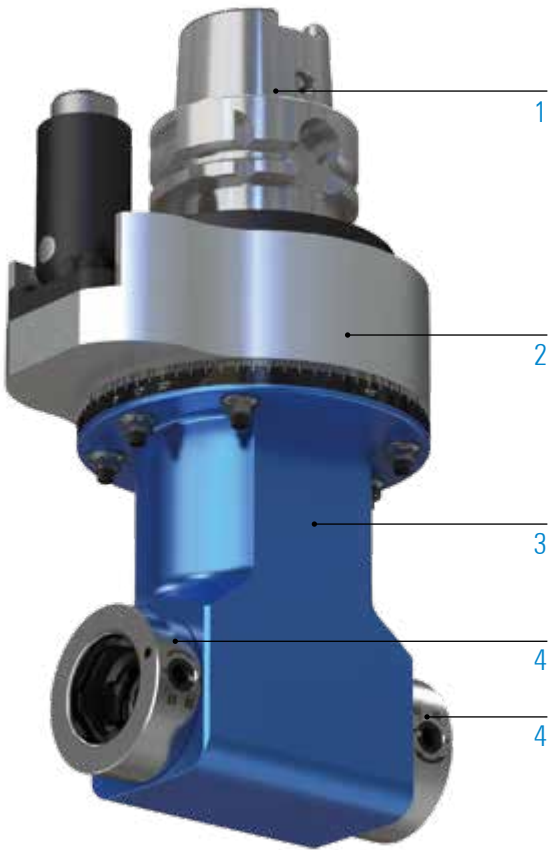


ANGLE HEAD DUO WZX

ANGLE HEAD 90° – OUTPUT SPINDLE ON BOTH SIDES

Angle head with two output spindles arranged opposite each other and running in opposite directions

Feasible on request: external cooling (EC)



1 TAPER



HSK
DIN 69893



Steep taper
SK



Steep taper
MAS BT



Steep taper
CAT



Coromant
Capto®



KM™

2 TORQUE ARM

optional: customized torque arm
more information on page 25

3 FRONT HEAD (SIZE)

- 04
- 05
- 07
- 15
- 20

4 OUTPUT SPINDLE



BENZ
Solidfix®



BENZ
CAPTO™



Collet chuck



Weldon



Whistle
Notch



Milling arbor



HSK



KM™

MACHINING



drilling



milling



tapping

SPECIFICATIONS



amount of
output spindles



axis angle



change the
angle head



grease lubrication



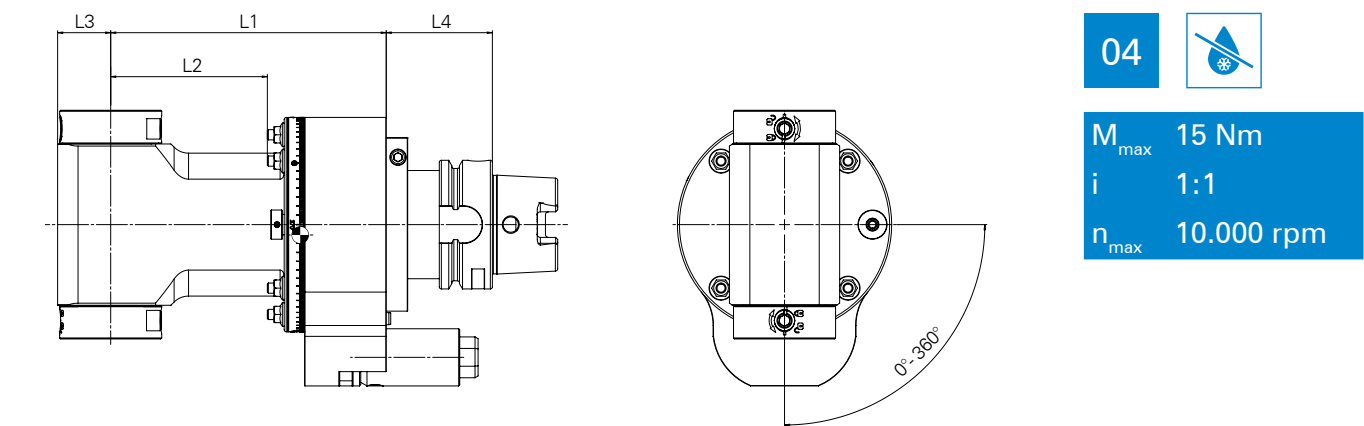
without cooling



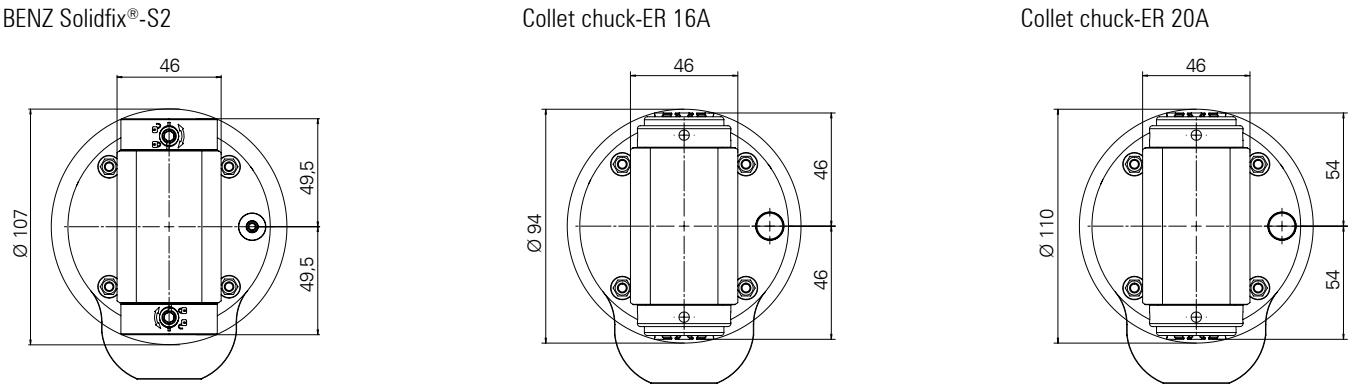
external cooling
(on request)

ANGLE HEAD DUO WZX

TECHNICAL DATA



OUTPUT SPINDLE



technical data for other output spindles on request

FRONT HEAD

Type Size	Technical data		
	L1 [mm]	L2 [mm]	
04	145	93,5	4,8

+OUTPUT SPINDLE

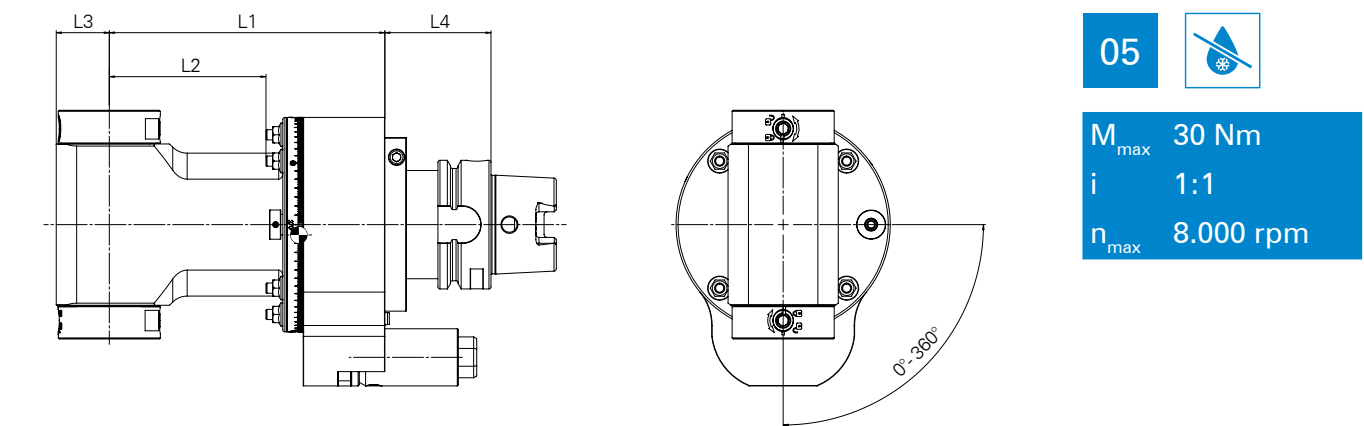
Type Size	Technical data		
	L3 [mm]		
S2	24	0	
ER16A	24	0	
ER 20A	24	0	

+TAPER

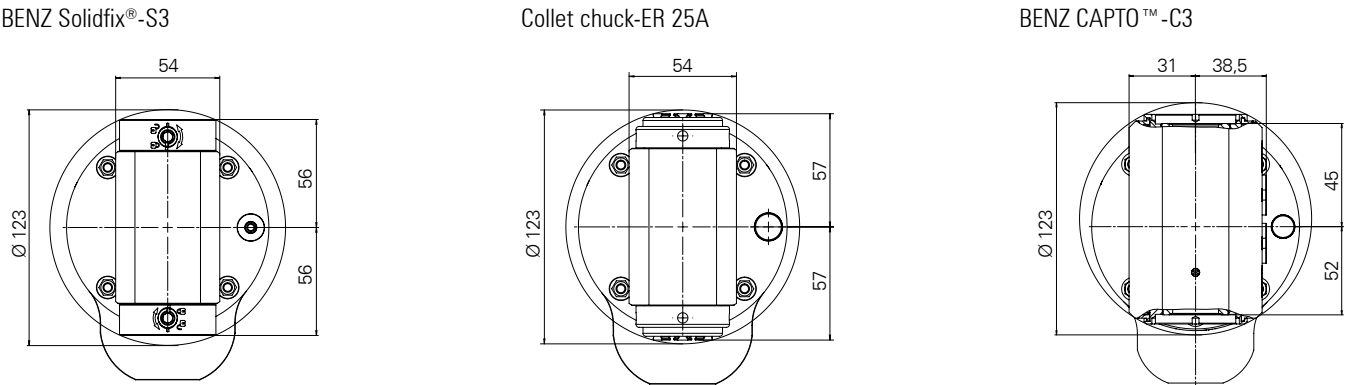
Type Size	Technical data		
	L4 [mm]		
HSK-A63	52	0	
HSK-A100	55	3	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	2,4	
SK50 CAT50	45	3,6	
BT40	53	-0,2	
BT50	60	2,8	

DUO WZX

TECHNICAL DATA



OUTPUT SPINDLE



technical data for other output spindles on request

FRONT HEAD

Type Size	Technical data		
	L1 [mm]	L2 [mm]	
05	88*	26,5	5,4
	135	73,5	6,2
	195	133,5	6,8

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]		
S3	26	0	
ER25A	26	0	
C3	30,5	0,5	

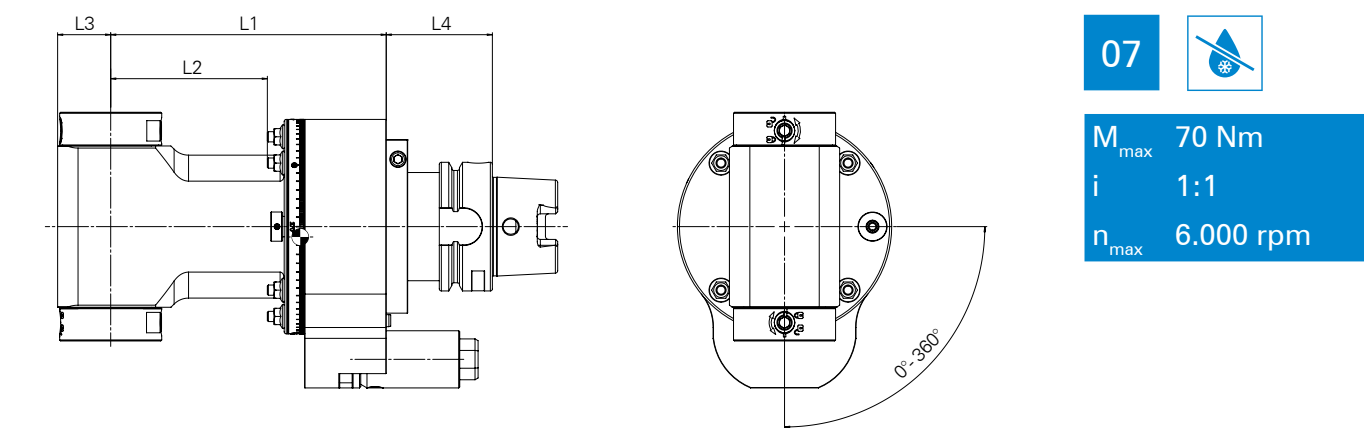
+TAPER

Type Size	Technical data		
	L4 [mm]		
HSK-A63	52	0	
HSK-A100	55	3	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	2,4	
SK50 CAT50	45	3,6	
BT40	53	-0,1	
BT50	60	3,1	

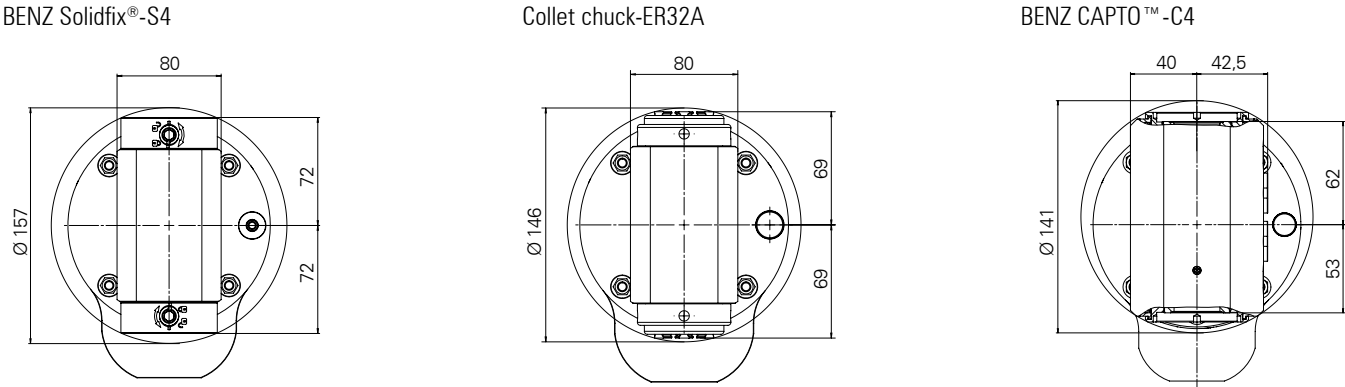
* short size: output spindle BENZ CAPTO™ not possible

ANGLE HEAD DUO WZX

TECHNICAL DATA



OUTPUT SPINDLE



 technical data for other output spindles on request

FRONT HEAD

Type Size	Technical data		
	L1 [mm]	L2 [mm]	
07	105	43,5	8,4
	150	88,5	9,4
	215	153,5	11,1

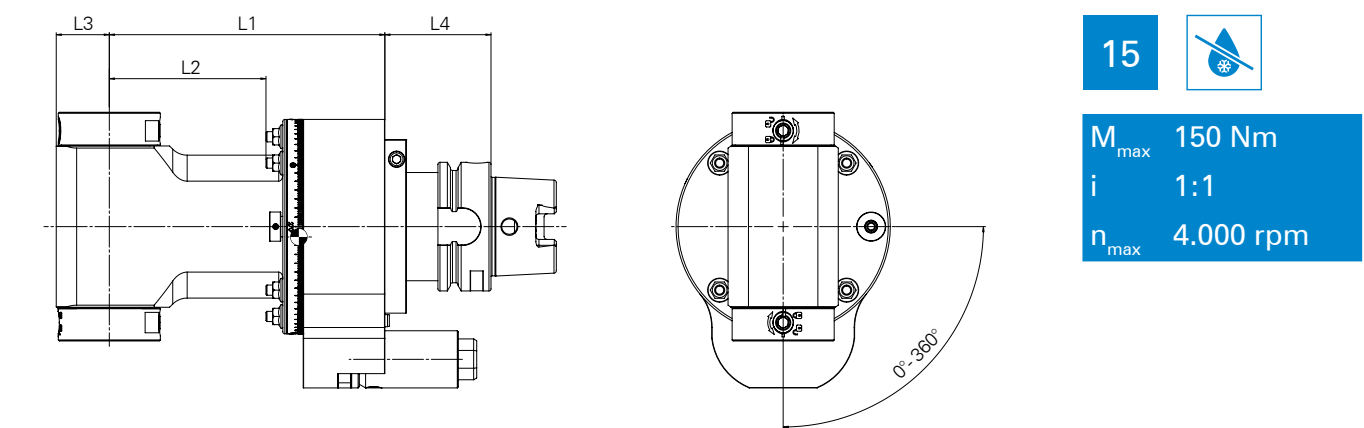
+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
S4	35	0	
	ER32A	35	0
	C4	37	1,0

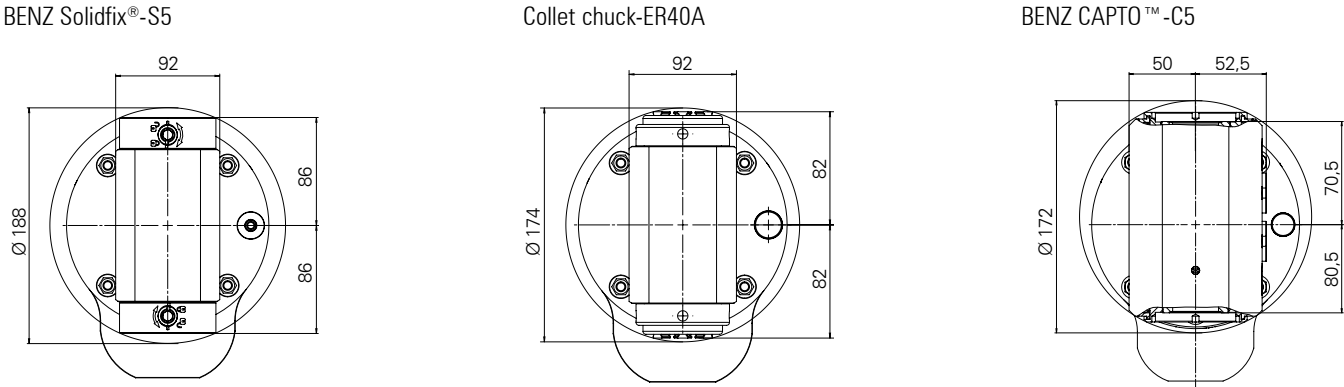
+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52	0	
	HSK-A100	55	1,9
	Capto C6 SK40 CAT40	45	0,1
	Capto C8	45	1,0
	SK50 CAT50	45	2,2
	BT40	53	0,5
	BT50	60	3,5

TECHNICAL DATA



OUTPUT SPINDLE



 technical data for other output spindles on request

FRONT HEAD

Type Size	Technical data		
	L1 [mm]	L2 [mm]	
15	155	85,5	14,7
	225	155,5	16,9
	298	228,5	19,2

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
S5	40	0	
	ER40A	40	0
	C5	44	5,5

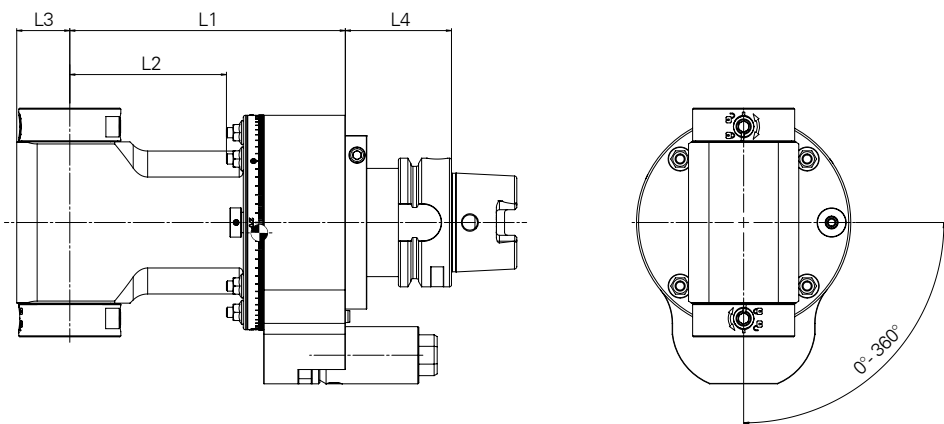
+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A100	55	0	
	Capto C8	45	-0,8
	SK50 CAT50	45	0,3
	BT50	60	2,9

ANGLE HEAD DUO WZX

NOTES

TECHNICAL DATA



20

M_{max}

230 Nm

i

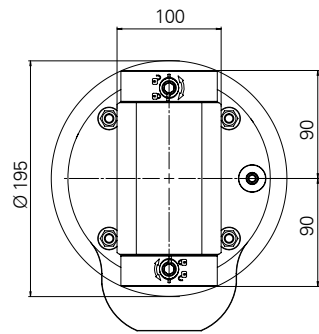
1:1

n_{max}

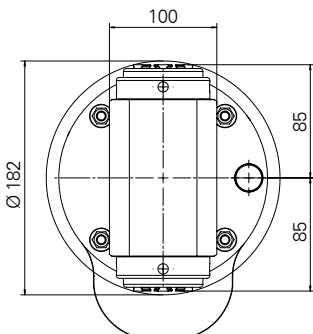
3.000 rpm

OUTPUT SPINDLE

BENZ Solidfix®-S5



Collet chuck-ER40A



technical data for other output spindles on request

FRONT HEAD

Type Size	Technical data		
	L1 [mm]	L2 [mm]	KG
20	171	101	18
	241	171	20,3
	311	241	24,1

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	KG	+
S5	45	0,5	
ER40A	45	0	

+TAPER

Type Size	Technical data		
	L4 [mm]	KG	+
HSK-A100	55	0	
Capto C8	45	-0,8	
SK50 CAT50	45	0,3	
BT50	60	1,9	