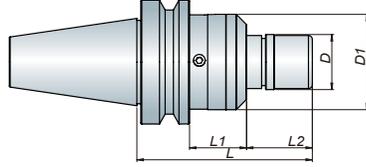


# Zero Adjustable Precision Holder

零點可調精度刀桿

# QSK QER

## BT / NT series



Model No.	Clamping Range	D	D1	L	L1	L2	Collet	Wrench	Weight (kg)
BT30 QSK10-090	2~10	27	48.5	90	29.3	33.7	SK10	WASK10	1.30
QSK16-090	3~16	40	59.5	90	29.3	33.7	SK16	WASK16	1.50
BT40 QSK10-090	2~10	27	48.5	90	29.3	33.7	SK10	WASK10	1.50
QSK16-090	3~16	40	59.5	90	29.3	33.7	SK16	WASK16	1.80
BT50 QSK10-105	2~10	27	48.5	105	29.3	48.7	SK10	WASK10	4.50
QSK16-105	3~16	40	59.5	105	29.3	48.7	SK16	WASK16	5.00

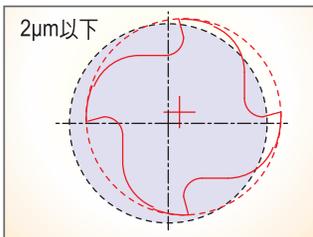
Unit: mm

Model No.	Clamping Range	D	D1	L	L1	L2	Collet	Wrench	Weight (kg)
BT30 QER16-090	1~10	28	48.5	90	36.75	31.25	ER16	WER16	0.90
QER20-090	1~13	34	59.5	90	42.25	25.75	ER20	WER20	1.20
BT40 QER16-090	1~10	28	48.5	90	29.25	33.75	ER16	WER16	1.40
QER20-090	1~13	34	59.5	90	29.25	33.75	ER20	WER20	1.70
QER32-105	2~20	50	68	105	38	40	ER32	WER32	2.10
BT50 QER16-105	1~10	28	48.5	105	29.25	37.75	ER16	WER16	4.20
-150	1~10	28	48.5	150	29.25	82.75	ER16	WER16	4.30
QER20-105	1~13	34	59.5	105	29.25	37.75	ER20	WER20	4.40
-150	1~13	34	59.5	150	29.25	82.75	ER20	WER20	4.60
QER32-105	2~20	50	68	105	29.25	37.75	ER32	WER32	4.60
-150	2~20	50	68	150	29.25	82.75	ER32	WER32	5.10

Unit: mm

## Features

- 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



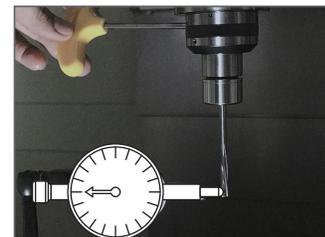
To avoid vibration from the old spindle.

簡單有效的解決因機床主軸老化而引起的跳動偏大問題



More stably for working diameter and make working surface more smoothly.

實現孔加工的穩定化，降低表面粗糙度



Simple operation, easy to adjust run-out

結構簡單，能在機床上直接調整刀尖跳動精度