

Manufacture efficiently

- Reduction of machining times
- Expansion of manufacturing capacities
- High repeated accuracy within a drill pattern
- Realization of individual solutions



An individual solution for any machining process

- Several spindle layouts possible
- From two to X spindles can be designed
- Minimum spindle distance: 12 mm
- Drilling head also available with internal coolant
- Automatic tool change
- Dimensions and spindle pattern
- Speed rpm
- Torque
- Gear ratio
- Internal coolant



Multi spindle head
Configured individually depending on machining process.

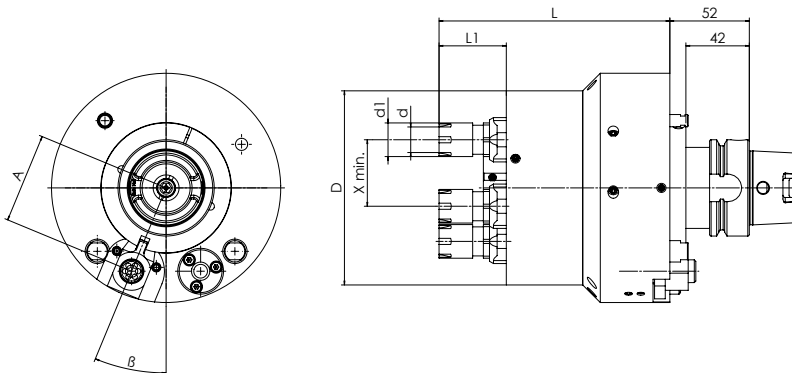


Torque arm
Configured depending on machine model.



Input Drive
All current models available

Example: Multi spindle head with ER collet chuck



Collet chuck	L	L ₁	d	d ₁	D ₁	A	M _{max.} [Nm]	β	D	Drive
ER 8	148	23	1 - 4	11	20	machine dependent	11	achine dependent	Drill pattern dependent	Drive elective
ER 11	148	23	1 - 7	16	24		16			
ER 16	153	28	1-10	22	38		22			
ER 20	158	35	1-13	28	52		28			
ER 25	158	40	2-16	35	52		35			
ER 32	168	50	2-20	50	60		50			

L are maximum dimensions.
Depending on spindle distance a shorter version is possible