0.5	K10102181215103	KPS 50	50	170	60	0.5	SN..1906..
KPS6 PSDNN 12-065 0.3	K10103181158102	KPS 63	63	190	65	0.3	SN..1204..
KPS6 PSDNN 15-065 0.5	K10103181172103	KPS 63	63	190	65	0.5	SN..1506..
KPS6 PSDNN 19-065 0.5	K10103181216103	KPS 63	63	195	65	0.5	SN..1906..
KPS6 PSDNN 25-065 1.0	K10103181231105	KPS 63	63	195	65	1.0	SN..2507..
KPS8 PSDNN 25-080 1.0	K10104181233105	KPS 80	80	250	80	1.0	SN..2507..

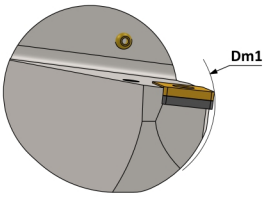
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
SN..1204..	512.063	513.023	515.018	511.023	514.123
SN..1506..	512.025	513.025	515.022	511.025	514.125
SN..1906..	512.083	513.033	515.022	511.033	514.133
SN..2507..	512.092	513.038	515.028	511.038	514.138

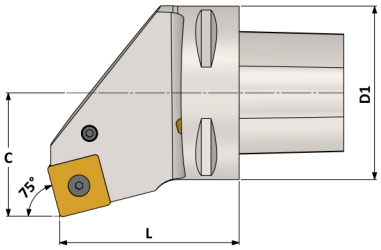
KPS (ISO 26623-1)
PSKN 75° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -6°



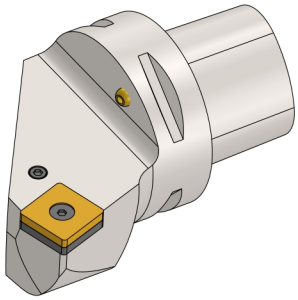


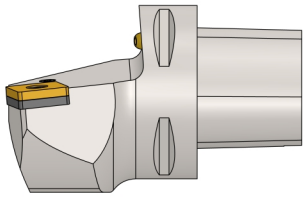


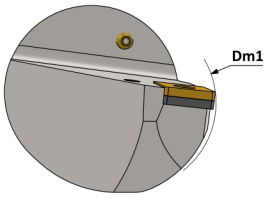
PSKN 75°

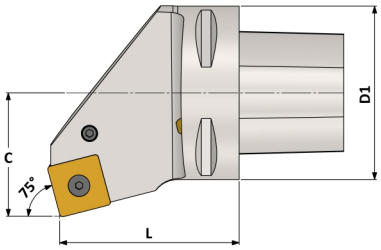
Item Name	Item Code	KPS	D1	Dm1 min	L	C	INSERT
KPS4 PSKNL 12-050 27	K10101182153122	KPS 40	40	110	50	27	SN..1204..
KPS4 PSKNR 12-050 27	K10101183153122	KPS 40	40	110	50	27	SN..1204..
KPS5 PSKNL 12-060 35	K10102182156124	KPS 50	50	110	60	35	SN..1204..
KPS5 PSKNR 12-060 35	K10102183156124	KPS 50	50	110	60	35	SN..1204..
KPS5 PSKNL 15-060 35	K10102182171124	KPS 50	50	125	60	35	SN..1506..
KPS5 PSKNR 15-060 35	K10102183171124	KPS 50	50	125	60	35	SN..1506..
KPS5 PSKNL 19-060 35	K10102182215124	KPS 50	50	125	60	35	SN..1906..
KPS5 PSKNR 19-060 35	K10102183215124	KPS 50	50	125	60	35	SN..1906..
KPS6 PSKNL 12-065 45	K10103182158125	KPS 63	63	110	65	45	SN..1204..
KPS6 PSKNR 12-065 45	K10103183158125	KPS 63	63	110	65	45	SN..1204..
KPS6 PSKNL 15-065 45	K10103182172125	KPS 63	63	125	65	45	SN..1506..
KPS6 PSKNR 15-065 45	K10103183172125	KPS 63	63	125	65	45	SN..1506..
KPS6 PSKNL 19-065 45	K10103182216125	KPS 63	63	125	65	45	SN..1906..
KPS6 PSKNR 19-065 45	K10103183216125	KPS 63	63	125	65	45	SN..1906..

KPS (ISO 26623-1)
PSKN 75° EXTERNAL TURNING TOOL



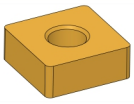
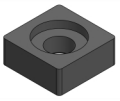




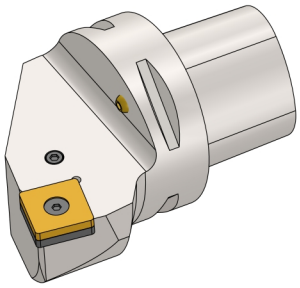


Rake Angle : -6°
Inclination Angle : -6°

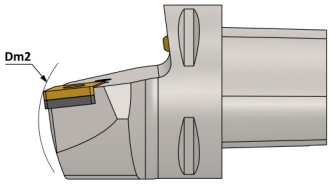
PSKN 75°							
Item Name	**Item Code**	**KPS**	**D1**	**Dm1 min**	**L**	**C**	**INSERT**
KPS8 PSKNL 19-080 55	K10104182218126	KPS 80	80	125	80	55	SN..1906..
KPS8 PSKNR 19-080 55	K10104183218126	KPS 80	80	125	80	55	SN..1906..
KPS8 PSKNL 25-080 55	K10104182233126	KPS 80	80	150	80	55	SN..2507..
KPS8 PSKNR 25-080 55	K10104183233126	KPS 80	80	150	80	55	SN..2507..

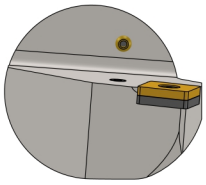
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
SN..1204..	512.063	513.023	515.018	511.023	514.123
SN..1506..	512.025	513.025	515.022	511.025	514.125
SN..1906..	512.083	513.033	515.022	511.033	514.133
SN..2507..	512.092	513.038	515.028	511.038	514.138

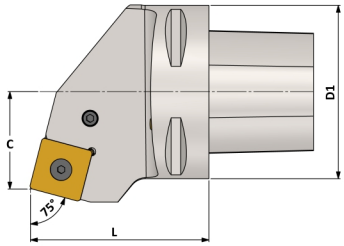
KPS (ISO 26623-1)
PSRN 75° EXTERNAL TURNING TOOL



Rake Angle : -6°
Inclination Angle : -6°



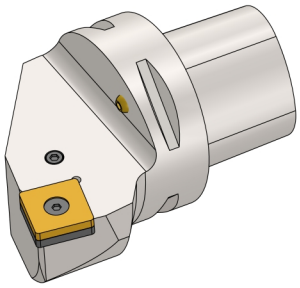


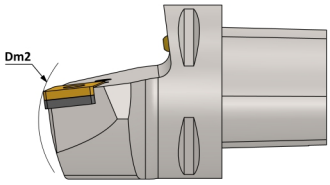


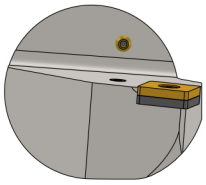
PSRN 75°

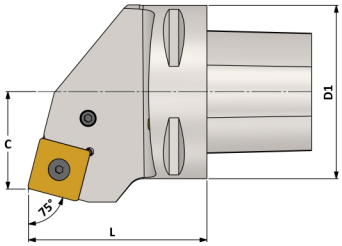
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 PSRNL 12-040 17	K10107184149118	KPS 32	32	124	40	17	SN..1204..
KPS3 PSRNR 12-040 17	K10107185149118	KPS 32	32	124	40	17	SN..1204..
KPS4 PSRNL 12-050 22	K10101184153121	KPS 40	40	140	50	22	SN..1204..
KPS4 PSRNR 12-050 22	K10101185153121	KPS 40	40	140	50	22	SN..1204..
KPS5 PSRNL 12-060 27	K10102184156122	KPS 50	50	165	60	27	SN..1204..
KPS5 PSRNR 12-060 27	K10102185156122	KPS 50	50	165	60	27	SN..1204..
KPS5 PSRNL 15-060 27	K10102184171122	KPS 50	50	165	60	27	SN..1506..
KPS5 PSRNR 15-060 27	K10102185171122	KPS 50	50	165	60	27	SN..1506..
KPS5 PSRNL 19-060 27	K10102184215122	KPS 50	50	165	60	27	SN..1906..
KPS5 PSRNR 19-060 27	K10102185215122	KPS 50	50	165	60	27	SN..1906..

KPS (ISO 26623-1)
PSRN 75° EXTERNAL TURNING TOOL





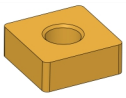
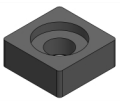




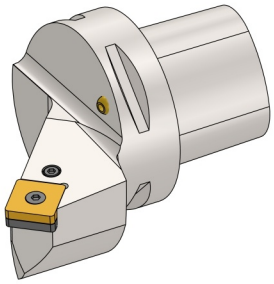
Rake Angle : -6°
Inclination Angle : -6°

PSRN 75°

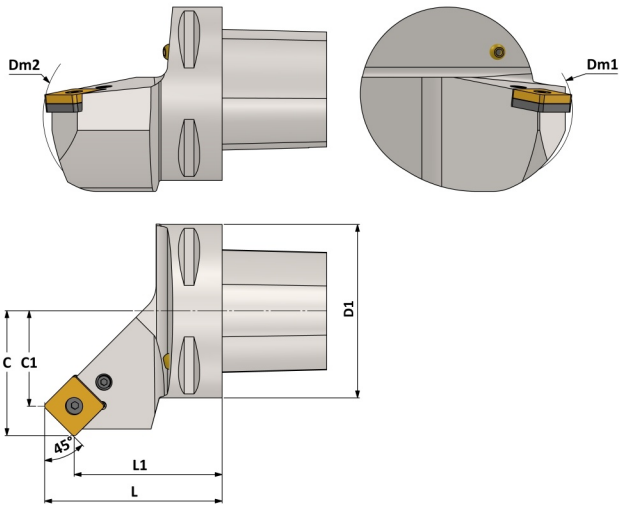
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS6 PSRNL 12-065 35	K10103184158124	KPS 63	63	190	65	35	SN..1204..
KPS6 PSRNR 12-065 35	K10103185158124	KPS 63	63	190	65	35	SN..1204..
KPS6 PSRNL 15-065 35	K10103184172124	KPS 63	63	190	65	35	SN..1506..
KPS6 PSRNR 15-065 35	K10103185172124	KPS 63	63	190	65	35	SN..1506..
KPS6 PSRNL 19-065 35	K10103184216124	KPS 63	63	190	65	35	SN..1906..
KPS6 PSRNR 19-065 35	K10103185216124	KPS 63	63	190	65	35	SN..1906..
KPS8 PSRNL 19-080 45	K10104184218125	KPS 80	80	250	80	45	SN..1906..
KPS8 PSRNR 19-080 45	K10104185218125	KPS 80	80	250	80	45	SN..1906..
KPS8 PSRNL 25-080 45	K10104184233125	KPS 80	80	250	80	45	SN..2507..
KPS8 PSRNR 25-080 45	K10104185233125	KPS 80	80	250	80	45	SN..2507..

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
SN..1204..	512.063	513.023	515.018	511.023	514.123
SN..1506..	512.025	513.025	515.022	511.025	514.125
SN..1906..	512.083	513.033	515.022	511.033	514.133
SN..2507..	512.092	513.038	515.028	511.038	514.138

KPS (ISO 26623-1)
PSSN 45° EXTERNAL TURNING TOOL



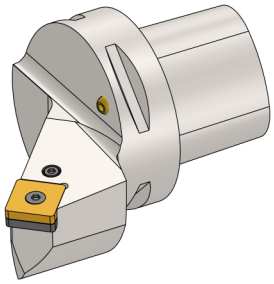
Rake Angle : -8°
Inclination Angle : 0°



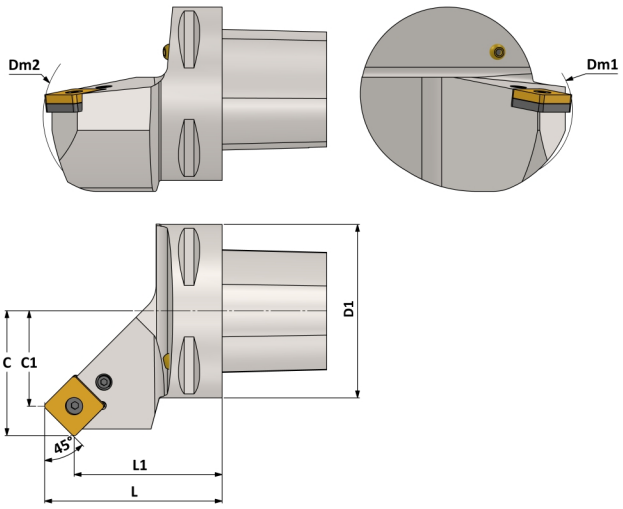
PSSN 45°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	L1	C	C1	INSERT
KPS3 PSSNL 12-032 22	K10107186148121	KPS 32	32	60	124	40.3	32	22	13.7	SN..1204..
KPS3 PSSNR 12-032 22	K10107187148121	KPS 32	32	60	124	40.3	32	22	13.7	SN..1204..
KPS4 PSSNL 12-042 27	K10101186150122	KPS 40	40	110	140	50.3	42	27	18.7	SN..1204..
KPS4 PSSNR 12-042 27	K10101187150122	KPS 40	40	110	140	50.3	42	27	18.7	SN..1204..
KPS5 PSSNL 12-052 35	K10102186154124	KPS 50	50	110	165	60.3	52	35	26.7	SN..1204..
KPS5 PSSNR 12-052 35	K10102187154124	KPS 50	50	110	165	60.3	52	35	26.7	SN..1204..

KPS (ISO 26623-1)
PSSN 45° EXTERNAL TURNING TOOL

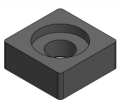


Rake Angle : -8°
Inclination Angle : 0°



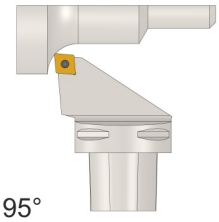
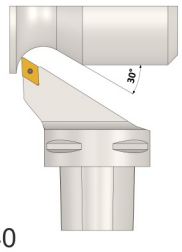
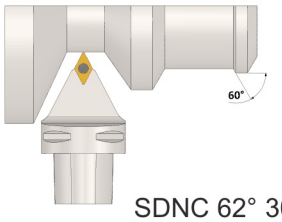
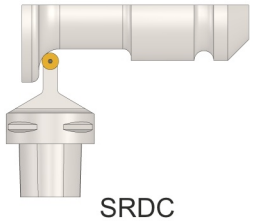
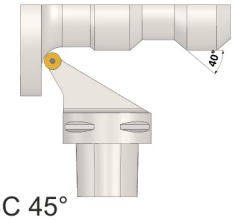
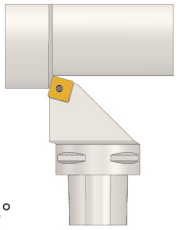
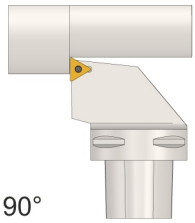
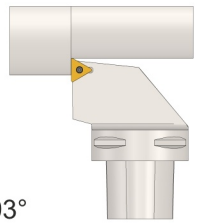
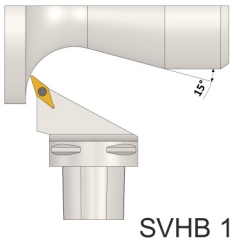
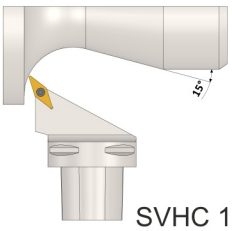
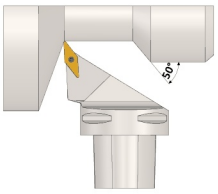
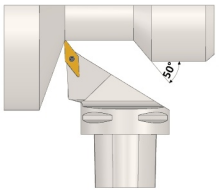
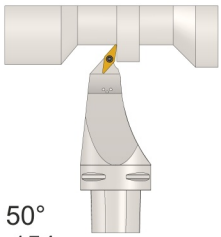
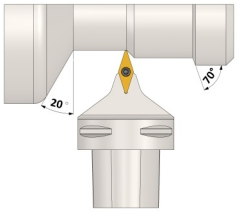
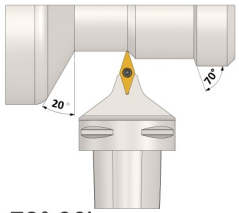
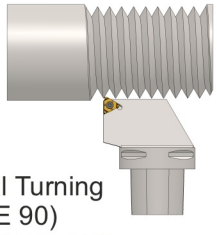
PSSN 45°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	L1	C	C1	INSERT
KPS6 PSSNL 12-056 45	K10103186155125	KPS 63	63	110	190	64.3	56	45	36.7	SN..1204..
KPS6 PSSNR 12-056 45	K10103187155125	KPS 63	63	110	190	64.3	56	45	36.7	SN..1204..
KPS6 PSSNL 15-054 45	K10103186169125	KPS 63	63	125	190	64.2	54	45	34.8	SN..1506..
KPS6 PSSNR 15-054 45	K10103187169125	KPS 63	63	125	190	64.2	54	45	34.8	SN..1506..
KPS6 PSSNL 19-052 45	K10103186214125	KPS 63	63	125	190	64.5	52	45	32.5	SN..1906..
KPS6 PSSNR 19-052 45	K10103187214125	KPS 63	63	125	190	64.5	52	45	32.5	SN..1906..
KPS8 PSSNL 12-080 55	K10104186159126	KPS 80	80	200	260	88.3	80	55	-	SN..1204..
KPS8 PSSNR 12-080 55	K10104187159126	KPS 80	80	200	260	88.3	80	55	-	SN..1204..
KPS8 PSSNL 19-080 55	K10104186218126	KPS 80	80	200	260	92.5	80	55	-	SN..1906..
KPS8 PSSNR 19-080 55	K10104187218126	KPS 80	80	200	260	92.5	80	55	-	SN..1906..
KPS8 PSSNL 25-070 55	K10104186232126	KPS 80	80	150	256	86	70	55	39	SN..2507..
KPS8 PSSNR 25-070 55	K10104187232126	KPS 80	80	150	256	86	70	55	39	SN..2507..
KPS8X PSSNL 19-092 68	K10106186283147	KPS 80X	100	260	315	104.5	92	68	-	SN..1906..
KPS8X PSSNR 19-092 68	K10106187283147	KPS 80X	100	260	315	104.5	92	68	-	SN..1906..

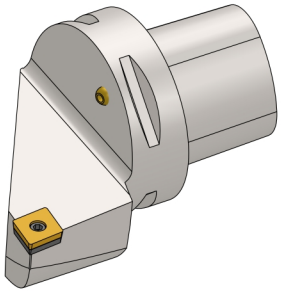
INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
SN..1204..	512.063	513.023	515.018	511.023	514.123
SN..1506..	512.025	513.025	515.022	511.025	514.125
SN..1906..	512.083	513.033	515.022	511.033	514.133
SN..2507..	512.092	513.038	515.028	511.038	514.138

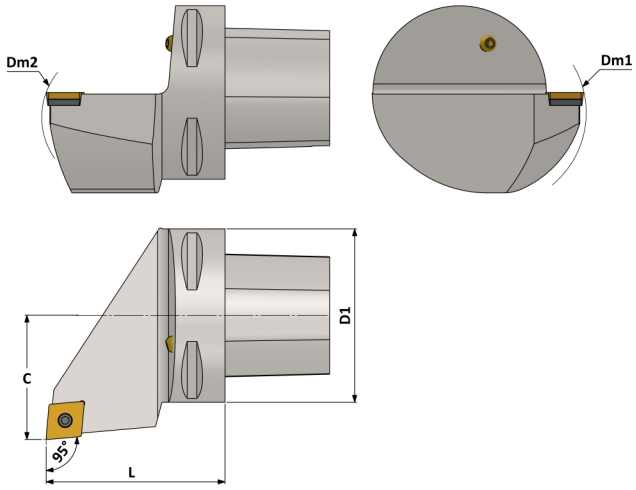
INDEX

S-Type External Turning Tool

 SCLC 95° Pg No. 139	 SDJC 93° Pg No. 140	 SDNC 62° 30' Pg No. 141	 SRDC Pg No. 142 - 143
 SRSC 45° Pg No. 144 - 146	 SSRC 75° Pg No. 147	 STGC 90° Pg No. 148	 STJC 93° Pg No. 149
 SVHB 107° 30' Pg No. 150	 SVHC 107° 30' Pg No. 151	 SVJB 93° Pg No. 152	 SVJC 93° Pg No. 153
 SVMB 50° Pg No. 154	 SVVB 72° 30' Pg No. 155	 SVVC 72° 30' Pg No. 156	 External Turning Tool (SE 90) Pg No. 157 - 158

KPS (ISO 26623-1)
SCLC 95° EXTERNAL TURNING TOOL

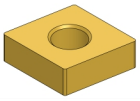
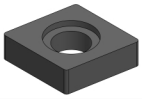
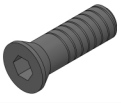




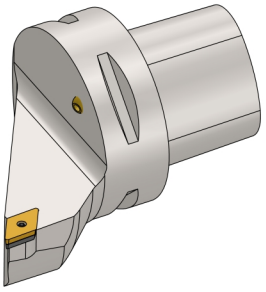
Rake Angle : 0°
Inclination Angle : 0°

SCLC 95°

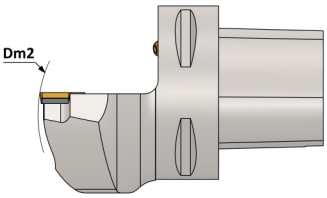
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SCLCL 09-040 22	K10107188120121	KPS 32	32	80	124	40	22	CC.09T3..
KPS3 SCLCR 09-040 22	K10107189120121	KPS 32	32	80	124	40	22	CC.09T3..
KPS3 SCLCL 12-040 22	K10107188149121	KPS 32	32	110	124	40	22	CC..1204..
KPS3 SCLCR 12-040 22	K10107189149121	KPS 32	32	110	124	40	22	CC..1204..
KPS4 SCLCL 09-050 27	K10101188121122	KPS 40	40	80	140	50	27	CC.09T3..
KPS4 SCLCR 09-050 27	K10101189121122	KPS 40	40	80	140	50	27	CC.09T3..
KPS4 SCLCL 12-050 27	K10101188153122	KPS 40	40	110	140	50	27	CC..1204..
KPS4 SCLCR 12-050 27	K10101189153122	KPS 40	40	110	140	50	27	CC..1204..
KPS5 SCLCL 09-060 35	K10102188122124	KPS 50	50	80	165	60	35	CC.09T3..
KPS5 SCLCR 09-060 35	K10102189122124	KPS 50	50	80	165	60	35	CC.09T3..
KPS5 SCLCL 12-060 35	K10102188156124	KPS 50	50	110	165	60	35	CC..1204..
KPS5 SCLCR 12-060 35	K10102189156124	KPS 50	50	110	165	60	35	CC..1204..
KPS6 SCLCL 09-065 45	K10103188123125	KPS 63	63	80	190	65	45	CC.09T3..
KPS6 SCLCR 09-065 45	K10103189123125	KPS 63	63	80	190	65	45	CC.09T3..
KPS6 SCLCL 12-065 45	K10103188158125	KPS 63	63	110	190	65	45	CC..1204..
KPS6 SCLCR 12-065 45	K10103189158125	KPS 63	63	110	190	65	45	CC..1204..

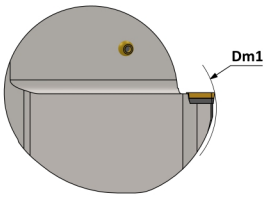
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
CC.09T3..	SKCP343	SRS3	MS1156
CC..1204..	SKCP453	SRS4	MS1158

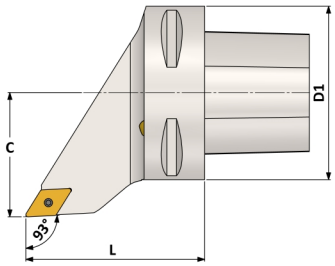
KPS (ISO 26623-1)
SDJC 93° EXTERNAL TURNING TOOL



Rake Angle : 0°
Inclination Angle : 0°

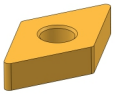
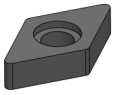
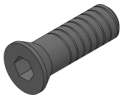
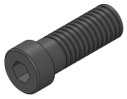




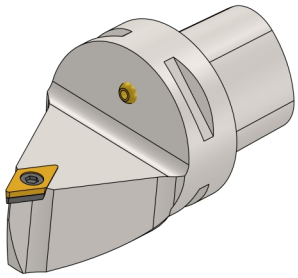


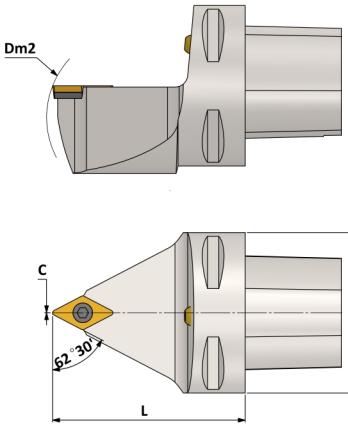
SDJC 93°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SDJCL 07-040 22	K10107190107121	KPS 32	32	80	124	40	22	DC..0702..
KPS3 SDJCR 07-040 22	K10107191107121	KPS 32	32	80	124	40	22	DC..0702..
KPS3 SDJCL 11-040 22	K10107190133121	KPS 32	32	110	124	40	22	DC..11T3..
KPS3 SDJCR 11-040 22	K10107191133121	KPS 32	32	110	124	40	22	DC..11T3..
KPS4 SDJCL 07-050 27	K10101190108122	KPS 40	40	80	140	50	27	DC..0702..
KPS4 SDJCR 07-050 27	K10101191108122	KPS 40	40	80	140	50	27	DC..0702..
KPS4 SDJCL 11-050 27	K10101190135122	KPS 40	40	110	140	50	27	DC..11T3..
KPS4 SDJCR 11-050 27	K10101191135122	KPS 40	40	110	140	50	27	DC..11T3..
KPS5 SDJCL 11-060 35	K10102190136124	KPS 50	50	110	165	60	35	DC..11T3..
KPS5 SDJCR 11-060 35	K10102191136124	KPS 50	50	110	165	60	35	DC..11T3..
KPS6 SDJCL 11-065 45	K10103190138125	KPS 63	63	110	190	65	45	DC..11T3..
KPS6 SDJCR 11-065 45	K10103191138125	KPS 63	63	110	190	65	45	DC..11T3..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
DC..0702..	-	-	MS1153
DC..11T3..	SKDP343	SRS3	MS1156

KPS (ISO 26623-1)
SDNC 62°30' EXTERNAL TURNING TOOL

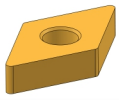
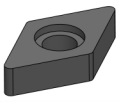




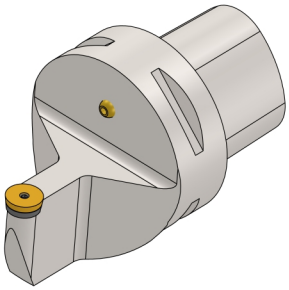
Rake Angle : 0°
Inclination Angle : 0°

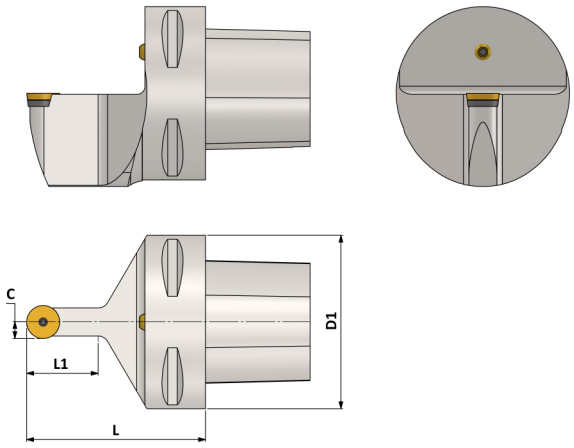
SDNC 62°30'

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 SDNCN 11-040 0.5	K10107192133103	KPS 32	32	124	40	0.5	DC..11T3..
KPS4 SDNCN 11-050 0.5	K10101192135103	KPS 40	40	140	50	0.5	DC..11T3..
KPS5 SDNCN 11-060 0.5	K10102192136103	KPS 50	50	165	60	0.5	DC..11T3..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
DC..11T3..	SKDP343	SRS3	MS1156

KPS (ISO 26623-1)
SRDC EXTERNAL TURNING TOOL



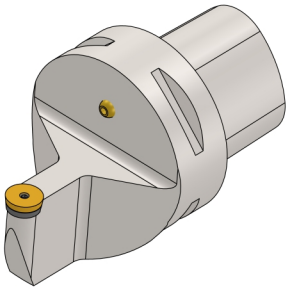


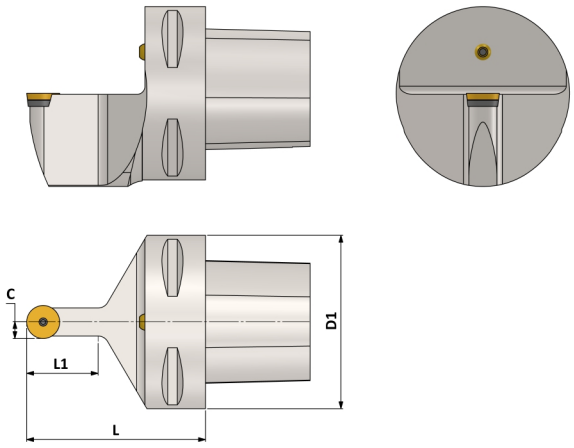
Rake Angle : 0°
Inclination Angle : 0°

SRDC

Item Name	Item Code	KPS	D1	L	L1	C	INSERT
KPS3 SRDCN 06-040 03	K10107197101107	KPS 32	32	40	12	3	RC..0602M0..
KPS3 SRDCN 08-040 04	K10107197111108	KPS 32	32	40	16	4	RC..0803M0..
KPS3 SRDCN 10-040 05	K10107197129109	KPS 32	32	40	20	5	RC..10T3M0..
KPS4 SRDCN 06-050 03	K10101197102107	KPS 40	40	50	12	3	RC..0602M0..
KPS4 SRDCN 08-050 04	K10101197112108	KPS 40	40	50	16	4	RC..0803M0..
KPS4 SRDCN 10-050 05	K10101197130109	KPS 40	40	50	25	5	RC..10T3M0..
KPS4 SRDCN 12-050 06	K10101197153110	KPS 40	40	50	28	6	RC..1204M0..
KPS5 SRDCN 06-060 03	K10102197103107	KPS 50	50	60	12	3	RC..0602M0..
KPS5 SRDCN 08-060 04	K10102197113108	KPS 50	50	60	16	4	RC..0803M0..
KPS5 SRDCN 10-060 05	K10102197131109	KPS 50	50	60	25	5	RC..10T3M0..
KPS5 SRDCN 12-060 06	K10102197156110	KPS 50	50	60	28	6	RC..1204M0..
KPS5 SRDCN 16-060 08	K10102197188111	KPS 50	50	60	35	8	RC..1606M0..
KPS5 SRDCN 20-060 10	K10102197219112	KPS 50	50	60	40	10	RC..2006M0..

KPS (ISO 26623-1)
SRDC EXTERNAL TURNING TOOL

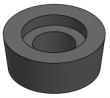
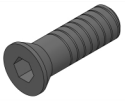




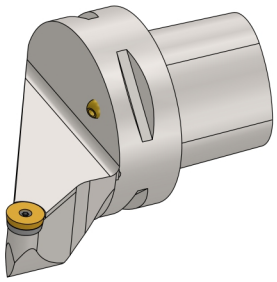
Rake Angle : 0°
Inclination Angle : 0°

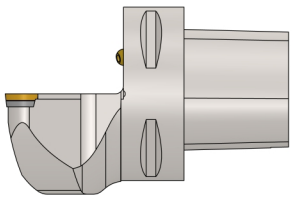
SRDC

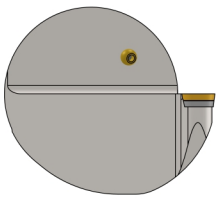
Item Name	Item Code	KPS	D1	L	L1	C	INSERT
KPS6 SRDCN 10-065 05	K10103197132109	KPS 63	63	65	25	5	RC..10T3M0..
KPS6 SRDCN 12-065 06	K10103197158110	KPS 63	63	65	28	6	RC..1204M0..
KPS6 SRDCN 16-065 08	K10103197191111	KPS 63	63	65	35	8	RC..1606M0..
KPS6 SRDCN 20-065 10	K10103197220112	KPS 63	63	65	40	10	RC..2006M0..

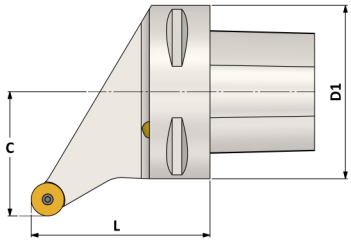
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
RC..0602M0..	-	-	MS1153
RC..0803M0..	-	-	MS1154
RC..10T3M0..	SKRN100300	SRS3	MS1156
RC..1204M0..	SKRN1203M0	SRS3	MS1156
RC..1606M0..	SKRN160400	SRS5	MS1160
RC..2006M0..	-	-	-

KPS (ISO 26623-1)
SRSC 45° EXTERNAL TURNING TOOL







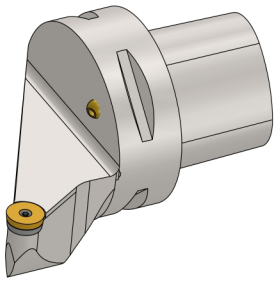


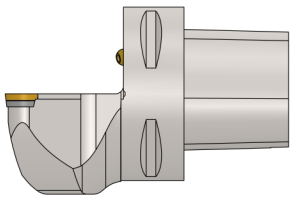
Rake Angle : 0°
Inclination Angle : 0°

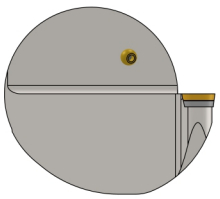
SRSC 45°

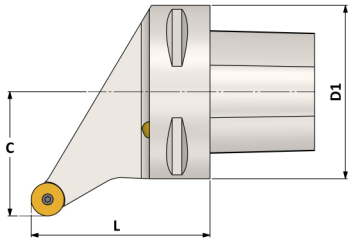
Item Name	Item Code	KPS	D1	L	C	INSERT
KPS3 SRSCL 06-040 22	K10107198101121	KPS 32	32	40	22	RC..0602M0..
KPS3 SRSCR 06-040 22	K10107199101121	KPS 32	32	40	22	RC..0602M0..
KPS3 SRSCL 08-040 22	K10107198111121	KPS 32	32	40	22	RC..0803M0..
KPS3 SRSCR 08-040 22	K10107199111121	KPS 32	32	40	22	RC..0803M0..
KPS3 SRSCL 10-040 22	K10107198129121	KPS 32	32	40	22	RC..10T3M0..
KPS3 SRSCR 10-040 22	K10107199129121	KPS 32	32	40	22	RC..10T3M0..
KPS4 SRSCL 06-050 27	K10101198102122	KPS 40	40	50	27	RC..0602M0..
KPS4 SRSCR 06-050 27	K10101199102122	KPS 40	40	50	27	RC..0602M0..
KPS4 SRSCL 08-050 27	K10101198112122	KPS 40	40	50	27	RC..0803M0..
KPS4 SRSCR 08-050 27	K10101199112122	KPS 40	40	50	27	RC..0803M0..
KPS4 SRSCL 10-050 27	K10101198130122	KPS 40	40	50	27	RC..10T3M0..
KPS4 SRSCR 10-050 27	K10101199130122	KPS 40	40	50	27	RC..10T3M0..
KPS4 SRSCL 12-050 27	K10101198153122	KPS 40	40	50	27	RC..1204M0..
KPS4 SRSCR 12-050 27	K10101199153122	KPS 40	40	50	27	RC..1204M0..

KPS (ISO 26623-1)
SRSC 45° EXTERNAL TURNING TOOL







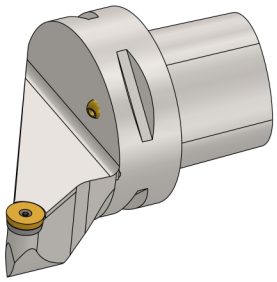


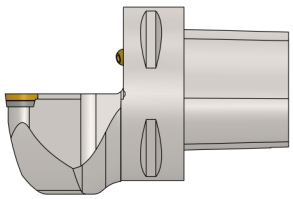
Rake Angle : 0°
Inclination Angle : 0°

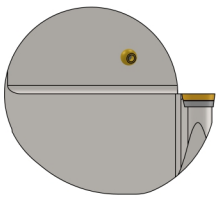
SRSC 45°

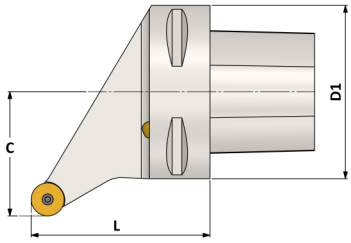
Item Name	Item Code	KPS	D1	L	C	INSERT
KPS5 SRSCL 06-060 35	K10102198103124	KPS 50	50	60	35	RC..0602M0..
KPS5 SRSCR 06-060 35	K10102199103124	KPS 50	50	60	35	RC..0602M0..
KPS5 SRSCL 08-060 35	K10102198113124	KPS 50	50	60	35	RC..0803M0..
KPS5 SRSCR 08-060 35	K10102199113124	KPS 50	50	60	35	RC..0803M0..
KPS5 SRSCL 10-060 35	K10102198131124	KPS 50	50	60	35	RC..10T3M0..
KPS5 SRSCR 10-060 35	K10102199131124	KPS 50	50	60	35	RC..10T3M0..
KPS5 SRSCL 12-060 35	K10102198156124	KPS 50	50	60	35	RC..1204M0..
KPS5 SRSCR 12-060 35	K10102199156124	KPS 50	50	60	35	RC..1204M0..
KPS5 SRSCL 16-060 35	K10102198188124	KPS 50	50	60	35	RC..1606M0..
KPS5 SRSCR 16-060 35	K10102199188124	KPS 50	50	60	35	RC..1606M0..
KPS5 SRSCL 20-060 35	K10102198219124	KPS 50	50	60	35	RC..2006M0..
KPS5 SRSCR 20-060 35	K10102199219124	KPS 50	50	60	35	RC..2006M0..

KPS (ISO 26623-1)
SRSC 45° EXTERNAL TURNING TOOL





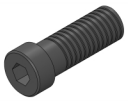




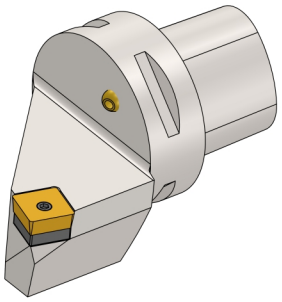
Rake Angle : 0°
Inclination Angle : 0°

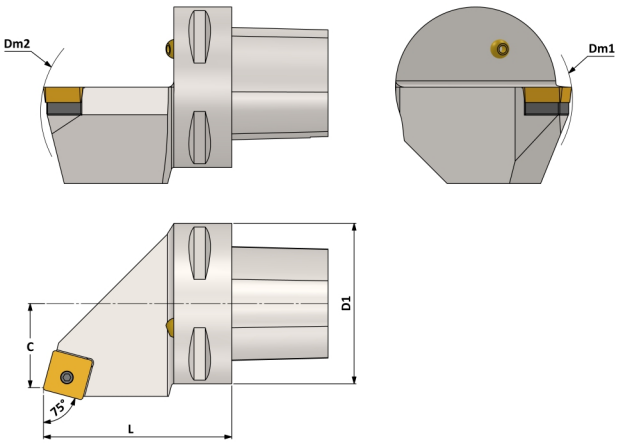
SRSC 45°

Item Name	Item Code	KPS	D1	L	C	INSERT
KPS6 SRSCL 10-065 45	K10103198132125	KPS 63	63	65	45	RC..10T3M0..
KPS6 SRSCR 10-065 45	K10103199132125	KPS 63	63	65	45	RC..10T3M0..
KPS6 SRSCL 12-065 45	K10103198158125	KPS 63	63	65	45	RC..1204M0..
KPS6 SRSCR 12-065 45	K10103199158125	KPS 63	63	65	45	RC..1204M0..
KPS6 SRSCL 16-065 45	K10103198191125	KPS 63	63	65	45	RC..1606M0..
KPS6 SRSCR 16-065 45	K10103199191125	KPS 63	63	65	45	RC..1606M0..
KPS6 SRSCL 20-065 45	K10103198220125	KPS 63	63	65	45	RC..2006M0..
KPS6 SRSCR 20-065 45	K10103199220125	KPS 63	63	65	45	RC..2006M0..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
RC..0602M0..	-	-	MS1153
RC..0803M0..	-	-	MS1154
RC..10T3M0..	SKRN100300	SRS3	MS1156
RC..1204M0..	SKRN1203M0	SRS3	MS1156
RC..1606M0..	SKRN160400	SRS5	MS1160
RC..2006M0..	-	-	-

KPS (ISO 26623-1)
SSRC 75° EXTERNAL TURNING TOOL

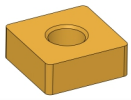
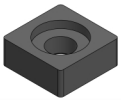
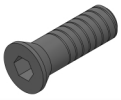




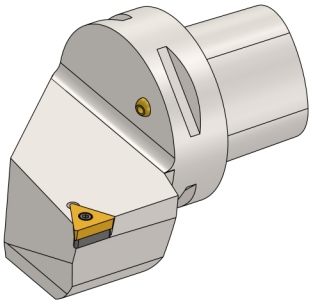
Rake Angle : 0°
Inclination Angle : 0°

SSRC 75°

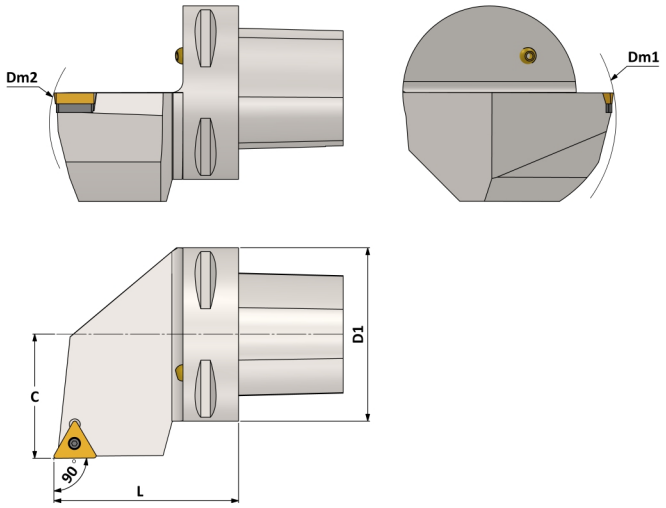
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS4 SSRCL 12-050 22	K10101202153121	KPS 40	40	110	140	50	22	SC..1204..
KPS4 SSRCR 12-050 22	K10101203153121	KPS 40	40	110	140	50	22	SC..1204..
KPS5 SSRCL 12-060 27	K10102202156122	KPS 50	50	110	165	60	27	SC..1204..
KPS5 SSRCR 12-060 27	K10102203156122	KPS 50	50	110	165	60	27	SC..1204..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
SC..1204..	SKSP453	SRS4	MS1158

KPS (ISO 26623-1)
STGC 90° EXTERNAL TURNING TOOL

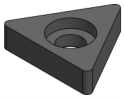
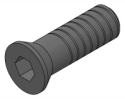


Rake Angle : 0°
Inclination Angle : 0°

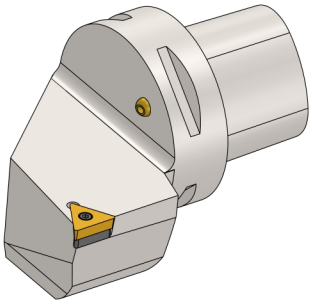


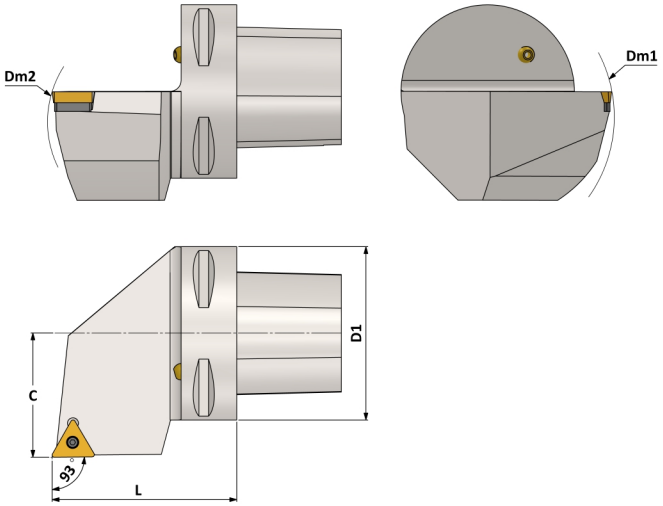
STGC 90°

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 STGCL 11-040 22	K10107206133121	KPS 32	32	80	124	40	22	TC..1102..
KPS3 STGCR 11-040 22	K10107207133121	KPS 32	32	80	124	40	22	TC..1102..
KPS3 STGCL 16-040 22	K10107206185121	KPS 32	32	110	124	40	22	TC..16T3..
KPS3 STGCR 16-040 22	K10107207185121	KPS 32	32	110	124	40	22	TC..16T3..
KPS4 STGCL 11-050 27	K10101206135122	KPS 40	40	80	140	50	27	TC..1102..
KPS4 STGCR 11-050 27	K10101207135122	KPS 40	40	80	140	50	27	TC..1102..
KPS4 STGCL 16-050 27	K10101206186122	KPS 40	40	110	140	50	27	TC..16T3..
KPS4 STGCR 16-050 27	K10101207186122	KPS 40	40	110	140	50	27	TC..16T3..
KPS5 STGCL 16-060 35	K10102206188124	KPS 50	50	110	165	60	35	TC..16T3..
KPS5 STGCR 16-060 35	K10102207188124	KPS 50	50	110	165	60	35	TC..16T3..
KPS6 STGCL 16-065 45	K10103206191125	KPS 63	63	110	190	65	45	TC..16T3..
KPS6 STGCR 16-065 45	K10103207191125	KPS 63	63	110	190	65	45	TC..16T3..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
TC..1102..	-	-	MS1153
TC..16T3..	SKTP343	SRS3	MS1156

KPS (ISO 26623-1)
STJC 93° EXTERNAL TURNING TOOL

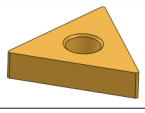
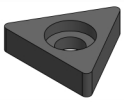
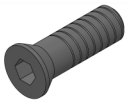
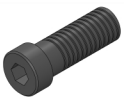




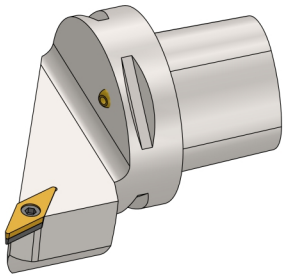
Rake Angle : 0°
Inclination Angle : 0°

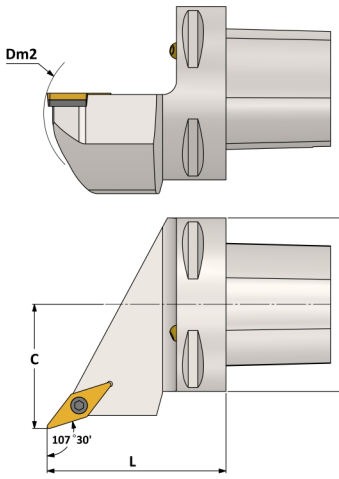
STJC 93°

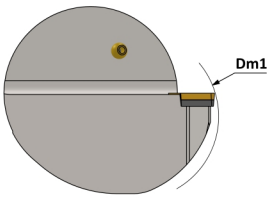
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 STJCL 11-040 22	K10107208133121	KPS 32	32	80	124	40	22	TC..1102..
KPS3 STJCR 11-040 22	K10107209133121	KPS 32	32	80	124	40	22	TC..1102..
KPS3 STJCL 16-040 22	K10107208185121	KPS 32	32	110	124	40	22	TC..16T3..
KPS3 STJCR 16-040 22	K10107209185121	KPS 32	32	110	124	40	22	TC..16T3..
KPS4 STJCL 11-050 27	K10101208135122	KPS 40	40	80	140	50	27	TC..1102..
KPS4 STJCR 11-050 27	K10101209135122	KPS 40	40	80	140	50	27	TC..1102..
KPS4 STJCL 16-050 27	K10101208186122	KPS 40	40	110	140	50	27	TC..16T3..
KPS4 STJCR 16-050 27	K10101209186122	KPS 40	40	110	140	50	27	TC..16T3..
KPS5 STJCL 16-060 35	K10102208188124	KPS 50	50	110	165	60	35	TC..16T3..
KPS5 STJCR 16-060 35	K10102209188124	KPS 50	50	110	165	60	35	TC..16T3..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
TC..1102..	-	-	MS1153
TC..16T3..	SKTP343	SRS3	MS1156

KPS (ISO 26623-1)
SVHB 107°30' EXTERNAL TURNING TOOL



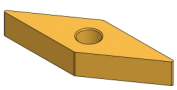
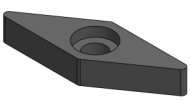




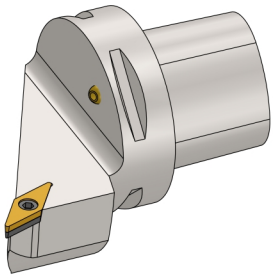
Rake Angle : 0°
Inclination Angle : 0°

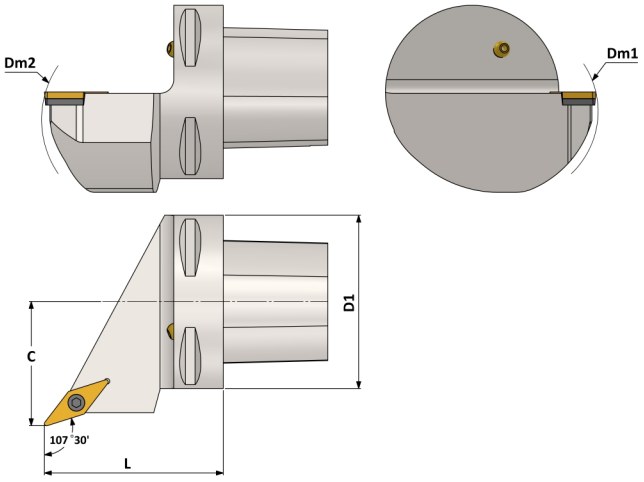
SVHB 107°30'

Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SVHBL 11-040 22	K10107210133121	KPS 32	32	55	116	40	22	VB..1103..
KPS3 SVHBR 11-040 22	K10107211133121	KPS 32	32	55	116	40	22	VB..1103..
KPS4 SVHBL 11-050 27	K10101210135122	KPS 40	40	55	140	50	27	VB..1103..
KPS4 SVHBR 11-050 27	K10101211135122	KPS 40	40	55	140	50	27	VB..1103..
KPS4 SVHBL 16-50 27	K10101210207122	KPS 40	40	110	140	50	27	VB..1604..
KPS4 SVHBR 16-50 27	K10101211207122	KPS 40	40	110	140	50	27	VB..1604..
KPS5 SVHBL 16-60 35	K10102210208124	KPS 50	50	110	165	60	35	VB..1604..
KPS5 SVHBR 16-60 35	K10102211208124	KPS 50	50	110	165	60	35	VB..1604..
KPS6 SVHBL 16-65 45	K10103210209125	KPS 63	63	110	190	65	45	VB..1604..
KPS6 SVHBR 16-65 45	K10103211209125	KPS 63	63	110	190	65	45	VB..1604..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VB..1103..			MS1153
VB..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVHC 107°30' EXTERNAL TURNING TOOL

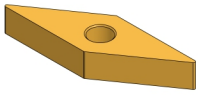
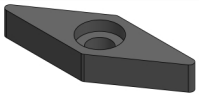
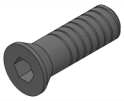
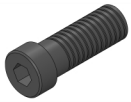




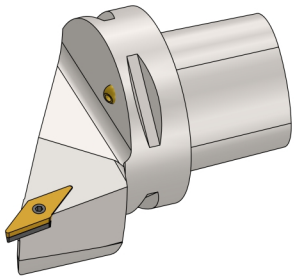
Rake Angle : 0°
Inclination Angle : 0°

SVHC 107°30'

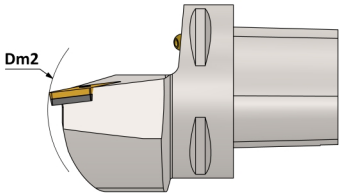
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SVHCL 11-040 22	K10107212133121	KPS 32	32	80	124	40	22	VC..1103..
KPS3 SVHCR 11-040 22	K10107213133121	KPS 32	32	80	124	40	22	VC..1103..
KPS4 SVHCL 11-050 27	K10101212146122	KPS 40	40	80	140	50	27	VC..1103..
KPS4 SVHCR 11-050 27	K10101212146122	KPS 40	40	80	140	50	27	VC..1103..
KPS4 SVHCL 16-050 27	K10101212207122	KPS 40	40	110	140	50	27	VC..1604..
KPS4 SVHCR 16-050 27	K10101213207122	KPS 40	40	110	140	50	27	VC..1604..
KPS5 SVHCL 11-060 35	K10102212136124	KPS 50	50	80	165	60	35	VC..1103..
KPS5 SVHCR 11-060 35	K10102213136124	KPS 50	50	80	165	60	35	VC..1103..
KPS5 SVHCL 16-060 35	K10102212208124	KPS 50	50	110	165	60	35	VC..1604..
KPS5 SVHCR 16-060 35	K10102213208124	KPS 50	50	110	165	60	35	VC..1604..
KPS6 SVHCL 16-065 45	K10103212209125	KPS 63	63	110	190	65	45	VC..1604..
KPS6 SVHCR 16-065 45	K10103213209125	KPS 63	63	110	190	65	45	VC..1604..

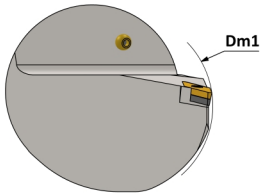
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VC..1103..	-	-	MS1153
VC..1604..	SKVN343	SRS3	MS1156

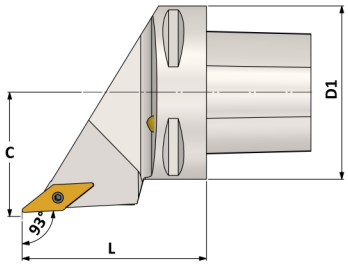
KPS (ISO 26623-1)
SVJB 93° EXTERNAL TURNING TOOL



Rake Angle : 0°
Inclination Angle : 0°

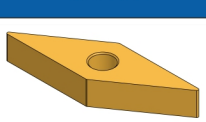
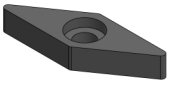
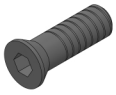
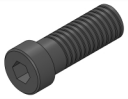




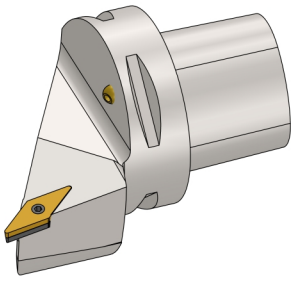


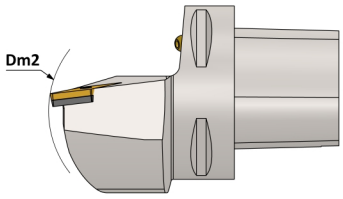
SVJB 93°

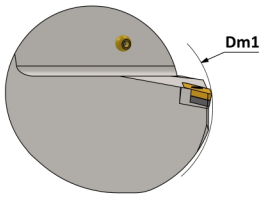
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SVJBL 11-040 22	K10107214133121	KPS 32	32	105	116	40	22	VB..1103..
KPS3 SVJBR 11-040 22	K10107215133121	KPS 32	32	105	116	40	22	VB..1103..
KPS4 SVJBL 11-050 27	K10101214135122	KPS 40	40	105	140	50	27	VB..1103..
KPS4 SVJBR 11-050 27	K10101215135122	KPS 40	40	105	140	50	27	VB..1103..
KPS4 SVJBL 16-050 27	K10101214207122	KPS 40	40	110	145	50	27	VB..1604..
KPS4 SVJBR 16-050 27	K10101215207122	KPS 40	40	110	145	50	27	VB..1604..
KPS5 SVJBL 16-060 35	K10102214208124	KPS 50	50	110	165	60	35	VB..1604..
KPS5 SVJBR 16-060 35	K10102215208124	KPS 50	50	110	165	60	35	VB..1604..
KPS6 SVJBL 16-065 45	K10103214209125	KPS 63	63	110	190	65	45	VB..1604..
KPS6 SVJBR 16-065 45	K10103215209125	KPS 63	63	110	190	65	45	VB..1604..

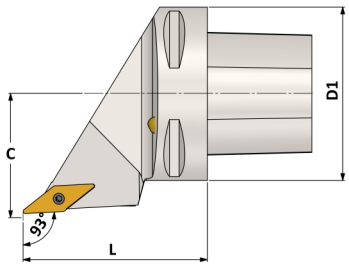
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VB..1103..	-	-	MS1153
VB..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVJC 93° EXTERNAL TURNING TOOL





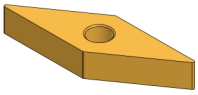
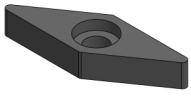
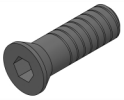




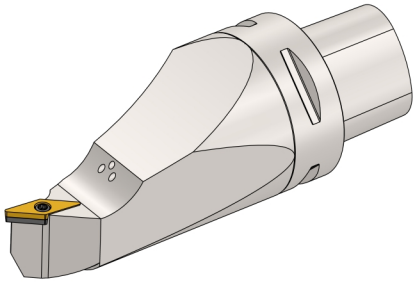
Rake Angle : 0°
Inclination Angle : 0°

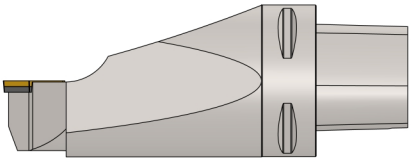
SVJC 93°

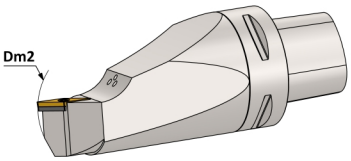
Item Name	Item Code	KPS	D1	Dm1 min	Dm2 min	L	C	INSERT
KPS3 SVJCL 11-040 22	K10107216133121	KPS 32	32	80	121	40	22	VC..1103..
KPS3 SVJCR 11-040 22	K10107217133121	KPS 32	32	80	121	40	22	VC..1103..
KPS4 SVJCL 11-050 27	K10101216135122	KPS 40	40	80	145	50	27	VC..1103..
KPS4 SVJCR 11-050 27	K10101217135122	KPS 40	40	80	145	50	27	VC..1103..
KPS4 SVJCL 16-050 27	K10101216186124	KPS 40	40	110	145	50	27	VC..1604..
KPS4 SVJCR 16-050 27	K10101217186124	KPS 40	40	110	145	50	27	VC..1604..
KPS5 SVJCL 11-060 35	K10102216136124	KPS 50	50	80	165	60	35	VC..1103..
KPS5 SVJCR 11-060 35	K10102217136124	KPS 50	50	80	165	60	35	VC..1103..
KPS5 SVJCL 16-060 35	K10102216188125	KPS 50	50	110	165	60	35	VC..1604..
KPS5 SVJCR 16-060 35	K10102217188125	KPS 50	50	110	165	60	35	VC..1604..
KPS6 SVJCL 16-065 45	K10107216185122	KPS 63	63	110	190	65	45	VC..1604..
KPS6 SVJCR 16-065 45	K10107217185122	KPS 63	63	110	190	65	45	VC..1604..

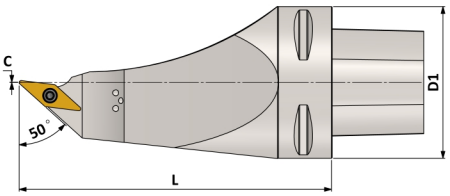
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VC..1103..	-	-	MS1153
VC..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVMB 50° EXTERNAL TURNING TOOL





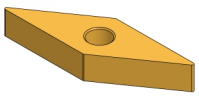
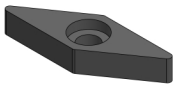
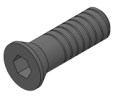




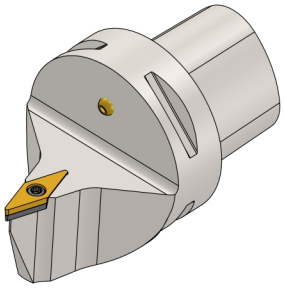
Rake Angle : 0°
Inclination Angle : 0°

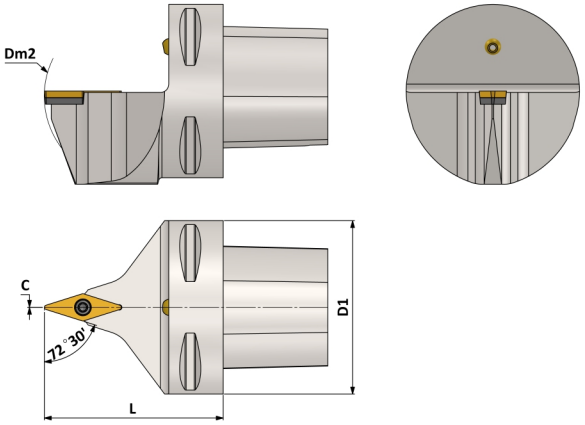
SVMB 50°

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS5 SVMBL 16-115 1.2	K10102218284106	KPS 50	50	-	115	1.2	VB..1604..
KPS5 SVMBR 16-115 1.2	K10102219284106	KPS 50	50	-	115	1.2	VB..1604..
KPS6 SVMBL 16-130 1.2	K10103218202106	KPS 63	63	110	130	1.2	VB..1604..
KPS6 SVMBR 16-130 1.2	K10103219202106	KPS 63	63	110	130	1.2	VB..1604..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VB..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVVB 72°30' EXTERNAL TURNING TOOL

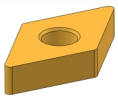
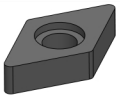
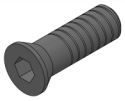




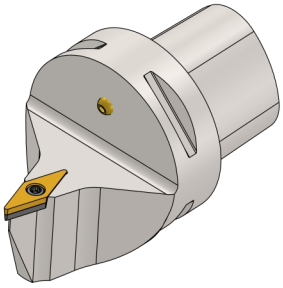
Rake Angle : 0°
Inclination Angle : 0°

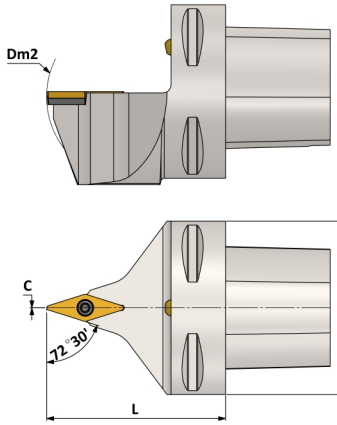
SVVB 72°30'

Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 SVVBN 11-040 0.3	K10107224133102	KPS 32	32	116	40	0.3	VB..1103..
KPS4 SVVBN 16-050 0.6	K10101224186104	KPS 40	40	140	50	0.6	VB..1604..
KPS5 SVVBN 16-060 0.6	K10102224188104	KPS 50	50	165	60	0.6	VB..1604..
KPS6 SVVBN 16-065 0.6	K10103224191104	KPS 63	63	190	65	0.6	VB..1604..

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VB..1103..	-	-	MS1153
VB..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVVC 72°30' EXTERNAL TURNING TOOL

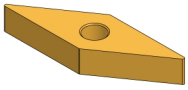
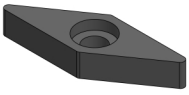
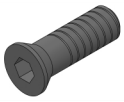




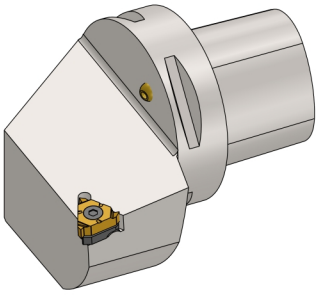
Rake Angle : 0°
Inclination Angle : 0°

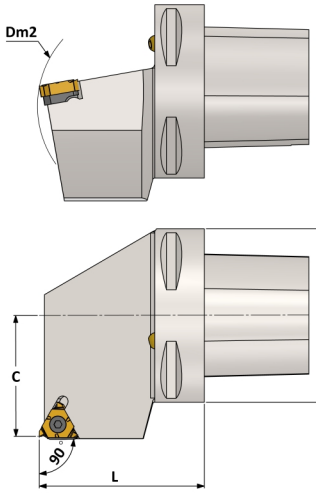
SVVC 72°30'

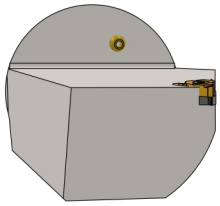
Item Name	Item Code	KPS	D1	Dm2 min	L	C	INSERT
KPS3 SVVCN 11-040 0.3	K10107225133102	KPS 32	32	124	40	0.3	VC..1103..
KPS4 SVVCN 11-050 0.3	K10101225135102	KPS 40	40	140	50	0.3	VC..1103..
KPS4 SVVCN 16-050 0.6	K10101225186104	KPS 40	40	140	50	0.6	VC..1604
KPS5 SVVCN 16-060 0.6	K10102225188104	KPS 50	50	165	60	0.6	VC..1604
KPS6 SVVCN 16-065 0.6	K10103225191104	KPS 63	63	190	65	0.6	VC..1604

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VC..1103..	-	-	MS1153
VC..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
EXTERNAL THREADING TOOL (SE 90°)

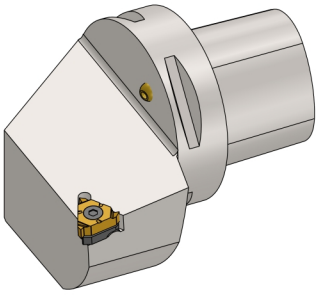


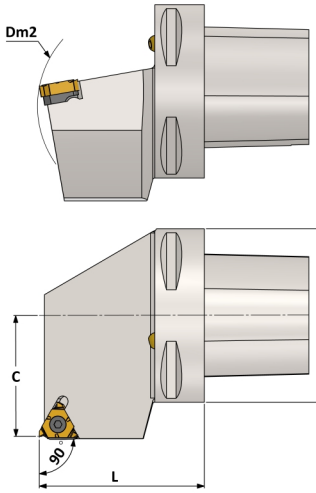


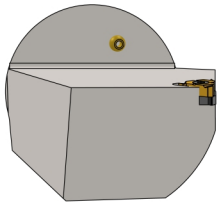


EXTERNAL THREADING TOOL (SE 90°)							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min.**	**L**	**C**	**INSERT**
KPS3 SEL 16-040 22	K10107135185121	KPS 32	32	124	40	22	..16..
KPS3 SER 16-040 22	K10107136185121	KPS 32	32	124	40	22	..16..
KPS3 SEL 22-040 22	K10107135222121	KPS 32	32	124	40	22	..22..
KPS3 SER 22-040 22	K10107136222121	KPS 32	32	124	40	22	..22..
KPS4 SEL 16-050 27	K10101135186122	KPS 40	40	140	50	27	..16..
KPS4 SER 16-050 27	K10101136186122	KPS 40	40	140	50	27	..16..
KPS4 SEL 22-050 27	K10101135223122	KPS 40	40	140	50	27	..22..
KPS4 SER 22-050 27	K10101136223122	KPS 40	40	140	50	27	..22..
KPS5 SEL 16-060 35	K10102135188124	KPS 50	50	165	60	35	..16..
KPS5 SER 16-060 35	K10102136188124	KPS 50	50	165	60	35	..16..
KPS5 SEL 22-060 35	K10102135224124	KPS 50	50	165	60	35	..22..
KPS5 SER 22-060 35	K10102136224124	KPS 50	50	165	60	35	..22..

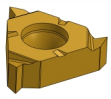
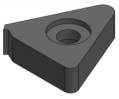
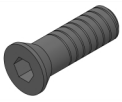
KPS (ISO 26623-1)
EXTERNAL THREADING TOOL (SE 90°)



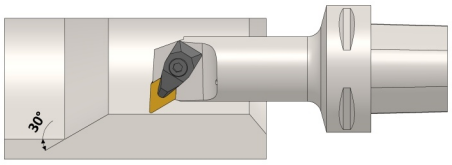


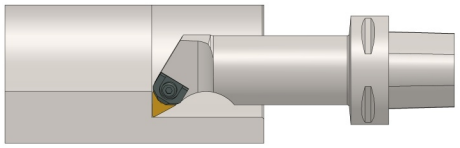


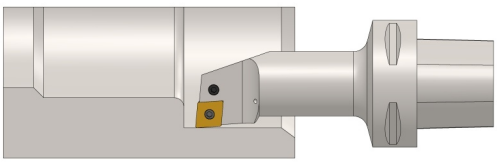
EXTERNAL THREADING TOOL (SE 90°)							
Item Name	**Item Code**	**KPS**	**D1**	**Dm2 min.**	**L**	**C**	**INSERT**
KPS6 SEL 16-065 45	K10103135191125	KPS 63	63	190	65	45	..16..
KPS6 SER 16-065 45	K10103136191125	KPS 63	63	190	65	45	..16..
KPS6 SEL 22-065 45	K10103135225125	KPS 63	63	190	65	45	..22..
KPS6 SER 22-065 45	K10103136225125	KPS 63	63	190	65	45	..22..
KPS8 SEL 22-080 55	K10104135228126	KPS 80	80	250	80	55	..22..
KPS8 SER 22-080 55	K10104136228126	KPS 80	80	250	80	55	..22..

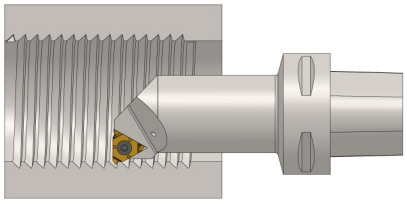
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
..16..	SMYE3	SSY3T	SSA3T
..22..	SMYE4	SSY4T	SSA4T

INTERNAL TURNING TOOL



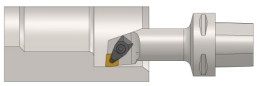
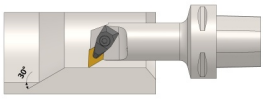
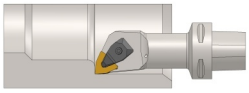




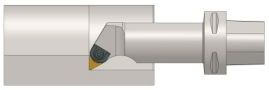
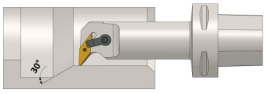
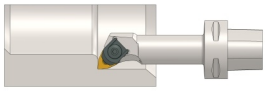


INDEX

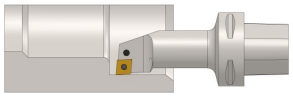
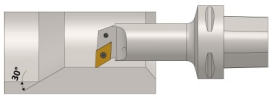
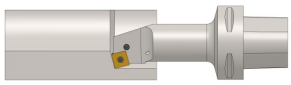
D-Type Internal Turning Tool

 DCLN 95° Pg No. 161	 DDUN 93° Pg No. 162	 DWLN 95° Pg No. 163	

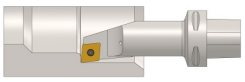
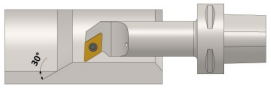
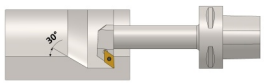
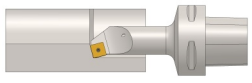
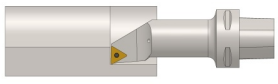
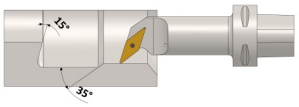
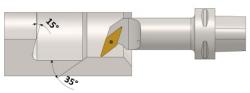
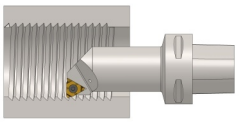
M-Type Internal Turning Tool

 MTFN 90° Pg No. 164	 MVUN 93° Pg No. 165	 MWLN 95° Pg No. 166 - 167	

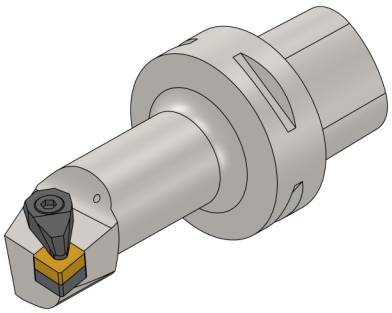
P-Type Internal Turning Tool

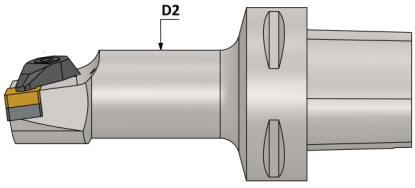
 PCLN 95° Pg No. 168 - 170	 PDUN 93 ° Pg No. 171 - 172	 PSKN 75° Pg No. 173	

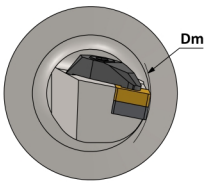
S-Type Internal Turning Tool

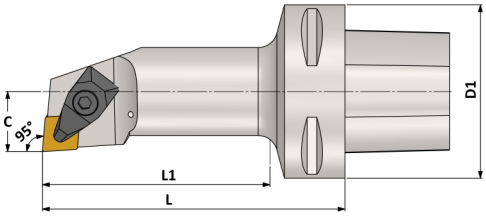
 SCLC 95° Pg No. 174 - 176	 SDUC 93° Pg No. 177 - 178	 SDUC- X 93° Pg No. 179	 SSKC 75° Pg No. 180
 STFC 90° Pg No. 181 - 182	 SVQB 107° 30' Pg No. 183 - 184	 SVQC 107° 30' Pg No. 185 - 186	 INTERNAL THREDING TOOL SI 90 Pg No. 187 - 189

KPS (ISO 26623-1)
DCLN 95° INTERNAL TURNING TOOL



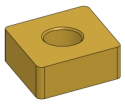
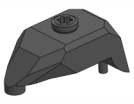




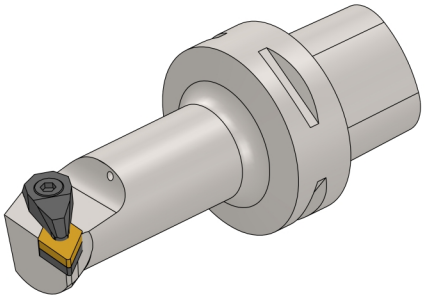


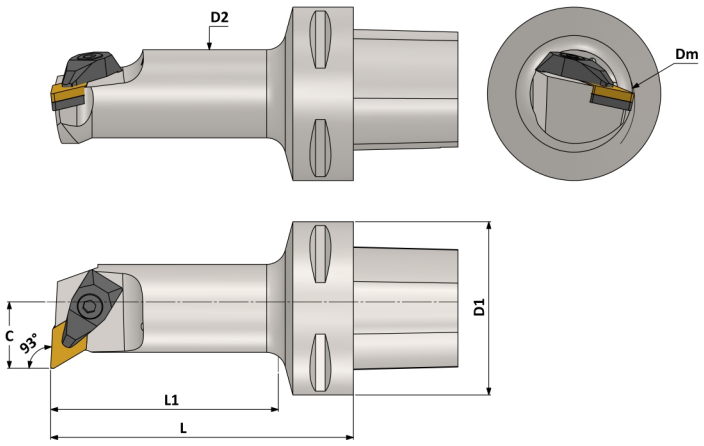
DCLN 95°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 DCLNL 09-080 13	K10101103126115	KPS 40	40	20	25	80	57	13	CN..0903..	-6°	-14°
KPS4 DCLNR 09-080 13	K10101104126115	KPS 40	40	20	25	80	57	13	CN..0903..	-6°	-14°
KPS4 DCLNL 12-090 17	K10101103160118	KPS 40	40	25	32	90	68	17	CN..1204..	-6°	-12°
KPS4 DCLNR 12-090 17	K10101104160118	KPS 40	40	25	32	90	68	17	CN..1204..	-6°	-12°
KPS5 DCLNL 09-080 13	K10102103126115	KPS 50	50	20	25	80	56	13	CN..0903..	-6°	-14°
KPS5 DCLNR 09-080 13	K10102104126115	KPS 50	50	20	25	80	56	13	CN..0903..	-6°	-14°
KPS5 DCLNL 12-090 17	K10102103160118	KPS 50	50	25	32	90	66	17	CN..1204..	-6°	-12°
KPS5 DCLNR 12-090 17	K10102104160118	KPS 50	50	25	32	90	66	17	CN..1204..	-6°	-12°
KPS6 DCLNL 12-100 17	K10103103162118	KPS 63	63	25	32	100	72	17	CN..1204..	-6°	-12°
KPS6 DCLNR 12-100 17	K10103104162118	KPS 63	63	25	32	100	72	17	CN..1204..	-6°	-12°
KPS6 DCLNL 16-140 27	K10103103203122	KPS 63	63	40	50	140	114	27	CN..1606..	-6°	-16°
KPS6 DCLNR 16-140 27	K10103104203122	KPS 63	63	40	50	140	114	27	CN..1606..	-6°	-16°

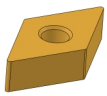
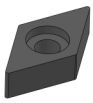
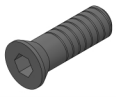
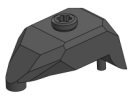
INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
CN..0903..	ICSN332	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
CN..1204..	ICSN443	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP
CN..1606..	ICSN543	KMSP515IP	SSP025016M	CM209R ASSY	KLM58L15IP
CN..1906..	ICSN643	KMSP625IP	SSP025016M	CM210R ASSY	KLM68L25IP

KPS (ISO 26623-1)
DDUN 93° INTERNAL TURNING TOOL

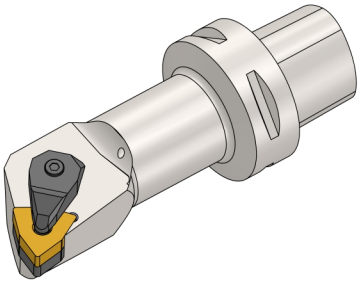


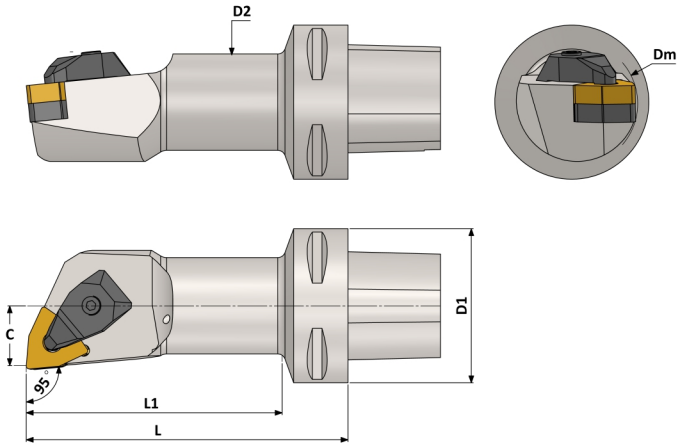


DDUN 93°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 DDUNL 11-090 17	K10101115142118	KPS 40	40	25.0	32	90	68	17	DN..1104..	-6°	-12°
KPS4 DDUNR 11-090 17	K10101116142118	KPS 40	40	25.0	32	90	68	17	DN..1104..	-6°	-12°
KPS4 DDUNL 15-080 27	K10101115173122	KPS 40	40	39.7	50	80	59	27	DN..1506..	-6°	-11°
KPS4 DDUNR 15-080 27	K10101116173122	KPS 40	40	39.7	50	80	59	27	DN..1506..	-6°	-11°
KPS5 DDUNL 11-090 17	K10102115142118	KPS 50	50	25.0	32	90	66	17	DN..1104..	-6°	-12°
KPS5 DDUNR 11-090 17	K10102116142118	KPS 50	50	25.0	32	90	66	17	DN..1104..	-6°	-12°
KPS5 DDUNL 15-140 27	K10102115177122	KPS 50	50	40.0	50	140	118	27	DN..1506..	-6°	-11°
KPS5 DDUNR 15-140 27	K10102116177122	KPS 50	50	40.0	50	140	118	27	DN..1506..	-6°	-11°
KPS6 DDUNL 15-140 27	K10103115177122	KPS 63	63	40.0	50	140	114	27	DN..1506..	-6°	-11°
KPS6 DDUNR 15-140 27	K10103116177122	KPS 63	63	40.0	50	140	114	27	DN..1506..	-6°	-11°

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
DN..1104..	IDSN322	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
DN..1506..	IDSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM46L15IP

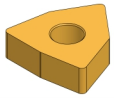
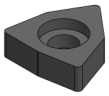
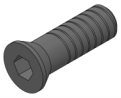
KPS (ISO 26623-1)
DWLN 95° INTERNAL TURNING TOOL



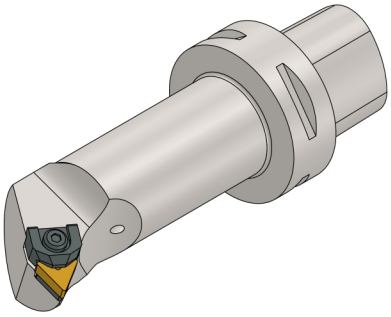


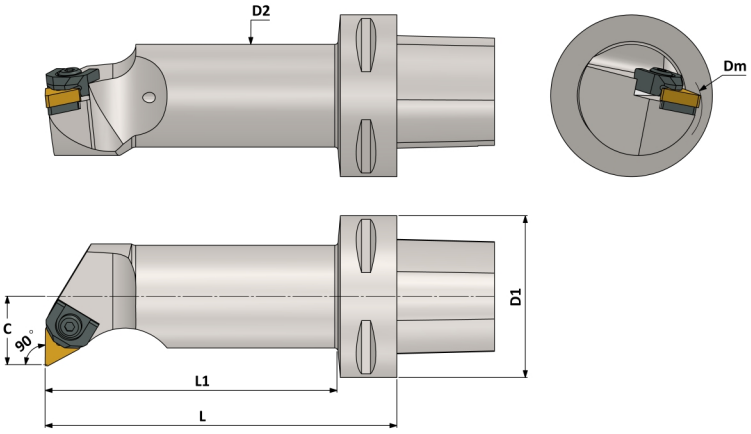
DWLN 95°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 DWLNL 06-075 13	K10101133105115	KPS 40	40	20	33	75	52	13	WNMG 0604..	-6°	-17°
KPS4 DWLNR 06-075 13	K10101134105115	KPS 40	40	20	33	75	52	13	WNMG 0604..	-6°	-17°
KPS4 DWLNL 08-090 17	K10101133116118	KPS 40	40	25	35	90	68	17	WNMG 0804..	-6°	-12°
KPS4 DWLNR 08-090 17	K10101134116118	KPS 40	40	25	35	90	68	17	WNMG 0804..	-6°	-12°
KPS5 DWLNL 08-090 17	K10102133116118	KPS 50	50	25	35	90	66	17	WNMG 0804..	-6°	-12°
KPS5 DWLNR 08-090 17	K10102134116118	KPS 50	50	25	35	90	66	17	WNMG 0804..	-6°	-12°

INSERT	SHIM	SHIM SCREW	SHIM PIN	CLAMP ASSEMBLY	OPTIONAL LOCK PIN
					
WN..0604..	IWSN322	KMSP315IP	SSP025016M	CM234R ASSY	KLM34L9IP
WN..0804..	IWSN433	KMSP415IP	SSP025016M	CM234R ASSY	KLM4615IP

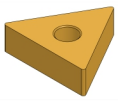
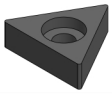
KPS (ISO 26623-1)
MTFN 90° INTERNAL TURNING TOOL



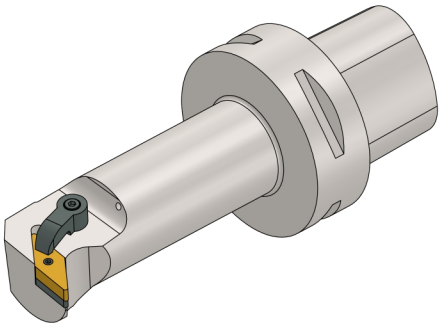


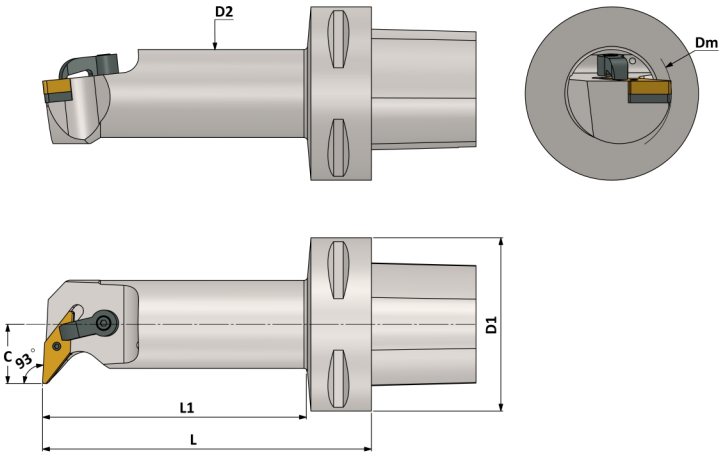
MTFN 90°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 MTFNL 16-090 17	K10101157196118	KPS 40	40	25	32	90	69	17	TN..1604..	-6°	-13°
KPS4 MTFNR 16-090 17	K10101158196118	KPS 40	40	25	32	90	69	17	TN..1604..	-6°	-13°
KPS4 MTFNL 16-110 22	K10101157200121	KPS 40	40	32	40	110	89	22	TN..1604..	-6°	-12°
KPS4 MTFNR 16-110 22	K10101158200121	KPS 40	40	32	40	110	89	22	TN..1604..	-6°	-12°
KPS4 MTFNL 16-120 27	K10101157201122	KPS 40	40	40	50	120	100	27	TN..1604..	-6°	-11°
KPS4 MTFNR 16-120 27	K10101158201122	KPS 40	40	40	50	120	100	27	TN..1604..	-6°	-11°
KPS5 MTFNL 16-090 17	K10102157196118	KPS 50	50	25	32	90	67	17	TN..1604..	-6°	-13°
KPS5 MTFNR 16-090 17	K10102158196118	KPS 50	50	25	32	90	67	17	TN..1604..	-6°	-13°
KPS5 MTFNL 16-110 22	K10102157200121	KPS 50	50	32	40	110	88	22	TN..1604..	-6°	-12°
KPS5 MTFNR 16-110 22	K10102158200121	KPS 50	50	32	40	110	88	22	TN..1604..	-6°	-12°
KPS5 MTFNL 16-140 27	K10102157203122	KPS 50	50	40	50	140	119	27	TN..1604..	-6°	-11°
KPS5 MTFNR 16-140 27	K10102158203122	KPS 50	50	40	50	140	119	27	TN..1604..	-6°	-11°
KPS6 MTFNL 16-110 22	K10103157200121	KPS 63	63	32	40	110	84	22	TN..1604..	-6°	-12°
KPS6 MTFNR 16-110 22	K10103158200121	KPS 63	63	32	40	110	84	22	TN..1604..	-6°	-12°
KPS6 MTFNL 16-140 27	K10103157203122	KPS 63	63	40	50	140	115	27	TN..1604..	-6°	-11°
KPS6 MTFNR 16-140 27	K10103158203122	KPS 63	63	40	50	140	115	27	TN..1604..	-6°	-11°

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
TN..1604..	ITSN322	KLM34L	CKM21	STCM20

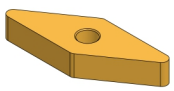
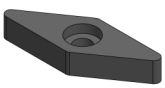
KPS (ISO 26623-1)
MVUN 93° INTERNAL TURNING TOOL



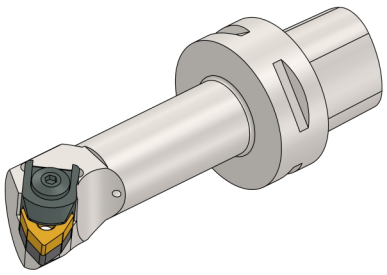


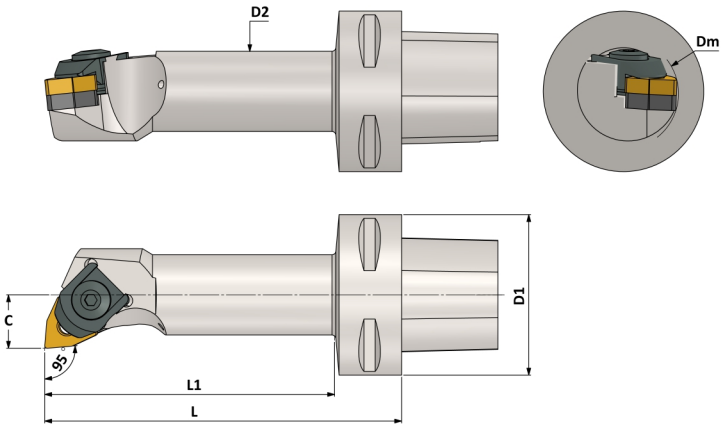
MVUN 93°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 MVUNL 16-120 27	K10101165201122	KPS 40	40	40	50	120	100	27	VN..1604..	-6°	-10°
KPS4 MVUNR 16-120 27	K10101166201122	KPS 40	40	40	50	120	100	27	VN..1604..	-6°	-10°
KPS5 MVUNL 16-140 27	K10102165203122	KPS 50	50	40	50	140	119	27	VN..1604..	-6°	-10°
KPS5 MVUNR 16-140 27	K10102166203122	KPS 50	50	40	50	140	119	27	VN..1604..	-6°	-10°
KPS5 MVUNL 16-150 35	K10102165205124	KPS 50	50	50	63	150	131	35	VN..1604..	-6°	-10°
KPS5 MVUNR 16-150 35	K10102166205124	KPS 50	50	50	63	150	131	35	VN..1604..	-6°	-10°
KPS6 MVUNL 16-120 22	K10103165201121	KPS 63	63	32	40	120	94	22	VN..1604..	-6°	-12°
KPS6 MVUNR 16-120 22	K10103166201121	KPS 63	63	32	40	120	94	22	VN..1604..	-6°	-12°
KPS6 MVUNL 16-175 35	K10103165206124	KPS 63	63	50	63	175	152	35	VN..1604..	-6°	-10°
KPS6 MVUNR 16-175 35	K10103166206124	KPS 63	63	50	63	175	152	35	VN..1604..	-6°	-10°

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
VN..1604..	IVSN322	KLM34L	CKM31	STCM20

KPS (ISO 26623-1)
MWLN 95° INTERNAL TURNING TOOL

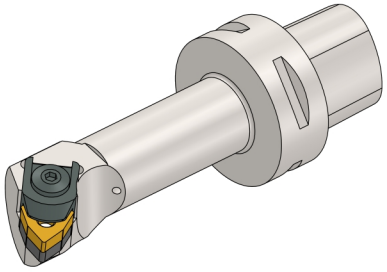


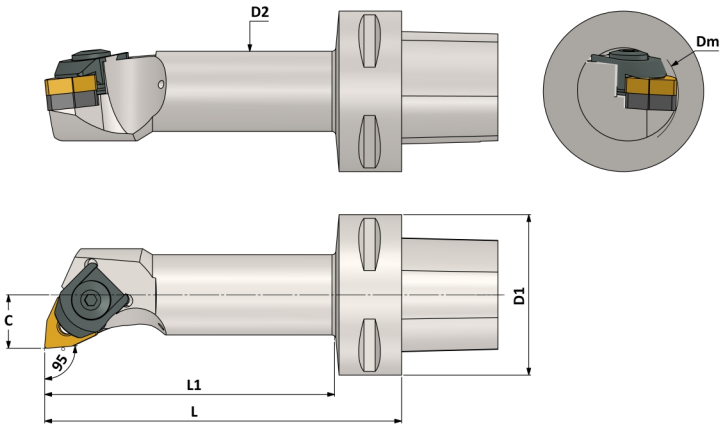


MWLN 95°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 MWLNL 06-075 13	K10107168105115	KPS 32	32	20	25	75	59	13	WNMG 0604..	-6°	-14°
KPS3 MWLNR 06-075 13	K10107169105115	KPS 32	32	20	25	75	59	13	WNMG 0604..	-6°	-14°
KPS3 MWLNL 06-090 17	K10107168106118	KPS 32	32	25	32	90	75	17	WNMG 0604..	-6°	-12°
KPS3 MWLNR 06-090 17	K10107169106118	KPS 32	32	25	32	90	75	17	WNMG 0604..	-6°	-12°
KPS4 MWLNL 06-075 13	K10101168105115	KPS 40	40	20	25	75	53	13	WNMG 0604..	-6°	-14°
KPS4 MWLNR 06-075 13	K10101169105115	KPS 40	40	20	25	75	53	13	WNMG 0604..	-6°	-14°
KPS4 MWLNL 06-090 17	K10101168106118	KPS 40	40	25	32	90	69	17	WNMG 0604..	-6°	-12°
KPS4 MWLNR 06-090 17	K10101169106118	KPS 40	40	25	32	90	69	17	WNMG 0604..	-6°	-12°
KPS4 MWLNL 08-090 17	K10101168116118	KPS 40	40	25	32	90	69	17	WNMG 0804..	-6°	-14°
KPS4 MWLNR 08-090 17	K10101169116118	KPS 40	40	25	32	90	69	17	WNMG 0804..	-6°	-14°
KPS4 MWLNL 08-110 22	K10101168117121	KPS 40	40	32	40	110	89	22	WNMG 0804..	-6°	-14°
KPS4 MWLNR 08-110 22	K10101169117121	KPS 40	40	32	40	110	89	22	WNMG 0804..	-6°	-14°
KPS4 MWLNL 08-120 27	K10101168118122	KPS 40	40	40	50	120	100	27	WNMG 0804..	-6°	-12°
KPS4 MWLNR 08-120 27	K10101169118122	KPS 40	40	40	50	120	100	27	WNMG 0804..	-6°	-12°

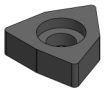
KPS (ISO 26623-1)
MWLN 95° INTERNAL TURNING TOOL



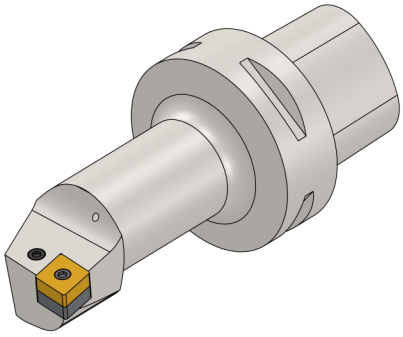


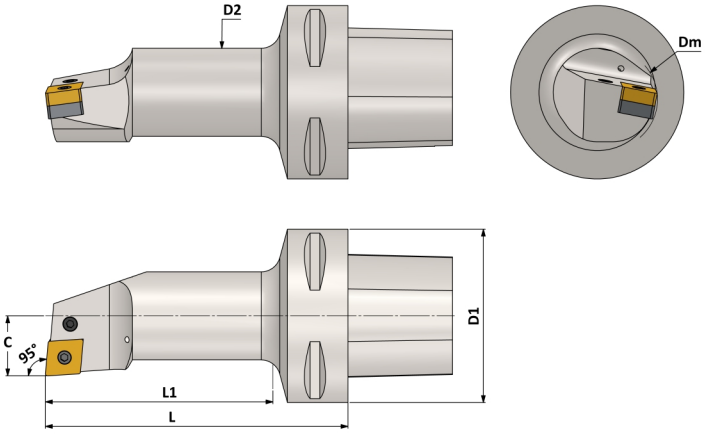
MWLN 95°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 MWLNL 08-090 17	K10102168116118	KPS 50	50	25	32	90	67	17	WNMG 0804..	-6°	-14°
KPS5 MWLNR 08-090 17	K10102169116118	KPS 50	50	25	32	90	67	17	WNMG 0804..	-6°	-14°
KPS5 MWLNL 08-110 22	K10102168117121	KPS 50	50	32	40	110	88	22	WNMG 0804..	-6°	-14°
KPS5 MWLNR 08-110 22	K10102169117121	KPS 50	50	32	40	110	88	22	WNMG 0804..	-6°	-14°
KPS5 MWLNL 08-140 27	K10102168119122	KPS 50	50	40	50	140	119	27	WNMG 0804..	-6°	-12°
KPS5 MWLNR 08-140 27	K10102169119122	KPS 50	50	40	50	140	119	27	WNMG 0804..	-6°	-12°

INSERT	SHIM	LOCK PIN	CLAMP	CLAMP SCREW
				
WNMG 0604..	IWSN322	KLM34L	CKM6	STCM5
WNMG 0804..	IWSN433	KLM46	CKM20	STCM20

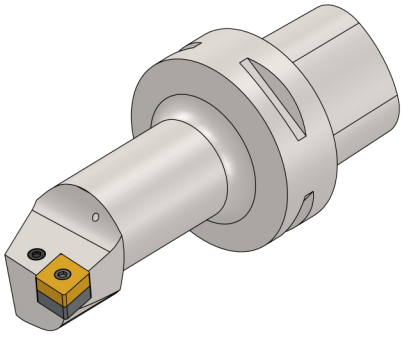
KPS (ISO 26623-1)
PCLN 95° INTERNAL TURNING TOOL

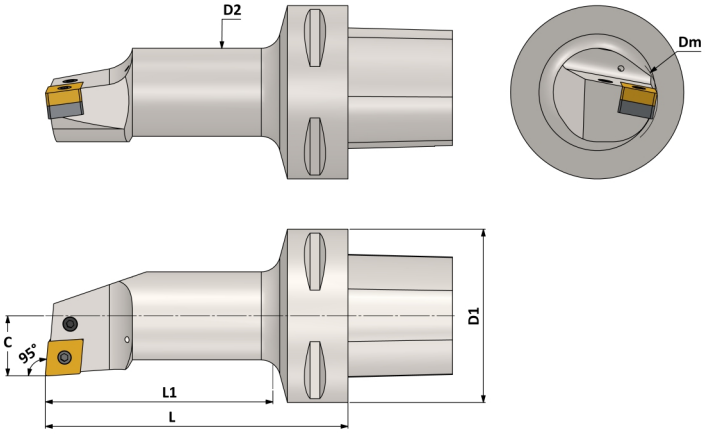




PCLN 95°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 PCLNL 12-090 17	K10107170160118	KPS 32	32	25	32	90	75	17	CN..1204..	-6°	-11°
KPS3 PCLNR 12-090 17	K10107171160118	KPS 32	32	25	32	90	75	17	CN..1204..	-6°	-11°
KPS3 PCLNL 12-064 22	K10107170157121	KPS 32	32	32	40	64	50	22	CN..1204..	-6°	-11°
KPS3 PCLNR 12-064 22	K10107171157121	KPS 32	32	32	40	64	50	22	CN..1204..	-6°	-11°
KPS3 PCLNL 12-096 22	K10107170161121	KPS 32	32	32	40	96	82	22	CN..1204..	-6°	-11°
KPS3 PCLNR 12-096 22	K10107171161121	KPS 32	32	32	40	96	82	22	CN..1204..	-6°	-11°
KPS4 PCLNL 09-080 13	K10101170126115	KPS 40	40	20	25	80	58	13	CN..0903..	-6°	-11°
KPS4 PCLNR 09-080 13	K10101171126115	KPS 40	40	20	25	80	58	13	CN..0903..	-6°	-11°
KPS4 PCLNL 12-090 17	K10101170160118	KPS 40	40	25	32	90	69	17	CN..1204..	-6°	-11°
KPS4 PCLNR 12-090 17	K10101171160118	KPS 40	40	25	32	90	69	17	CN..1204..	-6°	-11°
KPS4 PCLNL 12-110 22	K10101170163121	KPS 40	40	32	40	110	89	22	CN..1204..	-6°	-11°
KPS4 PCLNR 12-110 22	K10101171163121	KPS 40	40	32	40	110	89	22	CN..1204..	-6°	-11°
KPS4 PCLNL 12-080 27	K10101170159122	KPS 40	40	40	50	80	60	27	CN..1204..	-6°	-10°
KPS4 PCLNR 12-080 27	K10101171159122	KPS 40	40	40	50	80	60	27	CN..1204..	-6°	-10°
KPS4 PCLNL 12-120 27	K10101170165122	KPS 40	40	40	50	120	100	27	CN..1204..	-6°	-11°
KPS4 PCLNR 12-120 27	K10101171165122	KPS 40	40	40	50	120	100	27	CN..1204..	-6°	-11°

KPS (ISO 26623-1)
PCLN 95° INTERNAL TURNING TOOL

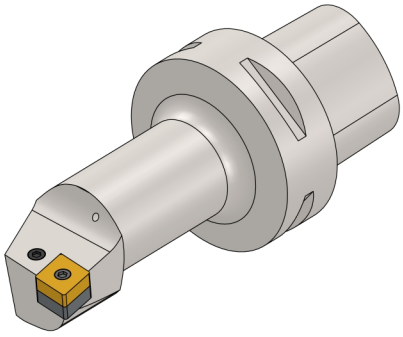


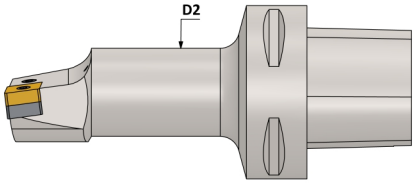


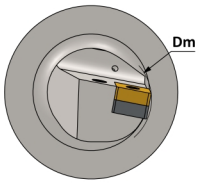
PCLN 95°

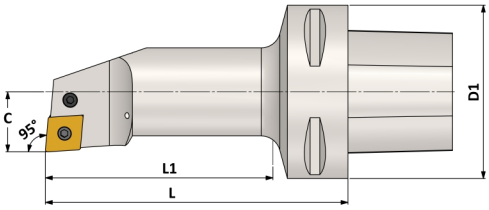
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 PCLNL 09-080 13	K10102170126115	KPS 50	50	20	25	80	56	13	CN..0903..	-6°	-11°
KPS5 PCLNR 09-080 13	K10102171126115	KPS 50	50	20	25	80	56	13	CN..0903..	-6°	-11°
KPS5 PCLNL 12-090 17	K10102170160118	KPS 50	50	25	32	90	67	17	CN..1204..	-6°	-11°
KPS5 PCLNR 12-090 17	K10102171160118	KPS 50	50	25	32	90	67	17	CN..1204..	-6°	-11°
KPS5 PCLNL 12-110 22	K10102170163121	KPS 50	50	32	40	110	88	22	CN..1204..	-6°	-11°
KPS5 PCLNR 12-110 22	K10102171163121	KPS 50	50	32	40	110	88	22	CN..1204..	-6°	-11°
KPS5 PCLNL 12-140 27	K10102170166122	KPS 50	50	40	50	140	119	27	CN..1204..	-6°	-10°
KPS5 PCLNR 12-140 27	K10102171166122	KPS 50	50	40	50	140	119	27	CN..1204..	-6°	-10°
KPS5 PCLNL 12-100 35	K10102170162124	KPS 50	50	50	63	100	81	35	CN..1204..	-6°	-7°
KPS5 PCLNR 12-100 35	K10102171162124	KPS 50	50	50	63	100	81	35	CN..1204..	-6°	-7°
KPS5 PCLNL 16-150 35	K10102170205124	KPS 50	50	50	63	150	131	35	CN..1606..	-6°	-11°
KPS5 PCLNR 16-150 35	K10102171205124	KPS 50	50	50	63	150	131	35	CN..1606..	-6°	-11°

KPS (ISO 26623-1)
PCLN 95° INTERNAL TURNING TOOL



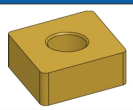




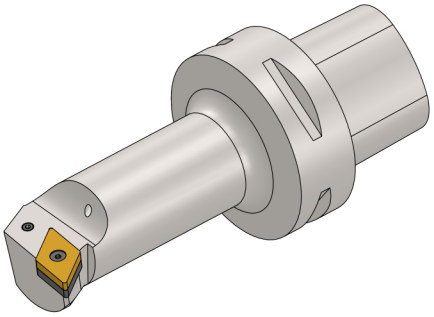


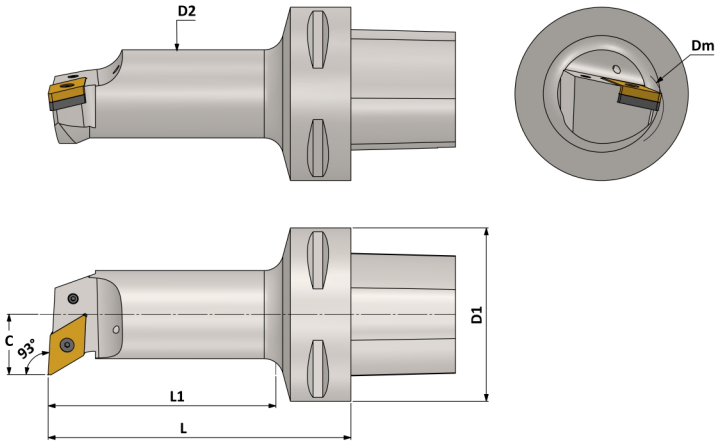
PCLN 95°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS6 PCLNL 12-100 17	K10103170162118	KPS 63	63	25	32	100	74	17	CN..1204..	-6°	-11°
KPS6 PCLNR 12-100 17	K10103171162118	KPS 63	63	25	32	100	74	17	CN..1204..	-6°	-11°
KPS6 PCLNL 12-110 22	K10103170163121	KPS 63	63	32	40	110	84	22	CN..1204..	-6°	-11°
KPS6 PCLNR 12-110 22	K10103171163121	KPS 63	63	32	40	110	84	22	CN..1204..	-6°	-11°
KPS6 PCLNL 16-140 27	K10103170203122	KPS 63	63	40	50	140	115	27	CN..1606..	-6°	-11°
KPS6 PCLNR 16-140 27	K10103171203122	KPS 63	63	40	50	140	115	27	CN..1606..	-6°	-11°
KPS6 PCLNL 16-175 35	K10103170206124	KPS 63	63	50	63	175	152	35	CN..1606..	-6°	-11°
KPS6 PCLNR 16-175 35	K10103171206124	KPS 63	63	50	63	175	152	35	CN..1606..	-6°	-11°

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
CN..1204..	512.112	513.023	515.018	511.023	514.123
CN..1606..	512.117	513.025	515.022	511.025	514.125

KPS (ISO 26623-1)
PDUN 93° INTERNAL TURNING TOOL

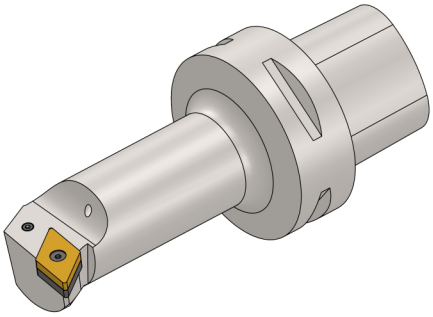


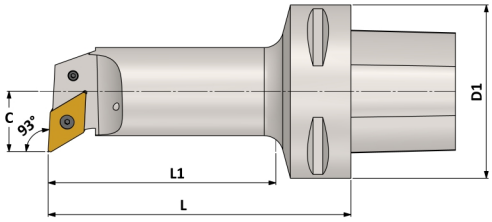


PDUN 93°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 PDUNL 11-090 17	K10107176142118	KPS 32	32	25	32	90	75	17	DN..1104..	-6°	-11°
KPS3 PDUNR 11-090 17	K10107177142118	KPS 32	32	25	32	90	75	17	DN..1104..	-6°	-11°
KPS4 PDUNL 11-090 17	K10101176142118	KPS 40	40	25	32	90	69	17	DN..1104..	-6°	-11°
KPS4 PDUNR 11-090 17	K10101177142118	KPS 40	40	25	32	90	69	17	DN..1104..	-6°	-11°
KPS4 PDUNL 11-110 22	K10101176145121	KPS 40	40	32	40	110	89	22	DN..1104..	-6°	-10°
KPS4 PDUNR 11-110 22	K10101177145121	KPS 40	40	32	40	110	89	22	DN..1104..	-6°	-10°
KPS4 PDUNL 15-080 27	K10101176173122	KPS 40	40	40	50	80	60	27	DN..1506..	-6°	-11°
KPS4 PDUNR 15-080 27	K10101177173122	KPS 40	40	40	50	80	60	27	DN..1506..	-6°	-11°
KPS4 PDUNL 15-120 27	K10101176176122	KPS 40	40	40	50	120	100	27	DN..1506..	-6°	-11°
KPS4 PDUNR 15-120 27	K10101177176122	KPS 40	40	40	50	120	100	27	DN..1506..	-6°	-11°
KPS5 PDUNL 11-090 17	K10102176142118	KPS 50	50	25	32	90	67	17	DN..1104..	-6°	-11°
KPS5 PDUNR 11-090 17	K10102177142118	KPS 50	50	25	32	90	67	17	DN..1104..	-6°	-11°
KPS5 PDUNL 11-110 22	K10102176145121	KPS 50	50	32	40	110	88	22	DN..1104..	-6°	-11°
KPS5 PDUNR 11-110 22	K10102177145121	KPS 50	50	32	40	110	88	22	DN..1104..	-6°	-11°
KPS5 PDUNL 15-140 27	K10102176177122	KPS 50	50	40	50	140	119	27	DN..1506..	-6°	-11°
KPS5 PDUNR 15-140 27	K10102177177122	KPS 50	50	40	50	140	119	27	DN..1506..	-6°	-11°
KPS5 PDUNL 15-100 35	K10102176174124	KPS 50	50	50	63	100	81	35	DN..1506..	-6°	-10°
KPS5 PDUNR 15-100 35	K10102177174124	KPS 50	50	50	63	100	81	35	DN..1506..	-6°	-10°
KPS5 PDUNL 15-150 35	K10102176178124	KPS 50	50	50	63	150	131	35	DN..1506..	-6°	-10°
KPS5 PDUNR 15-150 35	K10102177178124	KPS 50	50	50	63	150	131	35	DN..1506..	-6°	-10°

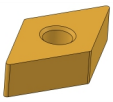
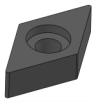
KPS (ISO 26623-1)
PDUN 93° INTERNAL TURNING TOOL



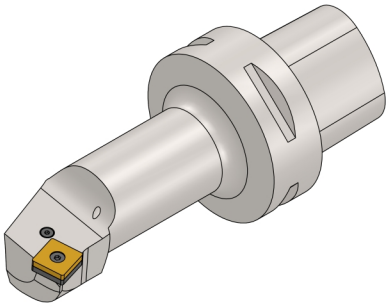


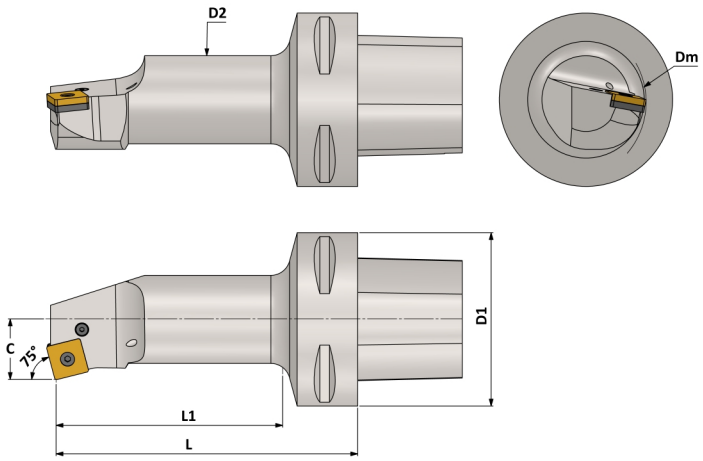
PDUN 93°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS6 PDUNL 11-100 17	K10103176144118	KPS 63	63	25	32	100	74	17	DN..1104..	-6°	-11°
KPS6 PDUNR 11-100 17	K10103177144118	KPS 63	63	25	32	100	74	17	DN..1104..	-6°	-11°
KPS6 PDUNL 15-110 22	K10103176175121	KPS 63	63	32	40	110	84	22	DN..1506..	-6°	-12°
KPS6 PDUNR 15-110 22	K10103177175121	KPS 63	63	32	40	110	84	22	DN..1506..	-6°	-12°
KPS6 PDUNL 15-140 27	K10103176177122	KPS 63	63	40	50	140	115	27	DN..1506..	-6°	-11°
KPS6 PDUNR 15-140 27	K10103177177122	KPS 63	63	40	50	140	115	27	DN..1506..	-6°	-11°
KPS6 PDUNL 15-175 35	K10103176179124	KPS 63	63	50	63	175	152	35	DN..1506..	-6°	-10°
KPS6 PDUNR 15-175 35	K10103177179124	KPS 63	63	50	63	175	152	35	DN..1506..	-6°	-10°

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
DN..1104..	512.060	513.060	515.018	511.060	514.118
DN..1506..	512.153	513.023	515.018	511.024	514.128

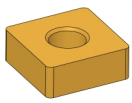
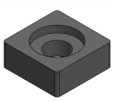
KPS (ISO 26623-1)
PSKN 75° INTERNAL TURNING TOOL



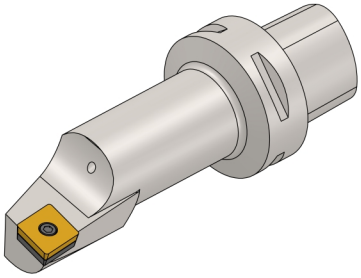


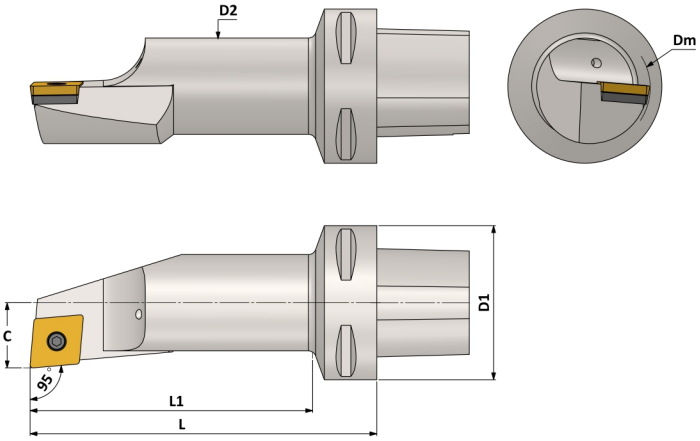
PSKN 75°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 PSKNL 12-090 17	K10101182160118	KPS 40	40	25	32	90	69	17	SN..1204..	-6°	-11°
KPS4 PSKNR 12-090 17	K10101183160118	KPS 40	40	25	32	90	69	17	SN..1204..	-6°	-11°
KPS4 PSKNL 12-110 22	K10101182163121	KPS 40	40	32	40	110	86.6	22	SN..1204..	-6°	-10°
KPS4 PSKNR 12-110 22	K10101183163121	KPS 40	40	32	40	110	86.6	22	SN..1204..	-6°	-10°
KPS5 PSKNL 12-090 17	K10101183160118	KPS 50	50	25	32	90	67	17	SN..1204..	-6°	-11°
KPS5 PSKNR 12-090 17	K10102183160118	KPS 50	50	25	32	90	67	17	SN..1204..	-6°	-11°
KPS5 PSKNL 12-110 22	K10102182163121	KPS 50	50	32	40	110	68	22	SN..1204..	-6°	-10°
KPS5 PSKNR 12-110 22	K10102183163121	KPS 50	50	32	40	110	68	22	SN..1204..	-6°	-10°
KPS5 PSKNL 12-140 27	K10102182166122	KPS 50	50	40	50	140	119	27	SN..1204..	-6°	-10°
KPS5 PSKNR 12-140 27	K10102183166122	KPS 50	50	40	50	140	119	27	SN..1204..	-6°	-10°
KPS6 PSKNL 12-110 22	K10103182163121	KPS 63	63	32	40	110	84	22	SN..1204..	-6°	-10°
KPS6 PSKNR 12-110 22	K10103183163121	KPS 63	63	32	40	110	84	22	SN..1204..	-6°	-10°
KPS6 PSKNL 15-175 35	K10103182179124	KPS 63	63	50	63	175	146.7	35	SN..1506..	-6°	-10°
KPS6 PSKNR 15-175 35	K10103183179124	KPS 63	63	50	63	175	146.7	35	SN..1506..	-6°	-10°

INSERT	SHIM	SHIM PIN	PUNCH PIN	LEVER	LEVER SCREW
					
SN..1204..	512.063	513.023	515.0180	511.023	514.123
SN..1506..	512.025	513.025	515.022	511.025	514.125

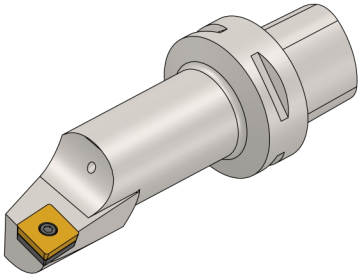
KPS (ISO 26623-1)
SCLC 95° INTERNAL TURNING TOOL

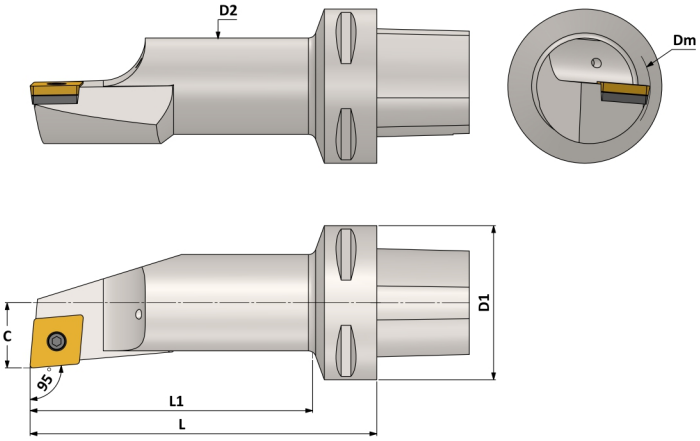




SCLC 95°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 SCLCL 09-065 11	K10107188123113	KPS 32	32	16.0	20	65	48	11	CC..09T3..	0°	-12°
KPS3 SCLCR 09-065 11	K10107189123113	KPS 32	32	16.0	20	65	48	11	CC..09T3..	0°	-12°
KPS3 SCLCL 09-075 13	K10107188125115	KPS 32	32	20.0	25	75	59	13	CC..09T3..	0°	-8°
KPS3 SCLCR 09-075 13	K10107189125115	KPS 32	32	20.0	25	75	59	13	CC..09T3..	0°	-8°
KPS3 SCLCL 09-090 17	K10107188127118	KPS 32	32	25.0	32	90	75	17	CC..09T3..	0°	-6°
KPS3 SCLCR 09-090 17	K10107189127118	KPS 32	32	25.0	32	90	75	17	CC..09T3..	0°	-6°
KPS3 SCLCL 12-090 17	K10107188160118	KPS 32	32	25.0	32	90	75	17	CC..1204..	0°	-6°
KPS3 SCLCR 12-090 17	K10107189160118	KPS 32	32	25.0	32	90	75	17	CC..1204..	0°	-6°
KPS3 SCLCL 12-064 22	K10107188157121	KPS 32	32	31.7	40	64	50	22	CC..1204..	0°	-10°
KPS3 SCLCR 12-064 22	K10107189157121	KPS 32	32	31.7	40	64	50	22	CC..1204..	0°	-10°
KPS3 SCLCL 12-096 22	K10107188161121	KPS 32	32	34.7	40	96	82	22	CC..1204..	0°	-10°
KPS3 SCLCR 12-096 22	K10107189161121	KPS 32	32	34.7	40	96	82	22	CC..1204..	0°	-10°

KPS (ISO 26623-1)
SCLC 95° INTERNAL TURNING TOOL

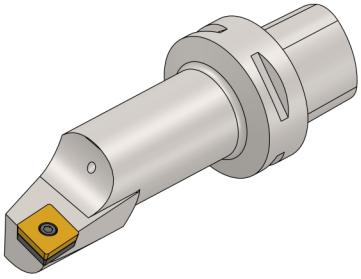


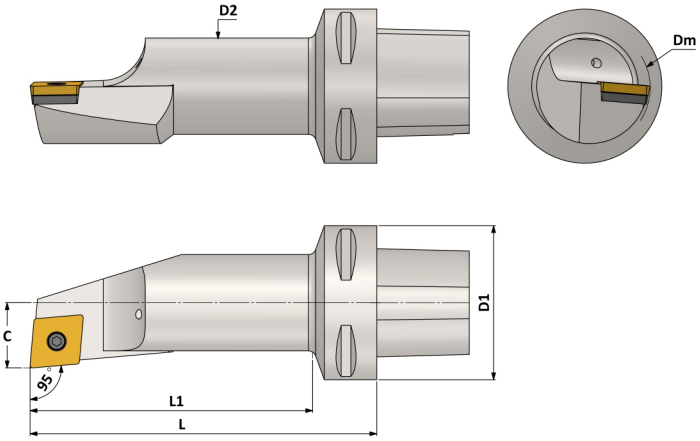


SCLC 95°

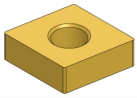
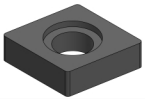
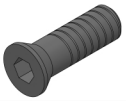
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS4 SCLCL 09-070 11	K10101188124113	KPS 40	40	16.0	20	70	47	11	CC..09T3..	0°	-12°
KPS4 SCLCR 09-070 11	K10101189124113	KPS 40	40	16.0	20	70	47	11	CC..09T3..	0°	-12°
KPS4 SCLCL 09-080 13	K10101188126115	KPS 40	40	20.0	25	80	58	13	CC..09T3..	0°	-8°
KPS4 SCLCR 09-080 13	K10101189126115	KPS 40	40	20.0	25	80	58	13	CC..09T3..	0°	-8°
KPS4 SCLCL 09-090 17	K10101188127118	KPS 40	40	25.0	32	90	69	17	CC..09T3..	0°	-6°
KPS4 SCLCR 09-090 17	K10101189127118	KPS 40	40	25.0	32	90	69	17	CC..09T3..	0°	-6°
KPS4 SCLCL 09-080 27	K10101188126122	KPS 40	40	39.7	50	80	60	27	CC..09T3..	0°	-6°
KPS4 SCLCR 09-080 27	K10101189126122	KPS 40	40	39.7	50	80	60	27	CC..09T3..	0°	-6°
KPS4 SCLCL 12-090 17	K10101188160118	KPS 40	40	25.0	32	90	69	17	CC..1204..	0°	-6°
KPS4 SCLCR 12-090 17	K10101189160118	KPS 40	40	25.0	32	90	69	17	CC..1204..	0°	-6°
KPS4 SCLCL 12-110 22	K10101188163121	KPS 40	40	32.0	40	110	89	22	CC..1204..	0°	-10°
KPS4 SCLCR 12-110 22	K10101189163121	KPS 40	40	32.0	40	110	89	22	CC..1204..	0°	-10°
KPS4 SCLCL 12-080 27	K10101188159122	KPS 40	40	39.7	50	80	60	27	CC..1204..	0°	-8°
KPS4 SCLCR 12-080 27	K10101189159122	KPS 40	40	39.7	50	80	60	27	CC..1204..	0°	-8°

KPS (ISO 26623-1)
SCLC 95° INTERNAL TURNING TOOL

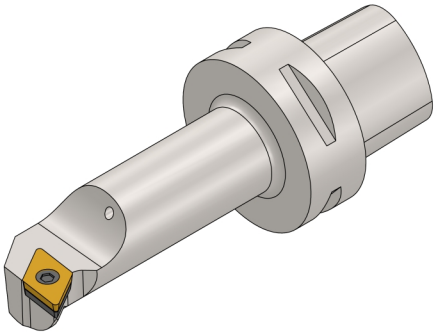


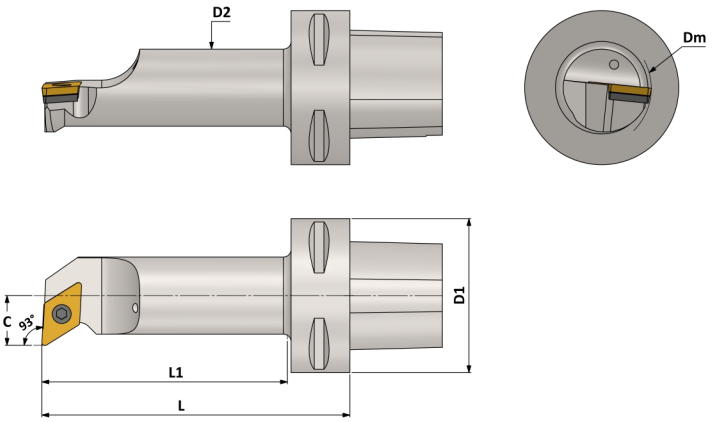


SCLC 95°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 SCLCL 09-070 11	K10102188124113	KPS 50	50	16.0	20	70	46	11	CC..09T3..	0°	-12°
KPS5 SCLCR 09-070 11	K10102189124113	KPS 50	50	16.0	20	70	46	11	CC..09T3..	0°	-12°
KPS5 SCLCL 09-080 13	K10102188126115	KPS 50	50	20.0	25	80	56	13	CC..09T3..	0°	-8°
KPS5 SCLCR 09-080 13	K10102189126115	KPS 50	50	20.0	25	80	56	13	CC..09T3..	0°	-8°
KPS5 SCLCL 09-090 17	K10102188127118	KPS 50	50	25.0	32	90	67	17	CC..09T3..	0°	-6°
KPS5 SCLCR 09-090 17	K10102189127118	KPS 50	50	25.0	32	90	67	17	CC..09T3..	0°	-6°
KPS5 SCLCL 09-100 35	K10102188128124	KPS 50	50	49.7	63	100	81	35	CC..09T3..	0°	-4°
KPS5 SCLCR 09-100 35	K10102189128124	KPS 50	50	49.7	63	100	81	35	CC..09T3..	0°	-4°
KPS5 SCLCL 12-090 17	K10102188160118	KPS 50	50	25.0	32	90	67	17	CC..1204..	0°	-6°
KPS5 SCLCR 12-090 17	K10102189160118	KPS 50	50	25.0	32	90	67	17	CC..1204..	0°	-6°
KPS5 SCLCL 12-110 22	K10102188163121	KPS 50	50	32.0	40	110	88	22	CC..1204..	0°	-10°
KPS5 SCLCR 12-110 22	K10102189163121	KPS 50	50	32.0	40	110	88	22	CC..1204..	0°	-10°
KPS5 SCLCL 12-140 27	K10102188166122	KPS 50	50	40.0	50	140	119	27	CC..1204..	0°	-8°
KPS5 SCLCR 12-140 27	K10102189166122	KPS 50	50	40.0	50	140	119	27	CC..1204..	0°	-8°
KPS5 SCLCL 12-100 35	K10102188162124	KPS 50	50	49.7	63	100	80	35	CC..1204..	0°	-5°
KPS5 SCLCR 12-100 35	K10102189162124	KPS 50	50	49.7	63	100	80	35	CC..1204..	0°	-5°

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
CC.09T3..	SKCP343	SRS3	MS1156
CC..1204..	SKCP453	SRS4	MS1158

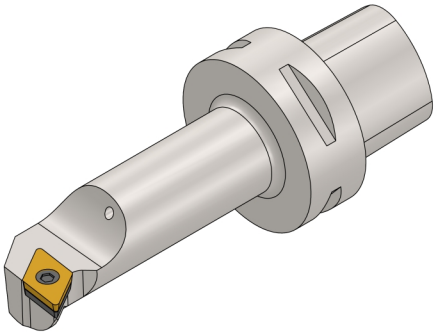
KPS (ISO 26623-1)
SDUC 93° INTERNAL TURNING TOOL

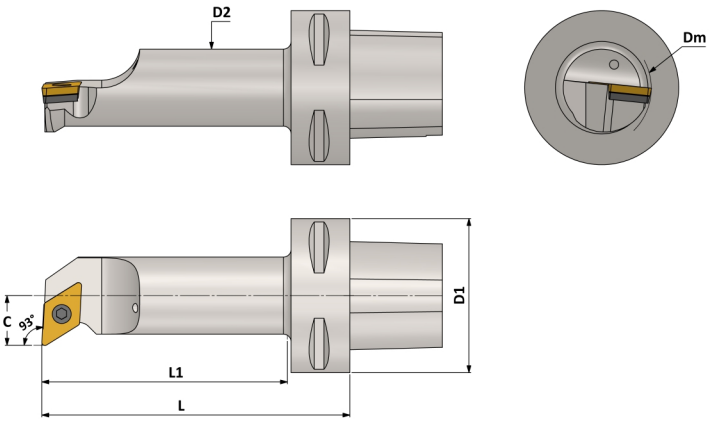




SDUC 93°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 SDUCL 07-065 11	K10107193109113	KPS 32	32	16.0	20	65	48	11	DC..0702..	0°	-6°
KPS3 SDUCR 07-065 11	K10107194109113	KPS 32	32	16.0	20	65	48	11	DC..0702..	0°	-6°
KPS3 SDUCL 11-075 13	K10107193140115	KPS 32	32	20.0	25	75	59	13	DC..11T3..	0°	-6°
KPS3 SDUCR 11-075 13	K10107194140115	KPS 32	32	20.0	25	75	59	13	DC..11T3..	0°	-6°
KPS3 SDUCL 11-090 17	K10107193142118	KPS 32	32	25.0	32	90	75	17	DC..11T3..	0°	-6°
KPS3 SDUCR 11-090 17	K10107194142118	KPS 32	32	25.0	32	90	75	17	DC..11T3..	0°	-6°
KPS3 SDUCL 11-064 22	K10107193137121	KPS 32	32	31.7	40	64	50	22	DC..11T3..	0°	-6°
KPS3 SDUCR 11-064 22	K10107194137121	KPS 32	32	31.7	40	64	50	22	DC..11T3..	0°	-6°
KPS3 SDUCL 11-096 22	K10107193143121	KPS 32	32	31.7	40	96	82	22	DC..11T3..	0°	-6°
KPS3 SDUCR 11-096 22	K10107194143121	KPS 32	32	31.7	40	96	82	22	DC..11T3..	0°	-6°
KPS4 SDUCL 07-070 11	K10101193110113	KPS 40	40	16.0	20	70	47	11	DC..0702..	0°	-8°
KPS4 SDUCR 07-070 11	K10101194110113	KPS 40	40	16.0	20	70	47	11	DC..0702..	0°	-8°
KPS4 SDUCL 11-080 13	K10101193141115	KPS 40	40	20.0	25	80	58	13	DC..11T3..	0°	-6°
KPS4 SDUCR 11-080 13	K10101194141115	KPS 40	40	20.0	25	80	58	13	DC..11T3..	0°	-6°
KPS4 SDUCL 11-090 17	K10101193142118	KPS 40	40	25.0	32	90	69	17	DC..11T3..	0°	-6°
KPS4 SDUCR 11-090 17	K10101194142118	KPS 40	40	25.0	32	90	69	17	DC..11T3..	0°	-6°
KPS4 SDUCL 11-110 22	K10101193145121	KPS 40	40	32.0	40	110	89	22	DC..11T3..	0°	-6°
KPS4 SDUCR 11-110 22	K10101194145121	KPS 40	40	32.0	40	110	89	22	DC..11T3..	0°	-6°
KPS4 SDUCL 11-080 27	K10101193141122	KPS 40	40	40.0	50	80	60	27	DC..11T3..	0°	-6°
KPS4 SDUCR 11-080 27	K10101194141122	KPS 40	40	40.0	50	80	60	27	DC..11T3..	0°	-6°

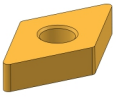
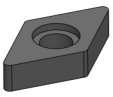
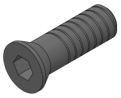
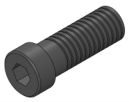
KPS (ISO 26623-1)
SDUC 93° INTERNAL TURNING TOOL



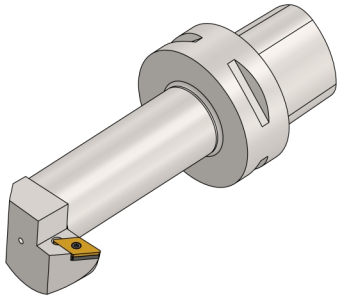


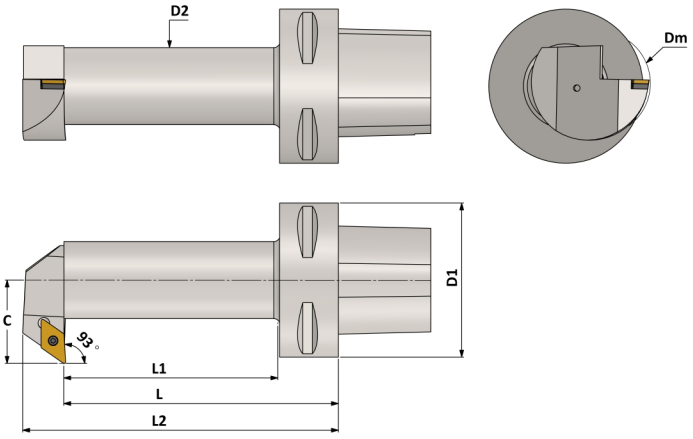
SDUC 93°

Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 SDUCL 07-070 11	K10102193110113	KPS 50	50	16.0	20	70	46	11	DC..0702..	0°	-6°
KPS5 SDUCR 07-070 11	K10102194110113	KPS 50	50	16.0	20	70	46	11	DC..0702..	0°	-6°
KPS5 SDUCL 11-080 13	K10102193141115	KPS 50	50	20.0	25	80	56	13	DC..11T3..	0°	-6°
KPS5 SDUCR 11-080 13	K10102194141115	KPS 50	50	20.0	25	80	56	13	DC..11T3..	0°	-6°
KPS5 SDUCL 11-090 17	K10102193142118	KPS 50	50	25.0	32	90	67	17	DC..11T3..	0°	-6°
KPS5 SDUCR 11-090 17	K10102194142118	KPS 50	50	25.0	32	90	67	17	DC..11T3..	0°	-6°
KPS5 SDUCL 11-110 22	K10102193145121	KPS 50	50	32.0	40	110	88	22	DC..11T3..	0°	-6°
KPS5 SDUCR 11-110 22	K10102194145121	KPS 50	50	32.0	40	110	88	22	DC..11T3..	0°	-6°
KPS5 SDUCL 11-100 35	K10102193144124	KPS 50	50	49.7	63	100	81	35	DC..11T3..	0°	-4°
KPS5 SDUCR 11-100 35	K10102194144124	KPS 50	50	49.7	63	100	81	35	DC..11T3..	0°	-4°

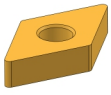
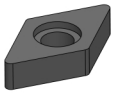
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
DC..0702..	-	-	MS1153
DC..11T3..	SKDP343	SRS3	MS1156

KPS (ISO 26623-1)
SDUC-X 93° INTERNAL TURNING TOOL

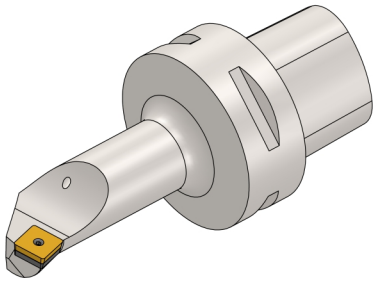


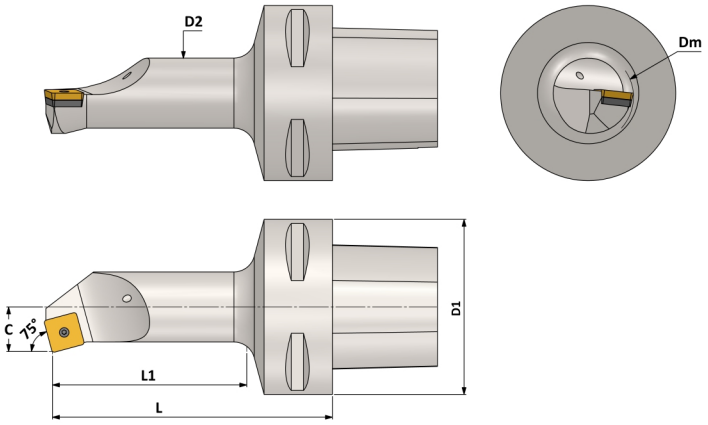


SDUC-X 93°												
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	L2	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 SDUC-XL 07-070 13	K10107195210115	KPS 32	32	16	22	70	54	80.7	13	DC..0702..	0°	-6°
KPS3 SDUC-XR 07-070 13	K10107196210115	KPS 32	32	16	22	70	54	80.7	13	DC..0702..	0°	-6°
KPS3 SDUC-XL 07-080 15	K10107195211117	KPS 32	32	20	27	80	64	80.7	15	DC..0702..	0°	-3°
KPS3 SDUC-XR 07-080 15	K10107196211117	KPS 32	32	20	27	80	64	80.7	15	DC..0702..	0°	-3°
KPS4 SDUC-XL 07-070 13	K10101195210115	KPS 40	40	16	22	70	48	80.7	13	DC..0702..	0°	-6°
KPS4 SDUC-XR 07-070 13	K10101196210115	KPS 40	40	16	22	70	48	80.7	13	DC..0702..	0°	-6°
KPS4 SDUC-XL 07-080 15	K10101195211117	KPS 40	40	20	27	80	58	91.5	15	DC..0702..	0°	-3°
KPS4 SDUC-XR 07-080 15	K10101196211117	KPS 40	40	20	27	80	58	91.5	15	DC..0702..	0°	-3°
KPS4 SDUC-XL 07-090 18	K10101195212119	KPS 40	40	25	32	90	69	101.5	18	DC..0702..	0°	-3°
KPS4 SDUC-XR 07-090 18	K10101196212119	KPS 40	40	25	32	90	69	101.5	18	DC..0702..	0°	-3°
KPS5 SDUC-XL 07-080 15	K10102195211117	KPS 50	50	20	27	80	57	91.5	15	DC..0702..	0°	-3°
KPS5 SDUC-XR 07-080 15	K10102196211117	KPS 50	50	20	27	80	57	91.5	15	DC..0702..	0°	-3°
KPS5 SDUC-XL 07-090 18	K10102195212119	KPS 50	50	25	32	90	67	101.5	18	DC..0702..	0°	-3°
KPS5 SDUC-XR 07-090 18	K10102196212119	KPS 50	50	25	32	90	67	101.5	18	DC..0702..	0°	-3°

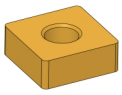
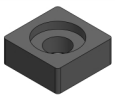
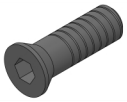
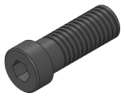
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
DC..0702..	-	-	MS1153

KPS (ISO 26623-1)
SSKC 75° INTERNAL TURNING TOOL

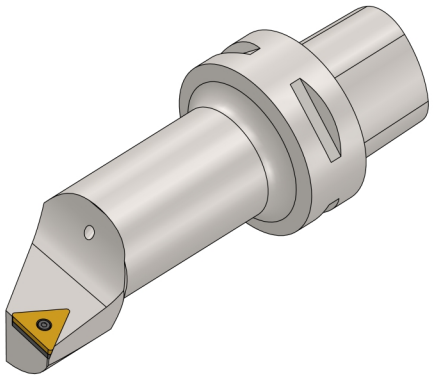


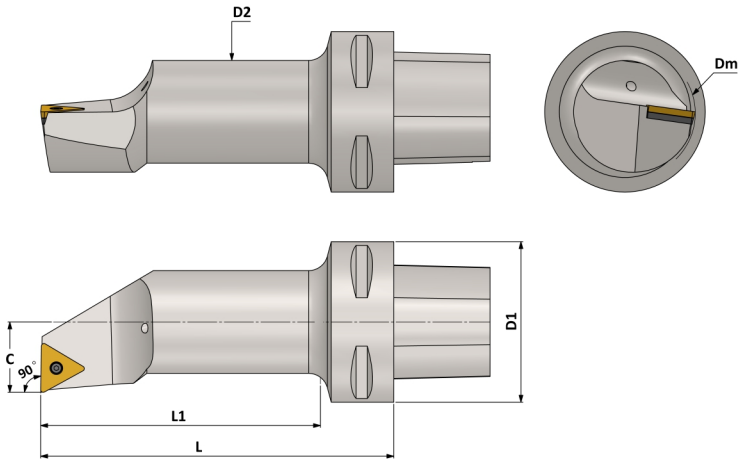


SSKC 75°											
Item Name	**Item Code**	**KPS**	**D1**	**D2**	**Dm**	**L**	**L1**	**C**	**INSERT**	**RAKE ANGLE**	**INCLINATION ANGLE**
KPS4 SSKCL 09-080 13	K10101200126115	KPS 40	40	20	25	80	58	13	SC..09T3..	0°	-6°
KPS4 SSKCR 09-080 13	K10101201126115	KPS 40	40	20	25	80	58	13	SC..09T3..	0°	-6°
KPS5 SSKCL 09-080 13	K10102200126115	KPS 50	50	20	25	80	56	13	SC..09T3..	0°	-6°
KPS5 SSKCR 09-080 13	K10102201126115	KPS 50	50	20	25	80	56	13	SC..09T3..	0°	-6°

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
SC..09T3..	SKSP343	SRS3	MS1156

KPS (ISO 26623-1)
STFC 90° INTERNAL TURNING TOOL

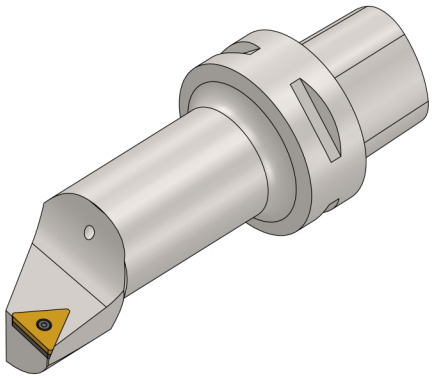


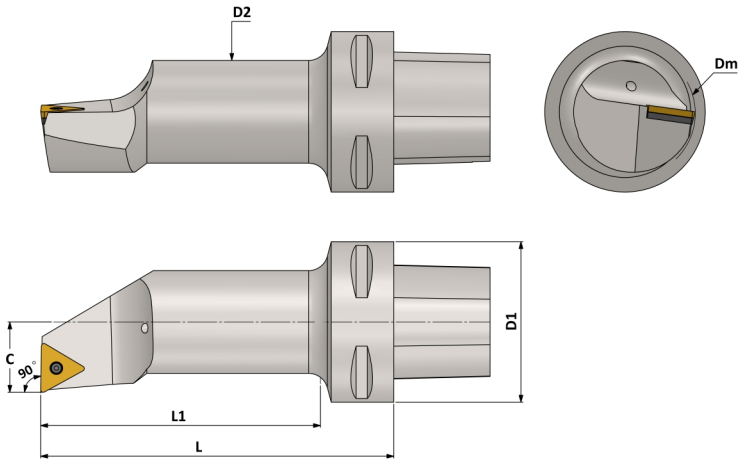


STFC 90°

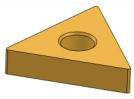
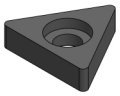
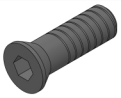
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 STFCL 11-065 11	K10107204138113	KPS 32	32	16	20	65	48	11	TC..1102..	0°	-4°
KPS3 STFCR 11-065 11	K10107205138113	KPS 32	32	16	20	65	48	11	TC..1102..	0°	-4°
KPS3 STFCL 11-075 13	K10107204140115	KPS 32	32	20	25	75	59	13	TC..1102..	0°	-3°
KPS3 STFCR 11-075 13	K10107205140115	KPS 32	32	20	25	75	59	13	TC..1102..	0°	-3°
KPS3 STFCL 16-090 17	K10107204196118	KPS 32	32	25	32	90	74	17	TC..16T3..	0°	-3.5°
KPS3 STFCR 16-090 17	K10107205196118	KPS 32	32	25	32	90	74	17	TC..16T3..	0°	-3.5°
KPS4 STFCL 11-070 11	K10101204139113	KPS 40	40	16	20	70	47	11	TC..1102..	0°	-4°
KPS4 STFCR 11-070 11	K10101205139113	KPS 40	40	16	20	70	47	11	TC..1102..	0°	-4°
KPS4 STFCL 11-080 13	K10101204141115	KPS 40	40	20	25	80	57	13	TC..1102..	0°	-3°
KPS4 STFCR 11-080 13	K10101205141115	KPS 40	40	20	25	80	57	13	TC..1102..	0°	-3°
KPS4 STFCL 16-090 17	K10101204193115	KPS 40	40	25	32	90	69	17	TC..16T3..	0°	-6°
KPS4 STFCR 16-090 17	K10101205193115	KPS 40	40	25	32	90	69	17	TC..16T3..	0°	-6°
KPS4 STFCL 16-110 22	K10101204200121	KPS 40	40	32	40	110	89	22	TC..16T3..	0°	-10°
KPS4 STFCR 16-110 22	K10101205200121	KPS 40	40	32	40	110	89	22	TC..16T3..	0°	-10°

KPS (ISO 26623-1)
STFC 90° INTERNAL TURNING TOOL

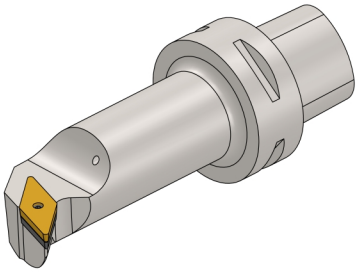


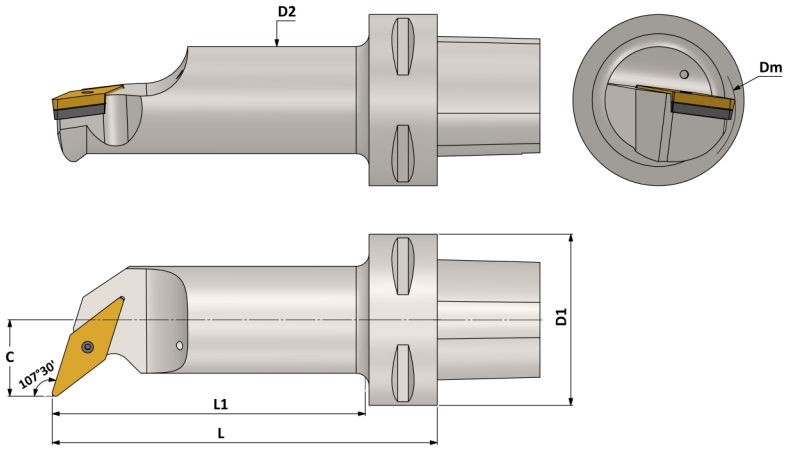


STFC 90°											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 STFCL 11-070 11	K10102204139113	KPS 50	50	16	20	70	46	11	TC..1102..	0°	-4°
KPS5 STFCR 11-070 11	K10102205139113	KPS 50	50	16	20	70	46	11	TC..1102..	0°	-4°
KPS5 STFCL 11-080 13	K10102204141115	KPS 50	50	20	25	80	56	13	TC..1102..	0°	-3°
KPS5 STFCR 11-080 13	K10102205141115	KPS 50	50	20	25	80	56	13	TC..1102..	0°	-3°
KPS5 STFCL 16-090 17	K10102204196118	KPS 50	50	25	32	90	67	17	TC..16T3..	0°	-6°
KPS5 STFCR 16-090 17	K10102205196118	KPS 50	50	25	32	90	67	17	TC..16T3..	0°	-6°
KPS5 STFCL 16-110 22	K10102204200121	KPS 50	50	32	40	110	88	22	TC..16T3..	0°	-10°
KPS5 STFCR 16-110 22	K10102205200121	KPS 50	50	32	40	110	88	22	TC..16T3..	0°	-10°

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
TC..1102..	-	-	MS1153
TC..16T3..	SKTP343	SRS3	MS1156

KPS (ISO 26623-1)
SVQB 107°30' INTERNAL TURNING TOOL

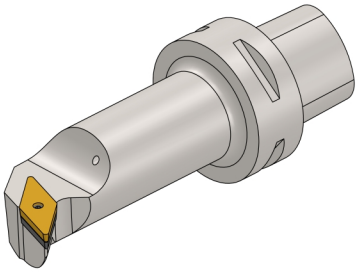


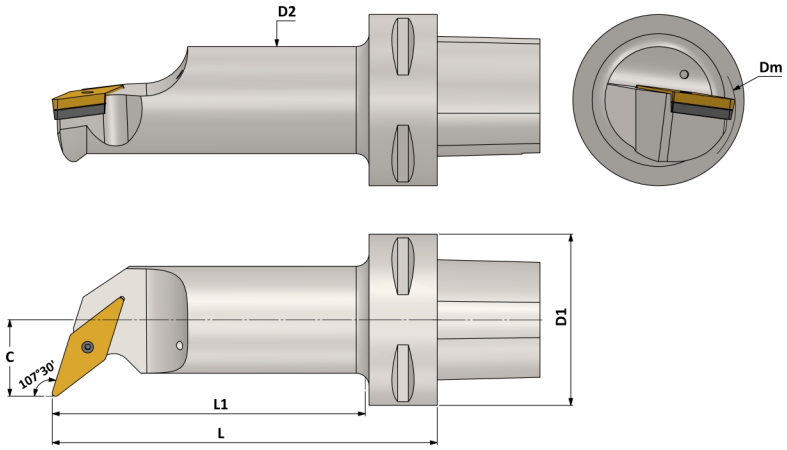


SVQB 107°30'

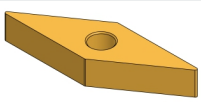
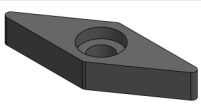
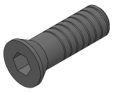
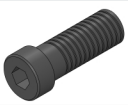
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 SVQBL 16-090 18	K10107220196119	KPS 32	32	25	33	90	75	18	VB..1604..	0°	-6°
KPS3 SVQBR 16-090 18	K10107221196119	KPS 32	32	25	33	90	75	18	VB..1604..	0°	-6°
KPS3 SVQBL 16-064 22	K10107220190121	KPS 32	32	31.7	40	64	49	22	VB..1604..	0°	-7.5°
KPS3 SVQBR 16-064 22	K10107221190121	KPS 32	32	31.7	40	64	49	22	VB..1604..	0°	-7.5°
KPS3 SVQBL 16-096 22	K10107220197121	KPS 32	32	31.7	40	96	82	22	VB..1604..	0°	-8°
KPS3 SVQBR 16-096 22	K10107221197121	KPS 32	32	31.7	40	96	82	22	VB..1604..	0°	-8°
KPS4 SVQBL 11-070 13	K10101220139115	KPS 40	40	20	25	70	47	13	VB..1103..	0°	-6°
KPS4 SVQBR 11-070 13	K10101221139115	KPS 40	40	20	25	70	47	13	VB..1103..	0°	-6°
KPS4 SVQBL 16-090 18	K10101220196119	KPS 40	40	25	33	90	69	18	VB..1604..	0°	-6°
KPS4 SVQBR 16-090 18	K10101221196119	KPS 40	40	25	33	90	69	18	VB..1604..	0°	-6°
KPS4 SVQBL 16-110 22	K10101220200121	KPS 40	40	32	40	110	89	22	VB..1604..	0°	-8°
KPS4 SVQBR 16-110 22	K10101221200121	KPS 40	40	32	40	110	89	22	VB..1604..	0°	-8°
KPS4 SVQBL 16-080 27	K10101220194122	KPS 40	40	40	50	80	60	27	VB..1604..	0°	-8°
KPS4 SVQBR 16-080 27	K10101221194122	KPS 40	40	40	50	80	60	27	VB..1604..	0°	-8°
KPS4 SVQBL 16-120 27	K10101220201122	KPS 40	40	40	50	120	100	27	VB..1604..	0°	-8°
KPS4 SVQBR 16-120 27	K10101221201122	KPS 40	40	40	50	120	100	27	VB..1604..	0°	-8°

KPS (ISO 26623-1)
SVQB 107°30' INTERNAL TURNING TOOL

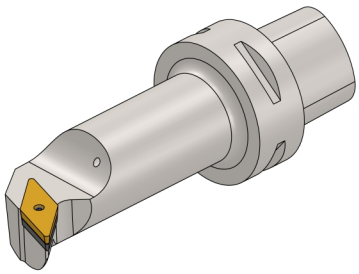


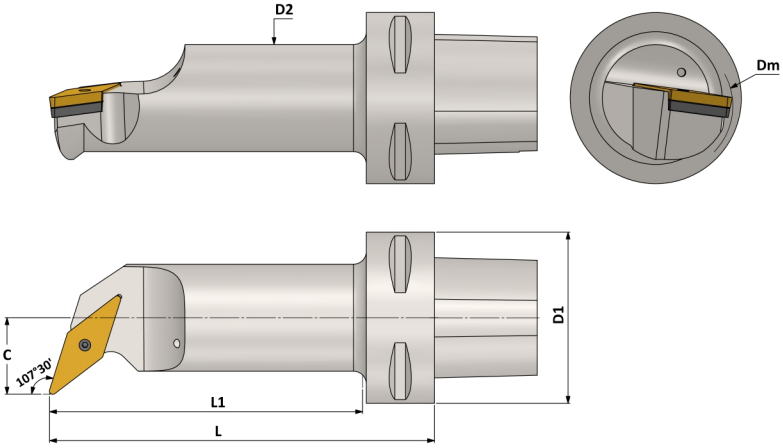


SVQB 107°30'											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 SVQBL 16-090 18	K10102220196119	KPS 50	50	25	33	90	67	18	VB..1604..	0°	-6°
KPS5 SVQBR 16-090 18	K10102221196119	KPS 50	50	25	33	90	67	18	VB..1604..	0°	-6°
KPS5 SVQBL 16-110 22	K10102220200121	KPS 50	50	32	40	110	88	22	VB..1604..	0°	-8°
KPS5 SVQBR 16-110 22	K10102221200121	KPS 50	50	32	40	110	88	22	VB..1604..	0°	-8°
KPS5 SVQBL 16-140 27	K10102220203122	KPS 50	50	40	50	140	119	27	VB..1604..	0°	-8°
KPS5 SVQBR 16-140 27	K10102221203122	KPS 50	50	40	50	140	119	27	VB..1604..	0°	-8°
KPS5 SVQBL 16-100 35	K10102220198124	KPS 50	50	50	63	100	81	35	VB..1604..	0°	-7°
KPS5 SVQBR 16-100 35	K10102221198124	KPS 50	50	50	63	100	81	35	VB..1604..	0°	-7°
KPS5 SVQBL 16-150 35	K10102220205124	KPS 50	50	50	63	150	131	35	VB..1604..	0°	-7°
KPS5 SVQBR 16-150 35	K10102221205124	KPS 50	50	50	63	150	131	35	VB..1604..	0°	-7°
KPS6 SVQBL 16-120 22	K10103220201121	KPS 63	63	32	40	120	94	22	VB..1604..	0°	-8°
KPS6 SVQBR 16-120 22	K10103221201121	KPS 63	63	32	40	120	94	22	VB..1604..	0°	-8°
KPS6 SVQBL 16-145 27	K10103220204122	KPS 63	63	40	50	145	120	27	VB..1604..	0°	-8°
KPS6 SVQBR 16-145 27	K10103221204122	KPS 63	63	40	50	145	120	27	VB..1604..	0°	-8°
KPS6 SVQBL 16-175 35	K10103220206124	KPS 63	63	50	63	175	152	35	VB..1604..	0°	-8°
KPS6 SVQBR 16-175 35	K10103221206124	KPS 63	63	50	63	175	152	35	VB..1604..	0°	-8°

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VB..1103..	-	-	MS1153
VB..1604..	SKVN343	SRS3	MS1156

KPS (ISO 26623-1)
SVQC 107°30' INTERNAL TURNING TOOL

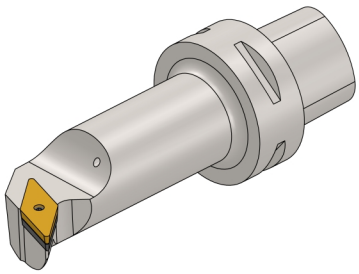


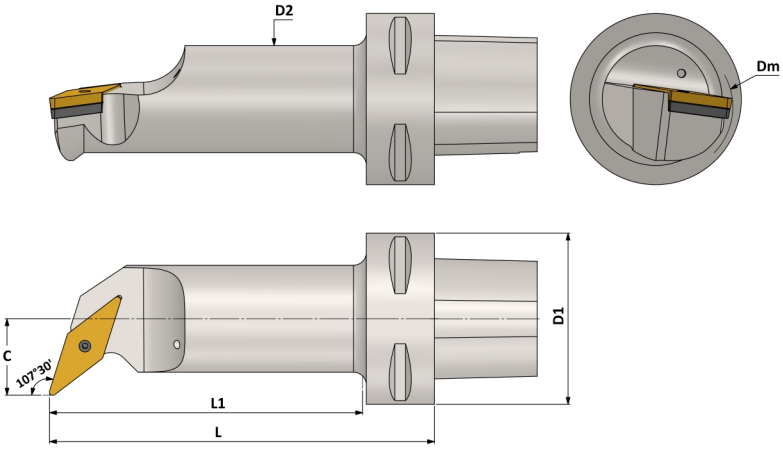


SVQC 107°30'

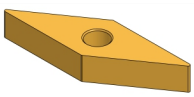
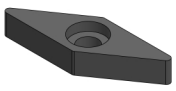
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS3 SVQCL 11-070 13	K10107222139115	KPS 32	32	16	22	70	53.4	13	VC..1103..	0°	-7°
KPS3 SVQCR 11-070 13	K10107223139115	KPS 32	32	16	22	70	53.4	13	VC..1103..	0°	-7°
KPS3 SVQCL 11-080 15	K10107222141117	KPS 32	32	20	27	80	63.9	15	VC..1103..	0°	-5°
KPS3 SVQCR 11-080 15	K10107223141117	KPS 32	32	20	27	80	63.9	15	VC..1103..	0°	-5°
KPS4 SVQCL 11-070 13	K10101222139115	KPS 40	40	20	25	70	47.9	13	VC..1103..	0°	-5.5°
KPS4 SVQCR 11-070 13	K10101223139115	KPS 40	40	20	25	70	47.9	13	VC..1103..	0°	-5.5°
KPS4 SVQCL 11-080 15	K10101222141117	KPS 40	40	20	27	80	57.9	15	VC..1103..	0°	-5°
KPS4 SVQCR 11-080 15	K10101223141117	KPS 40	40	20	27	80	57.9	15	VC..1103..	0°	-5°
KPS4 SVQCL 16-090 18	K10101222196119	KPS 40	40	25	33	90	69	18	VC..1604..	0°	-12°
KPS4 SVQCR 16-090 18	K10101223196119	KPS 40	40	25	33	90	69	18	VC..1604..	0°	-12°
KPS4 SVQCL 16-110 22	K10101222200121	KPS 40	40	32	40	110	89	22	VC..1604..	0°	-8°
KPS4 SVQCR 16-110 22	K10101223200121	KPS 40	40	32	40	110	89	22	VC..1604..	0°	-8°
KPS4 SVQCL 16-080 27	K10101222194122	KPS 40	40	40	50	80	60	27	VC..1604..	0°	-8°
KPS4 SVQCR 16-080 27	K10101223194122	KPS 40	40	40	50	80	60	27	VC..1604..	0°	-8°
KPS4 SVQCL 16-120 27	K10101222201122	KPS 40	40	40	50	120	100	27	VC..1604..	0°	-8°
KPS4 SVQCR 16-120 27	K10101223201122	KPS 40	40	40	50	120	100	27	VC..1604..	0°	-8°

KPS (ISO 26623-1)
SVQC 107°30' INTERNAL TURNING TOOL

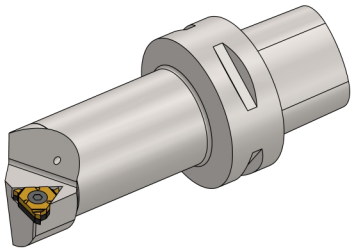


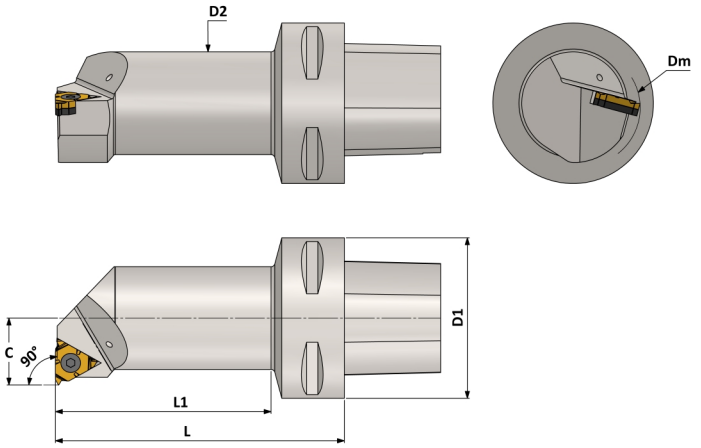


SVQC 107°30'											
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT	RAKE ANGLE	INCLINATION ANGLE
KPS5 SVQCL 16-090 18	K10102222196119	KPS 50	50	25	33	90	67	18	VC..1604..	0°	-12°
KPS5 SVQCR 16-090 18	K10102223196119	KPS 50	50	25	33	90	67	18	VC..1604..	0°	-12°
KPS5 SVQCL 16-110 22	K10102222200121	KPS 50	50	32	40	110	88	22	VC..1604..	0°	-8°
KPS5 SVQCR 16-110 22	K10102223200121	KPS 50	50	32	40	110	88	22	VC..1604..	0°	-8°
KPS5 SVQCL 16-140 27	K10102222203122	KPS 50	50	40	50	140	119	27	VC..1604..	0°	-8°
KPS5 SVQCR 16-140 27	K10102223203122	KPS 50	50	40	50	140	119	27	VC..1604..	0°	-8°
KPS5 SVQCL 16-100 35	K10102222198124	KPS 50	50	50	63	100	81	35	VC..1604..	0°	-7°
KPS5 SVQCR 16-100 35	K10102223198124	KPS 50	50	50	63	100	81	35	VC..1604..	0°	-7°
KPS5 SVQCL 16-150 35	K10102222205124	KPS 50	50	50	63	150	131	35	VC..1604..	0°	-7°
KPS5 SVQCR 16-150 35	K10102223205124	KPS 50	50	50	63	150	131	35	VC..1604..	0°	-7°
KPS6 SVQCL 16-120 22	K10103222201121	KPS 63	63	32	40	120	94	22	VC..1604..	0°	-8°
KPS6 SVQCR 16-120 22	K10103223201121	KPS 63	63	32	40	120	94	22	VC..1604..	0°	-8°
KPS6 SVQCL 16-145 27	K10103222204122	KPS 63	63	40	50	145	120	27	VC..1604..	0°	-8°
KPS6 SVQCR 16-145 27	K10103223204122	KPS 63	63	40	50	145	120	27	VC..1604..	0°	-8°
KPS6 SVQCL 16-175 35	K10103222206124	KPS 63	63	50	63	175	152	35	VC..1604..	0°	-8°
KPS6 SVQCR 16-175 35	K10103223206124	KPS 63	63	50	63	175	152	35	VC..1604..	0°	-8°

INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
VC..1103..	-	-	MS1153
VC..1604..	SKVN343	SRS3	MS1156

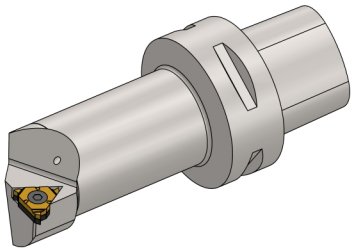
KPS (ISO 26623-1)
INTERNAL THREADING TOOL (SI 90°)

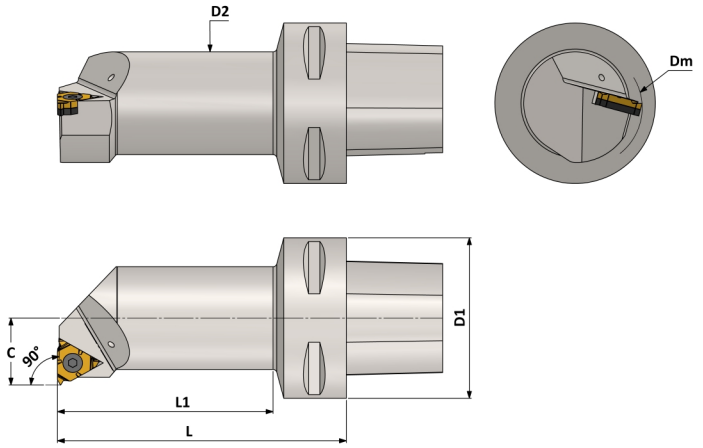




INTERNAL THREADING TOOL (SI 90°)									
Item Name	**Item Code**	**KPS**	**D1**	**D2**	**Dm**	**L**	**L1**	**C**	**INSERT**
KPS3 SIL 16-050 12	K10107137186114	KPS 32	32	15.5	20	50	33	12	..16..
KPS3 SIR 16-050 12	K10107138186114	KPS 32	32	15.5	20	50	33	12	..16..
KPS3 SIL 16-085 22	K10107137195121	KPS 32	32	31.5	40	85	70	22	..16..
KPS3 SIR 16-085 22	K10107138195121	KPS 32	32	31.5	40	85	70	22	..16..
KPS4 SIL 16-060 12	K10101137188114	KPS 40	40	15.5	20	60	37	12	..16..
KPS4 SIR 16-060 12	K10101138188114	KPS 40	40	15.5	20	60	37	12	..16..
KPS4 SIL 16-060 14	K10101137188116	KPS 40	40	18.5	25	60	38	14	..16..
KPS4 SIR 16-060 14	K10101138188116	KPS 40	40	18.5	25	60	38	14	..16..
KPS4 SIL 16-070 17	K10101137192118	KPS 40	40	24.5	32	70	48	17	..16..
KPS4 SIR 16-070 17	K10101138192118	KPS 40	40	24.5	32	70	48	17	..16..
KPS4 SIL 16-090 22	K10101137196121	KPS 40	40	32	40	90	69	22	..16..
KPS4 SIR 16-090 22	K10101138196121	KPS 40	40	32	40	90	69	22	..16..
KPS4 SIL 16-080 27	K10101137194122	KPS 40	40	39.5	50	80	60	27	..16..
KPS4 SIR 16-080 27	K10101138194122	KPS 40	40	39.5	50	80	60	27	..16..
KPS4 SIL 22-065 15	K10101137225117	KPS 40	40	18.5	25	65	42	15	..22..
KPS4 SIR 22-065 15	K10101138225117	KPS 40	40	18.5	25	65	42	15	..22..
KPS4 SIL 22-070 19	K10101137226120	KPS 40	40	25	32	70	48	19	..22..
KPS4 SIR 22-070 19	K10101138226120	KPS 40	40	25	32	70	48	19	..22..
KPS4 SIL 22-090 22	K10101137229121	KPS 40	40	31.5	40	90	69	22	..22..
KPS4 SIR 22-090 22	K10101138229121	KPS 40	40	31.5	40	90	69	22	..22..
KPS4 SIL 22-080 27	K10101137228122	KPS 40	40	39.5	50	80	60	27	..22..
KPS4 SIR 22-080 27	K10101138228122	KPS 40	40	39.5	50	80	60	27	..22..

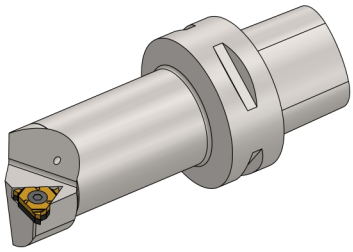
KPS (ISO 26623-1)
INTERNAL THREADING TOOL (SI 90°)

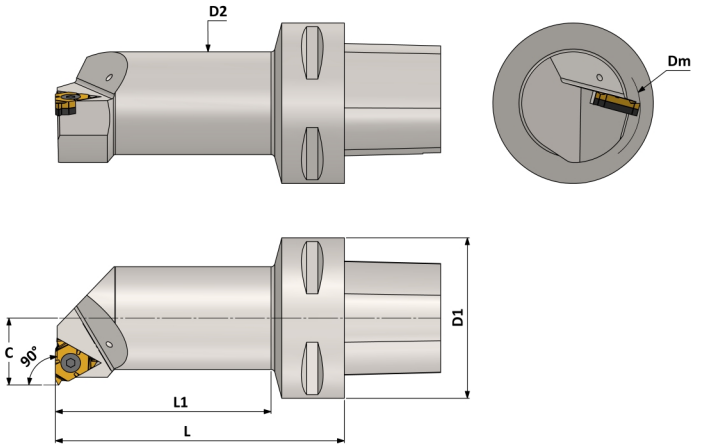




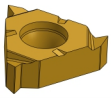
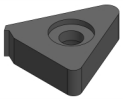
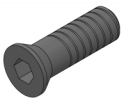
INTERNAL THREADING TOOL (SI 90°)									
Item Name	Item Code	KPS	D1	D2	Dm	L	L1	C	INSERT
KPS5 SIL 16-060 12	K10102137188114	KPS 50	50	15.5	20	60	35	12	..16..
KPS5 SIR 16-060 12	K10102138188114	KPS 50	50	15.5	20	60	35	12	..16..
KPS5 SIL 16-060 14	K10102137188116	KPS 50	50	18.5	25	60	36	14	..16..
KPS5 SIR 16-060 14	K10102138188116	KPS 50	50	18.5	25	60	36	14	..16..
KPS5 SIL 16-070 17	K10102137192118	KPS 50	50	24.5	32	70	47	17	..16..
KPS5 SIR 16-070 17	K10102138192118	KPS 50	50	24.5	32	70	47	17	..16..
KPS5 SIL 16-090 22	K10102137196121	KPS 50	50	24.5	40	90	68	22	..16..
KPS5 SIR 16-090 22	K10102138196121	KPS 50	50	24.5	40	90	68	22	..16..
KPS5 SIL 16-105 27	K10102137199121	KPS 50	50	40	50	105	84	27	..16..
KPS5 SIR 16-105 27	K10102138199121	KPS 50	50	40	50	105	84	27	..16..
KPS5 SIL 22-065 15	K10102137225117	KPS 50	50	18.5	25	65	41	15	..22..
KPS5 SIR 22-065 15	K10102138225117	KPS 50	50	18.5	25	65	41	15	..22..
KPS5 SIL 22-070 19	K10102137226120	KPS 50	50	25	32	70	47	19	..22..
KPS5 SIR 22-070 19	K10102138226120	KPS 50	50	25	32	70	47	19	..22..
KPS5 SIL 22-090 22	K10102137229121	KPS 50	50	31.5	40	90	68	22	..22..
KPS5 SIR 22-090 22	K10102138229121	KPS 50	50	31.5	40	90	68	22	..22..
KPS5 SIL 22-105 27	K10102137230122	KPS 50	50	40	50	105	84	27	..22..
KPS5 SIR 22-105 27	K10102138230122	KPS 50	50	40	50	105	84	27	..22..

KPS (ISO 26623-1)
INTERNAL THREADING TOOL (SI 90°)

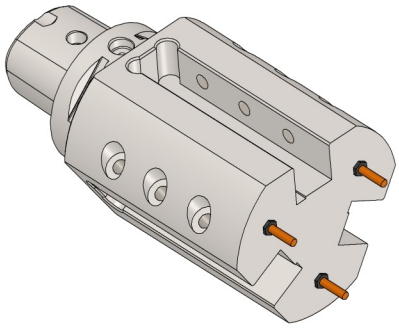


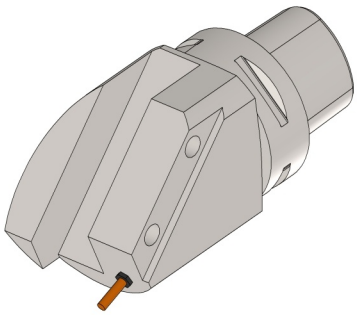


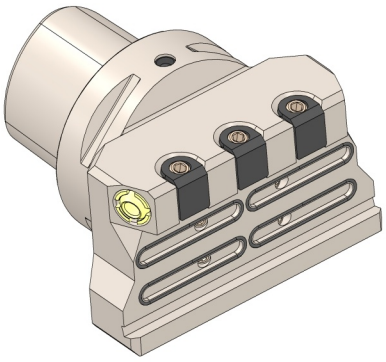
INTERNAL THREADING TOOL (SI 90°)									
Item Name	**Item Code**	**KPS**	**D1**	**D2**	**Dm**	**L**	**L1**	**C**	**INSERT**
KPS6 SIL 16-070 14	K10103137192116	KPS 63	63	18.5	25	70	42	14	..16..
KPS6 SIR 16-070 14	K10103138192116	KPS 63	63	18.5	25	70	42	14	..16..
KPS6 SIL 16-075 17	K10103137193118	KPS 63	63	24.5	32	75	48	17	..16..
KPS6 SIR 16-075 17	K10103138193118	KPS 63	63	24.5	32	75	48	17	..16..
KPS6 SIL 16-090 22	K10103137196121	KPS 63	63	32	40	90	64	22	..16..
KPS6 SIR 16-090 22	K10103138196121	KPS 63	63	32	40	90	64	22	..16..
KPS6 SIL 16-105 27	K10103137199122	KPS 63	63	40	50	105	80	27	..16..
KPS6 SIR 16-105 27	K10103138199122	KPS 63	63	40	50	105	80	27	..16..
KPS6 SIL 22-075 19	K10103137227120	KPS 63	63	25	32	75	48	19	..22..
KPS6 SIR 22-075 19	K10103138227120	KPS 63	63	25	32	75	48	19	..22..
KPS6 SIL 22-090 22	K10103137229121	KPS 63	63	31.5	40	90	64	22	..22..
KPS6 SIR 22-090 22	K10103138229121	KPS 63	63	31.5	40	90	64	22	..22..
KPS6 SIL 22-105 27	K10103137230122	KPS 63	63	40	50	105	80	27	..22..
KPS6 SIR 22-105 27	K10103138230122	KPS 63	63	40	50	105	80	27	..22..

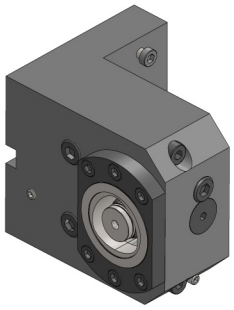
INSERT	SHIM	SHIM SCREW	INSERT SCREW
			
..16..	SMYE3	SSY3T	CKC3
..22..	SMYE4	SSY4T	CKC4

TURNING TOOL HOLDER BLOCK

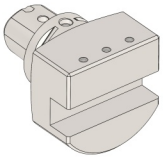
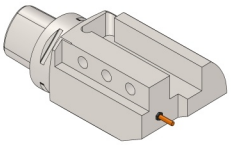
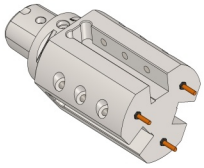
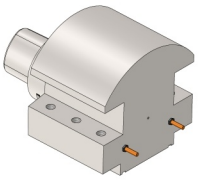
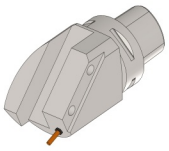
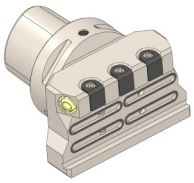
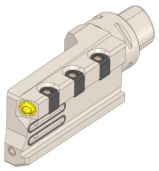
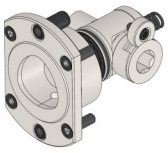
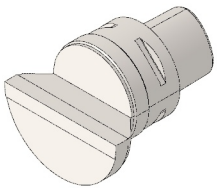
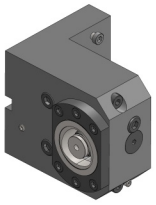
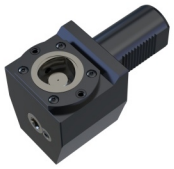
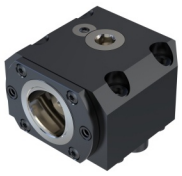
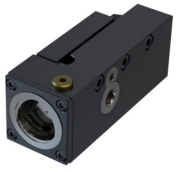
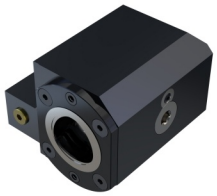
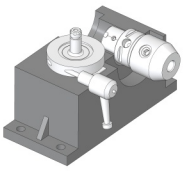


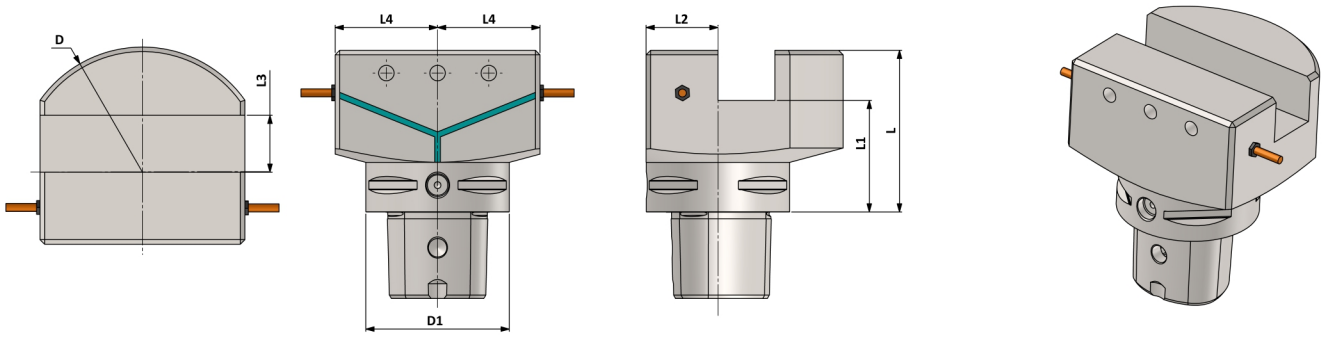






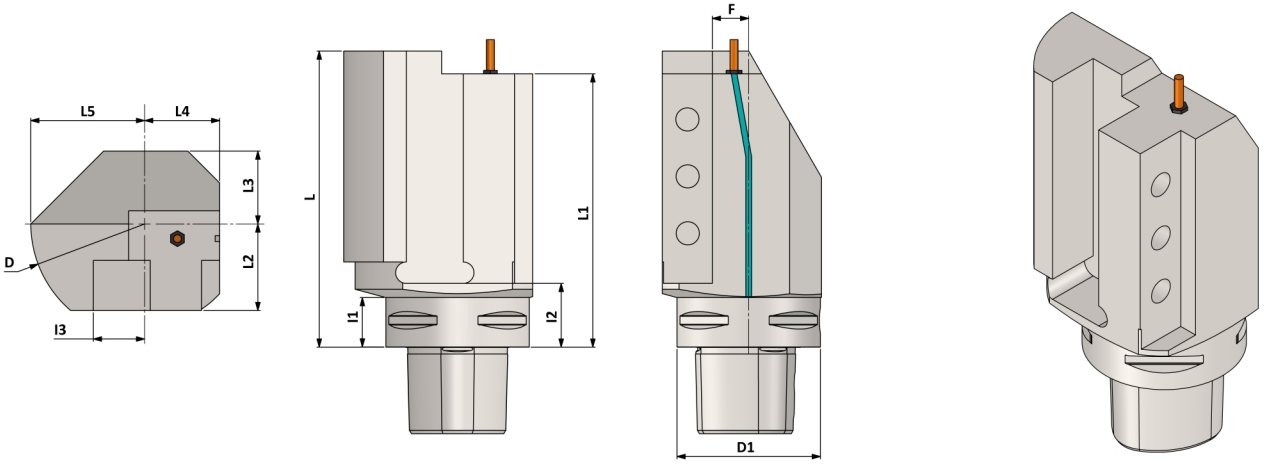
INDEX

 KPS RADIAL TOOL HOLDER (RTH) Page No. 192	 AXIAL TOOL HOLDER (ATH) Page No. 193	 TRIPLEX AXIAL TOOL HOLDER (TA-TH) Page No. 194	 DUPLEX AXIAL TOOL HOLDER (DA-TH) Page No. 195
 45° TOOL HOLDER (TH 45°) Page No. 196	 Cut off Block Radial with ECO / Direct Coolant Page No. 197	 Cut off Block Axial with ECO / Direct Coolant" Page No. 198	 KPS FLANGE KIT Page No. 199 - 200
 MASTER SETTING GAUGE INDEX Page No. 201	 STATIC AXIAL TOOL HOLDER Page No. 202 - 203	 STATIC RADIAL TOOL HOLDER Page No. 204	 AXIAL VDI X KPS Page No. 205 - 206
 RADIAL VDI X KPS Page No. 207	 RADIAL BLOCK THROUGH COOLANT Page No. 208	 HORIZONTAL LATHE BLOCK (AXIAL) Page No. 209	 SQUARE SHANK HOLDER (BTP-HTP) Page No. 210
 Hydraulic Actuated Block High Pressure Page No. 211	 Hydraulic Actuated Block Low Pressure Page No. 212	 TOOL BOY Page No. 213	



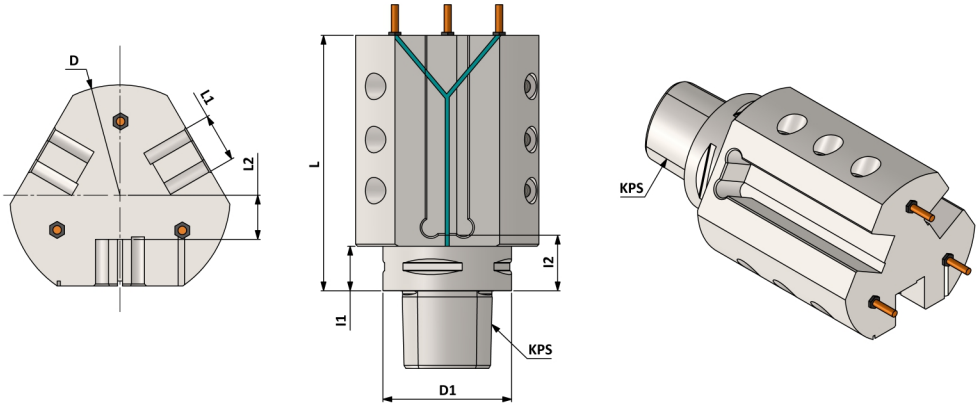
Radial Tool Holder (RTH)									
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**	**L2**	**L3**	**L4**
KPS5 RTH20 058	K10423875273226	KPS 50	90	50	58	40	25.1	20	38
KPS6 RTH20 060	K10423875273225	KPS 63	90	63	60	42	31.6	20	38
KPS6 RTH25 071	K10419484125127	KPS 63	110	63	71	49	31.6	25	45
KPS6 RTH32 071	K10423875274225	KPS 63	130	63	71	46	32	32	50
KPS8 RTH32 085	K10425875275225	KPS 80	142	80	85	60	40.5	32	55

KPS (ISO 26623-1)
Axial Tool Holder (ATH)

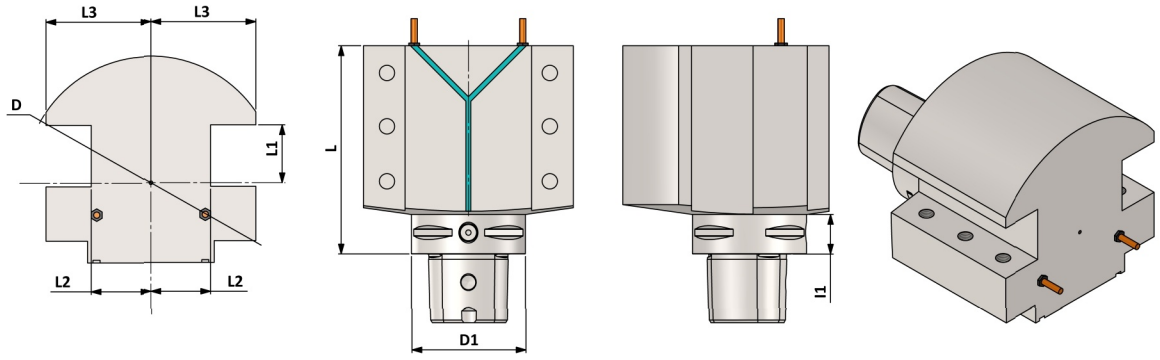


Axial Tool Holder (ATH)													
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**	**L2**	**L3**	**L4**	**L5**	**I1**	**I2**	**I3**	**F**
KPS5 ATH20 098 L	K10423484262127	KPS 50	90	50	98	88	30	29	33	41	20	26	20	12
KPS5 ATH20 098 R	K10423484562127	KPS 50	90	50	98	88	30	29	33	41	20	26	20	12
KPS6 ATH20 100 L	K10419484261127	KPS 63	90	63	100	90	30	29	33	41	22	25	20	12
KPS6 ATH20 100 R	K10419484148127	KPS 63	90	63	100	90	30	29	33	41	22	25	20	12
KPS6 ATH25 130 L	K10419484165127	KPS 63	100	63	130	120	38	32	33	50	22	28	25	16
KPS6 ATH25 130 R	K10419687165127	KPS 63	100	63	130	120	38	32	33	50	22	28	25	16
KPS8 ATH32 140 L	K10425485169127	KPS 80	110	80	140	130	40	40	30	55	30	35	32	15
KPS8 ATH32 140 R	K10425484169127	KPS 80	110	80	140	130	40	40	30	55	30	35	32	15

KPS (ISO 26623-1)
Triplex Axial Tool Holder (TA-TH)

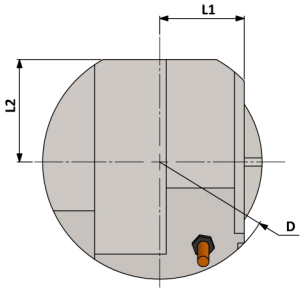


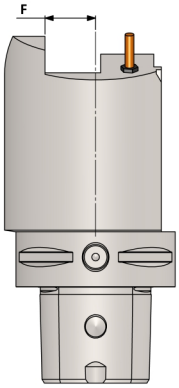
Triplex Axial Tool Holder (TA-TH)									
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**	**L2**	**I1**	**I2**
KPS5 TA-TH20 123 L	K10423879163559	KPS 50	90	50	123	20	18	20	26
KPS5 TA-TH20 123 R	K10423879163795	KPS 50	90	50	123	20	18	20	26
KPS6 TA-TH20 125 L	K10419879164559	KPS 63	90	63	125	20	18	22	28
KPS6 TA-TH20 125 R	K10419879164795	KPS 63	90	63	125	20	18	22	28
KPS8 TA-TH32 150 L	K10425879173559	KPS 80	120	80	150	32	20	30	36
KPS8 TA-TH32 150 R	K10425879173795	KPS 80	120	80	150	32	20	30	36

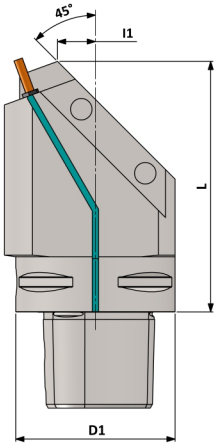


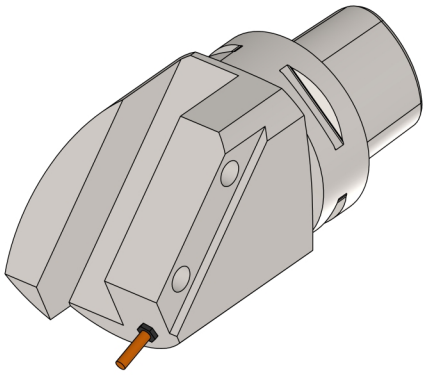
Duplex Axial Tool Holder (DA - TH)									
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**	**L2**	**L3**	**I1**
KPS6 DA-TH 32 115	K10419566275306	KPS 63	140	63	115	32	33	58	22

KPS (ISO 26623-1)
45° Tool Holder (TH 45°)



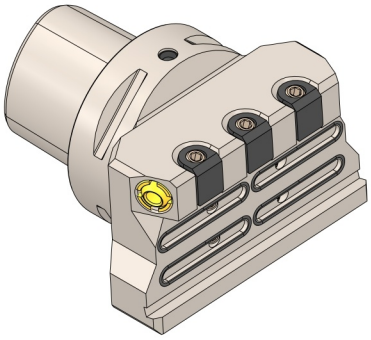


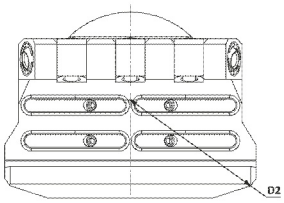


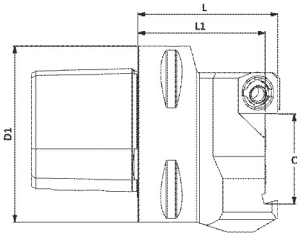


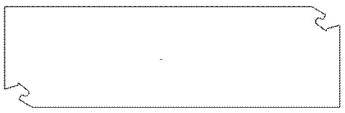
45° Tool Holder (TH 45°)									
Item Name	**Item Code**	**KPS**	**D**	**D1**	**F**	**L**	**L1**	**L2**	**I1**
KPS5 TH45° 20 097 L	K10423847273225	KPS 50	72	50	20	97	26	30.6	15
KPS5 TH45° 20 097 R	K10423847273224	KPS 50	72	50	20	97	26	30.6	15
KPS6 TH45° 20 099 L	K10419847273226	KPS 63	72	63	20	99	28	31.5	15
KPS6 TH45° 20 099 R	K10419847273225	KPS 63	72	63	20	99	28	31.5	15
KPS8 TH45° 32 135 L	K10425847273225	KPS 80	140	80	32	135	40	45	17
KPS8 TH45° 32 135 R	K10425847273224	KPS 80	140	80	32	135	40	45	17

KPS (ISO 26623-1)
Cut off Block Radial with ECO / Direct Coolant



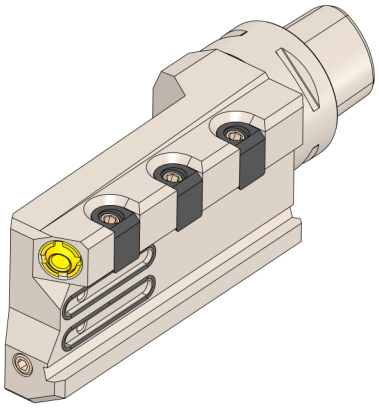


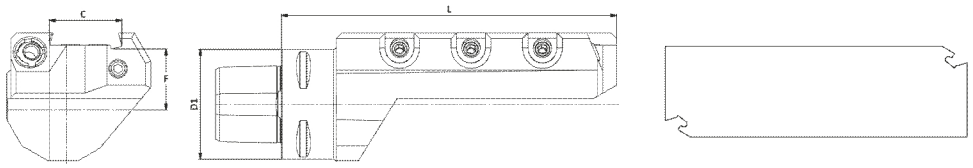




Cut off Block Radial with ECO / Direct Coolant							
Item Name	**Item Code**	**KPS**	**D1**	**D2**	**L1**	**L2**	**C**
KPS4 RPB-K 026 045	K10101279270101	KPS 40	40	90	45	40.5	26
KPS5 RPB-K 026 045	K10102279270101	KPS 50	50	90	45	40.5	26
KPS6 RPB-K 032 050	K10103279271101	KPS 63	63	100	50	45.5	32

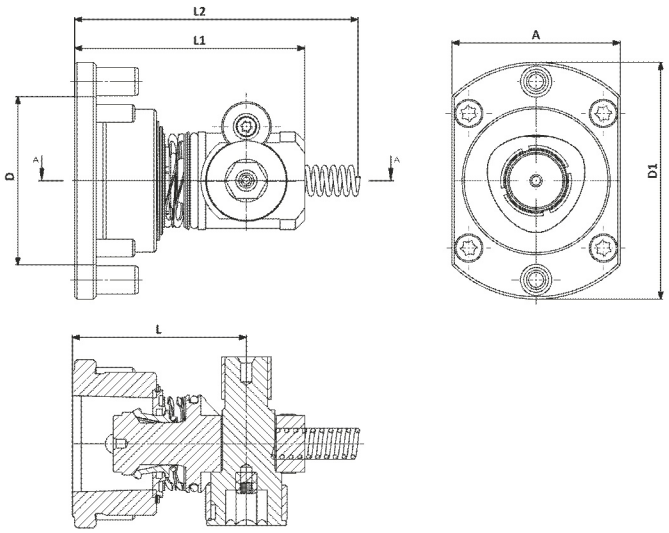
KPS (ISO 26623-1)
Cut Off Block Axial With Eco/Direct Coolant





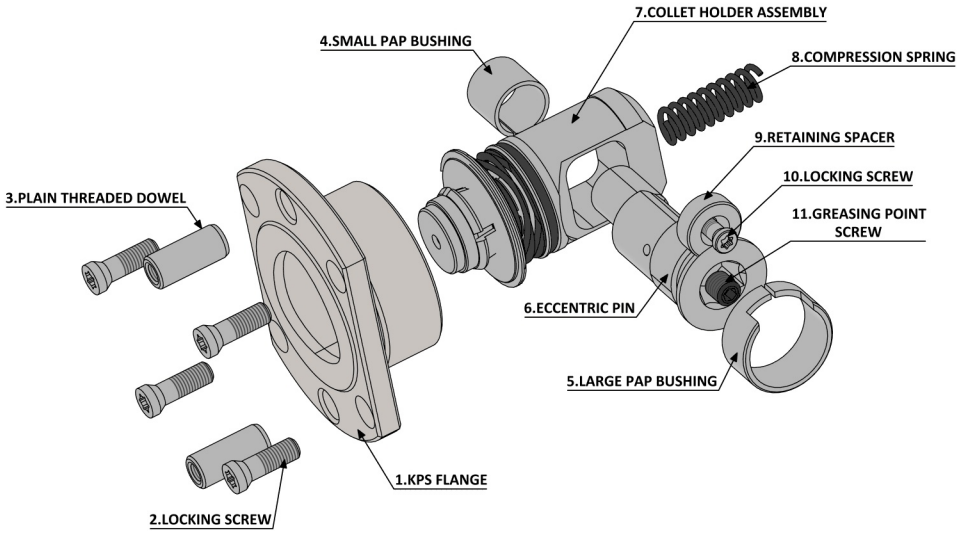
Cut Off Block Axial With Eco/Direct Coolant							
Item Name	**Item Code**	**KPS**	**D1**	**D2**	**L**	**C**	**F**
KPS4 APB-K 026 122-L	K10101280272144	KPS 40	40	80	122	26	21
KPS4 APB-K 026 122-R	K10101280272143	KPS 40	40	80	122	26	21
KPS5 APB-K 026 122-L	K10102280272144	KPS 50	50	90	122	26	26
KPS5 APB-K 026 122-R	K10102280272143	KPS 50	50	90	122	26	26
KPS6 APB-K 032 160-L	K10103180273144	KPS 63	63	105	160	32	22
KPS6 APB-K 032 160-R	K10103280273143	KPS 63	63	105	160	32	22

KPS (ISO 26623-1)
KPS Flange Kit



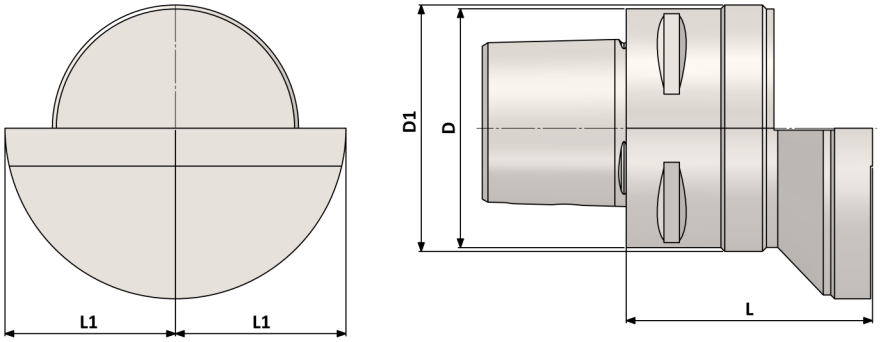
Flange Kit								
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**	**L2**	**A**
KPS3 Flange Kit	K10429247877796	KPS 32	32	54	40.5	55	67	38
KPS4 Flange Kit	K10422247877796	KPS 40	40	67	48.5	65	80	48
KPS5 Flange Kit	K10423247877796	KPS 50	50	82	56.5	75	91.5	64
KPS6 Flange Kit	K10419247877796	KPS 63	63	105	74	93	112.5	84

KPS (ISO 26623-1)
Flange Kit BOM



Flange Kit BOM

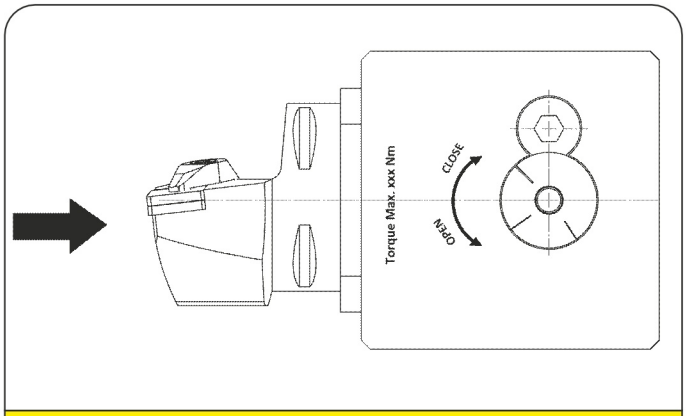
Sr. No.	Item Name	Qty
1	KPS Flange	1
2	Locking Screw	4
3	Plain Threaded Dowel	2
4	Small Pap Bushing	1
5	Large Pap Bushing	1
6	Eccentric Pin	1
7	Collet Holder Assembly	1
8	Compression Spring	1
9	Retaining Spacer	1
10	Locking Screw	1
11	Greasing Point Screw	1



KPS Master Setting Gauges						
Item Name	**Item Code**	**KPS**	**D**	**D1**	**L**	**L1**
KPS3 Master Setting Gauge	K10429248877796	KPS 32	32	34	40	22
KPS4 Master Setting Gauge	K10422248877796	KPS 40	40	42	50	27
KPS5 Master Setting Gauge	K10423248877796	KPS 50	50	52	60	35
KPS6 Master Setting Gauge	K10419248877796	KPS 63	63	65	65	45
KPS8 Master Setting Gauge	K10424248917796	KPS 80	80	82	80	55
KPS8X Master Setting Gauge	K10424248877796	KPS80X	100	82	80	55

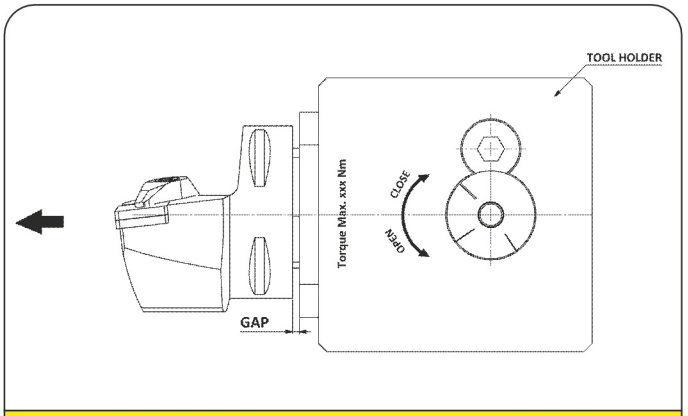
Guideline for
KPS Tool holder clamping in the Block

KPS Master Setting Gauges



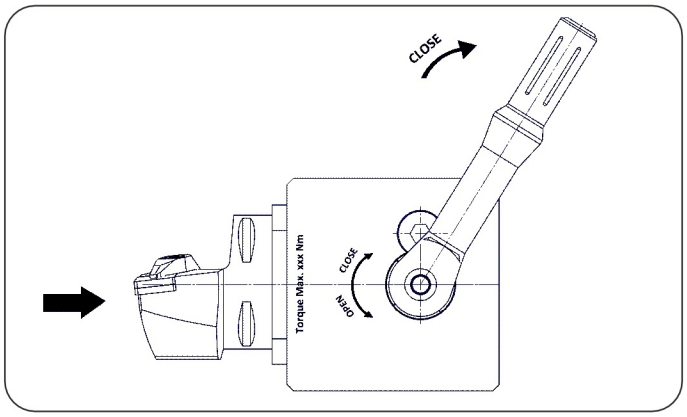
1.Clamped position

- Insert KPS Tool holder in KPS tool holder block with reference to orientation.



2. De-clamped Position

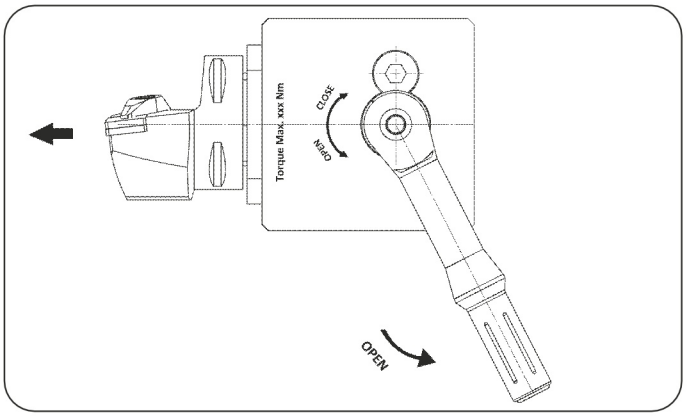
- For clamping the holder apply torque wrench or Allen key on the clamping unit in clockwise direction.



- Clamp the tool holder as per recommended torque values.
  - **KPS 3 - 35 Nm**
  - **KPS 4 - 50 Nm**
  - **KPS 5 - 70 Nm**
  - **KPS 6 - 90 Nm**
  - **KPS 8 - 130 Nm**

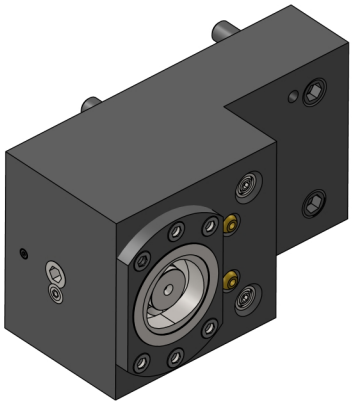
To De-clamp the KPS Holder :

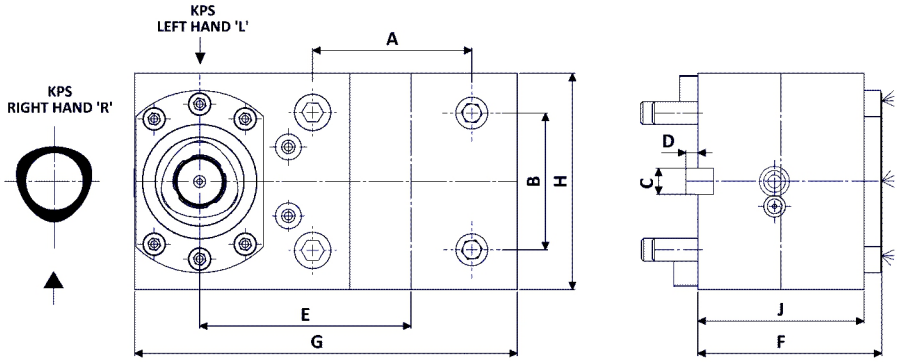
- To remove the KPS tool holder, rotate torque wrench or Allen key in anti-clockwise direction. This will automatically release the holder from the block.



NOTE: For smooth operations, clamping units require periodic service.

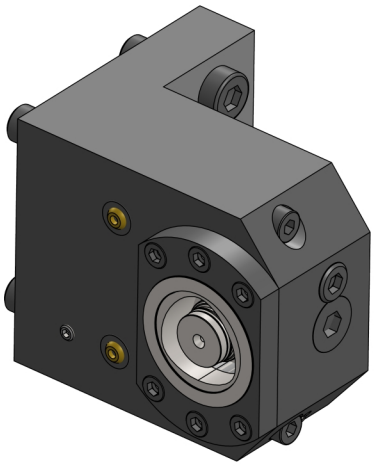
KPS (ISO 26623 - 1)
Static Axial Tool Holder (For BMT Series Turret)

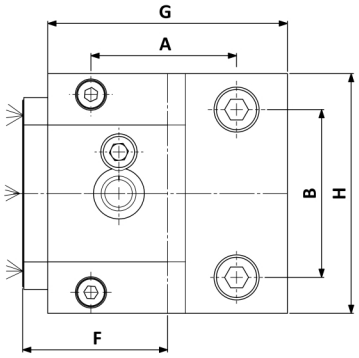


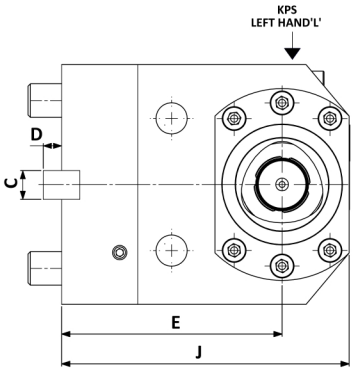


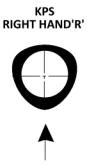
Static Axial Tool Holder (For BMT Series)											
Item Name	**Item Code**	**KPS**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**J**
B45 ATH KPS3 CH52 111L	K10108267242127	KPS32	58	58	15	5	52	58	111	75	53
B45 ATH KPS3 CH52 111R	K10108267242128	KPS32	58	58	15	5	52	58	111	75	53
B55 ATH KPS4 CH62 130L	K10109268243129	KPS40	64	64	15	5	62	65	130	86	59
B55 ATH KPS4 CH62 130R	K10109268243130	KPS40	64	64	15	5	62	65	130	86	59
B65 ATH KPS4 CH60 134L	K10110268244131	KPS40	70	73	18	5	60	70	134	96	64
B65 ATH KPS4 CH60 134R	K10110268244132	KPS40	70	73	18	5	60	70	134	96	64

KPS (ISO 26623 - 1)
Static Radial Tool Holder (For BMT Series Turret)





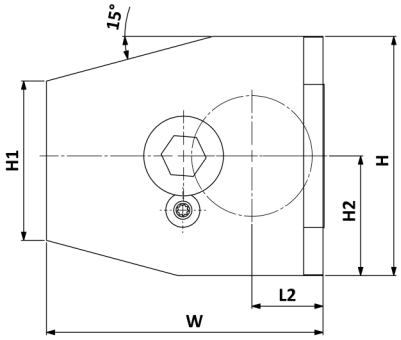


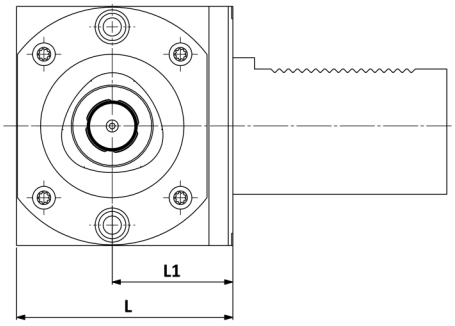


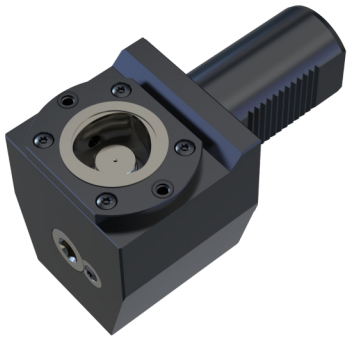
Static Radial Tool Holder (For BMT Series)

Item Name	Item Code	KPS	A	B	C	D	E	F	G	H	J
B45 RTH KPS3 CH65 080L	K10111267245133	KPS 32	58	58	15	5	65	17	80	75	84
B45 RTH KPS3 CH65 080R	K10111267245134	KPS 32	58	58	15	5	65	17	80	75	84
B55 RTH KPS4 CH70 120L	K10112268246135	KPS 40	64	64	15	5	70	82	120	86	94
B55 RTH KPS4 CH70 120R	K10112268246136	KPS 40	64	64	15	5	70	82	120	86	94
B65 RTH KPS4 CH100 120L	K10113268247135	KPS 40	70	73	18	5	100	76	120	96	124
B65 RTH KPS4 CH100 120R	K10113268247136	KPS 40	70	73	18	5	100	76	120	96	124

KPS (ISO 26623 - 1)
VDI x KPS Axial Turning Tool Holder

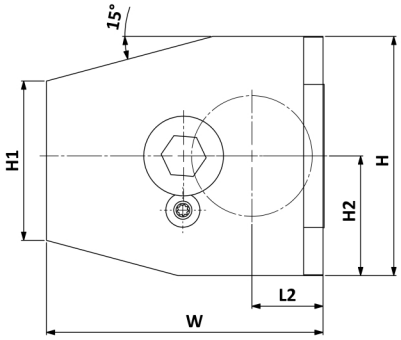


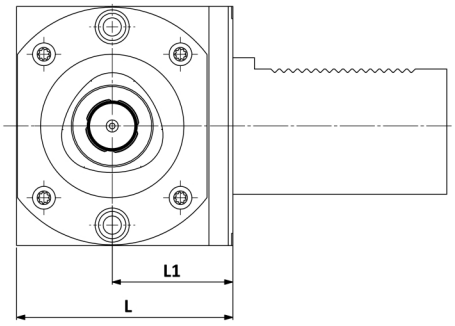


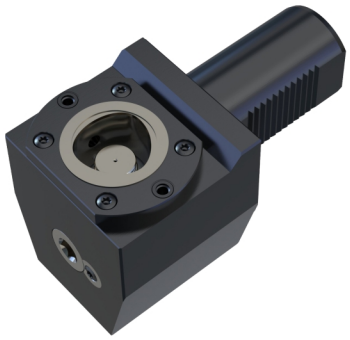


VDI x KPS Axial Turning Tool Holder										
Item Name	**Item Code**	**VDI**	**KPS**	**W**	**H**	**H1**	**H2**	**L**	**L1**	**L2**
VDI30 X KPS3 ATH 41 020L	K10114272248101	VDI 30	KPS 32	74	57	38	30	60	41	20
VDI30 X KPS3 ATH 41 020R	K10114273248101	VDI 30	KPS 32	74	57	38	30	60	41	20
VDI30 X KPS3 ATH 41 030L	K10114272249101	VDI 30	KPS 32	73	57	41	30	60	41	30
VDI30 X KPS3 ATH 41 030R	K10114273249101	VDI 30	KPS 32	73	57	41	30	60	41	30
VDI40 X KPS4 ATH 51 030L	K10115272250101	VDI 40	KPS 40	86	75	54	38	75	51	30
VDI40 X KPS4 ATH 51 030R	K10115273250101	VDI 40	KPS 40	86	75	54	38	75	51	30
VDI40 X KPS4 ATH 51 040L	K10115272251101	VDI 40	KPS 40	86	75	60	38	75	51	40
VDI40 X KPS4 ATH 51 040R	K10115273251101	VDI 40	KPS 40	86	75	60	38	75	51	40
VDI40 X KPS5 ATH 53 030L	K10116272252101	VDI 40	KPS 50	99	82	47	41	85	53	30
VDI40 X KPS5 ATH 53 030R	K10116273252101	VDI 40	KPS 50	99	82	47	41	85	53	30
VDI40 X KPS5 ATH 53 040L	K10116272253101	VDI 40	KPS 50	99	82	53	41	85	53	40
VDI40 X KPS5 ATH 53 040R	K10116273253101	VDI 40	KPS 50	99	82	53	41	85	53	40

KPS (ISO 26623 - 1)
VDI x KPS Axial Turning Tool Holder

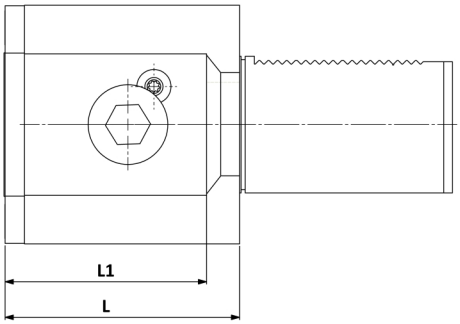


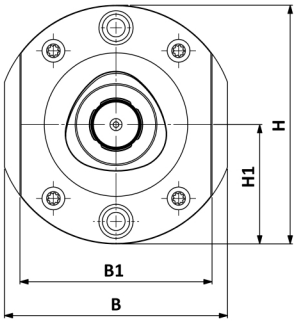




VDI x KPS Axial Turning Tool Holder										
Item Name	**Item Code**	**VDI**	**KPS**	**W**	**H**	**H1**	**H2**	**L**	**L1**	**L2**
VDI50 X KPS4 ATH 41 030L	K10117272249101	VDI 50	KPS 40	86	86	66	43	65	41	30
VDI50 X KPS4 ATH 41 030R	K10117273249101	VDI 50	KPS 40	86	86	66	43	65	41	30
VDI50 X KPS5 ATH 53 030L	K10118272252101	VDI 50	KPS 50	99	86	59	43	85	53	30
VDI50 X KPS5 ATH 53 030R	K10118273252101	VDI 50	KPS 50	99	86	59	43	85	53	30
VDI50 X KPS5 ATH 53 040L	K10118272253101	VDI 50	KPS 50	99	86	65	43	85	53	40
VDI50 X KPS5 ATH 53 040R	K10118273253101	VDI 50	KPS 50	99	86	65	43	85	53	40
VDI60 X KPS5 ATH 43 040L	K10119272254101	VDI 60	KPS 50	99	94	76	53	75	43	40
VDI60 X KPS5 ATH 43 040R	K10119273254101	VDI 60	KPS 50	99	94	76	53	75	43	40
VDI60 X KPS6 ATH 53 040L	K10120272253101	VDI 60	KPS 63	122	105	70	53	95	53	40
VDI60 X KPS6 ATH 53 040R	K10120273253101	VDI 60	KPS 63	122	105	70	53	95	53	40

KPS (ISO 26623 - 1)
VDI x KPS Radial Turning Tool Holder

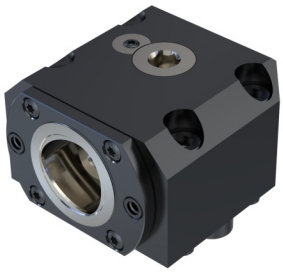


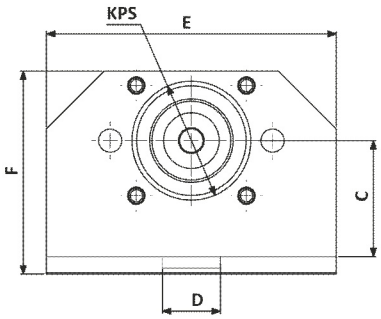


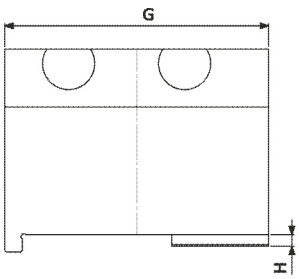


VDI x KPS Radial Turning Tool Holder									
Item Name	**Item Code**	**VDI**	**KPS**	**B**	**B1**	**H**	**H1**	**L**	**L1**
VDI30 X KPS3 RTH 060L	K10114274255101	VDI 30	KPS 32	50	38	61	34	60	44
VDI30 x KPS3 RTH 060R	K10114275255101	VDI 30	KPS 32	50	38	61	34	60	44
VDI40 X KPS4 RTH 075L	K10115274256101	VDI 40	KPS 40	75	48	75	41	75	53
VDI40 X KPS4 RTH 075R	K10115275256101	VDI 40	KPS 40	75	48	75	41	75	53
VDI50 X KPS4 RTH 065L	K10117274257101	VDI 50	KPS 40	75	64	82	41	85	72
VDI50 X KPS4 RTH 065R	K10117275257101	VDI 50	KPS 40	75	64	82	41	85	72
VDI40 X KPS5 RTH 085L	K10116274258101	VDI 40	KPS 50	70	48	83	49	65	39
VDI40 X KPS5 RTH 085R	K10116275258101	VDI 40	KPS 50	70	48	83	49	65	39
VDI50 X KPS5 RTH 085L	K10118274258101	VDI 50	KPS 50	83	64	91	49	85	62
VDI50 X KPS5 RTH 085R	K10118275258101	VDI 50	KPS 50	83	64	91	49	85	62
VDI60 X KPS5 RTH 075L	K10119274256101	VDI 60	KPS 50	80	64	100	58	75	56
VDI60 X KPS5 RTH 075R	K10119275256101	VDI 60	KPS 50	80	64	100	58	75	56
VDI60 X KPS6 RTH 095L	K10120274259101	VDI 60	KPS 63	84	84	111	58	95	50
VDI60 X KPS6 RTH 095R	K10120275259101	VDI 60	KPS 63	84	84	111	58	95	50

KPS (ISO 26623 - 1)
KPS Radial Block (Through Coolant)

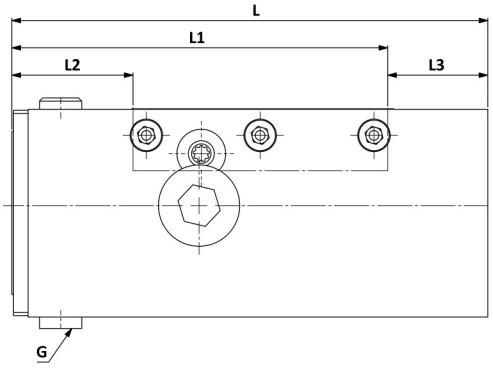


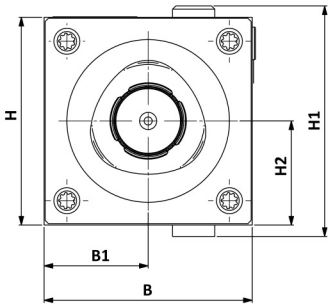


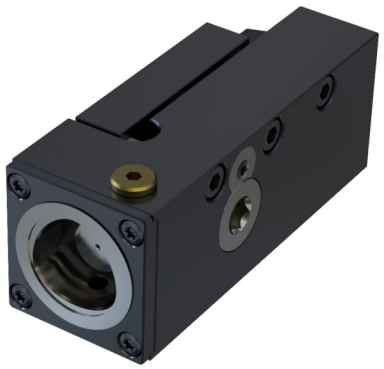


KPS Radial Block (Through Coolant)								
Item Name	**Item Code**	**KPS**	**A**	**D**	**E**	**F**	**G**	**H**
TD25 ATH KPS4 CH40 91L	K10135160130797	KPS 40	25	25	92	74	91	5
TD25 ATH KPS4 CH40 91R	K10135187130797	KPS 40	25	25	92	74	91	5
TD32 ATH KPS4 CH40 95L	K10135160143797	KPS 40	32	25	114	90	95	5
TD32 ATH KPS4 CH40 95R	K10135187143797	KPS 40	32	25	114	90	95	5
TD40 ATH KPS4 CH35 95L	K10135160102798	KPS 40	40	25	142	75	95	5
TD40 ATH KPS4 CH35 95R	K10135187102797	KPS 40	40	25	142	75	95	5

KPS (ISO 26623 - 1)
Horizontal Lathe Block (Axial)

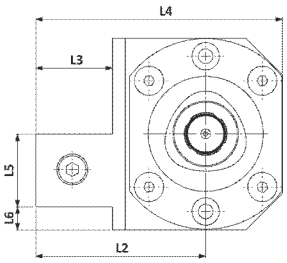


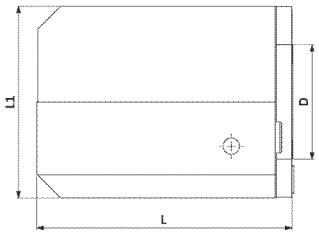


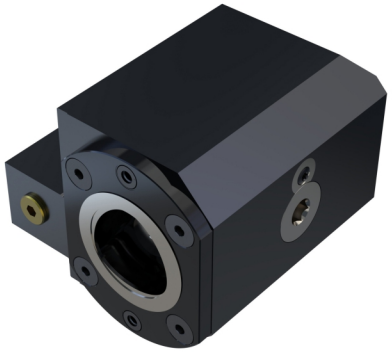


Horizontal Lathe Block (Axial)											
Item Name	**Item Code**	**KPS**	**B**	**B1**	**H1**	**H2**	**L**	**L1**	**L2**	**L3**	**G**
KPS3 THB 40038 AXL	K10107276260137	KPS 32	38	19	62	20	95	78.5	25	16.5	G1/8
KPS3 THB 40038 AXR	K10107276260138	KPS 32	38	19	62	20	95	78.5	25	16.5	G1/8
KPS4 THB 50048 AXL	K10101276261137	KPS 40	48	24	54	25	125	101	30.5	24	G1/8
KPS4 THB 50048 AXR	K10101276261138	KPS 40	48	24	54	25	125	101	30.5	24	G1/8
KPS5 THB 64064 AXL	K10102276262137	KPS 50	64	27	68	32	145	118	36	27	G1/8
KPS5 THB 64064 AXR	K10102276262138	KPS 50	64	27	68	32	145	118	36	27	G1/8

KPS (ISO 26623 - 1)
KPS Square Shank Holder For BTP/HTP Series

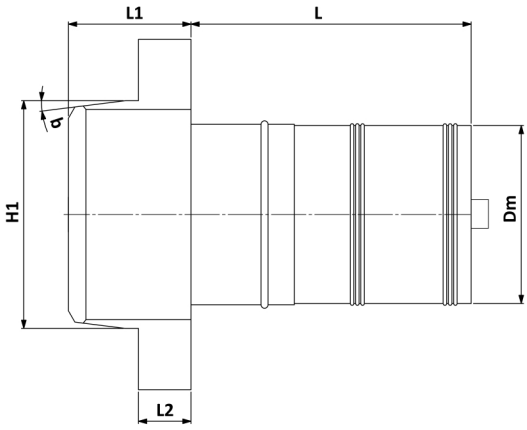


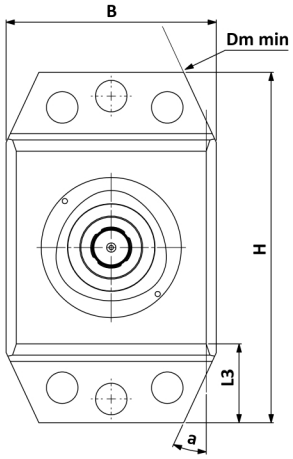


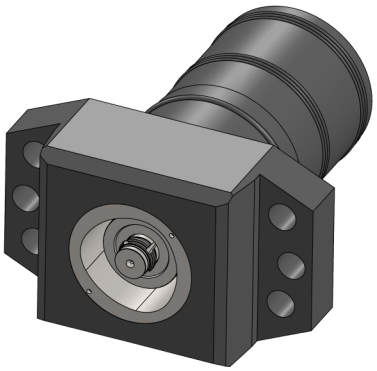


KPS Square Shank Holder For BTP/HTP Series										
Item Name	**Item Code**	**KPS**	**D**	**L**	**L1**	**L2**	**L3**	**L4**	**L5**	**L6**
KPS4 STHB 59 110 INT L	K10101277263139	KPS 40	40	110	77	59	26	83	25	13
KPS4 STHB 59 110 INT R	K10101277263140	KPS 40	40	110	77	59	26	83	25	13
KPS5 STHB 77 110 INT L	K10102277264139	KPS 50	50	110	92	77	33	109	32	14
KPS5 STHB 77 110 INT R	K10102277264140	KPS 50	50	110	92	77	33	109	32	14
KPS6 STHB 93 140 INT L	K10103277265139	KPS 63	63	140	105	93	40	135	40	13
KPS6 STHB 93 140 INT R	K10103277265140	KPS 63	63	140	105	93	40	135	40	13

KPS (ISO 26623 - 1)
Hydraulic Actuated Block - High Pressure

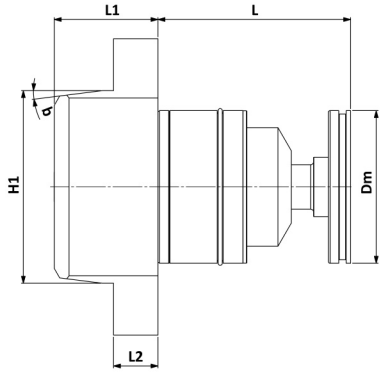


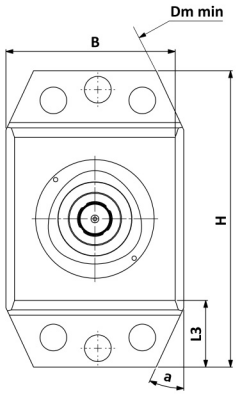


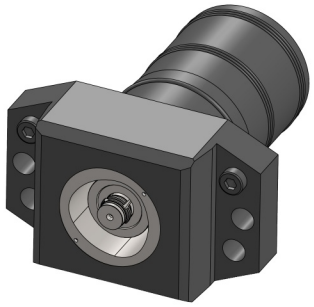


Hydraulic Actuated Block - High Pressure													
Item Name	Item Code	KPS	Dm	Dm min	L	L1	L2	L3	B	H	H1	a	b
KPS4 THHB 056025 HPC	K10101278268142	KPS 40	42	260	74	25	10	22	48	91	56	15°	11°
KPS5 THHB 070035 HPC	K10102278269142	KPS 50	55	300	88	65	12	30	64	112	70	16°	10°
KPS6 THHB 090040 HPC	K10103278266142	KPS 63	70	400	105	40	16	45	84	143	90	15°	10°
KPS8 THHB 110050 HPC	K10104278267142	KPS 80	90	500	120	50	18	59	100	180	110	15°	10°

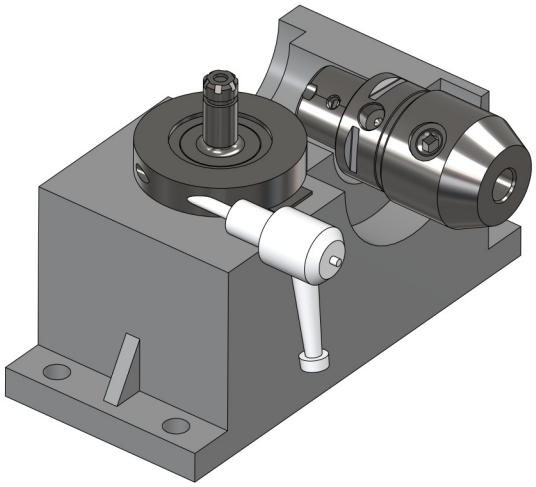
KPS (ISO 26623 - 1)
Hydraulic Actuated Block - Low Pressure





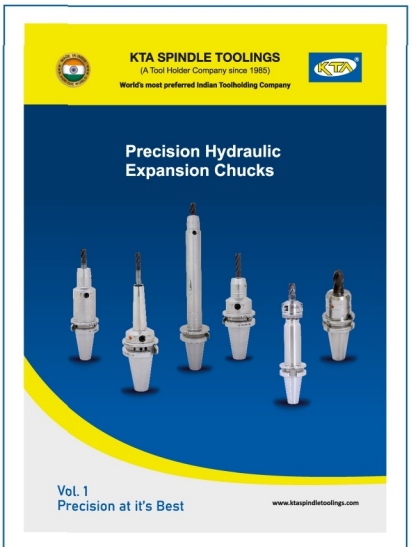


Hydraulic Actuated Block - Low Pressure													
Item Name	**Item Code**	**KPS**	**Dm**	**Dm min**	**L**	**L1**	**L2**	**L3**	**B**	**H**	**H1**	**a**	**b**
KPS6 THHB 090040 LPC	K10103278266141	KPS 63	70	400	92	40	16	45	84	143	90	15°	10°
KPS8 THHB 110050 LPC	K10104278267141	KPS 80	90	500	107	50	18	59	100	180	110	15°	10°

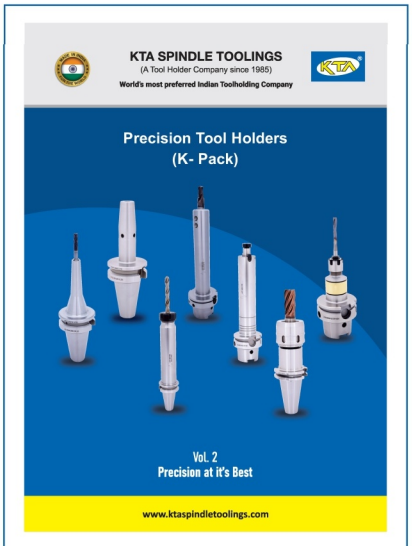


Tool Boy		
Item Name	**Item Code**	**KPS**
Toolboy KPS3	K10292190877796	KPS 32
Toolboy KPS4	K10292160877796	KPS 40
Toolboy KPS5	K10292187877796	KPS 50
Toolboy KPS6	K10292188877796	KPS 63
Toolboy KPS8	K10292189877796	KPS 80

KTA Products Catalogues



Volume 1



Volume 2



Volume 3



Volume 4

Scan QR for KTA Catalogues



KTA COMPANY PROFILE



KTA SPINDLE TOOLINGS is one of Largest Manufacturer of Complete Tool holding Systems founded in 1985 by Mr. Vijay Z. Chopda, who has striven to create "Precision at its Best" products using World's latest technology upgradation available from time to time. 1st Indian Tool holding Company to have its subsidiary "HPCHO GmbH" in Nesselwang, GERMANY, established in 2013. Now KTA SPINDLE TOOLINGS is 1st Company based in India who is equipped with Complete Tool holding Systems (Hydraulic, Shrinking, Tapping Holder, Mechanical, accessories). KTA Spindle Toolings is considered as a precision manufacturer of Toolholders having more than 4700 catalogue products with most of them ex-stock at Pune, India and Nesselwang, Germany.

KTA is leading private label supplier of Tool holding systems to many OEM in Europe and India along with leading catalogue house. KTA has complete program of Tool holding and accessories comprises of more than 4700 products. KTA has its presence in more than 22 countries with highest business share from ● Germany ● U.S.A ● United Kingdom ● Taiwan ● Australia ● Mexico ● France ● Italy ● Korea ● Singapore ● Malaysia ● Canada ● Brazil ● Netherlands ● Hungary ● Spain and others. Customers belongs to different industries such as Automotive, General Engineering, Die & Mould, Aerospace, Power Generation. Today the company is moving ahead to become a leading global player in Tool holding Industry under dynamic leadership of Mr. Vipul V. Chopda.

KTA SPINDLE TOOLINGS LLP

(A Tool Holder Company Since 1985)

Plot No: 246/9, Hinjawadi Phase – II Road,
Tal. Mulshi, Dist. Pune – 411 057 (Maharashtra) India.

Email
sales@ktaspindletoolings.com | marketing@ktaspindletoolings.com

For Sales Enquiry
+91 98817 47423 | +91 93077 23930

QR Code to Check Stock & Send Enquiry

QR Code for Catalogue / Flyer