

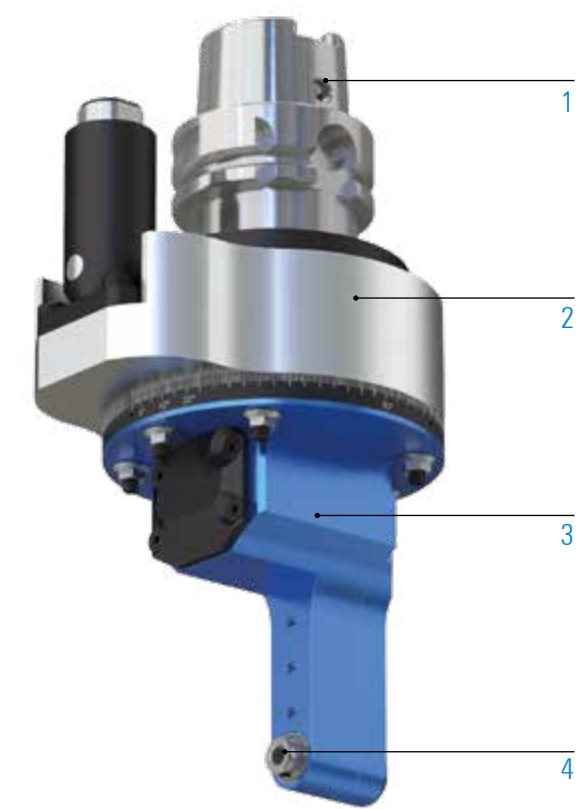
ANGLE HEAD SLIM WGX-S

ANGLE HEAD 90° – EXTREMELY NARROW DESIGN

Angle head for machining for extreme spatial constraint / maximum useable tool length

Product version: external cooling (EC)

Feasible on request: internal cooling (IC) or EC/IC combination



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

4 OUTPUT SPINDLE



Nann-
Collet chuck



Whistle
Notch

MACHINING



drilling



tapping

SPECIFICATIONS



amount of
output spindles



axis angle



change the
angle head



grease lubrication



without cooling



external cooling



internal cooling
(on request)

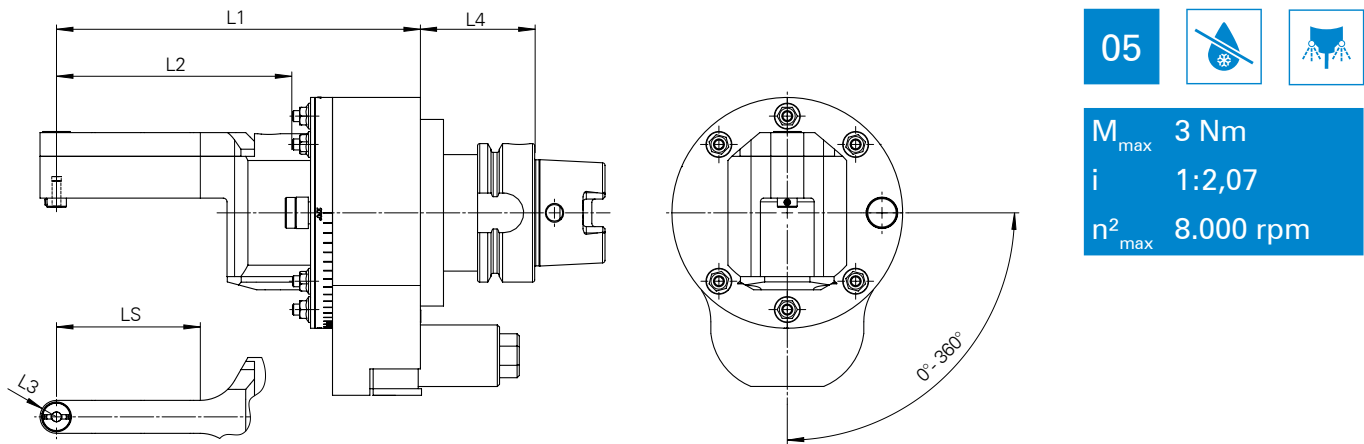


external / internal
cooling (on request)

ANGLE HEAD

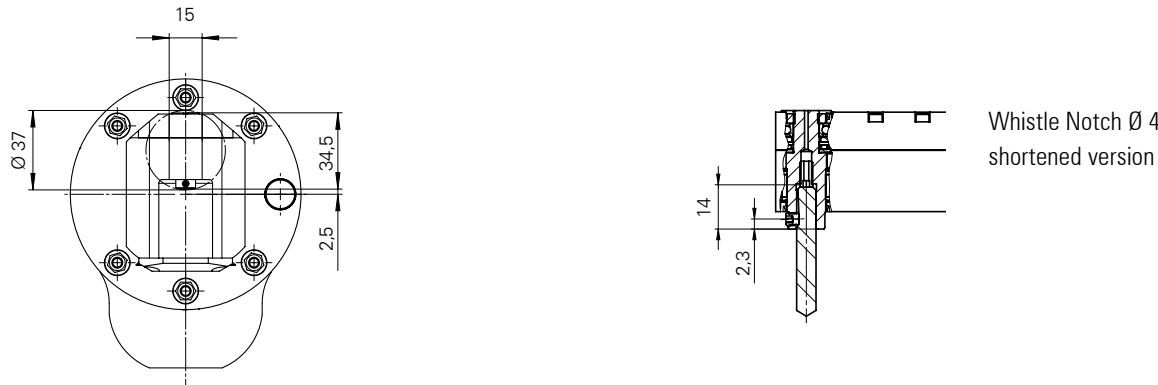
SLIM WGX-S (WHISTLE NOTCH SIMILAR DIN1835-E)

TECHNICAL DATA



OUTPUT SPINDLE

WHISTLE-NOTCH Ø 4



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	L2 [mm]	LS [mm]	
05 / L3=7,5	166	107	65	5,1

+OUTPUT SPINDLE

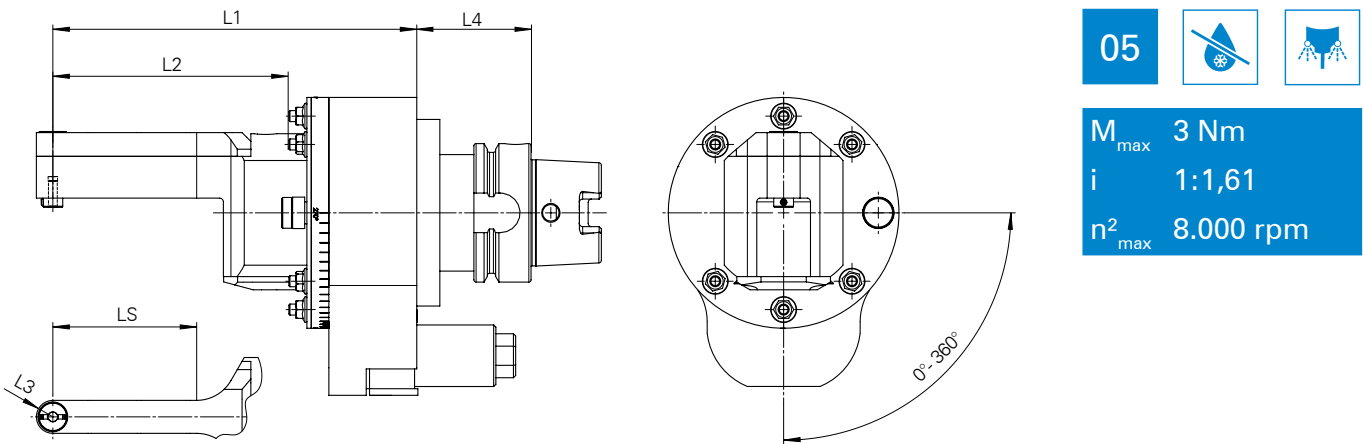
Type Size	Technical data		
	L3 [mm]	+	
WNØ4/U1	7,5	0	

+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52	0	
HSK-A100	55	1,7	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	1,0	
SK50 CAT50	45	2,2	
BT40	53	0,4	
BT50	60	3,5	

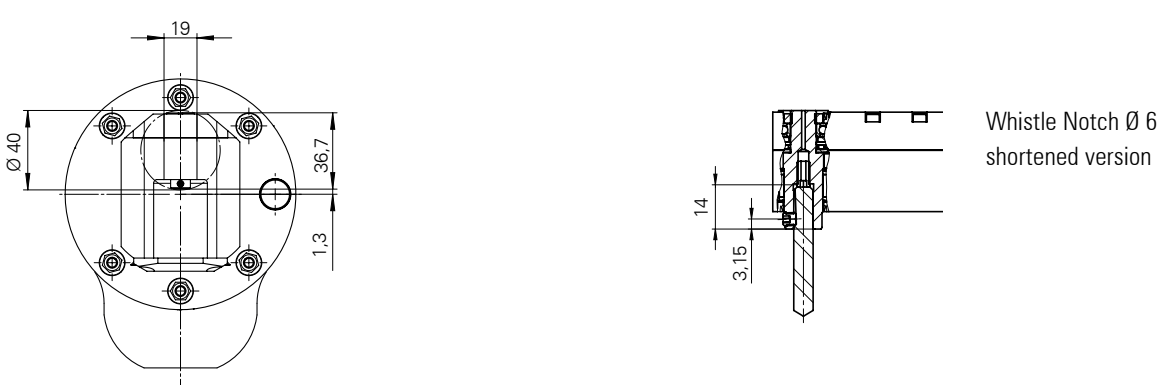
SLIM WGX-S (WHISTLE NOTCH)

TECHNICAL DATA



OUTPUT SPINDLE

WHISTLE-NOTCH Ø 6



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	L2 [mm]	LS [mm]	
L3=9,5	172	113	73	5,2

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
WNØ6/U3	9,5	0	

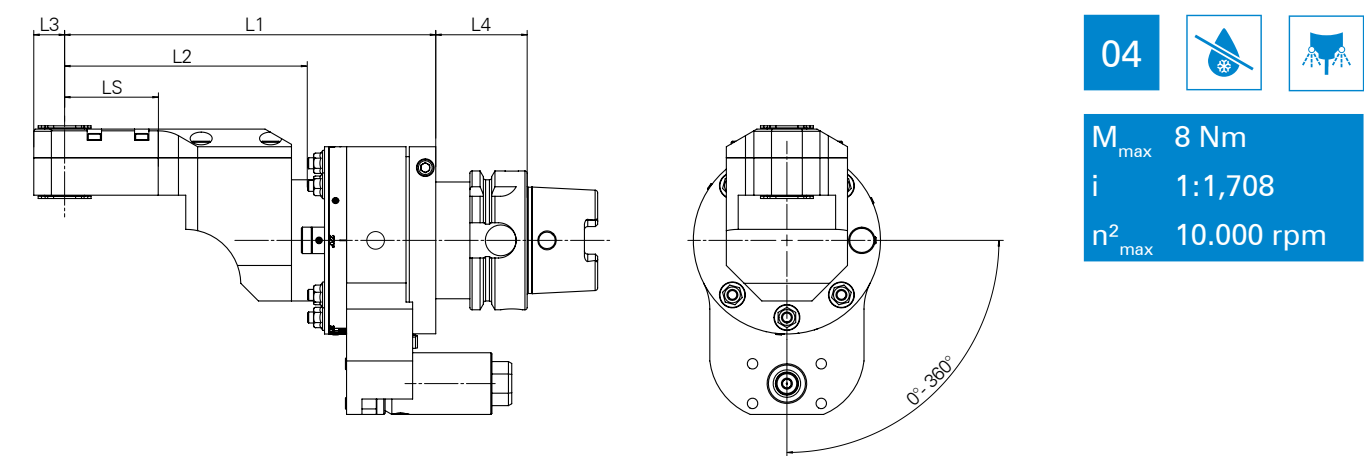
+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52	0	
HSK-A100	55	1,7	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	1,0	
SK50 CAT50	45	2,2	
BT40	53	0,4	
BT50	60	3,5	

ANGLE HEAD

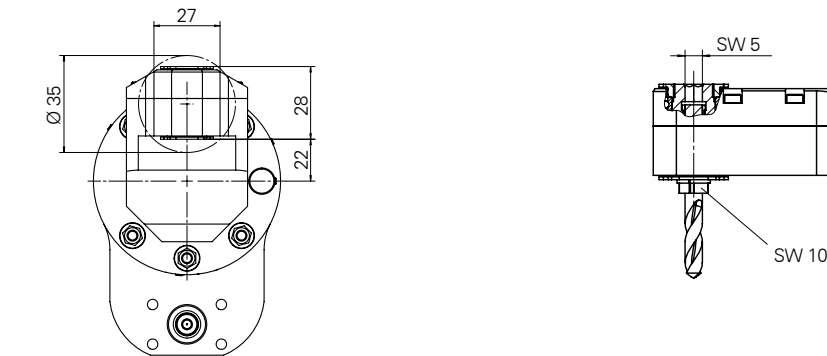
SLIM WG-S (NANN COLLET CHUCK)

TECHNICAL DATA



OUTPUT SPINDLE

NANN COLLET CHUCK
Clamping range 1-4 mm



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	L2 [mm]	LS [mm]	
04 /	154	103	50	3,7
L3=11,5	199	148	95	3,8
	244	193	140	3,9

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
EE0-1-4 / 6043E*	11,5	0	

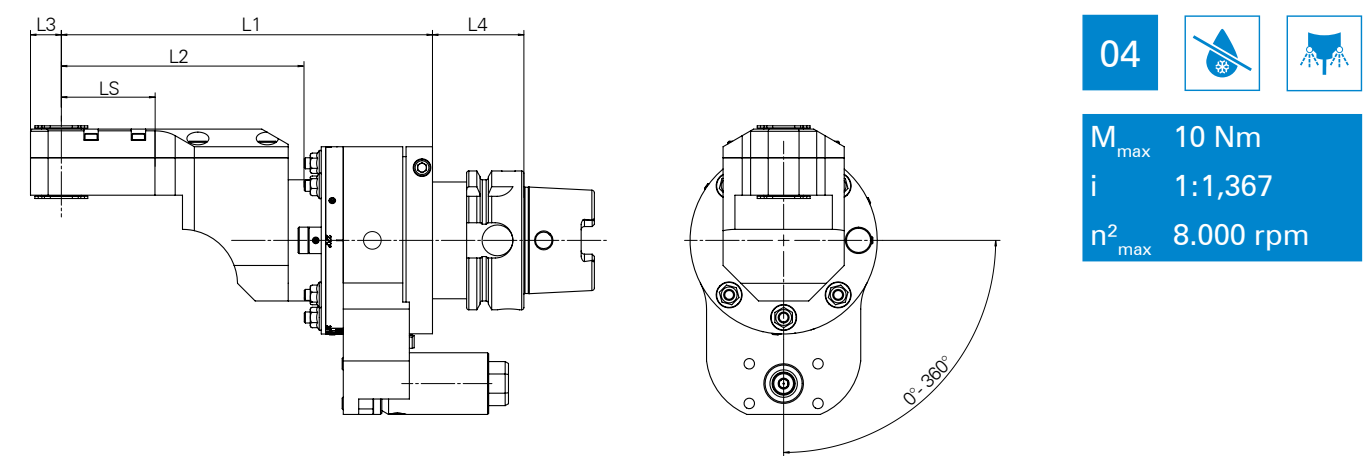
+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52	0	
HSK-A100	55	1,5	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	0,9	
SK50 CAT50	45	2	
BT40	53	0,4	
BT50	60	3,3	

* Collet-Ø available in 0,1mm steps

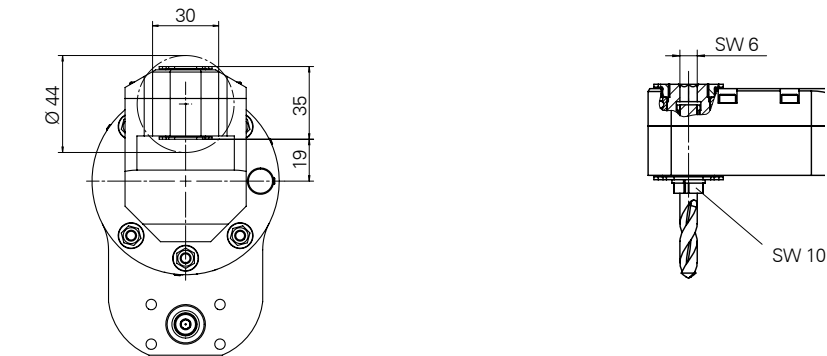
SLIM WG-S (NANN COLLET CHUCK)

TECHNICAL DATA



OUTPUT SPINDLE

NANN COLLET CHUCK
Clamping range 1-6 mm



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	L2 [mm]	LS [mm]	
04 /	158	108	57	3,7
L3=14	205	153	103	3,8
	251	205	149	3,9

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
E00-1-6 / E603E-3*	14	0	

+TAPER

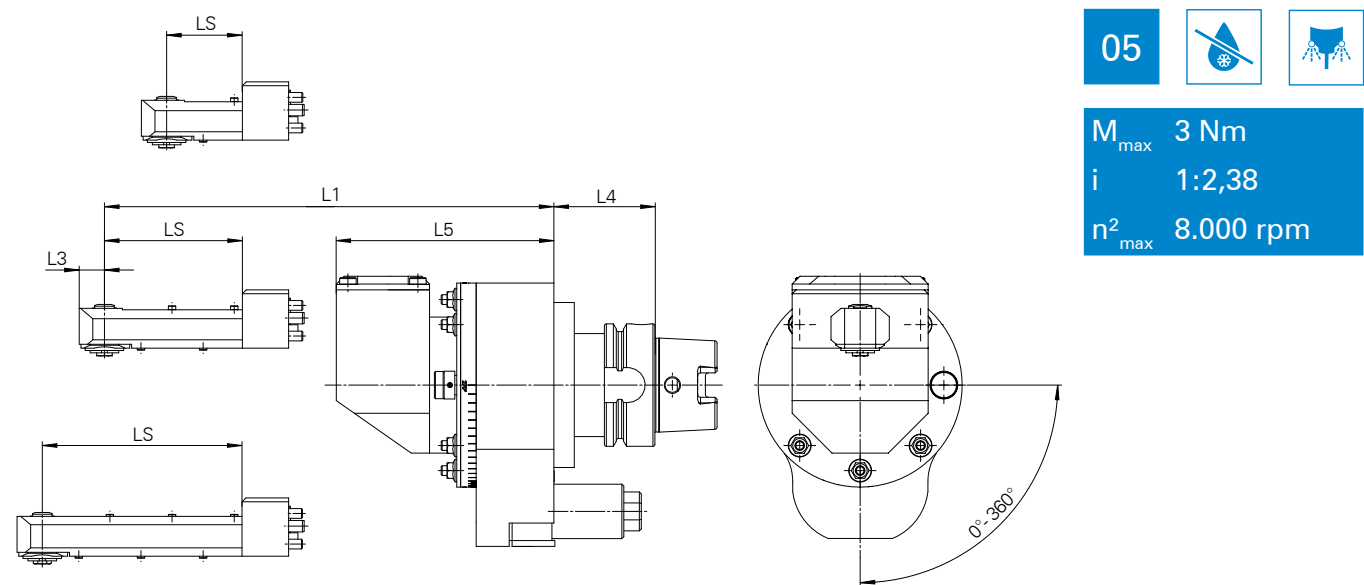
Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52	0	
HSK-A100	55	1,5	
Capto C6 SK40 CAT40	45	0,1	
Capto C8	45	0,9	
SK50 CAT50	45	2	
BT40	53	0,4	
BT50	60	3,3	

* Collet-Ø available in 0,1mm steps

ANGLE HEAD

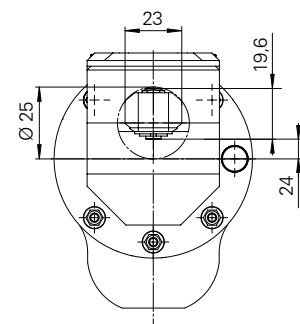
SLIM WGX-S (SCREW-IN CUTTING TOOL)

TECHNICAL DATA

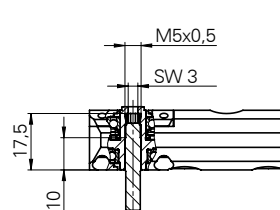


OUTPUT SPINDLE

Special admission



Tool fitting dimensions



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	LS [mm]	L5 [mm]	
05 /	167	31	112	6,4
Ø=25	193	57	112	6,5
	232	96	112	6,6

+OUTPUT SPINDLE

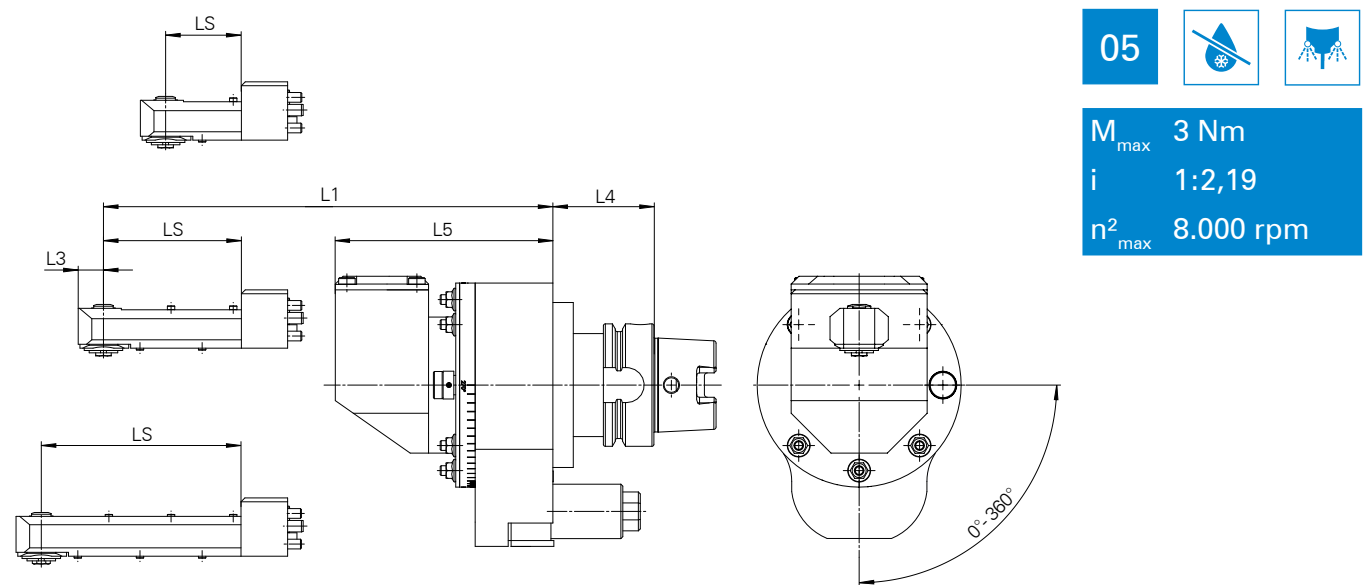
Type Size	Technical data		
	L3 [mm]	+	
Ø=5	12,5		0

+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52		0
HSK-A100	55		1,7
Capto C6 SK40 CAT40	45		0,1
Capto C8	45		1,0
SK50 CAT50	45		2,2
BT40	53		0,4
BT50	60		3,5

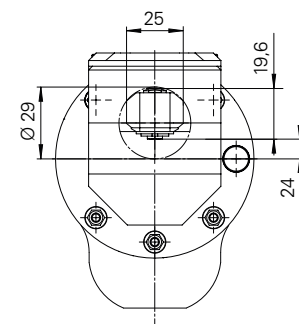
SLIM WGX-S (SCREW-IN CUTTING TOOL)

TECHNICAL DATA

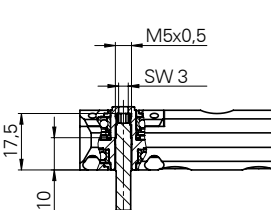


OUTPUT SPINDLE

Special admission



Tool fitting dimensions



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	LS [mm]	L5 [mm]	
05 /	168	32	112	6,4
Ø=29	207	71	112	6,5
	233	97	112	6,6

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
Ø=5	13,5		0

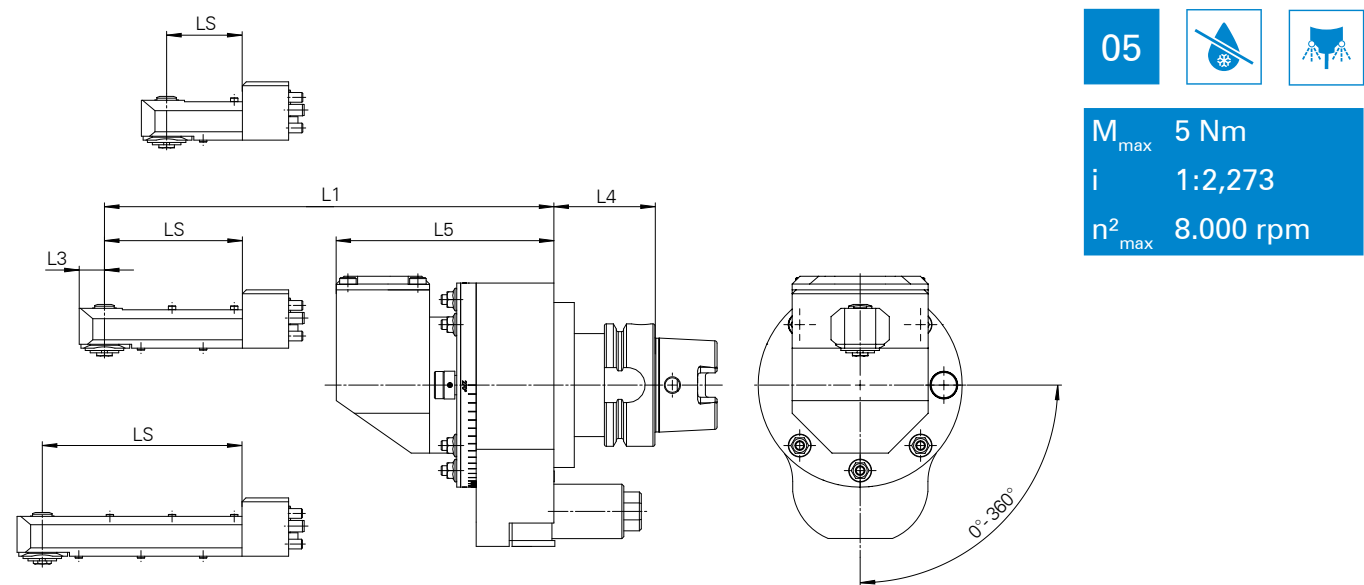
+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52		0
HSK-A100	55		1,7
Capto C6 SK40 CAT40	45		0,1
Capto C8	45		1,0
SK50 CAT50	45		2,2
BT40	53		0,4
BT50	60		3,5

ANGLE HEAD

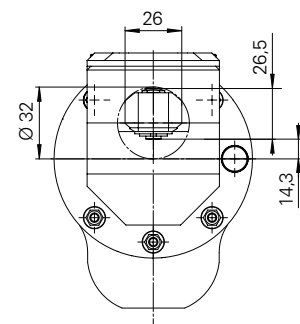
SLIM WGX-S (SCREW-IN CUTTING TOOL)

TECHNICAL DATA

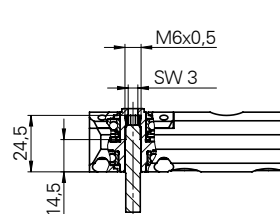


OUTPUT SPINDLE

Special admission



Tool fitting dimensions



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	LS [mm]	L5 [mm]	
05 / Ø=32	173	37	112	3,8
	205	69	112	4
	231	95	112	1,2

+OUTPUT SPINDLE

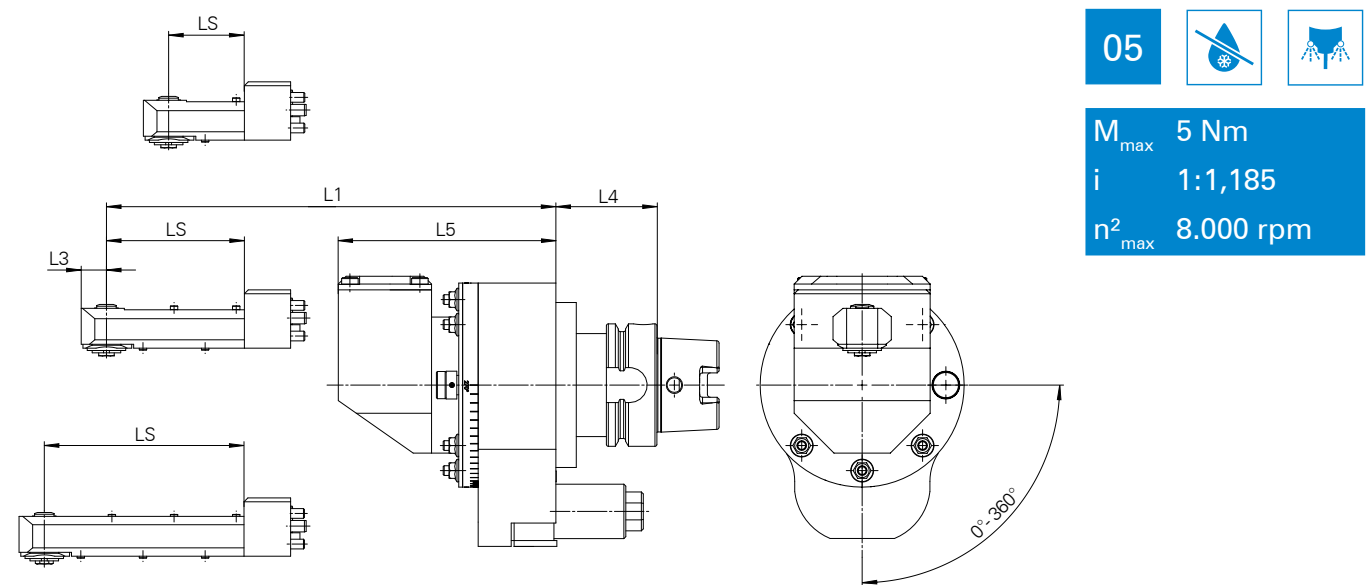
Type Size	Technical data		
	L3 [mm]	+	
Ø=6	12		0

+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52		0
HSK-A100	55		1,7
Capto C6 SK40 CAT40	45		0,1
Capto C8	45		1,0
SK50 CAT50	45		2,2
BT40	53		0,4
BT50	60		3,5

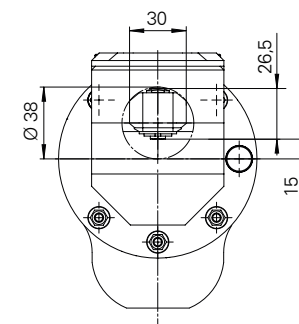
SLIM WGX-S (SCREW-IN CUTTING TOOL)

TECHNICAL DATA

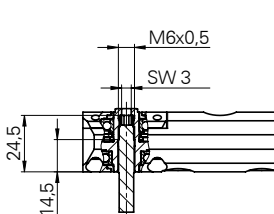


OUTPUT SPINDLE

Special admission



Tool fitting dimensions



FRONT HEAD

Type Size	Technical data			
	L1 [mm]	LS [mm]	L5 [mm]	
05 / Ø=38	175	39	112	6,5
	207	71	112	6,6
	239	103	112	6,8

+OUTPUT SPINDLE

Type Size	Technical data		
	L3 [mm]	+	
Ø=6	13		0

+TAPER

Type Size	Technical data		
	L4 [mm]	+	
HSK-A63	52		0
HSK-A100	55		1,7
Capto C6 SK40 CAT40	45		0,1
Capto C8	45		1,0
SK50 CAT50	45		2,2
BT40	53		0,4
BT50	60		3,5