



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)





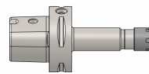
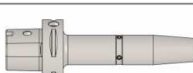
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Polygonal Shank Tool Holders (KPS) (ISO 26623-1)

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

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Declaration



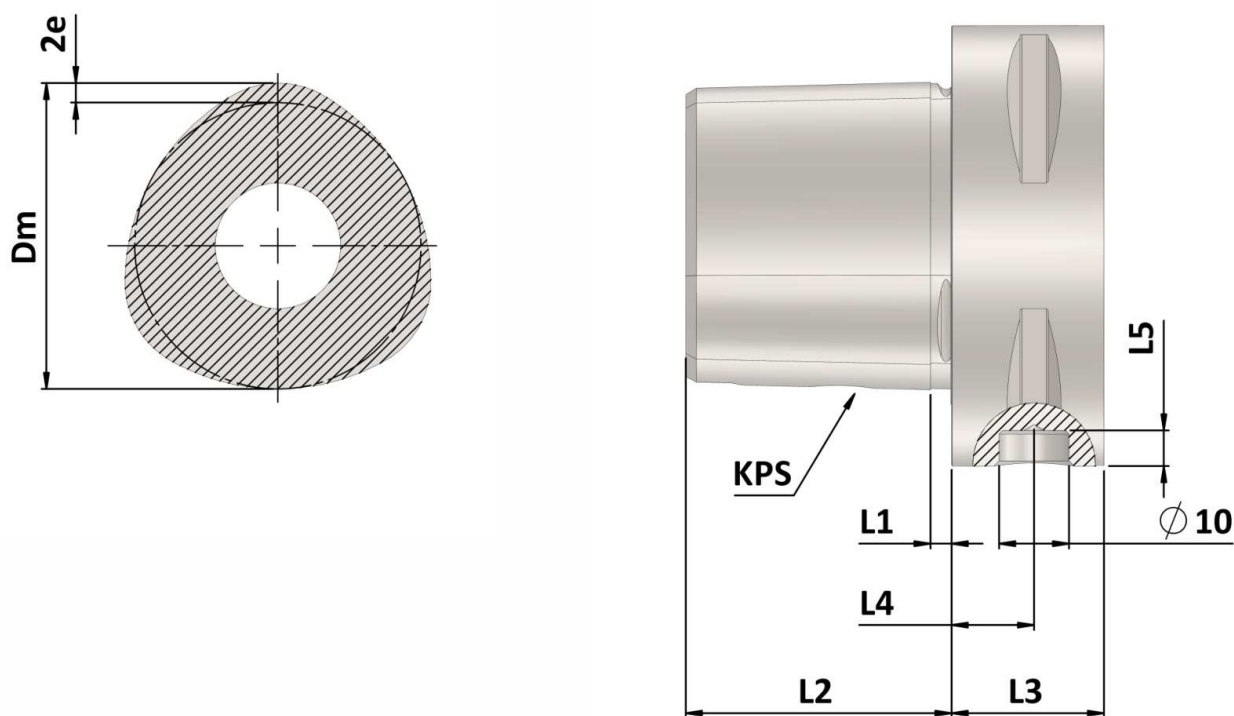
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Proprietor

KTA Spindle Toolings
Hinjawadi, Pune (INDIA)

Technical Information



KPS TOOLHOLDER (ISO 26623-1) : Technical Information

KPS	Dm	e	L1	L2	L3	L4	L5
32	22	0.70	2.5	19	15	9	5.4
40	28	0.90	2.5	24	20	12	5.2
50	35	1.12	3.0	30	20	12	5.1
63	44	1.40	3.0	38	22	12	5.0
80	55	2.00	3.0	48	30	12	4.9
100	72	2.80	3.0	60	36	16	4.9

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

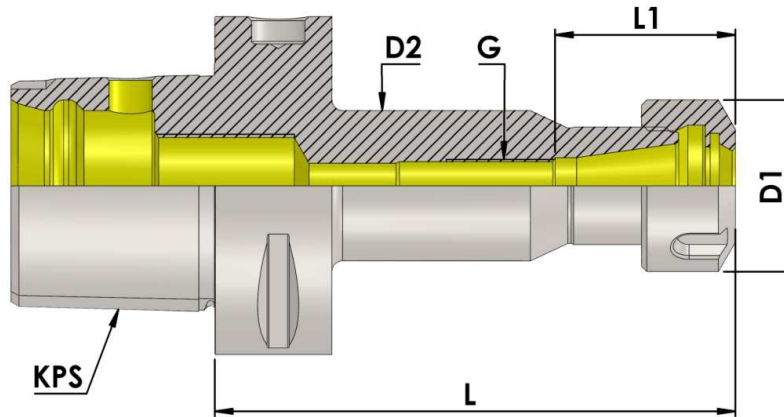
Surface Roughness of cone max. Ra 0.3 µm

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



Collet Chuck ER (DIN-6499)

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



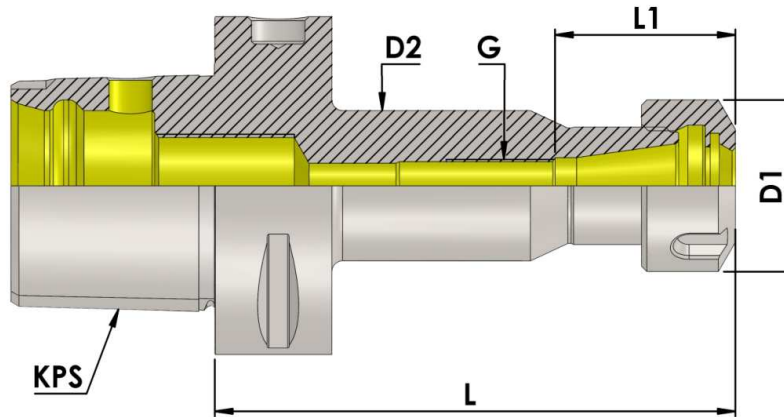
KPS (ISO 26623-1) Collet Chuck ER										(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D1	D2	G	L	L1	Nut	Spanner
KP3 ER 16 045	K10421273272226	KPS 32	ER16	0.5-10	32	28	M10 x 1	45	32	UM/ER16	E16
KP4 ER 16 060	K10422273272226	KPS 40	ER16	0.5-10	32	28	M10 x 1	60	32	UM/ER16	E16
KP4 ER 20 060	K10422273273226	KPS 40	ER20	1-13	35	33	M10 x 1	60	38	UM/ER20	E20
KP4 ER 25 060	K10422273274226	KPS 40	ER25	1.0-16	42	40	M18 x 1	60	42	UM/ER25	E25
KP4 ER 32 060	K10422273275226	KPS 40	ER32	2.0-20	50	48	M22 x 1.5	60	48	UM/ER32	E32
KP5 ER 16 060	K10423273272226	KPS 50	ER16	0.5-10	32	28	M10 x 1	60	32	UM/ER16	E16
KP5 ER 16 100	K10423149148127	KPS 50	ER16	0.5-10	32	28	M10 x 1	100	32	UM/ER16	E16
KP5 ER 20 060	K10423150952127	KPS 50	ER20	1-13	35	33	M10 x 1	60	38	UM/ER20	E20
KP5 ER 20 100	K10423150148127	KPS 50	ER20	1-13	35	33	M10 x 1	100	38	UM/ER20	E20
KP5 ER 25 060	K10423151952127	KPS 50	ER25	1.0-16	42	40	M18 x 1	60	42	UM/ER25	E25
KP5 ER 25 100	K10423151148127	KPS 50	ER25	1.0-16	42	40	M18 x 1	100	42	UM/ER25	E25
KP5 ER 32 060	K10423152952127	KPS 50	ER32	2.0-20	50	48	M22 x 1.5	60	48	UM/ER32	E32
KP5 ER 32 100	K10423152148127	KPS 50	ER32	2.0-20	50	48	M22 x 1.5	100	48	UM/ER32	E32
KP5 ER 40 065	K10423153123127	KPS 50	ER40	3.0-26	63	-	M30 x 1.5	65	55	UM/ER40	E40
KP5 ER 40 100	K10423153148127	KPS 50	ER40	3.0-26	63	-	M30 x 1.5	100	55	UM/ER40	E40

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



Collet Chuck ER (DIN-6499)

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



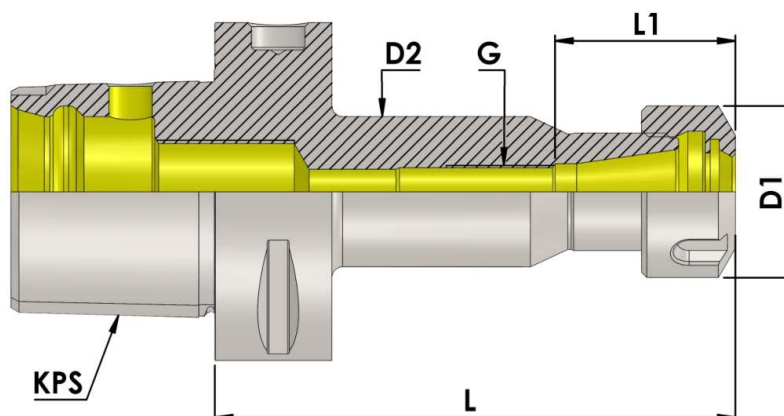
KPS (ISO 26623-1) Collet Chuck ER										(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D1	D2	G	L	L1	Nut	Spanner
KP6 ER 16 060	K10419149952283	KPS 63	ER16	0.5-10	32	28	M10 x 1	60	32	UM/ER16	E16
KP6 ER 16 100	K10419149148283	KPS 63	ER16	0.5-10	32	28	M10 x 1	100	32	UM/ER16	E16
KP6 ER 16 130	K10419149165283	KPS 63	ER16	0.5-10	32	28	M10 x 1	130	32	UM/ER16	E16
KP6 ER 20 060	K10419150667283	KPS 63	ER20	1-13	35	33	M10 x 1	60	38	UM/ER20	E20
KP6 ER 20 100	K10419150148227	KPS 63	ER20	1-13	35	33	M10 x 1	100	38	UM/ER20	E20
KP6 ER 20 130	K10419150165127	KPS 63	ER20	1-13	35	33	M10 x 1	130	38	UM/ER20	E20
KP6 ER 25 060	K10419635952283	KPS 63	ER25	1.0-16	42	40	M18 x 1	60	42	UM/ER25	E25
KP6 ER 25 100	K10419635148227	KPS 63	ER25	1.0-16	42	40	M18 x 1	100	42	UM/ER25	E25
KP6 ER 25 130	K10419635165283	KPS 63	ER25	1.0-16	42	40	M18 x 1	130	42	UM/ER25	E25
KP6 ER 32 060	K10419152667283	KPS 63	ER32	2.0-20	50	48	M22 x 1.5	60	48	UM/ER32	E32
KP6 ER 32 100	K10419152148283	KPS 63	ER32	2.0-20	50	48	M22 x 1.5	100	48	UM/ER32	E32
KP6 ER 32 130	K10419152165283	KPS 63	ER32	2.0-20	50	48	M22 x 1.5	130	48	UM/ER32	E32
KP6 ER 40 070	K10419153123283	KPS 63	ER40	3.0-26	63	-	M30 x 1.5	70	55	UM/ER40	E40
KP6 ER 40 100	K10419153148283	KPS 63	ER40	3.0-26	63	-	M30 x 1.5	100	55	UM/ER40	E40
KP6 ER 40 130	K10419153165283	KPS 63	ER40	3.0-26	63	-	M30 x 1.5	130	55	UM/ER40	E40
KP8 ER 32 070	K10425152125127	KPS 80	ER32	2.0-20	50	48	M22 x 1.5	70	48	UM/ER32	E32
KP8 ER 32 160	K10425152175127	KPS 80	ER32	2.0-20	50	48	M22 x 1.5	160	48	UM/ER32	E32
KP8 ER 40 070	K10425153125127	KPS 80	ER40	3.0-26	63	-	M30 x 1.5	70	55	UM/ER40	E40
KP8 ER 40 160	K10425153148127	KPS 80	ER40	3.0-26	63	-	M30 x 1.5	160	55	UM/ER40	E40

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



Collet Chuck ER (DIN-6499)

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



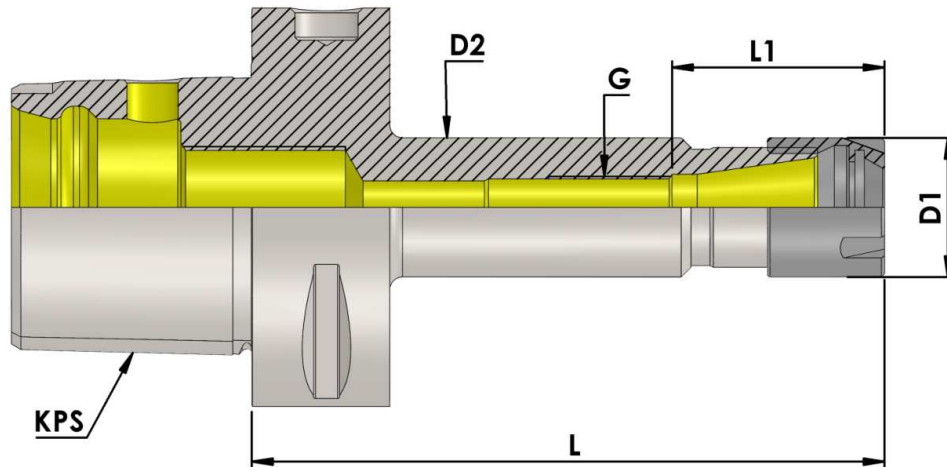
KPS (ISO 26623-1) Collet Chuck ER										(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D1	D2	G	L	L1	Nut	Spanner
KP10 ER 32 100	K10424152148127	KPS 100	ER 32	2.0-20	50	48	M22 x 1.5	100	48	UM/ER32	E32
KP10 ER 32 160	K10424152175127	KPS 100	ER32	2.0-20	50	48	M22 x 1.5	160	48	UM/ER32	E32
KP10 ER 40 100	K10424153148127	KPS 100	ER40	3.0-26	63	-	M30 x 1.5	100	55	UM/ER40	E40
KP10 ER 40 160	K10424153175127	KPS 100	ER40	3.0-26	63	-	M30 x 1.5	160	55	UM/ER40	E40
KP10 ER 50 100	K10424154148127	KPS 100	ER50	10.0-34	78	-	M16 x 2	100	68	UM/ER50	E50
KP10 ER 50 160	K10424154175127	KPS 100	ER50	10.0-34	78	-	M16 x 2	160	68	UM/ER50	E50

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



Collet Chuck ER - M (DIN-6499)

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



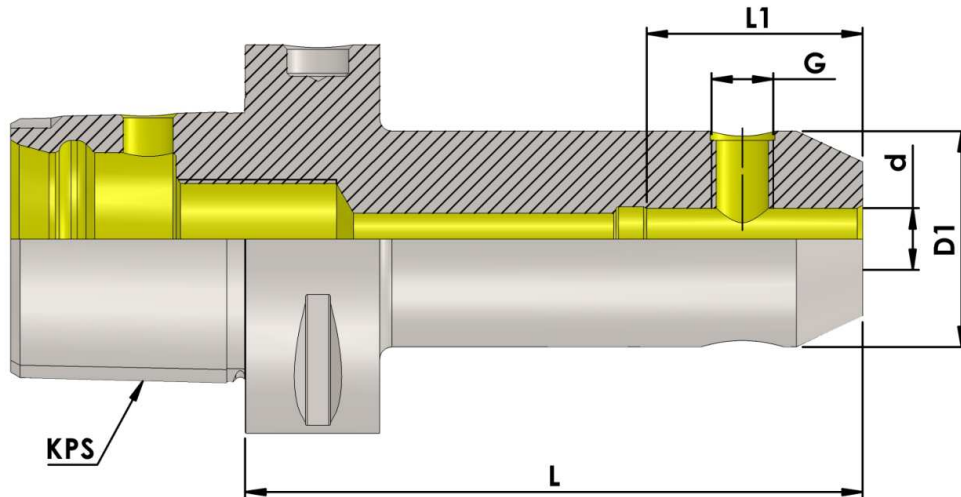
KPS (ISO 26623-1) Collet Chuck ER - M TYPE										(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	Suitable Collet	Collet Capacity	D1	D2	G	L	L1	Nut	Spanner
KP5 ER16M 100	K10419157148127	KPS 50	ER16	0.5-10	22	22	M10 x 1	100	32	ER16M	E16M
KP6 ER16M 100	K10419157148283	KPS 63	ER16	0.5-10	22	22	M10 x 1	100	32	ER16M	E16M
KP6 ER16M 130	K10419157165283	KPS 63	ER16	0.5-10	22	22	M10 x 1	130	32	ER16M	E16M
KP6 ER16M 160	K10419157175127	KPS 63	ER16	0.5-10	22	22	M10 x 1	160	32	ER16M	E16M

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



WE (DIN 1835 B)

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



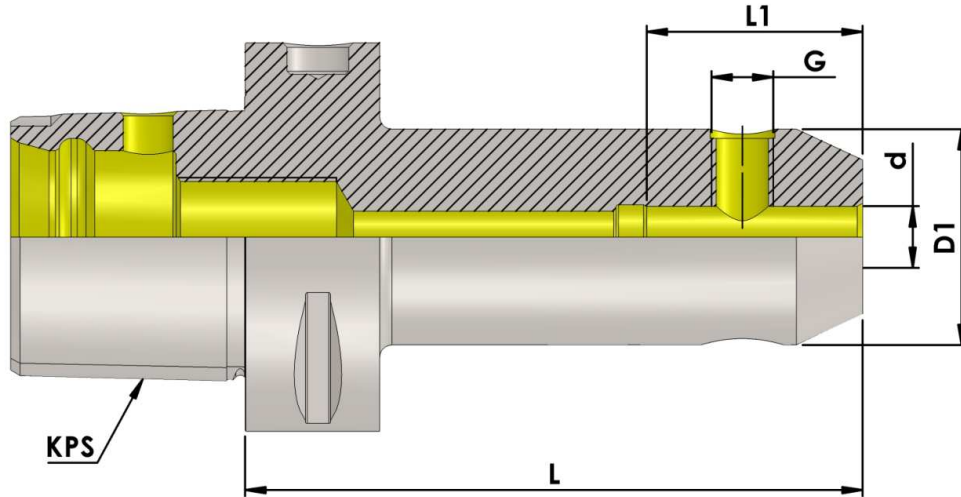
KPS (ISO 26623-1) (WE)					(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	d	D1	G	L	L1	Screw Qty
KP3 WE06 046	K10421669369127	KPS 32	6	25	M6	46	34	1
KP3 WE08 046	K10421670369127	KPS 32	8	28	M8	46	34	1
KP3 WE10 050	K10421674960127	KPS 32	10	35	M10	50	40	1
KP3 WE12 055	K10421672142127	KPS 32	12	42	M12	55	46	1
KP4 WE06 050	K10422669960127	KPS 40	6	25	M6	50	34	1
KP4 WE08 050	K10422670960127	KPS 40	8	28	M8	50	34	1
KP4 WE10 050	K10422674960127	KPS 40	10	35	M10	50	40	1
KP4 WE12 055	K10422672142127	KPS 40	12	42	M12	55	46	1
KP4 WE16 055	K10422675142127	KPS 40	16	48	M14	55	48	1
KP5 WE06 055	K10423669142127	KPS 50	6	25	M6	55	34	1
KP5 WE08 055	K10423670142127	KPS 50	8	28	M8	55	34	1
KP5 WE10 065	K10423674123127	KPS 50	10	35	M10	65	40	1
KP5 WE12 065	K10423672123127	KPS 50	12	42	M12	65	46	1
KP5 WE14 065	K10423675123127	KPS 50	14	44	M12	65	46	1
KP5 WE16 065	K10423677123127	KPS 50	16	48	M14	65	48	1
KP5 WE18 065	K10423676123127	KPS 50	18	50	M14	65	48	1
KP5 WE20 065	K10423633123127	KPS 50	20	52	M16	65	52	1
KP5 WE25 080	K10423673123127	KPS 50	25	65	M18 x 2	80	56	2

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



WE (DIN 1835 B)

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



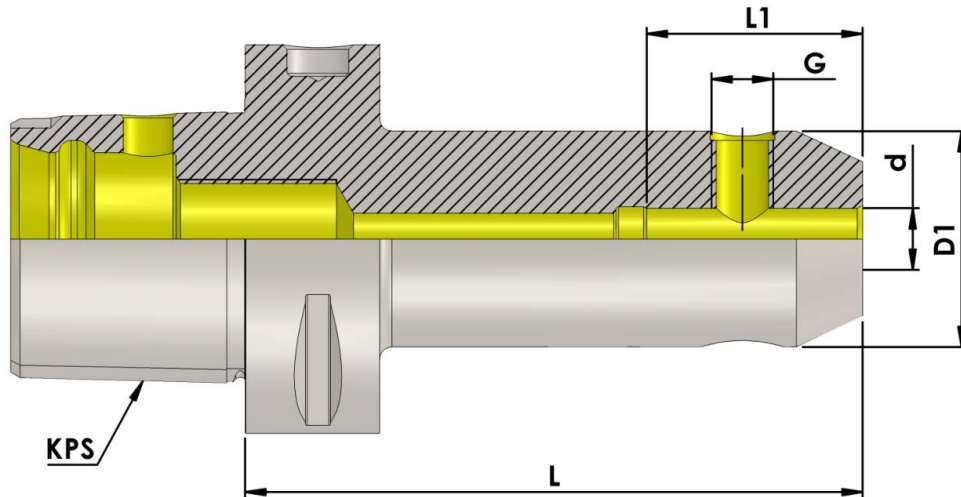
KPS (ISO 26623-1) (WE)							(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	d	D1	G	L	L1	Screw Qty
KP6 WE06 055	K10419669142283	KPS 63	6	25	M6	55	34	1
KP6 WE06 100	K10419669148283	KPS 63	6	25	M6	100	34	1
KP6 WE08 055	K10419670142283	KPS 63	8	28	M8	55	34	1
KP6 WE08 100	K10419670148283	KPS 63	8	28	M8	100	34	1
KP6 WE10 060	K10419674952283	KPS 63	10	35	M10	60	40	1
KP6 WE10 100	K10419674148283	KPS 63	10	35	M10	100	40	1
KP6 WE12 060	K10419672952283	KPS 63	12	42	M12	60	46	1
KP6 WE12 100	K10419672148283	KPS 63	12	42	M12	100	46	1
KP6 WE14 060	K10419675952283	KPS 63	14	44	M12	60	46	1
KP6 WE14 100	K10419675148283	KPS 63	14	44	M12	100	46	1
KP6 WE16 065	K10419632123283	KPS 63	16	48	M14	65	48	1
KP6 WE16 100	K10419632148283	KPS 63	16	48	M14	100	48	1
KP6 WE18 065	K10419676123283	KPS 63	18	50	M14	65	48	1
KP6 WE18 100	K10419676148283	KPS 63	18	50	M14	100	48	1
KP6 WE20 065	K10419633123283	KPS 63	20	52	M16	65	52	1
KP6 WE20 100	K10419633148283	KPS 63	20	52	M16	100	52	1
KP6 WE25 080	K10419673131283	KPS 63	25	65	M18 x 2	80	56	2
KP6 WE25 100	K10419673148283	KPS 63	25	65	M18 x 2	100	56	2
KP6 WE32 090	K10419677140283	KPS 63	32	72	M20 x 2	90	60	2
KP6 WE32 100	K10419677148283	KPS 63	32	72	M20 x 2	100	60	2
KP6 WE40 100	K10419678148283	KPS 63	40	80	M20 x 2	100	70	2

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



WE (DIN 1835 B)

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



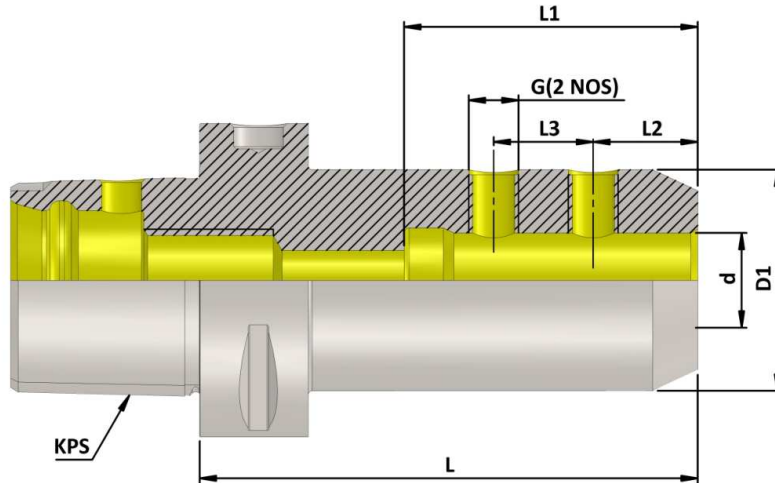
KPS (ISO 26623-1) (WE)					(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	d	D1	G	L	L1	Screw Qty
KP8 WE06 070	K10425669125127	KPS 80	6	25	M6	70	34	1
KP8 WE08 070	K10425670125127	KPS 80	8	28	M8	70	34	1
KP8 WE10 070	K10425674125127	KPS 80	10	35	M10	70	40	1
KP8 WE12 070	K10425672125127	KPS 80	12	42	M12	70	46	1
KP8 WE14 070	K10425675125127	KPS 80	14	44	M12	70	46	1
KP8 WE16 070	K10425246125127	KPS 80	16	48	M14	70	48	1
KP8 WE18 070	K10425676125127	KPS 80	18	50	M14	70	48	1
KP8 WE20 070	K10425633125127	KPS 80	20	52	M16	70	52	1
KP8 WE25 080	K10425673125127	KPS 80	25	65	M18 x 2	80	56	2
KP8 WE32 080	K10425677131127	KPS 80	32	72	M20 x 2	80	60	2
KP8 WE40 110	K10425678156127	KPS 80	40	80	M20 x 2	110	70	2
KP8 WE50 120	K10425679162127	KPS 80	50	100	M24 x 2	120	80	2
KP10 WE 12 100	K10424672148127	KPS 100	12	42	M12	100	46	1
KP10 WE16 100	K10424246148127	KPS 100	16	48	M14	100	48	1
KP10 WE20 100	K10424633148127	KPS 100	20	52	M16	100	52	1
KP10 WE25 100	K10424673148127	KPS 100	25	65	M18 x 2	100	56	2
KP10 WE32 100	K10424677148127	KPS 100	32	72	M20 x 2	100	60	2
KP10 WE40 120	K10424678162127	KPS 100	40	80	M20 x 2	120	70	2
KP10 WE50 120	K10424679148127	KPS 100	50	100	M24 x 2	120	80	2

KPS (ISO 26623-1) Side Lock Adaptor (SLA) Series: E1 For Through Coolant "U" drills with Indexable Inserts



SLA - E1

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



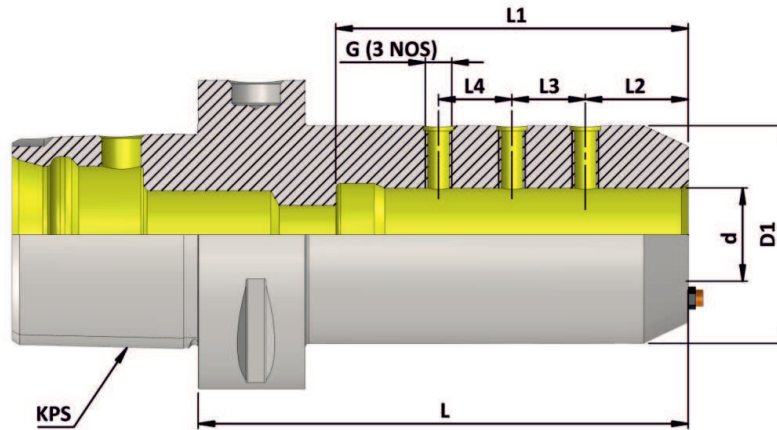
KPS (ISO 26623-1) (SLA) E1			(Balanced to 6.3G 20000 RPM)						
Item Name	Item Code	KPS	d	D1	G	L	L1	L2	L3
KP3 SLA16 056	K10421105142127	KPS 32	16	36	M8	56	52	14.8	20.4
KP3 SLA20 060	K10421106952127	KPS 32	20	40	M8	60	54	14.8	22.4
KP4 SLA16 056	K10422105142127	KPS 40	16	36	M8	56	52	14.8	20.4
KP4 SLA20 060	K10422106952127	KPS 40	20	40	M8	60	54	14.8	22.4
KP4 SLA25 077	K10422107129127	KPS 40	25	45	M12	77	59	16.8	24.4
KP5 SLA16 065	K10423105123127	KPS 50	16	36	M10	65	52	14	18
KP5 SLA20 060	K10423106952127	KPS 50	20	40	M10	60	54	14	18
KP5 SLA25 071	K10423107125127	KPS 50	25	45	M12	71	59	14	26
KP5 SLA32 075	K10423108127127	KPS 50	32	52	M12	75	63	14	30
KP6 SLA16 070	K10419105135283	KPS 63	16	36	M10	70	52	14	18
KP6 SLA20 070	K10419106135283	KPS 63	20	40	M10	70	54	14	18
KP6 SLA25 072	K10419107148283	KPS 63	25	45	M12	72	59	14	26
KP6 SLA32 075	K10419108127127	KPS 63	32	52	M12	75	63	14	30
KP6 SLA40 085	K10419109135127	KPS 63	40	63	M16	85	73	16	36
KP8 SLA16 080	K10425105131127	KPS 80	16	36	M10	80	52	14	18
KP8 SLA20 080	K10425106131127	KPS 80	20	40	M10	80	54	14	18
KP8 SLA25 085	K10425107135127	KPS 80	25	45	M12	85	59	14	26
KP8 SLA32 090	K10425108140127	KPS 80	32	52	M12	90	63	14	30
KP8 SLA40 095	K10425109145127	KPS 80	40	63	M16	95	73	16	36

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



SLA - E2

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



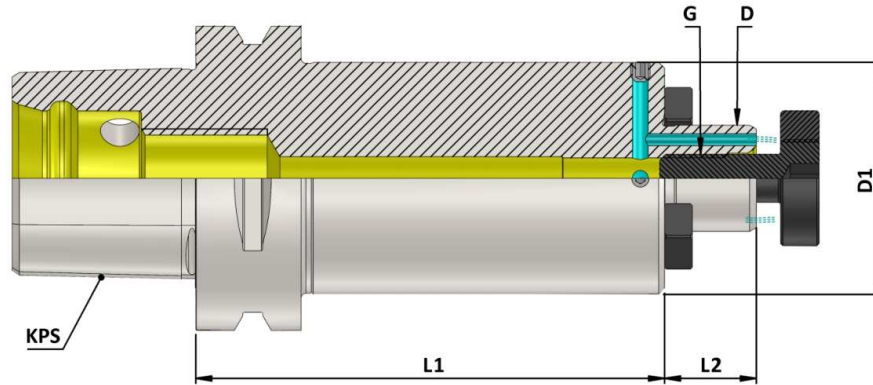
KPS (ISO 26623-1) (SLA) E2							(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	d	D1	G	L	L1	L2	L3	L4
KP5 SLA 25 100	K10423107148127	KPS 50	25	63	M12	100	80	14	26	26
KP6 SLA 25 100	K10419107148127	KPS 63	25	63	M12	100	80	14	26	26
KP6 SLA 32 105	K10419108159283	KPS 63	32	67	M12	105	90	14	30	30
KP6 SLA 40 110	K10419108156127	KPS 63	40	77	M16	110	95	16	36	36
KP8 SLA 25 100	K10425107148127	KPS 80	25	63	M12	100	80	14	26	26
KP8 SLA 32 105	K10425108152127	KPS 80	32	67	M12	105	90	14	30	30
KP8 SLA 40 110	K10425109156127	KPS 80	40	77	M16	110	95	16	36	36

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



FMH-K (DIN 6357)

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



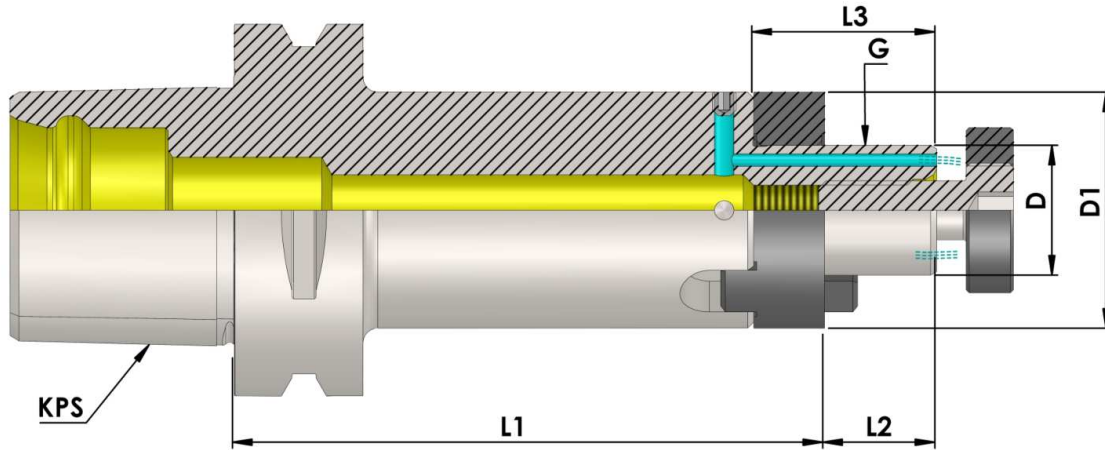
KPS (ISO 26623-1) (FMH-K)			(Balanced to 6.3G 20000 RPM)				
Item Name	Item Code	KPS	D	D1	L1	L2	G
KP3 FMH-K 16 030 SP.S	K10421131254127	KPS 32	16	38	30	17	M8
KP4 FMH-K 16 035 SP.S	K10422131124127	KPS 40	16	38	35	17	M8
KP4 FMH-K 22 040 SP.S	K10422132541127	KPS 40	22	48	40	19	M10
KP5 FMH-K 16 035 SP.S	K10423131124127	KPS 50	16	38	35	17	M8
KP5 FMH-K 16 070 SP.S	K10423131125127	KPS 50	16	38	70	17	M8
KP5 FMH-K 22 040 SP.S	K10423132541127	KPS 50	22	48	40	19	M10
KP5 FMH-K 22 070 SP.S	K10423132125127	KPS 50	22	48	70	19	M10
KP5 FMH-K 27 040 SP.S	K10423133541127	KPS 50	27	58	40	21	M12
KP6 FMH-K16 035 SP.S	K10419131124239	KPS 63	16	38	35	17	M8
KP6 FMH-K16 100 SP.S	K10419131148239	KPS 63	16	38	100	17	M8
KP6 FMH-K22 040 SP.S	K10419132541239	KPS 63	22	48	40	19	M10
KP6 FMH-K22 100 SP.S	K10419132148239	KPS 63	22	48	100	19	M10
KP6 FMH-K27 040 SP.S	K10419133541283	KPS 63	27	58	40	21	M12
KP6 FMH-K27 100 SP.S	K10419133148239	KPS 63	27	58	100	21	M12
KP6 FMH-K32 040 SP.S	K10419134541239	KPS 63	32	78	40	24	M16
KP8 FMH-K27 050 SP.S	K10425133960127	KPS 80	27	58	50	21	M12
KP8 FMH-K27 100 SP.S	K10425133148127	KPS 80	27	58	100	21	M12
KP8 FMH-K32 050 SP.S	K10425134960127	KPS 80	32	78	50	24	M16
KP8 FMH-K32 100 SP.S	K10425134148127	KPS 80	32	78	100	24	M16
KP8 FMH-K40 055 SP.S	K10425576142127	KPS 80	40	88	55	27	M20
KP10 FMH-K22 100 SP.S	K10424132148127	KPS 100	22	48	100	19	M10
KP10 FMH-K27 100 SP.S	K10424133148127	KPS 100	27	58	100	21	M12
KP10 FMH-K32 100 SP.S	K10424134148127	KPS 100	32	78	100	24	M16
KP10 FMH-K40 100 SP.S	K10424576148127	KPS 100	40	88	100	27	M20

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



CSMA-K (DIN 6358)

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



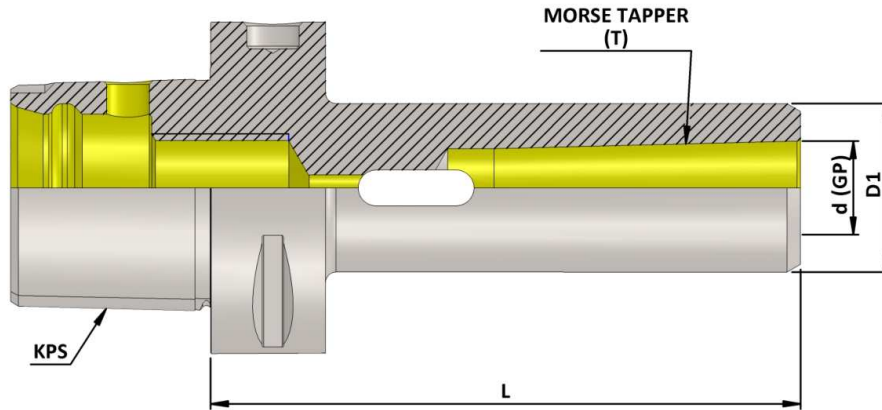
KPS (ISO 26623-1) (CSMA-K)			(Balanced to 6.3G 20000 RPM)					
Item Name	Item Code	KPS	D	D1	L1	L2	L3	G
KP3 CSMA-K16 045 SP.S	K10421121369127	KPS 32	16	32	45	17	27	M8
KP4 CSMA-K16 045 SP.S	K10422121369127	KPS 40	16	32	45	17	27	M8
KP4 CSMA-K22 050 SP.S	K10422122369127	KPS 40	22	40	50	19	31	M10
KP5 CSMA-K16 045 SP.S	K10423121369127	KPS 50	16	32	45	17	27	M8
KP5 CSMA-K22 045 SP.S	K10423122369127	KPS 50	22	40	45	19	31	M10
KP5 CSMA-K27 055 SP.S	K10423123142127	KPS 50	27	48	55	21	33	M12
KP5 CSMA-K32 055 SP.S	K10423124142127	KPS 50	32	58	55	24	38	M16
KP6 CSMA-K16 050 SP.S	K10419121960239	KPS 63	16	32	50	17	27	M8
KP6 CSMA-K16 100 SP.S	K10419121148239	KPS 63	16	32	100	17	27	M8
KP6 CSMA-K22 055 SP.S	K10419122142239	KPS 63	22	40	55	19	31	M10
KP6 CSMA-K22 100 SP.S	K10419122148239	KPS 63	22	40	100	19	31	M10
KP6 CSMA-K27 055 SP.S	K10419123142239	KPS 63	27	48	55	21	33	M12
KP6 CSMA-K27 100 SP.S	K10419123148239	KPS 63	27	48	100	21	33	M12
KP6 CSMA-K32 055 SP.S	K10419124142239	KPS 63	32	58	55	24	38	M16
KP6 CSMA-K40 060 SP.S	K10419125667239	KPS 63	40	70	60	27	41	M20
KP8 CSMA-K16 060 SP.S	K10425121952127	KPS 80	16	32	60	17	27	M8
KP8 CSMA-K22 060 SP.S	K10425122952127	KPS 80	22	40	60	19	31	M10
KP8 CSMA-K27 065 SP.S	K10425123123127	KPS 80	27	48	65	21	33	M12
KP8 CSMA-K32 065 SP.S	K10425124123127	KPS 80	32	58	65	24	38	M16
KP8 CSMA-K40 070 SP.S	K10425125125127	KPS 80	40	70	70	27	41	M20

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



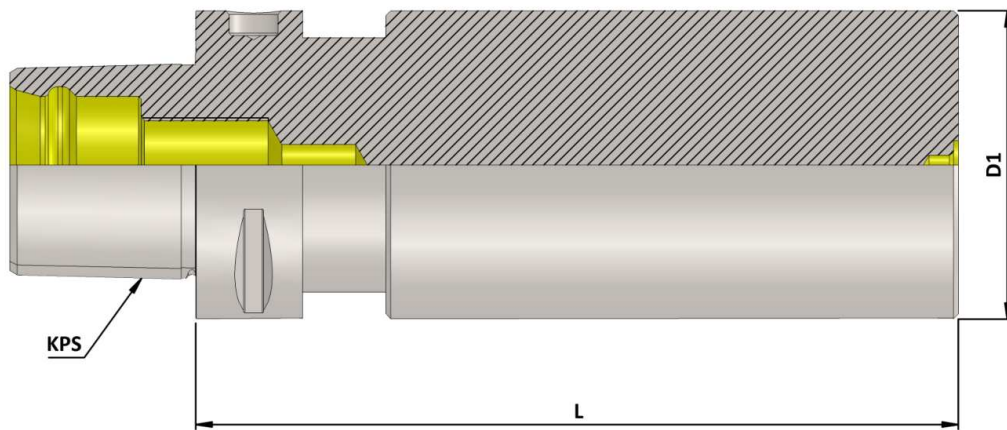
MTA (DIN 6383)

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



KPS (ISO 26623-1) (MTA)				(Balanced to 6.3G 20000 RPM)		
Item Name	Item Code	KPS	Morse Tapper(T)	d(GP)	D1	L
KP5 MT02 110	K10423448156127	KPS 50	2	17.780	32	110
KP5 MT03 130	K10423449165127	KPS 50	3	23.825	40	130
KP6 MT02 110	K10419448156122	KPS 63	2	17.78	32	110
KP6 MT03 130	K10419449165122	KPS 63	3	23.825	40	130
KP6 MT04 150	K10419451883122	KPS 63	4	31.267	48	150
KP8 MT03 120	K10425449162127	KPS 80	3	23.825	40	120
KP8 MT04 140	K10425451169127	KPS 80	4	31.267	48	140
KP8 MT05 160	K10425450175127	KPS 80	5	44.399	63	160
KP10 MT03 130	K10424449165127	KPS 100	3	23.825	40	130
KP10 MT04 150	K10424451173127	KPS 100	4	31.267	48	150
KP10 MT05 175	K10424450259127	KPS 100	5	44.399	63	175

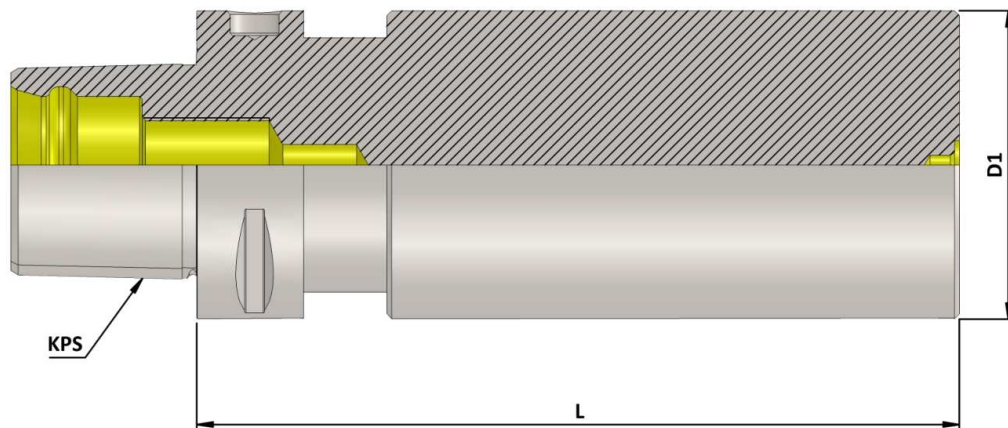
Boring Bar Blank



KPS (ISO 26623-1) (Boring Bar Blank)

Item Name	Item Code	KPS	D1	L
KP3 BORING BAR BLANK DIA 32.0 L 090	K10421615140127	KPS 32	32	90
KP3 BORING BAR BLANK DIA 40.0 L 110	K10421266156127	KPS 32	40	110
KP3 BORING BAR BLANK DIA 50.0 L 125	K10421266235127	KPS 32	50	125
KP3 BORING BAR BLANK DIA 60.0 L 090	K10421607577127	KPS 32	60	90
KP3 BORING BAR BLANK DIA 70.0 L 060	K10421526542127	KPS 32	70	60
KP3 BORING BAR BLANK DIA 90.0 L 070	K10421584578127	KPS 32	90	70
KP4 BORING BAR BLANK DIA 40.0 L 95	K10422266234127	KPS 40	40	95
KP4 BORING BAR BLANK DIA 40.0 L 120	K10422266498127	KPS 40	40	120
KP4 BORING BAR BLANK DIA 60.0 L 165	K10422607330127	KPS 40	60	165
KP4 BORING BAR BLANK DIA 80.0 L 075	K10422264578127	KPS 40	80	75
KP4 BORING BAR BLANK DIA 80.0 L 120	K10422264498127	KPS 40	80	120
KP4 BORING BAR BLANK DIA 100.0 L 085	K10422590577127	KPS 40	100	85
KP5 BORING BAR BLANK DIA 50.0 L 125	K10423266235127	KPS 50	50	125
KP5 BORING BAR BLANK DIA 50.0 L 150	K10423266236127	KPS 50	50	150
KP5 BORING BAR BLANK DIA 63.0 L 180	K10423263333127	KPS 50	63	180
KP5 BORING BAR BLANK DIA 75.0 L 175	K10423264328127	KPS 50	75	175
KP5 BORING BAR BLANK DIA 90.0 L 080	K10423264577127	KPS 50	90	80
KP5 BORING BAR BLANK DIA 95.0 L 150	K10423584236127	KPS 50	95	150
KP5 BORING BAR BLANK DIA 110.0 L 090	K10423590234127	KPS 50	110	90

Boring Bar Blank

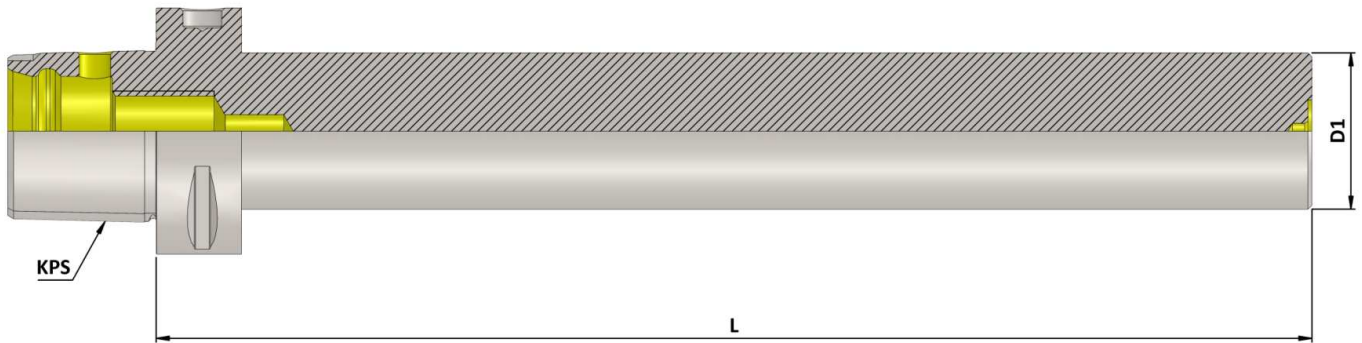


KPS (ISO 26623-1) (Boring Bar Blank)

Item Name	Item Code	KPS	D1	L
KP6 BORING BAR BLANK DIA 63.0 L 180	K10419263328127	KPS 63	63	180
KP6 BORING BAR BLANK DIA 75.0 L 195	K10419587333127	KPS 63	75	195
KP6 BORING BAR BLANK DIA 110.0 L 085	K10419265578127	KPS 63	110	85
KP6 BORING BAR BLANK DIA 110.0 L 120	K10419265498127	KPS 63	110	120
KP6 BORING BAR BLANK DIA 120.0 L 180	K10419265328127	KPS 63	120	180
KP6 BORING BAR BLANK DIA 130.0 L 095	K10419567578127	KPS 63	130	95
KP8 BORING BAR BLANK DIA 80.0 L 200	K10425264237127	KPS 80	80	200
KP8 BORING BAR BLANK DIA 100.0 L 200	K10425590237127	KPS 80	100	200
KP8 BORING BAR BLANK DIA 120.0 L 160	K10425585330127	KPS 80	120	160
KP8 BORING BAR BLANK DIA 130.0 L 090	K10425567577127	KPS 80	130	90
KP8 BORING BAR BLANK DIA 150.0 L 200	K10425567237127	KPS 80	150	200
KP8 BORING BAR BLANK DIA 160.0 L 120	K10425567498127	KPS 80	160	120
KP10 BORING BAR BLANK DIA 100.0 L 100	K10424590234127	KPS 100	100	100
KP10 BORING BAR BLANK DIA 100.0 L 200	K10424590237127	KPS 100	100	200
KP10 BORING BAR BLANK DIA 150.0 L 100	K10424585234127	KPS 100	150	100
KP10 BORING BAR BLANK DIA 150.0 L 200	K10424585237127	KPS 100	150	200
KP10 BORING BAR BLANK DIA 160.0 L 150	K10424567236127	KPS 100	160	150
KP10 BORING BAR BLANK DIA 200.0 L 100	K10424265234127	KPS 100	200	100

Master Mandrell

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



KPS (ISO 26623-1) Master Mandrell

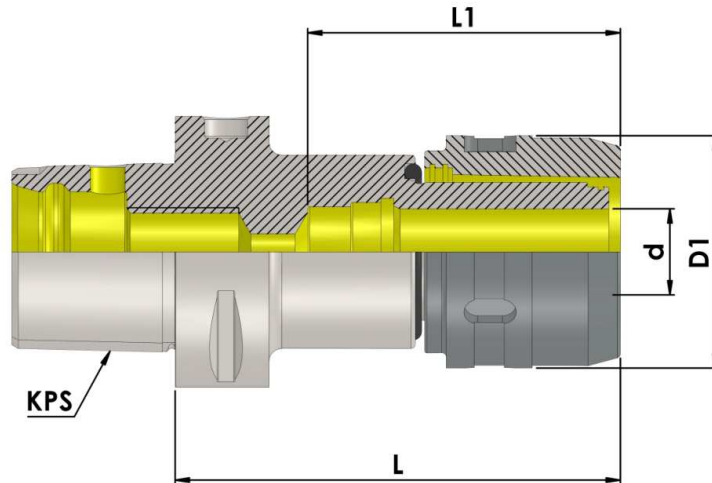
Item Name	Item Code	KPS	D1	L
KP3 MASTER MANDRELL DIA25 L 150	K10421164236127	KPS 32	25	150
KP4 MASTER MANDRELL DIA25 L 150	K10422164236127	KPS 40	25	150
KP5 MASTER MANDRELL DIA32 L 200	K10423164237127	KPS 50	32	200
KP6 MASTER MANDRELL DIA40 L 300	K10419165257127	KPS 63	40	300
KP8 MASTER MANDRELL DIA40 L 300	K10425165257127	KPS 80	40	300
KP10 MASTER MANDRELL DIA40 L 300	K10424165257127	KPS 100	40	300

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



PMC

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



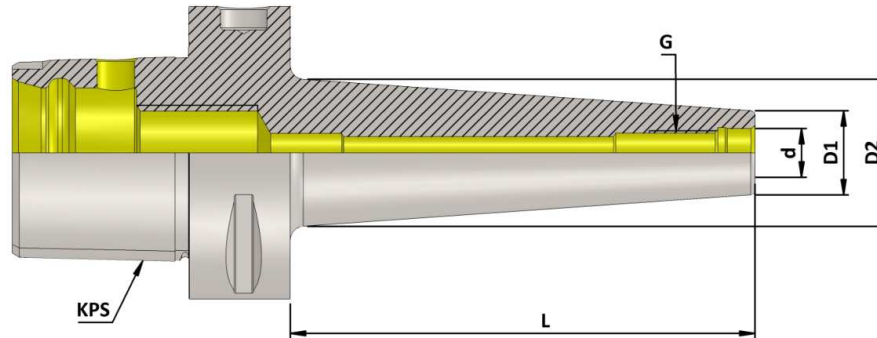
KPS (ISO 26623-1) (PMC)			(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	d	D1	L	L1
KP5 C20 100	K10423445148127	KPS 50	20	54	100	70
KP5 C32 110	K10423446148127	KPS 50	32	72	110	100
KP6 C20 100	K10419445148282	KPS 63	20	54	100	70
KP6 C32 110	K10419446156282	KPS 63	32	72	110	100
KP8 C20 100	K10425445148127	KPS 80	20	54	100	70
KP8 C32 110	K10425446156127	KPS 80	32	72	110	100

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



MCA

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



KPS (ISO 26623-1) (MCA)

(Balanced to 6.3G 20000 RPM)

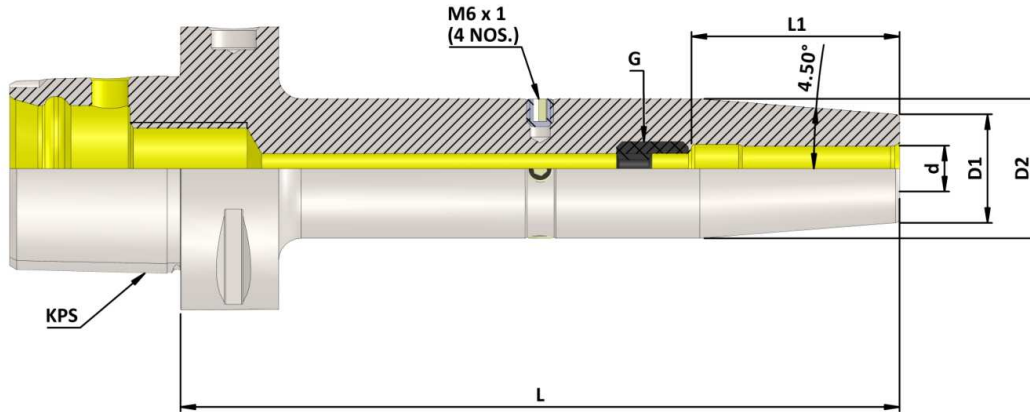
Item Name	Item Code	KPS	d	D1	D2	G	L
KP3 MCA 08 030	K10421138254127	KPS 32	8.5	13	15	M8	30
KP3 MCA 10 030	K10421139254127	KPS 32	10.5	18	20	M10	30
KP3 MCA 12 035	K10421140124127	KPS 32	12.5	21	24	M12	35
KP3 MCA 16 040	K10421141541127	KPS 32	17	29	34	M16	40
KP4 MCA 08 030	K10422138254127	KPS 40	8.5	13	15	M8	30
KP4 MCA 10 035	K10422139124127	KPS 40	10.5	18	20	M10	35
KP4 MCA 12 040	K10422140541127	KPS 40	12.5	21	24	M12	40
KP4 MCA 16 045	K10422141369127	KPS 40	17	29	34	M16	45
KP5 MCA 08 050	K10423138960127	KPS 50	8.5	13	23	M8	50
KP5 MCA 08 075	K10423138127127	KPS 50	8.5	13	23	M8	75
KP5 MCA 10 050	K10423139960127	KPS 50	10.5	18	23	M10	50
KP5 MCA 10 075	K10423139127127	KPS 50	10.5	18	28	M10	75
KP5 MCA 12 050	K10423140960127	KPS 50	12.5	21	24	M12	50
KP5 MCA 12 075	K10423140127127	KPS 50	12.5	21	31	M12	75
KP5 MCA 16 050	K10423141960127	KPS 50	17	29	34	M16	50
KP5 MCA 16 075	K10423141127127	KPS 50	17	29	34	M16	75
KP6 MCA 08 050	K10419138960239	KPS 63	8.5	13	23	M8	50
KP6 MCA 08 075	K10419138127239	KPS 63	8.5	13	23	M8	75
KP6 MCA 10 050	K10419139960239	KPS 63	10.5	18	23	M10	50
KP6 MCA 10 075	K10419139127239	KPS 63	10.5	18	28	M10	75
KP6 MCA 12 050	K10419140960239	KPS 63	12.5	21	24	M12	50
KP6 MCA 12 075	K10419140127239	KPS 63	12.5	21	31	M12	75
KP6 MCA 16 050	K10419141960239	KPS 63	17	29	34	M16	50
KP6 MCA 16 075	K10419141127239	KPS 63	17	29	34	M16	75
KP8 MCA 08 085	K10425138135127	KPS 80	8.5	13	23	M8	85
KP8 MCA 10 085	K10425139135127	KPS 80	10.5	18	28	M10	85
KP8 MCA 12 085	K10425140135127	KPS 80	12.5	21	31	M12	85
KP8 MCA 16 085	K10425141135127	KPS 80	17	29	34	M16	85

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



SFH 4.5°

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



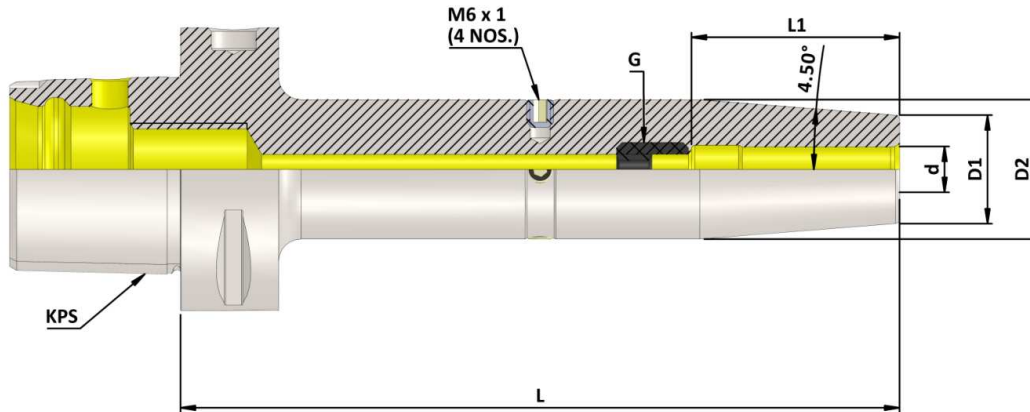
KPS (ISO 26623-1) (SFH 4.5°)							(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	d	D1	D2	G	L	L1
KP3 SFH06 065	K10421274123127	KPS 32	6	21	25	M5	65	36
KP3 SFH08 065	K10421285123127	KPS 32	8	21	25	M6	65	36
KP3 SFH10 070	K10421279125127	KPS 32	10	24	29	M8	70	41
KP3 SFH12 075	K10421280127127	KPS 32	12	24	29	M10	75	46
KP4 SFH06 075	K10422277127127	KPS 40	6	21	27	M5	75	36
KP4 SFH08 075	K10422285127127	KPS 40	8	21	27	M6	75	36
KP4 SFH10 075	K10422279127127	KPS 40	10	24	32	M8	75	41
KP4 SFH12 075	K10422280127127	KPS 40	12	24	32	M10	75	46
KP4 SFH14 080	K10422284131127	KPS 40	14	27	34	M10	80	46
KP4 SFH16 080	K10422281131127	KPS 40	16	27	34	M12	80	49
KP5 SFH06 075	K10423277127127	KPS 50	6	21	27	M5	75	36
KP5 SFH08 075	K10423285127127	KPS 50	8	21	27	M6	75	36
KP5 SFH10 075	K10423279127127	KPS 50	10	24	31	M8	75	41
KP5 SFH12 075	K10423280127127	KPS 50	12	24	31	M10	75	46
KP5 SFH14 080	K10423284131127	KPS 50	14	27	34	M10	80	46
KP5 SFH16 080	K10423281131127	KPS 50	16	27	34	M12	80	49
KP5 SFH18 080	K10423282131127	KPS 50	18	33	40	M12	80	49
KP5 SFH20 085	K10423283135127	KPS 50	20	33	40	M16	85	51
KP5 SFH25 090	K10423287140127	KPS 50	25	44	53	M16	90	57
KP5 SFH32 090	K10423288140127	KPS 50	32	44	53	M16	90	61

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



SFH 4.5°

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



KPS (ISO 26623-1) (SFH 4.5°)

(Balanced to 6.3G 20000 RPM)

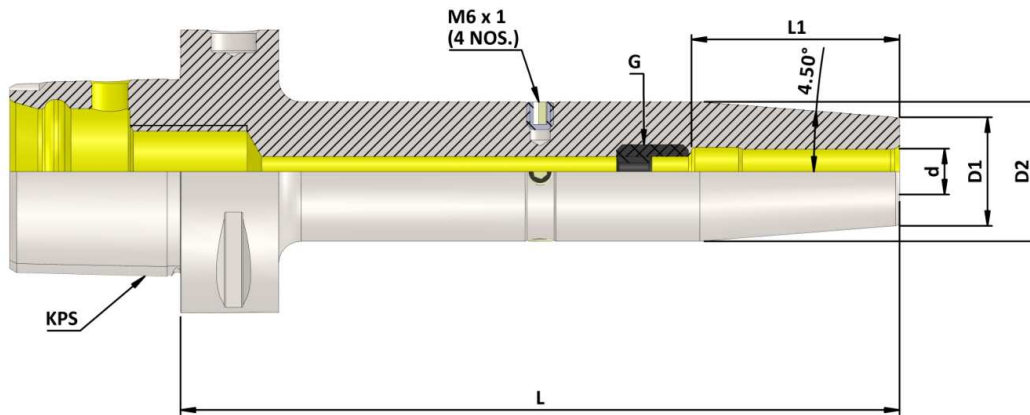
Item Name	Item Code	KPS	d	D1	D2	G	L	L1
KP6 SFH03 080	K10419274131283	KPS 63	3	10	20	-	80	12
KP6 SFH04 080	K10419275131283	KPS 63	4	15	22	-	80	14
KP6 SFH05 080	K10419276131283	KPS 63	5	15	22	-	80	15
KP6 SFH06 080	K10419277131283	KPS 63	6	21	27	M5	80	36
KP6 SFH06 120	K10419277162283	KPS 63	6	21	27	M5	120	36
KP6 SFH06 160	K10419277175283	KPS 63	6	21	27	M5	160	36
KP6 SFH08 080	K10419285131283	KPS 63	8	21	27	M6	80	36
KP6 SFH08 120	K10419285162283	KPS 63	8	21	27	M6	120	36
KP6 SFH08 160	K10419285175283	KPS 63	8	21	27	M6	160	36
KP6 SFH10 080	K10419279131283	KPS 63	10	24	31	M8	80	41
KP6 SFH10 120	K10419279162283	KPS 63	10	24	31	M8	120	41
KP6 SFH10 160	K10419279175283	KPS 63	10	24	31	M8	160	41
KP6 SFH12 080	K10419280131283	KPS 63	12	24	31	M10	80	46
KP6 SFH12 120	K10419280162283	KPS 63	12	24	31	M10	120	46
KP6 SFH12 160	K10419280175283	KPS 63	12	24	31	M10	160	46
KP6 SFH14 085	K10419284135283	KPS 63	14	27	34	M10	85	46
KP6 SFH14 120	K10419284162283	KPS 63	14	27	34	M10	120	46
KP6 SFH14 160	K10419284175283	KPS 63	14	27	34	M10	160	46
KP6 SFH16 085	K10419281135283	KPS 63	16	27	34	M12	85	49
KP6 SFH16 120	K10419281162283	KPS 63	16	27	34	M12	120	49
KP6 SFH16 160	K10419281175283	KPS 63	16	27	34	M12	160	49
KP6 SFH18 085	K10419282135283	KPS 63	18	33	40	M12	85	49
KP6 SFH18 120	K10419282162283	KPS 63	18	33	40	M12	120	49
KP6 SFH18 160	K10419282175283	KPS 63	18	33	40	M12	160	49
KP6 SFH20 085	K10419283135283	KPS 63	20	33	40	M16	85	51
KP6 SFH20 120	K10419283162283	KPS 63	20	33	40	M16	120	51
KP6 SFH20 160	K10419283175283	KPS 63	20	33	40	M16	160	51
KP6 SFH25 090	K10419287140283	KPS 63	25	44	53	M16	90	57
KP6 SFH25 120	K10419287162283	KPS 63	25	44	53	M16	120	57
KP6 SFH25 160	K10419287175283	KPS 63	25	44	53	M16	160	57
KP6 SFH32 095	K10419288145283	KPS 63	32	44	53	M16	95	61
KP6 SFH32 120	K10419288162283	KPS 63	32	44	53	M16	120	61
KP6 SFH32 160	K10419288175283	KPS 63	32	44	53	M16	160	61

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



SFH 4.5°

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



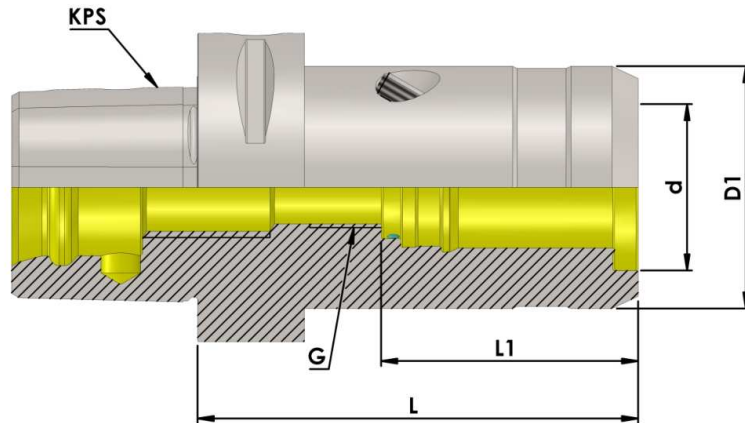
KPS (ISO 26623-1) (SFH 4.5°)				(Balanced to 6.3G 20000 RPM)				
Item Name	Item Code	KPS	d	D1	D2	G	L	L1
KP8 SFH06 090	K10425277135127	KPS 80	6	21	27	M5	90	36
KP8 SFH08 090	K10425285135127	KPS 80	8	21	27	M6	90	36
KP8 SFH10 090	K10425279135127	KPS 80	10	24	31	M8	90	41
KP8 SFH12 090	K10425280135127	KPS 80	12	24	31	M10	90	46
KP8 SFH14 090	K10425284135127	KPS 80	14	27	34	M10	90	46
KP8 SFH16 100	K10425281140127	KPS 80	16	27	34	M12	100	49
KP8 SFH18 100	K10425282140127	KPS 80	18	33	40	M12	100	49
KP8 SFH20 100	K10425283140127	KPS 80	20	33	40	M16	100	51
KP8 SFH25 100	K10425287140127	KPS 80	25	44	53	M16	100	57
KP8 SFH32 100	K10425288140127	KPS 80	32	44	53	M16	100	61

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



Hydraulic Expansion Chuck (Heavy Duty)

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



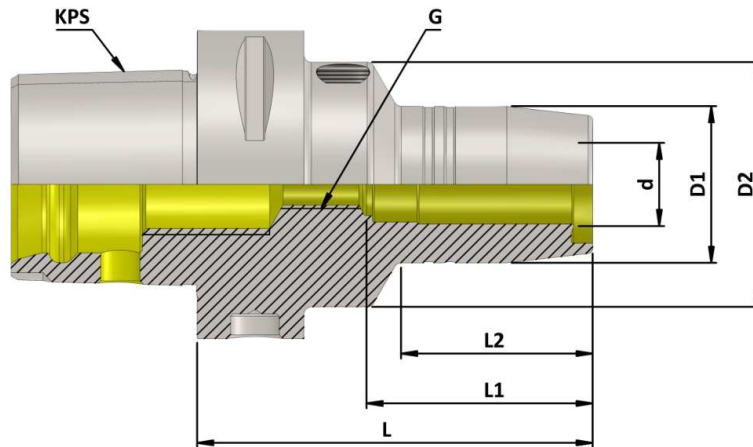
KPS (ISO 26623-1) Hydraulic Expansion Chuck (Heavy Duty)						(Balanced to 6.3G 20000 RPM)	
Item Name	Item Code	KPS	d	D1	G	L	L1
KP5 HC12S 085	K10423636135127	KPS 50	12	42	M10	85	40
KP5 HC20S 090	K10423168140127	KPS 50	20	50	M8	90	42
KP6 HC12S 080	K10419629131283	KPS63	12	42	-	80	40
KP6 HC20S 085	K10419168135283	KPS63	20	50	-	85	42
KP08 HC12S 100	K10425636148127	KPS 80	12	42	M10	100	40
KP08 HC20S 100	K10425168148127	KPS 80	20	50	-	100	42
KP08 HC32S 130	K10425272165127	KPS 80	32	72	M16	130	55
KP10 HC12S 100	K10424636148127	KPS 100	12	42	M10	100	40
KP10 HC20S 100	K10424168148127	KPS 100	20	50	-	100	42
KP10 HC32S 130	K10424272165127	KPS 100	32	72	M16	130	55

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



Hydraulic Expansion Chuck (Standard Series)

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



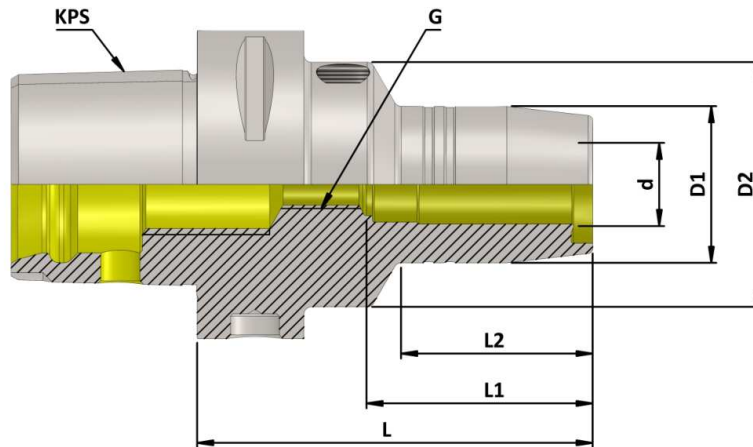
KPS (ISO 26623-1) Hydraulic Expansion Chuck (Standard Series)							(Balanced to 6.3G 20000 RPM)		
Item Name	Item Code	KPS	d	D1	D2	G	L	L1	L2
KP3 HC06 080	K10421707131127	KPS 32	6	26	40	M5	80	37	29
KP3 HC08 080	K10421643131127	KPS 32	8	28	40	M6	80	37	29
KP3 HC10 080	K10421644131127	KPS 32	10	30	40	M6	80	41	35
KP3 HC12 080	K10421636131127	KPS 32	12	32	40	M6	80	46	40
KP4 HC06 080	K10422707131127	KPS 40	6	26	33.5	M5	80	37	36
KP4 HC08 080	K10422643131127	KPS 40	8	28	33.5	M6	80	37	36
KP4 HC10 085	K10422644135127	KPS 40	10	30	33.5	M6	85	41	42
KP4 HC12 085	K10422636135127	KPS 40	12	32	33.5	M6	85	46	48
KP5 HC06 065	K10423707123127	KPS 50	6	26	40	M5	65	37	28
KP5 HC08 065	K10423643123127	KPS 50	8	28	40	M6	65	37	28
KP5 HC10 075	K10423644127127	KPS 50	10	30	40	M8	75	41	34
KP5 HC12 080	K10423636131127	KPS 50	12	32	40	M10	80	46	44
KP5 HC14 080	K10423645131127	KPS 50	14	34	40	M10	80	46	44
KP5 HC16 085	K10423646135127	KPS 50	16	38	53	M12	85	49	30
KP5 HC18 085	K10423647135127	KPS 50	18	40	53	M12	85	49	30
KP5 HC20 085	K10423637135127	KPS 50	20	42	57	M16	85	51	29
KP5 HC25 095	K10423648145127	KPS 50	25	57	50	M16	95	57	-

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



Hydraulic Expansion Chuck (Standard Series)

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



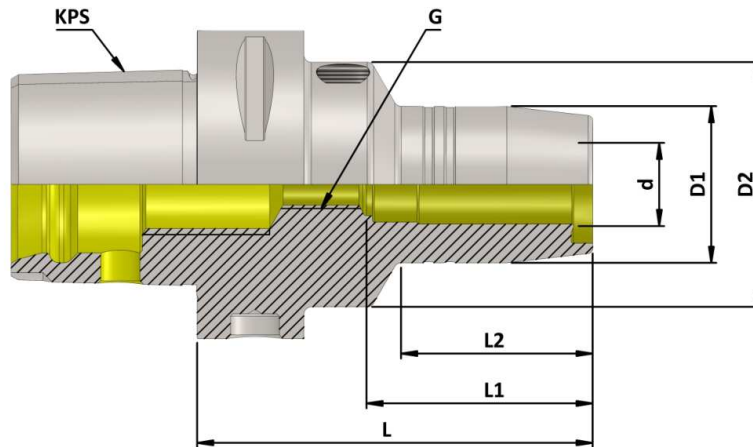
KPS (ISO 26623-1) Hydraulic Expansion Chuck (Standard Series)							(Balanced to 6.3G 20000 RPM)		
Item Name	Item Code	KPS	d	D1	D2	G	L	L1	L2
KP6 HC06 065	K10419642123283	KPS 63	6	26	50	M5	65	37	24
KP6 HC06 120	K10419707162127	KPS 63	6	26	50	M5	120	37	73
KP6 HC08 065	K10419643123283	KPS 63	8	28	50	M6	65	37	25
KP6 HC08 120	K10419643162127	KPS 63	8	28	50	M6	120	37	74
KP6 HC10 075	K10419644127283	KPS 63	10	30	50	M8	75	41	35
KP6 HC10 120	K10419644162127	KPS 63	10	30	50	M8	120	41	74
KP6 HC12 080	K10419636131283	KPS 63	12	32	50	M10	80	46	40
KP6 HC12 120	K10419636162127	KPS 63	12	32	50	M10	120	46	75
KP6 HC14 080	K10419645131283	KPS 63	14	34	50	M10	80	46	40
KP6 HC14 120	K10419645162127	KPS 63	14	34	50	M10	120	46	75
KP6 HC16 085	K10419646135283	KPS 63	16	38	50	M12	85	49	46
KP6 HC16 120	K10419646162127	KPS 63	16	38	50	M12	120	49	76
KP6 HC18 085	K10419647135283	KPS 63	18	40	50	M12	85	49	47
KP6 HC18 120	K10419647162127	KPS 63	18	40	50	M12	120	49	77
KP6 HC20 085	K10419637135283	KPS 63	20	42	50	M16	85	51	48
KP6 HC20 120	K10419637162127	KPS 63	20	42	50	M16	120	51	78
KP6 HC25 095	K10419648145283	KPS 63	25	57	50	M16	95	57	63
KP6 HC25 120	K10419648162127	KPS 63	25	57	50	M16	120	57	63
KP6 HC32 100	K10419638148283	KPS 63	32	63	50	M16	100	61	61
KP6 HC32 120	K10419638162127	KPS 63	32	63	50	M16	120	61	61

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



Hydraulic Expansion Chuck (Standard Series)

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



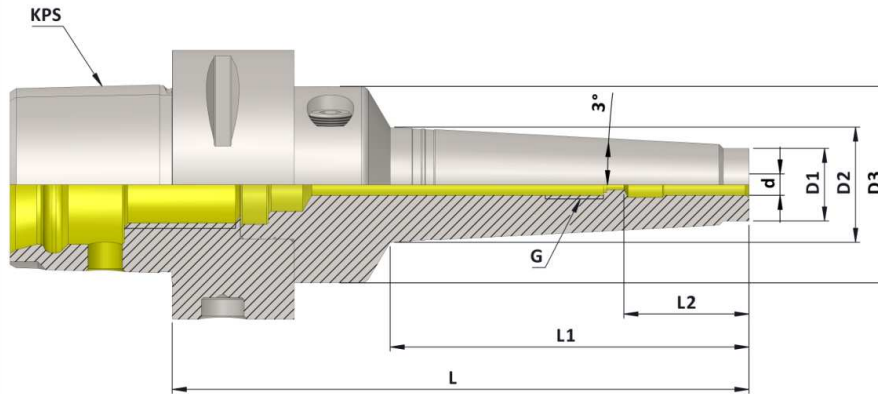
KPS (ISO 26623-1) Hydraulic Expansion Chuck (Standard Series)							(Balanced to 6.3G 20000 RPM)		
Item Name	Item Code	KPS	d	D1	D2	G	L	L1	L2
KP8 HC06 075	K10425707127127	KPS 80	6	26	50	M5	75	37	24
KP8 HC08 075	K10425643127127	KPS 80	8	28	50	M6	75	37	24
KP8 HC10 085	K10425644135127	KPS 80	10	30	50	M8	85	41	35
KP8 HC12 090	K10425636140127	KPS 80	12	32	50	M10	90	46	40
KP8 HC14 090	K10425645140127	KPS 80	14	34	50	M10	90	46	40
KP8 HC16 095	K10425646145127	KPS 80	16	38	50	M12	95	49	51
KP8 HC18 095	K10425647145127	KPS 80	18	40	50	M12	95	49	51
KP8 HC20 095	K10425637145127	KPS 80	20	42	50	M16	95	51	51
KP8 HC25 110	K10425648156127	KPS 80	25	57	63	M16	110	57	65
KP8 HC32 125	K10425638164127	KPS 80	32	63	63	M16	125	61	63
KP10 HC06 080	K10424707131127	KPS 100	6	26	50	M5	80	37	26
KP10 HC08 080	K10424643131127	KPS 100	8	28	50	M6	80	37	26
KP10 HC10 090	K10424644140127	KPS 100	10	30	50	M8	90	41	42
KP10 HC12 100	K10424645148127	KPS 100	12	32	50	M10	100	46	47
KP10 HC14 100	K10424668148127	KPS 100	14	34	50	M10	100	46	47
KP10 HC16 100	K10424646148127	KPS 100	16	38	50	M12	100	49	53
KP10 HC18 100	K10424647148127	KPS 100	18	40	50	M12	100	49	53
KP10 HC20 100	K10424637148127	KPS 100	20	42	50	M16	100	51	59
KP10 HC25 115	K10424648159127	KPS 100	25	57	63	M16	115	57	62
KP10 HC32 130	K10424638165127	KPS 100	32	63	67	M16	130	61	60

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



Hydraulic Expansion Chuck Slim 3 Degree

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



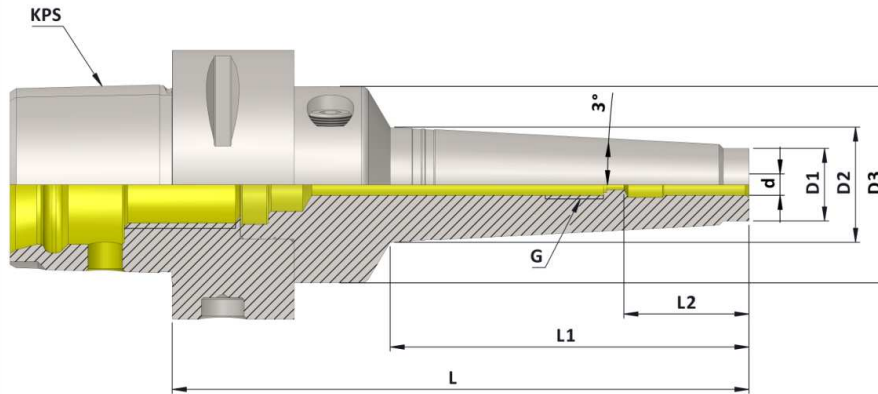
KPS (ISO 26623-1) Hydraulic Expansion Chuck Slim 3 Degree								(Balanced to 6.3G 20000 RPM)		
Item Name	Item Code	KPS	d	D1	D2	D3	G	L	L1	L2
KP3 HC03 130 SLIM	K10421707165557	KPS 32	3	11	19.9	46	M2.5	130	84	28
KP3 HC04 130 SLIM	K10421708165557	KPS 32	4	11	19.9	46	M2.5	130	84	28
KP3 HC05 130 SLIM	K10421709165557	KPS 32	5	12	20.8	46	M2.5	130	84	28
KP3 HC06 135 SLIM	K10421707166557	KPS 32	6	13	21.9	46	M5	135	84	37
KP3 HC06 150 SLIM	K10421707173557	KPS 32	6	13	23.4	46	M5	150	99	37
KP3 HC08 135 SLIM	K10421643166557	KPS 32	8	15	23.9	46	M6	135	84	37
KP3 HC08 150 SLIM	K10421643173557	KPS 32	8	15	25.4	46	M6	150	99	37
KP3 HC10 135 SLIM	K10421644166557	KPS 32	10	17	25.9	46	M8	135	84	41
KP3 HC10 150 SLIM	K10421644173557	KPS 32	10	17	27.4	46	M8	150	99	41
KP3 HC12 135 SLIM	K10421636166557	KPS 32	12	19	27.9	46	M8	135	84	46
KP3 HC12 150 SLIM	K10421636173557	KPS 32	12	19	29.4	46	M8	150	99	46
KP4 HC03 130 SLIM	K10422707165557	KPS 40	3	11	19.9	46	M2.5	130	84	28
KP4 HC04 130 SLIM	K10422708165557	KPS 40	4	11	19.9	46	M2.5	130	84	28
KP4 HC05 130 SLIM	K10422709165557	KPS 40	5	12	20.8	46	M2.5	130	84	28
KP4 HC06 135 SLIM	K10422957166557	KPS 40	6	13	21.9	46	M5	135	84	37
KP4 HC06 150 SLIM	K10422957173557	KPS 40	6	13	23.4	46	M5	150	99	37
KP4 HC08 135 SLIM	K10422643166557	KPS 40	8	15	23.9	46	M6	135	84	37
KP4 HC08 150 SLIM	K10422643173557	KPS 40	8	15	25.4	46	M6	150	99	37
KP4 HC10 135 SLIM	K10422644166557	KPS 40	10	17	25.9	46	M8	135	84	41
KP4 HC10 150 SLIM	K10422644173557	KPS 40	10	17	27.4	46	M8	150	99	41
KP4 HC12 135 SLIM	K10422636166557	KPS 40	12	19	27.9	46	M8	135	84	46
KP4 HC12 150 SLIM	K10422636173557	KPS 40	12	19	29.4	46	M8	150	99	46

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



Hydraulic Expansion Chuck Slim 3 Degree

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



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

(Balanced to 6.3G 20000 RPM)

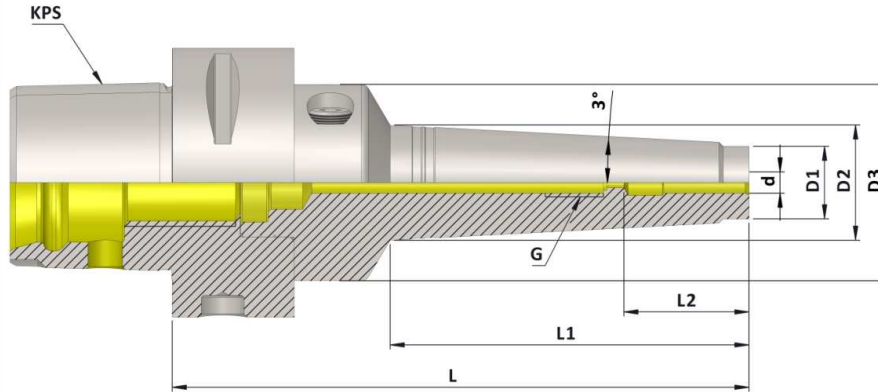
Item Name	Item Code	KPS	d	D1	D2	D3	G	L	L1	L2
KP5 HC03 130 SLIM	K10423707165557	KPS 50	3	11	19.9	46	M2.5	130	84	28
KP5 HC04 130 SLIM	K10423708165557	KPS 50	4	11	19.9	46	M2.5	130	84	28
KP5 HC05 130 SLIM	K10423709165557	KPS 50	5	12	20.8	46	M2.5	130	84	28
KP5 HC06 135 SLIM	K10423957166557	KPS 50	6	13	21.9	46	M5	135	84	37
KP5 HC06 150 SLIM	K10423957173557	KPS 50	6	13	23.4	46	M5	150	99	37
KP5 HC08 135 SLIM	K10423643166557	KPS 50	8	15	23.9	46	M6	135	84	37
KP5 HC08 150 SLIM	K10423643173557	KPS 50	8	15	25.4	46	M6	150	99	37
KP5 HC10 135 SLIM	K10423644166557	KPS 50	10	17	25.9	46	M8	135	84	41
KP5 HC10 150 SLIM	K10423644173557	KPS 50	10	17	27.4	46	M8	150	99	41
KP5 HC12 135 SLIM	K10423636166557	KPS 50	12	19	27.9	46	M8	135	84	46
KP5 HC12 150 SLIM	K10423636173557	KPS 50	12	19	29.4	46	M8	150	99	46

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



Hydraulic Expansion Chuck Slim 3 Degree

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



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

(Balanced to 6.3G 20000 RPM)

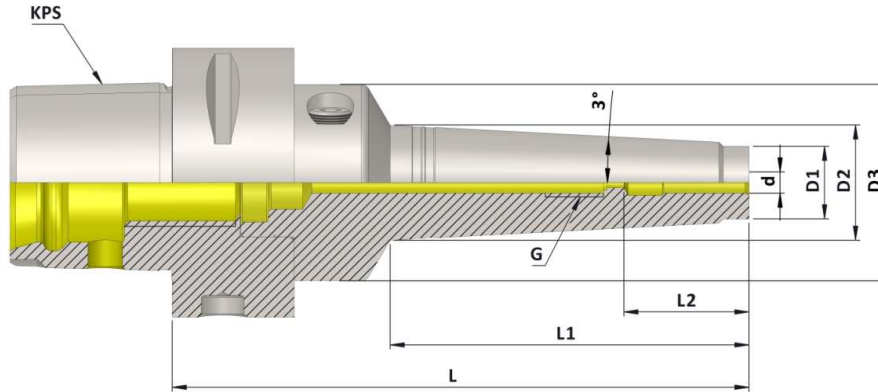
Item Name	Item Code	KPS	d	D1	D2	D3	G	L	L1	L2
KP6 HC03 135 SLIM	K10419707166557	KPS 63	3	11	19.9	46	—	135	84	28
KP6 HC04 135 SLIM	K10419708166557	KPS 63	4	11	19.9	46	—	135	84	28
KP6 HC05 135 SLIM	K10419709166557	KPS 63	5	12	20.8	46	—	135	84	28
KP6 HC06 135 SLIM	K10419957166557	KPS 63	6	13	21.9	46	M5	135	84	37
KP6 HC06 150 SLIM	K10419957173557	KPS 63	6	13	23.4	46	M5	150	99	37
KP6 HC06 165 SLIM	K10419957956557	KPS 63	6	13	25	46	M5	165	114	37
KP6 HC06 180 SLIM	K10419957178557	KPS 63	6	13	26.7	46	M5	180	130	37
KP6 HC08 135 SLIM	K10419643166557	KPS 63	8	15	23.9	46	M6	135	84	37
KP6 HC08 150 SLIM	K10419643173557	KPS 63	8	15	25.4	46	M6	150	99	37
KP6 HC08 165 SLIM	K10419643956557	KPS 63	8	15	27	46	M6	165	114	37
KP6 HC08 180 SLIM	K10419643178557	KPS 63	8	15	28.7	46	M6	180	130	37
KP6 HC10 135 SLIM	K10419644166557	KPS 63	10	17	25.9	46	M8	135	84	41
KP6 HC10 150 SLIM	K10419644173557	KPS 63	10	17	27.4	46	M8	150	99	41
KP6 HC10 165 SLIM	K10419644956557	KPS 63	10	17	29	46	M8	165	114	41
KP6 HC10 180 SLIM	K10419644178557	KPS 63	10	17	30.7	46	M8	180	130	41
KP6 HC12 135 SLIM	K10419636166557	KPS 63	12	19	27.9	46	M8	135	84	46
KP6 HC12 150 SLIM	K10419636173557	KPS 63	12	19	29.4	46	M8	150	99	46
KP6 HC12 165 SLIM	K10419636956557	KPS 63	12	19	31	46	M8	165	114	46
KP6 HC12 180 SLIM	K10419636178557	KPS 63	12	19	32.7	46	M8	180	130	46
KP6 HC14 135 SLIM	K10419645166557	KPS 63	14	21	29.8	52.5	M10	135	84	46
KP6 HC14 165 SLIM	K10419645956557	KPS 63	14	21	32.9	52.5	M10	165	114	46
KP6 HC14 180 SLIM	K10419645178557	KPS 63	14	21	34.5	52.5	M10	180	129	46
KP6 HC16 135 SLIM	K10419646166557	KPS 63	16	23	31.9	52.5	M12	135	84	49
KP6 HC16 165 SLIM	K10419646956557	KPS 63	16	23	35	52.5	M12	165	114	49
KP6 HC16 180 SLIM	K10419646178557	KPS 63	16	23	36.6	52.5	M12	180	129	49
KP6 HC18 135 SLIM	K10419647166557	KPS 63	18	26	34.8	60	M12	135	84	49
KP6 HC18 165 SLIM	K10419647956557	KPS 63	18	26	37.9	60	M12	165	114	49
KP6 HC18 180 SLIM	K10419647178557	KPS 63	18	26	39.5	60	M12	180	129	49
KP6 HC20 135 SLIM	K10419637166557	KPS 63	20	28	36.9	60	M16	135	84	51
KP6 HC20 165 SLIM	K10419637956557	KPS 63	20	28	40	60	M16	165	114	51
KP6 HC20 180 SLIM	K10419637178557	KPS 63	20	28	41.6	60	M16	180	129	51
KP6 HC25 135 SLIM	K10419648166557	KPS 63	25	37	45.9	60	M16	135	84	51
KP6 HC25 165 SLIM	K10419648956557	KPS 63	25	37	49	60	M16	165	114	51
KP6 HC25 180 SLIM	K10419648178557	KPS 63	25	37	50.6	60	M16	180	129	51

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



Hydraulic Expansion Chuck Slim 3 Degree

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



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

(Balanced to 6.3G 20000 RPM)

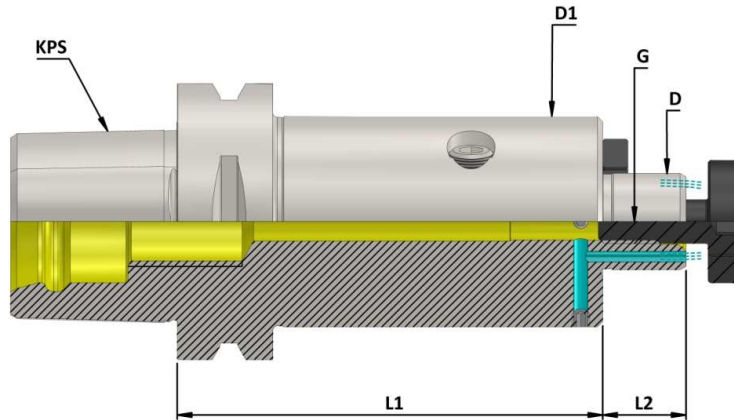
Item Name	Item Code	KPS	d	D1	D2	D3	G	L	L1	L2
KP8 HC06 150 SLIM	K10425707173557	KPS 80	6	13	21.9	46	M5	150	84	37
KP8 HC06 165 SLIM	K10425707956557	KPS 80	6	13	23.4	46	M5	165	99	37
KP8 HC06 180 SLIM	K10425707178557	KPS 80	6	13	25	46	M5	180	114	37
KP8 HC06 195 SLIM	K10425707957557	KPS 80	6	13	26.7	46	M5	195	130	37
KP8 HC08 150 SLIM	K10425643173557	KPS 80	8	15	23.9	46	M6	150	84	37
KP8 HC08 165 SLIM	K10425643956557	KPS 80	8	15	25.4	46	M6	165	99	37
KP8 HC08 180 SLIM	K10425643178557	KPS 80	8	15	27	46	M6	180	114	37
KP8 HC08 195 SLIM	K10425643957557	KPS 80	8	15	28.7	46	M6	195	130	37
KP8 HC10 150 SLIM	K10425644152557	KPS 80	10	17	25.9	46	M8	150	84	41
KP8 HC10 165 SLIM	K10425644956557	KPS 80	10	17	27.4	46	M8	165	99	41
KP8 HC10 180 SLIM	K10425644178557	KPS 80	10	17	29	46	M8	180	114	41
KP8 HC10 195 SLIM	K10425644957557	KPS 80	10	17	30.7	46	M8	195	130	41
KP8 HC12 150 SLIM	K10425636173557	KPS 80	12	19	27.9	46	M10	150	84	46
KP8 HC12 165 SLIM	K10425636956557	KPS 80	12	19	29.4	46	M10	165	99	46
KP8 HC12 180 SLIM	K10425636178557	KPS 80	12	19	31	46	M10	180	114	46
KP8 HC12 195 SLIM	K10425636957557	KPS 80	12	19	32.7	46	M10	195	130	46
KP8 HC14 150 SLIM	K10425645173557	KPS 80	14	21	31.4	52.5	M10	150	99	46
KP8 HC14 180 SLIM	K10425645178557	KPS 80	14	21	32.9	52.5	M10	180	114	46
KP8 HC14 195 SLIM	K10425645957557	KPS 80	14	21	34.5	52.5	M10	195	129	46
KP8 HC16 150 SLIM	K10425646173557	KPS 80	16	23	31.9	52.5	M12	150	84	49
KP8 HC16 180 SLIM	K10425646178557	KPS 80	16	23	35	52.5	M12	180	114	49
KP8 HC16 195 SLIM	K10425646957557	KPS 80	16	23	36.6	52.5	M12	195	129	49
KP8 HC18 150 SLIM	K10425647173557	KPS 80	18	26	34.8	60	M12	150	84	49
KP8 HC18 180 SLIM	K10425647178557	KPS 80	18	26	37.9	60	M12	180	114	49
KP8 HC18 195 SLIM	K10425647957557	KPS 80	18	26	39.5	60	M12	195	129	49
KP8 HC20 150 SLIM	K10425637173557	KPS 80	20	28	36.9	60	M16	150	84	51
KP8 HC20 180 SLIM	K10425637178557	KPS 80	20	28	40	60	M16	180	114	51
KP8 HC20 195 SLIM	K10425637957557	KPS 80	20	28	41.6	60	M16	195	129	51
KP8 HC25 150 SLIM	K10425648173557	KPS 80	25	37	45.9	60	M16	150	84	51
KP8 HC25 180 SLIM	K10425648178557	KPS 80	25	37	49	60	M16	180	114	51
KP8 HC25 195 SLIM	K10425648957557	KPS 80	25	37	50.6	60	M16	195	129	51

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



HC-FMH-K

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



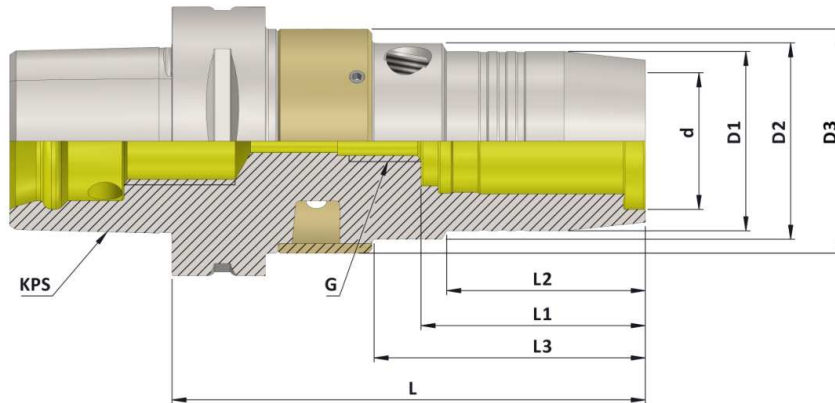
KPS (ISO 26623-1) (HC FMH-K)				(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	D	D1	L1	L2	G
KP6 HC FMH-K22 100 SP.S	K10421707165557	KPS 63	22	48	100	19	M8
KP6 HC FMH-K27 100 SP.S	K10421708165557	KPS 63	27	50	100	21	M12
KP8 HC FMH-K27 100 SP.S	K10421709165557	KPS 80	27	50	100	21	M12
KP8 HC FMH-K32 100 SP.S	K10421707166557	KPS 80	32	78	100	24	M16
KP10 HC FMH-K22 100 SP.S	K10421707173557	KPS 100	22	48	100	19	M8
KP10 HC FMH-K27 100 SP.S	K10421643166557	KPS 100	27	50	100	21	M12
KP10 HC FMH-K32 100 SP.S	K10421643173557	KPS 100	32	78	100	24	M16
KP10 HC FMH-K40 100 SP.S	K10421644166557	KPS 100	40	88	100	27	M20

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



HC-RA

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



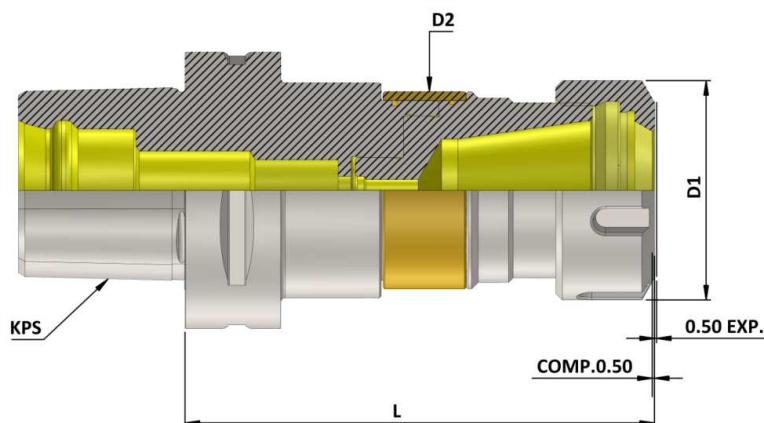
KPS (ISO 26623-1) HC with Run Out Adjustment (HC-RA)								(Balanced to 6.3G 20000 RPM)			
Item Name	Item Code	KPS	d	D1	D2	D3	G	L	L1	L2	L3
KP6 HC20 115 RA	K10419637159135	KPS 63	20	42	46	52.5	M8	115	51	50	65.5
KP6 HC32 150 RA	K10419638173135	KPS 63	32	42	46	52.5	M8	150	51	50	65.5
KP10 HC20 120 RA	K10424637162135	KPS 100	20	42	46	52.5	M8	120	51	50	65.5
KP10 HC32 150 RA	K10424638173135	KPS 100	32	42	46	52.5	M8	150	51	50	65.5

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



(MLC) (DIN-6499)

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

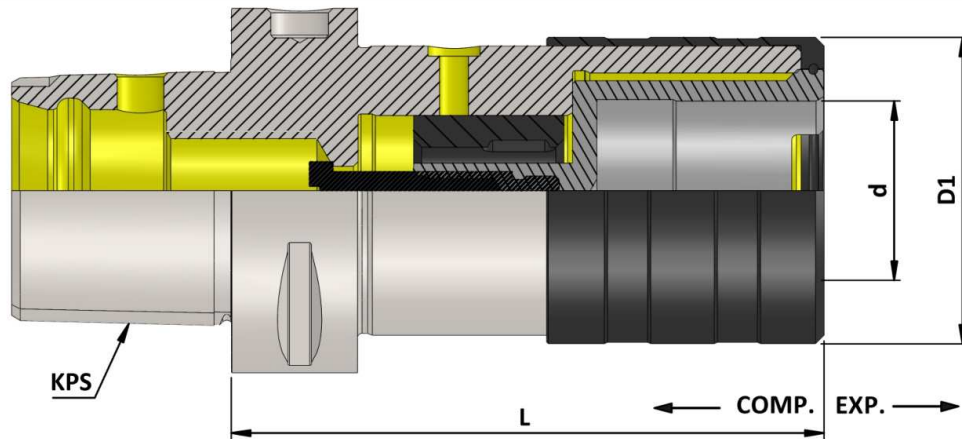


KPS (ISO 26623-1) (MLC)						(Balanced to 6.3G 20000 RPM)				
Item Name	Item Code	KPS	TAPPING RANGE	CLAMPING RANGE	NUT SIZE	D1	D2	L	COMP.	EXP.
KP3 ER 16 089 MLC	K10421149139245	KPS 32	M3-M12	3.5-10	ER 16	32	34	89	0.5	0.5
KP3 ER 20 090 MLC	K10421150140245	KPS 32	M3-M16	3.5-12	ER 20	35	34	90	0.5	0.5
KP3 ER 25 094 MLC	K10421151548245	KPS 32	M3-M20	3.5-16	ER 25	42	34	94	0.5	0.5
KP4 ER 16 089 MLC	K10422149139245	KPS 40	M3-M12	3.5-10	ER 16	32	34	89	0.5	0.5
KP4 ER 20 090 MLC	K10422150140245	KPS 40	M3-M16	3.5-12	ER 20	35	34	90	0.5	0.5
KP4 ER 25 094 MLC	K10422151548245	KPS 40	M3-M20	3.5-16	ER 25	42	34	94	0.5	0.5
KP5 ER 16 089 MLC	K10423149139245	KPS 50	M3-M12	3.5-10	ER 16	32	34	89	0.5	0.5
KP5 ER 20 090 MLC	K10423150140245	KPS 50	M3-M16	3.5-12	ER 20	35	34	90	0.5	0.5
KP5 ER 25 094 MLC	K10423151548245	KPS 50	M3-M20	3.5-16	ER 25	42	34	94	0.5	0.5
KP6 ER 16 089 MLC	K10419149139245	KPS 63	M3-M12	3.5-10	ER 16	32	34	89	0.5	0.5
KP6 ER 20 090 MLC	K10419150140245	KPS 63	M3-M16	3.5-12	ER 20	35	34	90	0.5	0.5
KP6 ER 25 094 MLC	K10419151548245	KPS 63	M3-M20	3.5-16	ER 25	42	34	94	0.5	0.5
KP6 ER 32 105 MLC	K10419152152245	KPS 63	M4-M27	3.5-20	ER 32	50	45	105	0.5	0.5
KP6 ER 40 133.5 MLC	K10419153550245	KPS 63	M6-M33	6-25	ER 40	63	62	133.5	0.5	0.5
KP8 ER 16 096 MLC	K10425149262245	KPS 80	M3-M12	3.5-10	ER 16	32	34	96	0.5	0.5
KP8 ER 20 097 MLC	K10425150562245	KPS 80	M3-M16	3.5-12	ER 20	35	34	97	0.5	0.5
KP8 ER 25 101 MLC	K10425151261245	KPS 80	M3-M20	3.5-16	ER 25	42	34	101	0.5	0.5
KP8 ER 32 110 MLC	K10425152156245	KPS 80	M4-M27	3.5-20	ER 32	50	45	110	0.5	0.5
KP8 ER 40 133 MLC	K10425153550245	KPS 80	M6-M33	6-25	ER 40	63	62	133	0.5	0.5
KP10 ER 16 096 MLC	K10424149262245	KPS 100	M3-M12	3.5-10	ER 16	32	34	96	0.5	0.5
KP10 ER 20 097 MLC	K10424150562245	KPS 100	M3-M16	3.5-12	ER 20	35	34	97	0.5	0.5
KP10 ER 25 101 MLC	K10424151261245	KPS 100	M3-M20	3.5-16	ER 25	42	34	101	0.5	0.5
KP10 ER 32 110 MLC	K10424152156245	KPS 100	M4-M27	3.5-20	ER 32	50	45	110	0.5	0.5
KP10 ER 40 133 MLC	K10424153165245	KPS 100	M6-M33	6-25	ER 40	63	62	133	0.5	0.5

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



KWFLK



KPS (ISO 26623-1) (KWFLK)

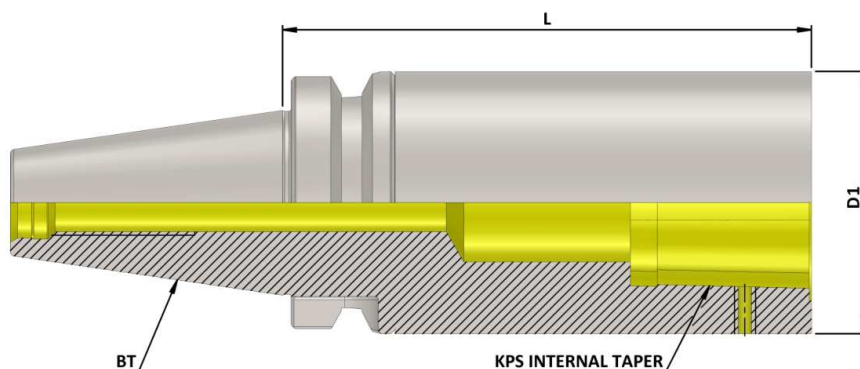
Item Name	Item Code	KPS	Capacity	Suitable Adaptor	Compr.	Expan.	d	D1	L
KP3 KWFLK1 080	K10421169131127	KPS 32	M3-M12	KWES1B	7.5	7.5	19	36	80
KP4 KWFLK1 080	K10422169131127	KPS 40	M3-M12	KWES1B	7.5	7.5	19	36	80
KP4 KWFLK2 110	K10422169156127	KPS 40	M6-M20	KWES2B	12.5	12.5	31	53	110
KP5 KWFLK1 080	K10423169131127	KPS 50	M3-M12	KWES1B	7.5	7.5	19	36	80
KP5 KWFLK2 115	K10423170159127	KPS 50	M6-M20	KWES2B	12.5	12.5	31	53	115
KP6 KWFLK1 090	K10419169132127	KPS 63	M3-M12	KWES1B	7.5	7.5	19	36	90
KP6 KWFLK2 120	K10419170161127	KPS 63	M6-M20	KWES2B	12.5	12.5	31	53	120
KP6 KWFLK3 170	K10419171374127	KPS 63	M14-M33	KWES3B	20	20	48	78	170
KP8 KWFLK1 085	K10425169135127	KPS 80	M3-M12	KWES1B	7.5	7.5	19	36	85
KP8 KWFLK2 110	K10425170156127	KPS 80	M6-M20	KWES2B	12.5	12.5	31	53	110
KP8 KWFLK3 160	K10425171175127	KPS 80	M14-M33	KWES3B	20	20	48	78	160
KP10 KWFLK1 100	K10424169148127	KPS 100	M3-M12	KWES1B	7.5	7.5	19	36	100
KP10 KWFLK2 130	K10424170165127	KPS 100	M6-M20	KWES2B	12.5	12.5	31	53	130
KP10 KWFLK3 180	K10424171178127	KPS 100	M14-M33	KWES3B	20	20	48	78	180
KP10 KWFLK4 225	K10424172181127	KPS 100	M22-M48	KWES4B	22.5	22.5	60	96	225

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



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

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



Reduction Sleeve BT (MAS 403) x KPS (ISO 26623-1)

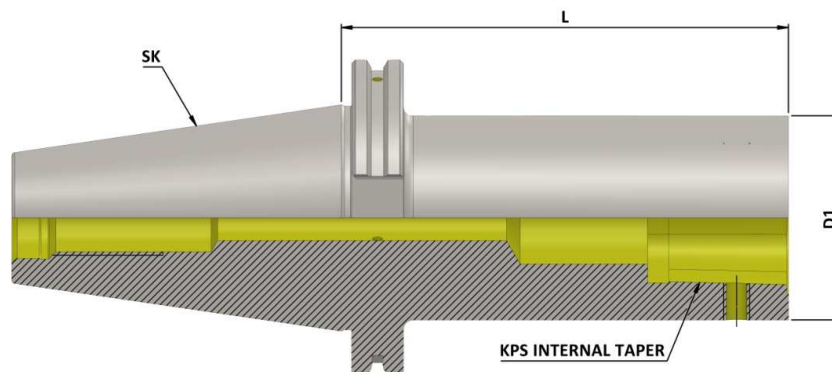
Item Name	Item Code	KPS	D1	L
BT30 030 x KP3 REDUCTION SLEEVE	K10421344254292	KPS 32	32	30
BT30 060 x KP3 REDUCTION SLEEVE	K10421344952292	KPS 32	32	60
BT40 030 x KP3 REDUCTION SLEEVE	K10421345952292	KPS 32	32	30
BT40 060 x KP3 REDUCTION SLEEVE	K10421345254292	KPS 32	32	60
BT50 040 x KP3 REDUCTION SLEEVE	K10421346541292	KPS 32	32	40
BT50 070 x KP3 REDUCTION SLEEVE	K10421346125292	KPS 32	32	70
BT40 030 x KP4 REDUCTION SLEEVE	K10422345254292	KPS 40	40	30
BT40 060 x KP4 REDUCTION SLEEVE	K10422345952292	KPS 40	40	60
BT50 040 x KP4 REDUCTION SLEEVE	K10422346541292	KPS 40	40	40
BT50 070 x KP4 REDUCTION SLEEVE	K10422346125292	KPS 40	40	70
BT40 030 x KP5 REDUCTION SLEEVE	K10423345254292	KPS 50	50	30
BT40 070 x KP5 REDUCTION SLEEVE	K10423345125292	KPS 50	50	70
BT50 040 x KP5 REDUCTION SLEEVE	K10423346541292	KPS 50	50	40
BT50 080 x KP5 REDUCTION SLEEVE	K10423346131292	KPS 50	50	80
BT40 075 x KP6 REDUCTION SLEEVE	K10102204486127	KPS 63	63	75
BT50 040 x KP6 REDUCTION SLEEVE	K10102204486562	KPS 63	63	40
BT50 090 x KP6 REDUCTION SLEEVE	K10102204486563	KPS 63	63	90
BT50 070 x KP8 REDUCTION SLEEVE	K10425346125292	KPS 80	80	70
BT50 120 x KP8 REDUCTION SLEEVE	K10425346162292	KPS 80	80	120

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



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

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



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

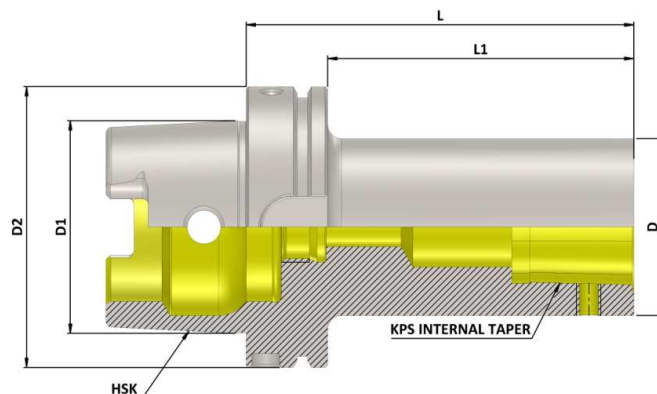
Item Name	Item Code	KPS	D1	L
SK40 030 x KP3 REDUCTION SLEEVE	K10421347254292	KPS 32	32	30
SK40 060 x KP3 REDUCTION SLEEVE	K10421347952292	KPS 32	32	60
SK50 030 x KP3 REDUCTION SLEEVE	K10421348254292	KPS 32	32	30
SK50 060 x KP3 REDUCTION SLEEVE	K10421348952292	KPS 32	32	60
SK40 030 x KP4 REDUCTION SLEEVE	K10422347254292	KPS 40	40	30
SK40 060 x KP4 REDUCTION SLEEVE	K10422347952292	KPS 40	40	60
SK50 030 x KP4 REDUCTION SLEEVE	K10422348254292	KPS 40	40	30
SK50 060 x KP4 REDUCTION SLEEVE	K10422348952292	KPS 40	40	60
SK40 030 x KP5 REDUCTION SLEEVE	K10423347254292	KPS 50	50	30
SK40 070 x KP5 REDUCTION SLEEVE	K10423347125292	KPS 50	50	70
SK50 030 x KP5 REDUCTION SLEEVE	K10423348254292	KPS 50	50	30
SK50 070 x KP5 REDUCTION SLEEVE	K10423348125292	KPS 50	50	70
SK40 085 x KP6 REDUCTION SLEEVE	K10104205856292	KPS 63	63	85
SK50 030 x KP6 REDUCTION SLEEVE	K10104205486127	KPS 63	63	30
SK50 080 x KP6 REDUCTION SLEEVE	K10104205486562	KPS 63	63	80
SK50 070 x KP8 REDUCTION SLEEVE	K10425348125292	KPS 80	80	70
SK50 120 x KP8 REDUCTION SLEEVE	K10425348162292	KPS 80	80	120

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



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

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



Reduction Sleeve HSK-A (DIN 69893-1) x KPS (ISO 26623-1)

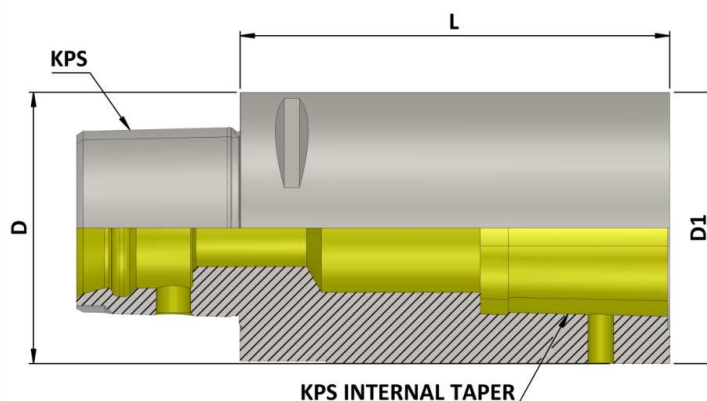
Item Name	Item Code	KPS	D	D1	D2	L	L1
HSK-A 63 075 x KP3 REDUCTION SLEEVE	K10316204486127	KPS 32	32	48	63	75	49
HSK-A 100 080 x KP3 REDUCTION SLEEVE	K10421462131292	KPS 32	32	75	100	80	51
HSK-A 63 080 x KP4 REDUCTION SLEEVE	K10316204486562	KPS 40	40	48	63	80	54
HSK-A 100 090 x KP4 REDUCTION SLEEVE	K10422462140292	KPS 40	40	75	100	90	61
HSK-A 63 090 x KP5 REDUCTION SLEEVE	K10423598140292	KPS 50	50	48	63	90	64
HSK-A 100 100 x KP5 REDUCTION SLEEVE	K10423462148292	KPS 50	50	75	100	100	71
HSK-A 100 110 x KP6 REDUCTION SLEEVE	K10419462156292	KPS 63	63	75	100	110	81
HSK-A 100 120 x KP8 REDUCTION SLEEVE	K10425462162292	KPS 80	80	75	100	120	91

KPS (ISO 26623-1) EXTENSIONS KPS (ISO 26623-1) x KPS (ISO 26623-1)



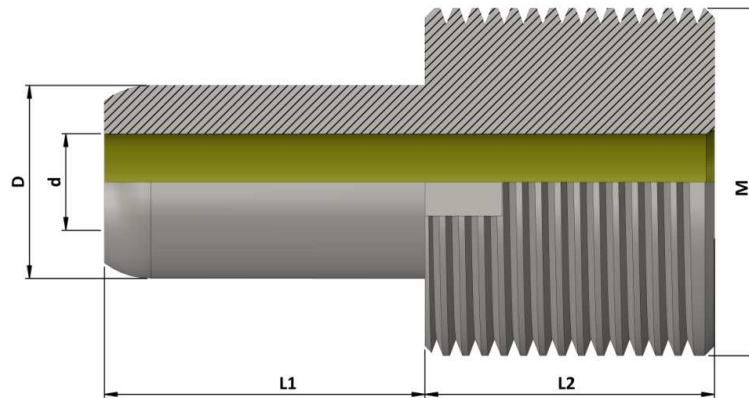
KPS (ISO 26623-1) x KPS (ISO 26623-1)

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



KPS (ISO 26623-1) x KPS (ISO 26623-1) Extensions

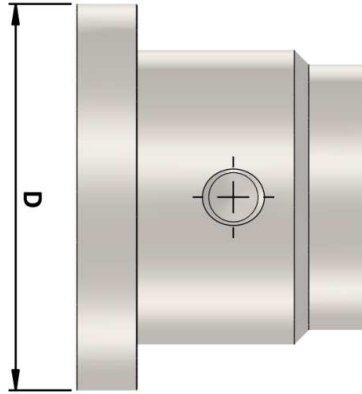
Item Name	Item Code	KPS	D1	L
KP3 x KP3 035 EXTENSION	K10421182124127	KPS 32	32	35
KP3 x KP3 060 EXTENSION	K10421182952127	KPS 32	32	60
KP3 x KP3 080 EXTENSION	K10421182131127	KPS 32	32	80
KP4 x KP4 040 EXTENSION	K10422183541127	KPS 40	40	40
KP4 x KP4 060 EXTENSION	K10422183952127	KPS 40	40	60
KP4 x KP4 080 EXTENSION	K10422183131127	KPS 40	40	80
KP5 x KP5 050 EXTENSION	K10423184960127	KPS 50	50	50
KP5 x KP5 080 EXTENSION	K10423184131127	KPS 50	50	80
KP5 x KP5 100 EXTENSION	K10423184148127	KPS 50	50	100
KP6 x KP6 060 EXTENSION	K10419205659127	KPS 63	63	60
KP6 x KP6 100 EXTENSION	K10419205320127	KPS 63	63	100
KP6 x KP6 140 EXTENSION	K10419206320127	KPS 63	63	140
KP8 x KP8 065 EXTENSION	K10423187123127	KPS 80	80	65
KP8 x KP8 100 EXTENSION	K10423187148127	KPS 80	80	100
KP8 x KP8 125 EXTENSION	K10423187164127	KPS 80	80	125
KP10 x KP8 065 EXTENSION	K10424187278127	KPS 100	80	65
KP10 x KP8 100 EXTENSION	K10424187148127	KPS 100	80	100
KP10 x KP8 125 EXTENSION	K10424187164127	KPS 100	80	125



KPS (ISO 26623-1) Coolant Tube

Item Name	Item Code	KPS	d	D	L1	L2	M
KP4 COOLANT TUBE	K10422232877127	KPS 40	4	6	13.5	12	M14
KP5 COOLANT TUBE	K10423232877127	KPS 50	5	7	14.4	14	M16
KP6 COOLANT TUBE	K10419232877127	KPS 63	6	8	15.7	15	M20
KP8 COOLANT TUBE	K10425232877127	KPS 80	8	10	16.6	15	M20

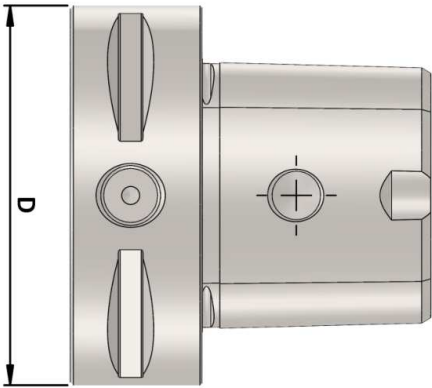
Manual Cap



KPS (ISO 26623-1) Manual Cap			
Item Name	Item Code	KPS	D
KP3 MANUAL CAP	K10421940147127	KPS 32	32
KP4 MANUAL CAP	K10422940147127	KPS 40	40
KP5 MANUAL CAP	K10423940147127	KPS 50	50
KP6 MANUAL CAP	K10419940147127	KPS 63	63
KP8 MANUAL CAP	K10425940147127	KPS 80	80



Automatic Cap



KPS (ISO 26623-1) Automatic Cap			
Item Name	Item Code	KPS	D
KP4 AUTOMATIC CAP	K10422604147127	KPS 40	40
KP5 AUTOMATIC CAP	K10423604147127	KPS 50	50
KP6 AUTOMATIC CAP	K10419604147127	KPS 63	63
KP8 AUTOMATIC CAP	K10425604147127	KPS 80	80

● Polygonal Shank Tool Holders:

- ▶ Radial
- ▶ Axial
- ▶ Duplex
- ▶ Triplex
- ▶ Tool Holders 45°

● Polygonal Shank External Turning Tools

● Polygonal Shank External Threading Tools

● Polygonal Shank Internal Turning Tools

● Polygonal Shank Internal Threading Tools



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

(A Tool Holder Company Since 1985)

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