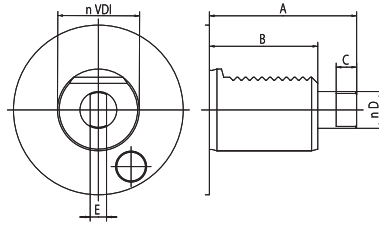


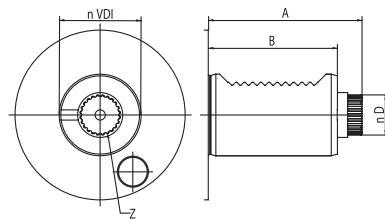
**TOOL HOLDERS**

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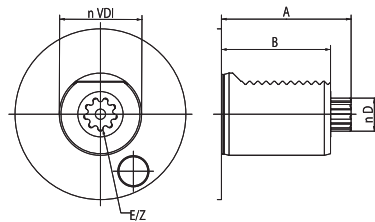
**DRIVEN**

**DIN 1809**


VDI	A	B	C	D	E
30	62	45	8	12	6
40	72	53	10	18	8
50	91	78	13	24	13

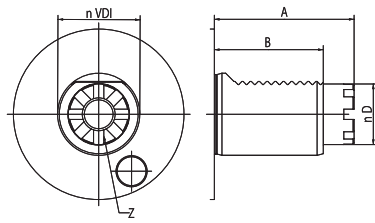
**DIN 5480**


VDI	A	B	D	Z
30	67	55	15.8	18
40	75	63	19.8	24
50	93	78	23.8	18

**DIN 5482**


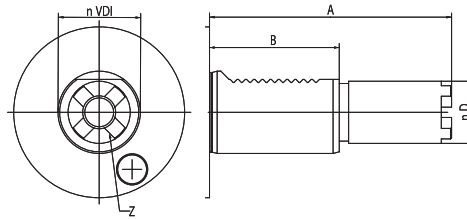
VDI	A	B	D	E	Z
30	55	45	14.5	B15×12	8
40	63	53	16.5	B17×14	9
50	93	78	19.5	B20×17	11

TOEM BARUFFALDI



VDI	A	B	D	Z
30	59	45/53	24	6
40	68	53	32	8
50	84	70	40	8

HAAS



VDI	A	B	D	Z	TIPE
40	104.85	63	30.2	4	1
40	117.55	63	30.2	4	2
40	130.25	63	30.2	4	3

# DRIVEN TOOLING SYSTEM

## DRIVEN 工具系统


DIN1809 DA DRIVEN HEAD.....	004
轴向钻铣动力刀座 .....	004
DIN1809 DR DRIVEN HEAD.....	005
径向钻铣动力刀座 .....	005
DIN1809 DA DRIVEN HEAD .....	006
轴向钻铣动力刀座 .....	006
DIN1809 DR DRIVEN HEAD .....	007
径向钻铣动力刀座 .....	007
DIN1809 DOA DRIVEN HEAD.....	008
轴向偏心钻铣动力刀座 .....	008
DIN1809 DOR DRIVEN HEAD.....	009
径向偏心钻铣动力刀座 .....	009
DIN5480 DA DRIVEN HEAD.....	010
轴向钻铣动力刀座 .....	010
DIN5480 DR DRIVEN HEAD.....	011
径向钻铣动力刀座 .....	011
DIN5480 DOA DRIVEN HEAD.....	012
轴向偏心钻铣动力刀座 .....	012
DIN5480 DOR DRIVEN HEAD .....	013
径向偏心钻铣动力刀座 .....	013
DIN5482 DA DRIVEN HEAD.....	014
轴向钻铣动力刀座 .....	014
DIN5482 DR DRIVEN HEAD .....	015
径向钻铣动力刀座 .....	015
DIN5482 DOA DRIVEN HEAD .....	016
轴向偏心钻铣动力刀座 .....	016
DIN5482 DOR DRIVEN HEAD .....	017
径向偏心钻铣动力刀座 .....	017
TOEM BARUFFALDI DA DRIVEN HEAD.....	018
轴向钻铣动力刀座 .....	018
TOEM BARUFFALDI DA DRIVEN HEAD.....	019
径向钻铣动力刀座 .....	019
TOEM BARUFFALDI DA DRIVEN HEAD.....	020
轴向偏心钻铣动力刀座 .....	020
DTOEM BARUFFALDI DA DRIVEN HEAD.....	021
径向偏心钻铣动力刀座 .....	021
STEPPED HAASDA DRIVEN HEAD.....	022
轴向钻铣动力刀座 .....	022
STEPPED HAASDA DRIVEN HEAD.....	023
径向钻铣动力刀座 .....	023
STEPPED HAAS DOA DRIVEN HEAD.....	024
轴向偏心钻铣动力刀座 .....	024
STEPPED HAAS DOR DRIVEN HEAD.....	025
径向偏心钻铣动力刀座 .....	025



**DRIVEN**

## BMT Axial Driven Head, DIN 1809

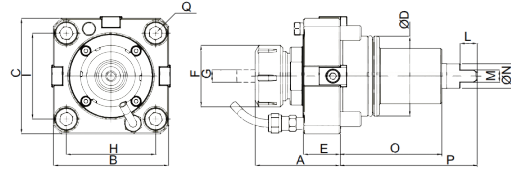
### 轴向钻铣动力刀座



DIN1809

RPM  
6000

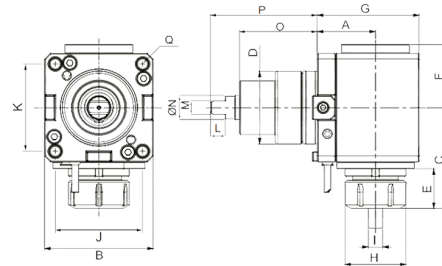
I (rev.)  
1:1



Size	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
BMT55-DAER25-56.7	56.7	85	85	55	29	42	ER25	64	64	10	8	17	75	103.5	M10
BMT65-DAER32-68.4	68.5	94	94	65	30	50	ER32	73	70	14	10	20	81	111.5	M12
BMT75-DAER40-78	78	112	112	75	30	63	ER40	90	90	15	14	23	80	110	M12
BMT85-DAER50-108	108	125	125	85	44	78	ER50	100	100	20	16	27.5	96	136	M12

**BMT Radial Driven Head, DIN 1809**  
 径向钻铣动力刀座

<b>DIN1809</b>	<b>RPM</b> 6000	<b>I (rev.)</b> 1:1
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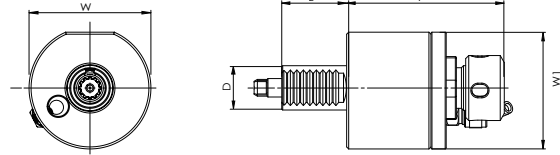


Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
BMT55-DRER25-60	60	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT55-DRER25-70	70	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT55-DRER25-85	85	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT65-DRER32-72	72	94	92	65	36	54.5	108	50	ER32	73	70	14	10	20	81	111.5	M12
BMT65-DRER32-100	100	94	92	65	36	54.5	136	50	ER32	73	70	14	10	20	81	111.5	M12
BMT75-DRER40-60	60	112	104	75	41	65	105	63	ER40	90	90	15	14	23	80	110	M12
BMT75-DRER40-90	90	112	104	75	41	65	135	63	ER40	90	90	15	14	23	80	110	M12
BMT75-DRER40-125	125	112	104	75	41	65	170	63	ER40	90	90	15	14	23	80	110	M12
BMT85-DRER40-110	110	125	134.8	85	54.3	75.5	160	78	ER50	100	100	20	16	27.5	96	136	M12

## VDI Axial Driven Head, DIN 1809

### 轴向钻铣动力刀座

DIN1809	RPM 6000	I (rev.) 1:1
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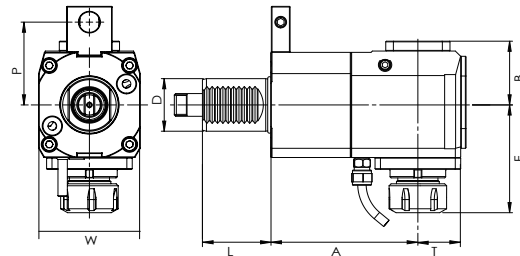


Size	VDI	Collet	F	L	W	W1	Nm	Internal Cooling
VDI30-DAER25-87	30	ER25	87	45	64	68	28	no
VDI30-DAER25K-87	30	ER25	87	45	64	68	28	yes
VDI40-DAER25-105	40	ER25	105	53	80	86	50	no
VDI40-DAER25K-105	40	ER25	105	53	80	86	50	yes
VDI40-DAER32-108	40	ER32	108	53	80	86	50	no
VDI40-DAER32K-108	40	ER32	108	53	80	86	50	yes
VDI40-DAER32-95	40	ER32	95	53	80	86	50	no
VDI40-DAER32K-95	40	ER32	95	53	80	86	50	yes

## VDI Radial Driven Head, DIN 1809

### 径向钻铣动力刀座

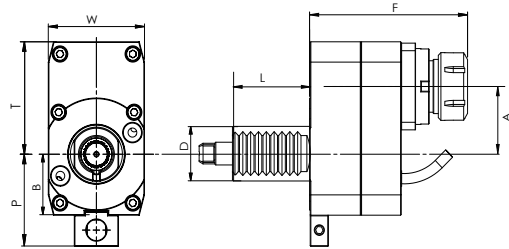
DIN1809	RPM 6000	I (rev.) 1:1
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Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Internal Cooling	Direction
VDI30-DRER25-55	30	ER25	55	48	63	45	48	29	64	28	no	right
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	29	64	28	yes	right
VDI40-DRER25-80	40	ER25	80	59	70	53	71	36	75	50	no	right
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	36	75	50	yes	right
VDI40-DRER32-80	40	ER32	80	59	74	53	71	36	75	50	no	right
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	36	75	50	yes	right
VDI40-DRER25-100	40	ER25	100	59	70	53	-	36	75	50	no	left
VDI40-DRER25K-100	40	ER25	100	62	70	53	-	36	75	50	yes	left
VDI40-DRER32-100	40	ER32	100	59	74	53	-	36	75	50	no	left
VDI40-DRER32K-100	40	ER32	100	62	74	53	-	36	75	50	yes	left

**VDI Axial Driven Head, Offset, DIN 1809**  
**轴向偏心钻铣动力刀座**

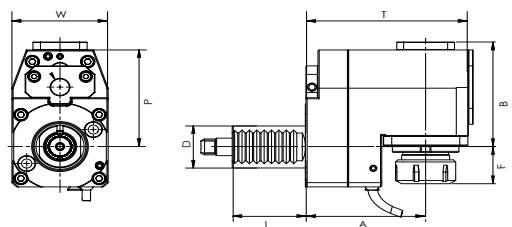
	RPM	I (rev.)
DIN1809	12000	1:2



Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling
VDI30-DOAER25-50-106	30	ER25	50	40	106	45	48	90	78	14	EXT

**VDI Radial Driven Head, Offset, DIN 1809**  
**径向偏心钻铣动力刀座**

	I (rev.)
DIN1809	1:1



Size	VDI	Collet	A	B	F	L	P	T	W	Nm	RPM	Cooling
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	6000	no
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	6000	yes
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	120	75	60	4000	no
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	120	75	60	4000	yes
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	120	75	60	4000	no
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	120	75	60	4000	yes

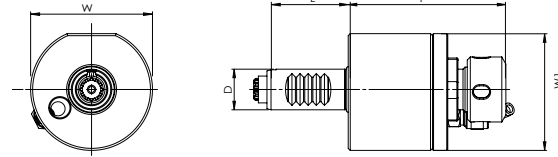
**DRIVEN**



## VDI Axial Driven Head, DIN 5480

### 轴向钻铣动力刀座

DIN5480	RPM 6000	I (rev.) 1:1
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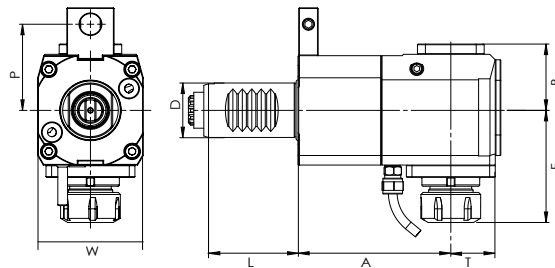


Size	VDI	Collet	F	L	W	W1	Nm	Internal Cooling
VDI30-DAER25-87	30	ER25	87	55	62	69	28	no
VDI30-DAER25K-87	30	ER25	87	55	62	69	28	yes
VDI40-DAER25-105	40	ER25	105	63	76	94	50	no
VDI40-DAER25K-105	40	ER25	105	63	76	94	50	yes
VDI40-DAER32-108	40	ER32	108	63	76	94	50	no
VDI40-DAER32K-108	40	ER32	108	63	76	94	50	yes

## VDI Radial Driven Head, DIN 5480

### 径向钻铣动力刀座

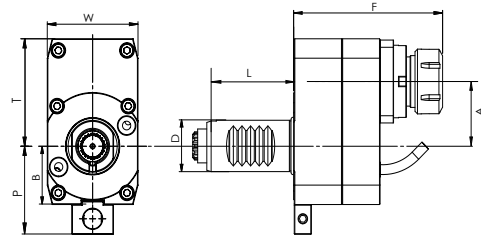
DIN5480	RPM 6000	I (rev.) 1:1
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Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Internal Cooling	Direction
VDI30-DRER25-55	30	ER25	55	48	63	55	56	26	64	28	no	right
VDI30-DRER25K-55	30	ER25	55	51	63	55	56	26	64	28	yes	right
VDI30-DRER25-85	30	ER25	85	48	63	55	56	26	64	28	no	right
VDI30-DRER25K-85	30	ER25	85	51	63	55	56	26	64	28	yes	right
VDI30-DRER25-100	30	ER25	100	48	63	55	56	29	64	28	no	right
VDI30-DRER25K-100	30	ER25	100	51	63	55	56	29	64	28	yes	right
VDI40-DRER25-80	40	ER25	80	59	70	63	65	33	75	50	no	right
VDI40-DRER25K-80	40	ER25	80	62	70	63	65	33	75	50	yes	right
VDI40-DRER25-100	40	ER25	100	59	70	63	65	33	75	50	no	right
VDI40-DRER25K-100	40	ER25	100	62	70	63	65	33	75	50	yes	right
VDI40-DRER32-80	40	ER32	80	59	74	63	65	33	75	50	no	right
VDI40-DRER32K-80	40	ER32	80	62	74	63	65	33	75	50	yes	right
VDI40-DRER32-100	40	ER32	100	59	74	63	65	33	75	50	no	right
VDI40-DRER32K-100	40	ER32	100	62	74	63	65	33	75	50	yes	right

**VDI Axial Driven Head, Offset, DIN 5480**  
**轴向偏心钻铣动力刀座**

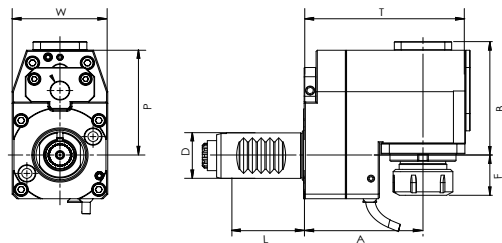
	RPM	I (rev.)
DIN5480	12000	1:2



Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling
VDI30-DOAER25-50-102	30	ER25	50	47	102	55	56	90	78	14	EXT

**VDI Radial Driven Head, Offset, DIN 5480**  
**径向偏心钻铣动力刀座**

	RPM	I (rev.)
DIN5480	6000	1:1



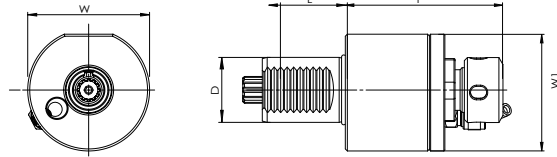
Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling
VDI30-DORER25-75-39.8	30	ER25	75	71	39.8	55	56	101	64	28	EXT
VDI30-DORER25K-75-39.8	30	ER25	75	73.5	39.8	55	56	101	64	28	EXT+INT
VDI40-DORER25-120-36.6	40	ER25	120	92.2	36.6	63	65	153	75	50	EXT
VDI40-DORER25K-120-36.6	40	ER25	120	95.2	36.6	63	65	153	75	50	EXT+INT
VDI40-DORER32-120-40.6	40	ER32	120	92.2	40.6	63	65	153	75	50	EXT
VDI40-DORER32K-120-40.6	40	ER32	120	95.2	40.6	63	65	153	75	50	EXT+INT

**DRIVEN**

## VDI Axial Driven Head, DIN 5482

### 轴向钻铣动力刀座

DIN5482	RPM 6000	I (rev.) 1:1
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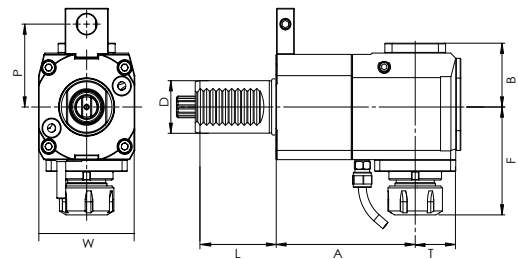


Size	VDI	Collet	F	L	W	W1	Nm	Internal Cooling
VDI30-DAER25-87	30	ER25	87	45	62	69	28	no
VDI30-DAER25K-87	30	ER25	87	45	62	69	28	yes
VDI40-DAER25-105	40	ER25	105	53	76	94	50	no
VDI40-DAER25K-105	40	ER25	105	53	76	94	50	yes
VDI40-DAER32-108	40	ER32	108	53	76	94	50	no
VDI40-DAER32K-108	40	ER32	108	53	76	94	50	yes

## VDI Radial Driven Head, DIN 5482

### 径向钻铣动力刀座

DIN5482	RPM 6000	I (rev.) 1:1
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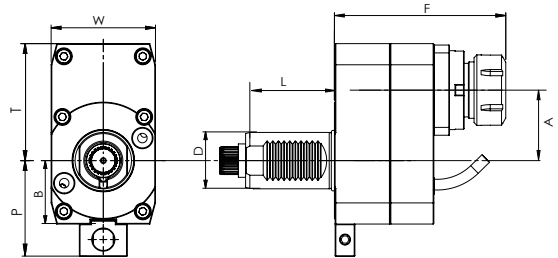


Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Internal Cooling	Direction
VDI30-DRER25-55	30	ER25	55	48	63	45	48	26	64	28	no	right
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	26	64	28	yes	right
VDI40-DRER25-80	40	ER25	80	59	70	53	71	33	75	50	no	right
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	33	75	50	yes	right
VDI40-DRER32-80	40	ER32	80	59	74	53	71	33	75	50	no	right
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	33	75	50	yes	right

**VDI Axial Driven Head, Offset, DIN 5482**  
**轴向偏心钻铣动力刀座**



DIN5482	RPM 12000	I (rev.) 1:2
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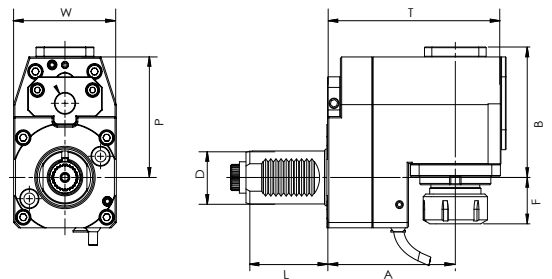


Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling
VDI30-DOAER25-50-102	30	ER25	50	40	102	45	48	90	78	14	EXT

**VDI Radial Driven Head, Offset, DIN 5482**  
**径向偏心钻铣动力刀座**



DIN 5482	I (rev.) 1:1
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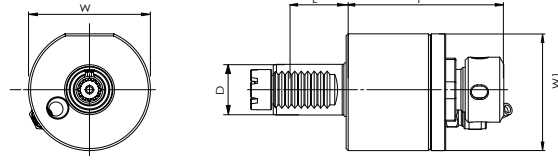


Size	VDI	Collet	A	B	F	L	P	T	W	Nm	RPM	Cooling
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	6000	no
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	6000	yes
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	125.5	75	60	4000	no
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	125.5	75	60	4000	yes
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	125.5	75	60	4000	no
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	125.5	75	60	4000	yes

**DRIVEN**

### VDI Axial Driven Head, TOEM 轴向钻铣动力刀座

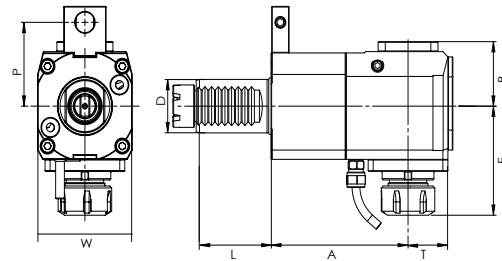
	RPM	I (rev.)
TOEM BARUFFALDI	6000	1:1



Size	VDI	Collet	F	L	W	W1	Nm	Internal Cooling	Z
VDI30-DAER25-87	30	ER25	87	45	64	68	28	no	6
VDI30-DAER25K-87	30	ER25	87	45	64	68	28	yes	6
VDI40-DAER25-105	40	ER25	105	53	80	86	50	no	8
VDI40-DAER25K-105	40	ER25	105	53	80	86	50	yes	8
VDI40-DAER32-108	40	ER32	108	53	80	86	50	no	8
VDI40-DAER32K-108	40	ER32	108	53	80	86	50	yes	8

### VDI Radial Driven Head, TOEM 径向钻铣动力刀座

	RPM	I (rev.)
TOEM BARUFFALDI	6000	1:1

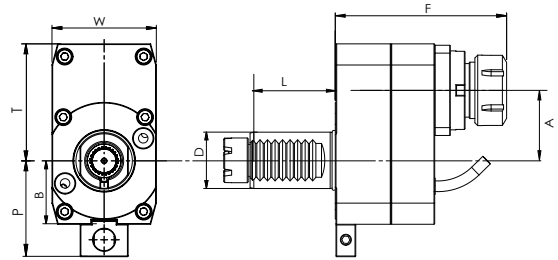


Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Internal Cooling	Direction	Z
VDI30-DRER25-55	30	ER25	55	48	63	45	48	29	64	28	no	right	6
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	29	64	28	yes	right	6
VDI40-DRER25-80	40	ER25	80	59	70	53	71	36	75	50	no	right	8
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	36	75	50	yes	right	8
VDI40-DRER32-80	40	ER32	80	59	74	53	71	36	75	50	no	right	8
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	36	75	50	yes	right	8

**VDI Axial Driven Head, Offset, TOEM**  
**轴向偏心钻铣动力刀座**



	RPM	I (rev.)
TOEM BARUFFALDI	12000	1:2

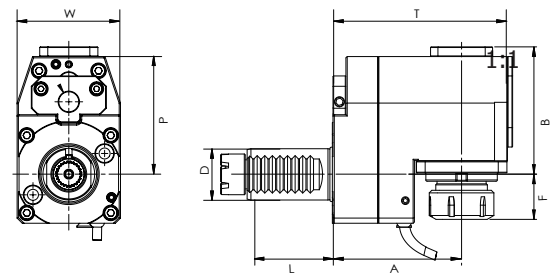


Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling	Z
VDI30-DOAER25-50-106	30	ER25	50	40	106	45	48	90	78	14	EXT	6

**VDI Radial Driven Head, Offset, TOEM**  
**径向偏心钻铣动力刀座**




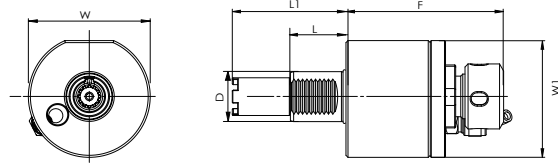
	RPM	I (rev.)
TOEM BARUFFALDI	6000	



Size	VDI	Collet	A	B	F	L	P	T	W	Nm	Cooling	Z
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	no	
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	yes	
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	120	75	60	no	
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	120	75	60	yes	6
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	120	75	60	no	6
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	120	75	60	yes	-
												-
												-
												-
												-


**VDI Axial Driven Head, STEPPED HAAS**
**轴向钻铣动力刀座**

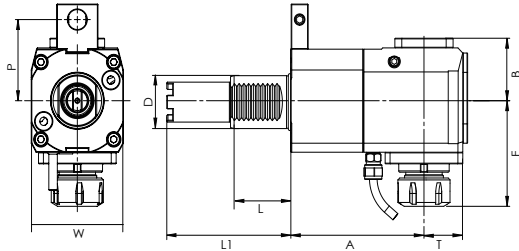
	RPM	I (rev.)
STEPPED HAAS	6000	1:1



Size	VDI	Collet	F	L	L1	W	W1	Nm	Internal Cooling
VDI40-DAER25-105	40	ER25	105	63	104.85	76	94	50	no
VDI40-DAER25K-105	40	ER25	105	63	104.85	76	94	50	yes
VDI40-DAER32-108	40	ER32	108	63	104.85	76	94	50	no
VDI40-DAER32K-108	40	ER32	108	63	104.85	76	94	50	yes
VDI40-DAER25-105L	40	ER25	105	63	117.55	76	94	50	no
VDI40-DAER25K-105L	40	ER25	105	63	117.55	76	94	50	yes
VDI40-DAER32-108L	40	ER32	108	63	117.55	76	94	50	no
VDI40-DAER32K-108L	40	ER32	108	63	117.55	76	94	50	yes
VDI40-DAER25-105EL	40	ER25	105	63	130.25	76	94	50	no
VDI40-DAER25K-105EL	40	ER25	105	63	130.25	76	94	50	yes
VDI40-DAER32-108EL	40	ER32	108	63	130.25	76	94	50	no
VDI40-DAER32K-108EL	40	ER32	108	63	130.25	76	94	50	yes

**VDI Radial Driven Head, STEPPED HAAS**  
**径向钻铣动力刀座**

 STEPPED HAAS	RPM 6000	I (rev.) 1:1
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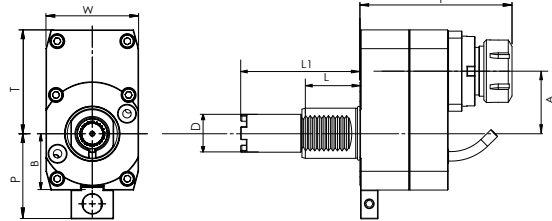
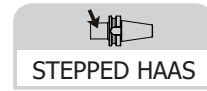
Size	VDI	Collet	A	B	F	L	L1	P	T	W	Nm	Internal Cooling	Direction
VDI40-DRER25-69	40	ER25	69	59	70	63	104.85	82	36	75	60	no	left
VDI40-DRER25K-69	40	ER25	69	62	70	63	104.85	82	36	75	50	yes	left
VDI40-DRER32-69	40	ER32	69	59	74	63	104.85	82	36	75	50	no	left
VDI40-DRER32K-69	40	ER32	69	62	74	63	104.85	82	36	75	50	yes	left
VDI40-DRER25-69L	40	ER25	69	59	70	63	117.55	82	36	75	50	no	left
VDI40-DRER25K-69L	40	ER25	69	62	70	63	117.55	82	36	75	50	yes	left
VDI40-DRER32-69L	40	ER32	69	59	74	63	117.55	82	36	75	50	no	left
VDI40-DRER32K-69L	40	ER32	69	62	74	63	117.55	82	36	75	50	yes	left
VDI40-DRER25-69EL	40	ER32	69	59	70	63	130.25	82	36	75	50	no	left
VDI40-DRER25K-69EL	40	ER25	69	62	70	63	130.25	82	36	75	50	yes	left
VDI40-DRER32-69EL	40	ER25	69	59	74	63	130.25	82	36	75	50	no	left
VDI40-DRER32K-69EL	40	ER32	69	62	74	63	130.25	82	36	75	50	yes	left
VDI40-DRER25-80	40	ER25	80	59	70	63	104.85	82	33	75	50	no	left
VDI40-DRER25K-80	40	ER25	80	62	70	63	104.85	82	33	75	50	yes	left
VDI40-DRER32-80	40	ER32	80	59	74	63	104.85	82	33	75	50	no	left
VDI40-DRER32K-80	40	ER32	80	62	74	63	104.85	82	33	75	50	yes	left
VDI40-DRER25-80L	40	ER25	80	59	70	63	117.55	82	33	75	50	no	left
VDI40-DRER25K-80L	40	ER25	80	62	70	63	117.55	82	33	75	50	yes	left
VDI40-DRER32-80L	40	ER32	80	59	74	63	117.55	82	33	75	50	no	left
VDI40-DRER32K-80L	40	ER32	80	62	74	63	117.55	82	33	75	50	yes	left
VDI40-DRER25-80EL	40	ER25	80	59	70	63	130.25	82	33	75	50	no	left
VDI40-DRER25K-80EL	40	ER25	80	62	70	63	130.25	82	33	75	50	yes	left
VDI40-DRER32-80EL	40	ER32	80	59	74	63	130.25	82	33	75	50	no	left
VDI40-DRER32K-80EL	40	ER32	80	62	74	63	130.25	82	33	75	50	yes	left

**DRIVEN**



## VDI Axial Driven Head, Offset, STEPPED HAAS

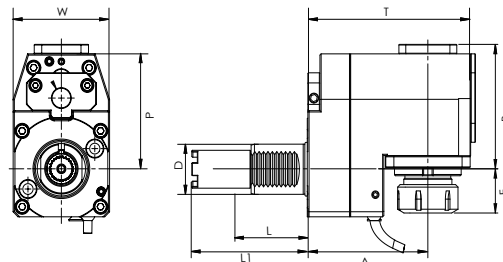
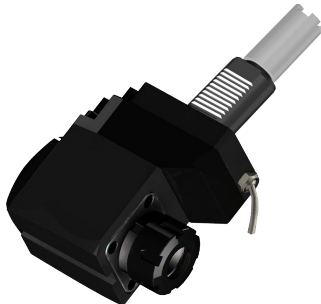
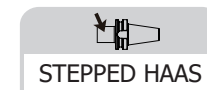
### 轴向偏心钻铣动力刀座



Size	VDI	Collet	A	F	L	L1	P	T	W	Cooling	Direction
VDI40-DOAER25-50-63	40	ER25	50	106	63	140.85	82	90	78	no	left
VDI40-DOAER25K-50-63	40	ER25	50	106	63	140.85	82	90	78	yes	left
VDI40-DOAER25-50-63L	40	ER25	50	106	63	117.55	82	90	78	no	left
VDI40-DOAER25K-50-63L	40	ER25	50	106	63	117.55	82	90	78	yes	left
VDI40-DOAER25-50-63EL	40	ER25	50	106	63	130.25	82	90	78	no	left
VDI40-DOAER25K-50-63EL	40	ER25	50	106	63	130.25	82	90	78	yes	left

## VDI Radial Driven Head, Offset, STEPPED HAAS

### 径向偏心钻铣动力刀座



Size	VDI	Collet	A	B	F	L	L1	P	T	W	Cooling	Direction
VDI40-DORER25-120-37	40	ER25	120	92	37	63	104.85	82	33	75	no	left
VDI40-DORER25K-120-37	40	ER25	120	95	37	63	104.85	82	33	75	yes	left
VDI40-DORER32-120-37	40	ER32	120	92	41	63	104.85	82	33	75	no	left
VDI40-DORER32K-120-37	40	ER32	120	95	41	63	104.85	82	33	75	yes	left
VDI40-DORER25-120-37L	40	ER25	120	92	37	63	117.55	82	33	75	no	left
VDI40-DORER25K-120-37L	40	ER25	120	95	37	63	117.55	82	33	75	yes	left
VDI40-DORER32-120-37L	40	ER32	120	92	41	63	117.55	82	33	75	no	left
VDI40-DORER32K-120-37L	40	ER32	120	95	41	63	117.55	82	33	75	yes	left
VDI40-DORER25-120-37EL	40	ER25	120	92	37	63	130.25	82	33	75	no	left
VDI40-DORER25K-120-37EL	40	ER25	120	95	37	63	130.25	82	33	75	yes	left
VDI40-DORER32-120-37EL	40	ER32	120	92	41	63	130.25	82	33	75	no	left
VDI40-DORER32K-120-37EL	40	ER32	120	95	41	63	130.25	82	33	75	yes	left