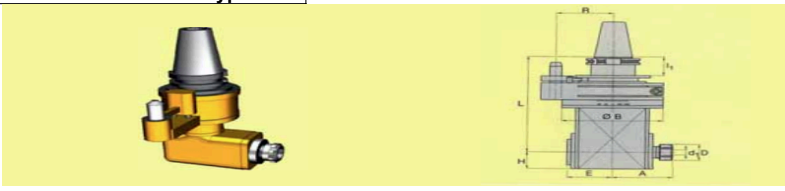


### LIGHT WEIGHT RIGHT ANGLE HEAD

#### Mini ER Collet chuck type

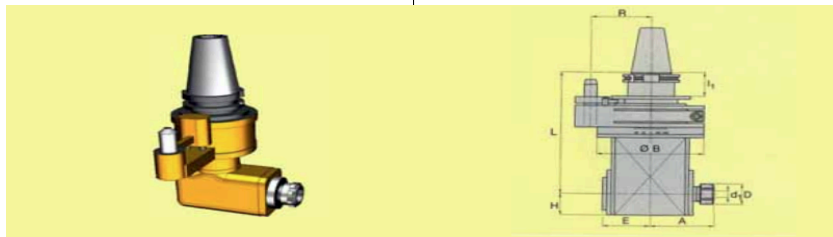


Catalogue No.	Spindle	d1	B	D	E	R	L	H	A	Max. RPM	Power (KW)	Weight in Kg.	l1	Max Torque (NM)
BT40RAHER11M120M	ER11M	1 to 7	66	16	27.5	65	120	19	43	8000	3	2.1	35	5
BT40RAHER20M150M	ER20M	1 to 13	98	28	44	65	150	30	68.5	6000	3	5	35	20
BT40RAHER25M158M	ER25M	1 to 16	98	35	44	65	158	34	70	4000	3	5	45	26
BT50RAHER11M140M	ER11M	1 to 7	66	16	27.5	80	140	19	43	8000	6	2.5	55	5
BT50RAHER20M 170M	ER20M	1 to 13	98	28	44	80	170	30	68.5	6000	6	7.5	55	20
BT50RAHER25M170M	ER25M	1 to 16	98	35	44	80	170	34	70	4000	6	7.5	55	26

Balance by design : Order Example BT50RAHER25M170M  
Dynamically balanced on Request  
G6.3@15,000 RPM  
G2.5@20,000 RPM  
Order Example : BT50RAHER25M170MG2.5

Scope of Supply : Basic Tool Holder, Locknut, Stopscrew  
Accessories Viz : To be ordered separately  
ER Collets : Page No.  
Pull Stud : Page No.  
All details are subject to change without Notice

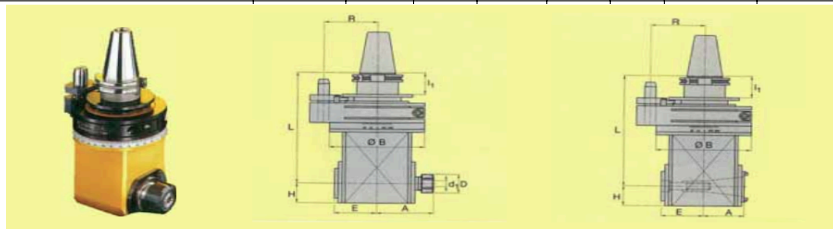
### LIGHT WEIGHT RIGHT ANGLE HEAD



Catalogue No.	Spindle	d1	B	D	E	R	L	H	A	Max. RPM	Power (KW)	Weight in Kg.	l1	Max Torque (NM)
HSK63ARAHER20M159M	ER20M	1 to 13	98	28	44	65	159	30	68.5	6000	3	5	44	20
HSK63ARAHER25M158M	ER25M	1 to 16	98	35	44	65	158	34	70	4000	3	5	44	26
HSK100ARAHER11M129M	ER11M	1 to 7	66	16	27.5	80	129	19	43	8000	6	2.5	44	5
HSK100ARAHER20M159M	ER20M	1 to 13	98	28	44	80	159	30	68.5	6000	6	7.5	46	20
HSK100ARAHER25M158M	ER25M	1 to 16	98	35	44	80	158	34	70	4000	6	7.5	46	26

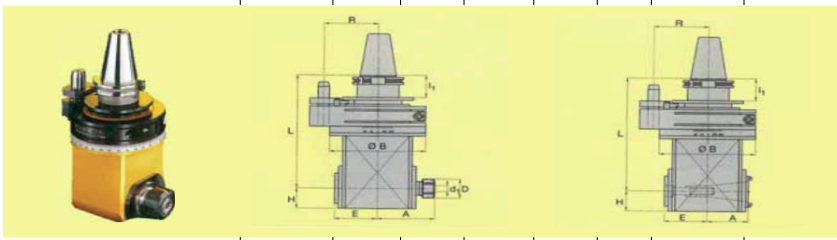
### STANDARD RIGHT ANGLE HEAD

#### Collet chuck type & ISO Spindle Type



Catalogue No.	Spindle	d1	B	D	E	R	L	H	A	Max. RPM	Power (KW)	Weight in Kg.	l1	Max Torque INMI
BT40RAHER25185M	ER25	1 to 16	115	42	51	65	185.5	30	74	4500	3	6.5	47	35
BT40RAHIS030178M	IS030	----	130	----	56.5	65	178.5	35	57.5	3500	4	9	47	40
BT50RAHER40215M	ER40	3 to 26	170	63	65	110	215.5	44	93	3990	6	14	55	50
BT50RAHIS030169M	IS030	----	130	----	56.5	50	169.5	35	57.5	3000	4	11	36	40
BT50RAHIS040230M	IS040	----	170	----	62	110	230	50	78.5	2500	8	20	55	150

### STANDARD RIGHT ANGLE HEAD



Catalogue No.	Spindle	d1	B	D	E	R	L	H	A	Max. RPM	Power (KW)	Weight in Kg.	L	Max Torque INMI
DV40RAHER25173M	ER25	1 to 16	115	42	51	65	173.5	20	74	4500	3	6	35	35
DV40RAHIS030168M	IS030	----	130	---	56.5	65	168.5	35	57.5	3500	4	9	35	40
DV50RAHER40198M	ER40	3 to 26	170	63	65	110	198.5	44	93	3050	6	14	38	50
DV50RAHIS030166M	IS030	----	130	----	56.5	80	166.5	35	57.5	3000	4	11	35	40
DV50RAHIS040213M	IS040	----	170		62	110	213	60	78.5	2500	8	19	38	150