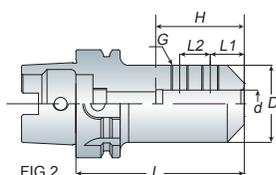
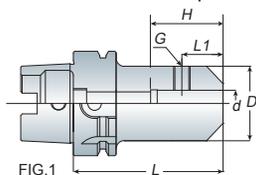


HSK-A series

EM

End Mill Holder - Weldon

側固端銑刀桿 (歐規)



- For straight shank end mill.
- End mill is held by one (FIG.1) or two (FIG.2) set screws.
- End mill holder comes equipped with set screws.
- Balancing: 30,000 r.p.m G2.5
- 適用於夾持直柄銑刀，可用在一般銑削加工
- 夾持銑刀之固定螺絲分為一個 (FIG.1) 或兩個 (FIG.2)
- 刀桿本身已裝配固定螺絲
- 動平衡：30,000 r.p.m G2.5

Model No.	FIG.	d	D	L	L1	L2	H	G	Weight (kg)
HSK50A EM06-065	1	6	25	65	18	-	28	M06x1.0P	0.60
EM08-065	1	8	28	65	18	-	35	M08x1.25P	0.70
EM10-065	1	10	35	65	20	-	40	M10x1.5P	0.80
EM12-080	1	12	42	80	22.5	-	45	M10x1.5P	1.00
EM16-080	1	16	48	80	24	-	50	M10x1.5P	1.10
EM20-080	1	20	52	80	25	-	55	M12x1.75P	1.20
HSK63A EM06-065	1	6	25	65	18	-	28	M06x1.0P	0.90
EM08-065	1	8	28	65	18	-	35	M08x1.25P	0.90
EM10-065	1	10	35	65	20	-	40	M10x1.5P	1.00
EM12-065	1	12	42	65	22.5	-	40	M10x1.5P	1.10
EM16-080	1	16	48	80	24	-	50	M10x1.5P	1.40
EM20-080	1	20	52	80	25	-	55	M12x1.75P	1.50
EM25-110	2	25	65	110	24	49	60	M12x1.75P	2.50
EM32-110	2	32	72	110	24	52	70	M16x2.0P	2.70

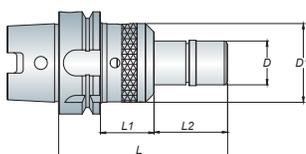
Unit: mm

QSK

Zero Adjustable Precision Holder

零點可調精度刀桿

- Stable runout, more smooth surface for working material.
- Simple design, easy to adjust runout.
- Compensate for increased runout by machine spindle bearing aging.
- Extending tools lifetime.
- Reamer ONLY.
- 實現孔徑加工的穩定性，降低表面粗糙度
- 結構簡單並能快速在機台上直接調整刀尖跳動精度
- * 簡單有效的修正因機台主軸老化而引起的跳動偏擺問題
- 刀具壽命延長
- 絞刀專用



Model No.	D	D1	L	L1	L2	Collet	Wrench	Weight (kg)
HSK63A QSK10-105	27	48.5	105	29.3	48.7	SK10	WASK10	1.30
QSK16-105	40	59.5	105	29.3	48.7	SK16	WASK16	1.50

Unit: mm



QER

Zero Adjustable Precision Holder

零點可調精度刀桿



Model No.	Clamping Range	D	D1	L	L1	L2	Collet	Wrench	Weight (kg)
HSK63A QER16-105	1~10	28	48.5	105	29.25	49.75	ER16	WER16	1.20
QER20-105	1~13	34	59.5	105	29.25	49.75	ER20	WER20	1.50
QER32-105	2~20	50	68	105	38	41	ER32	WER32	1.90
HSK100A QER16-105	1~10	28	48.5	105	29.25	46.75	ER16	WER16	2.60
QER20-105	1~13	34	59.5	105	29.25	46.75	ER20	WER20	2.90
QER32-105	2~20	50	68	105	29.25	46.75	ER32	WER32	3.20

Unit: mm