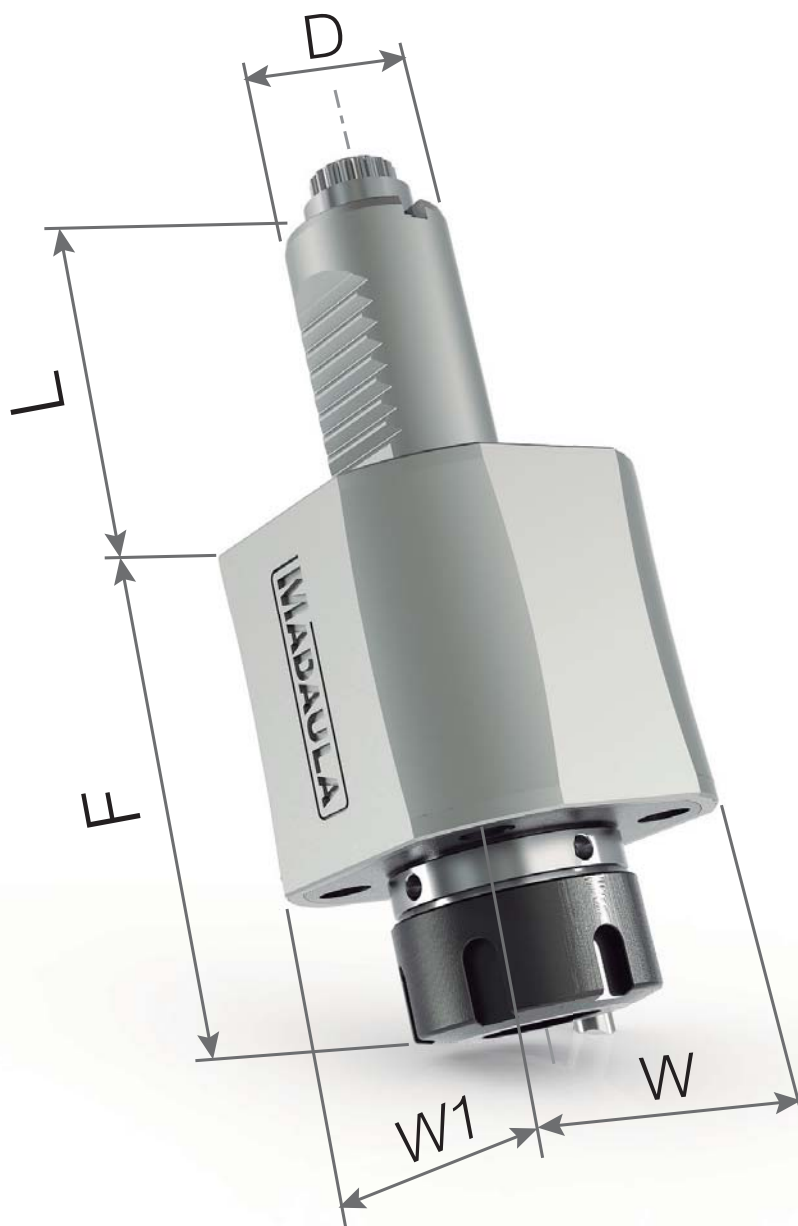
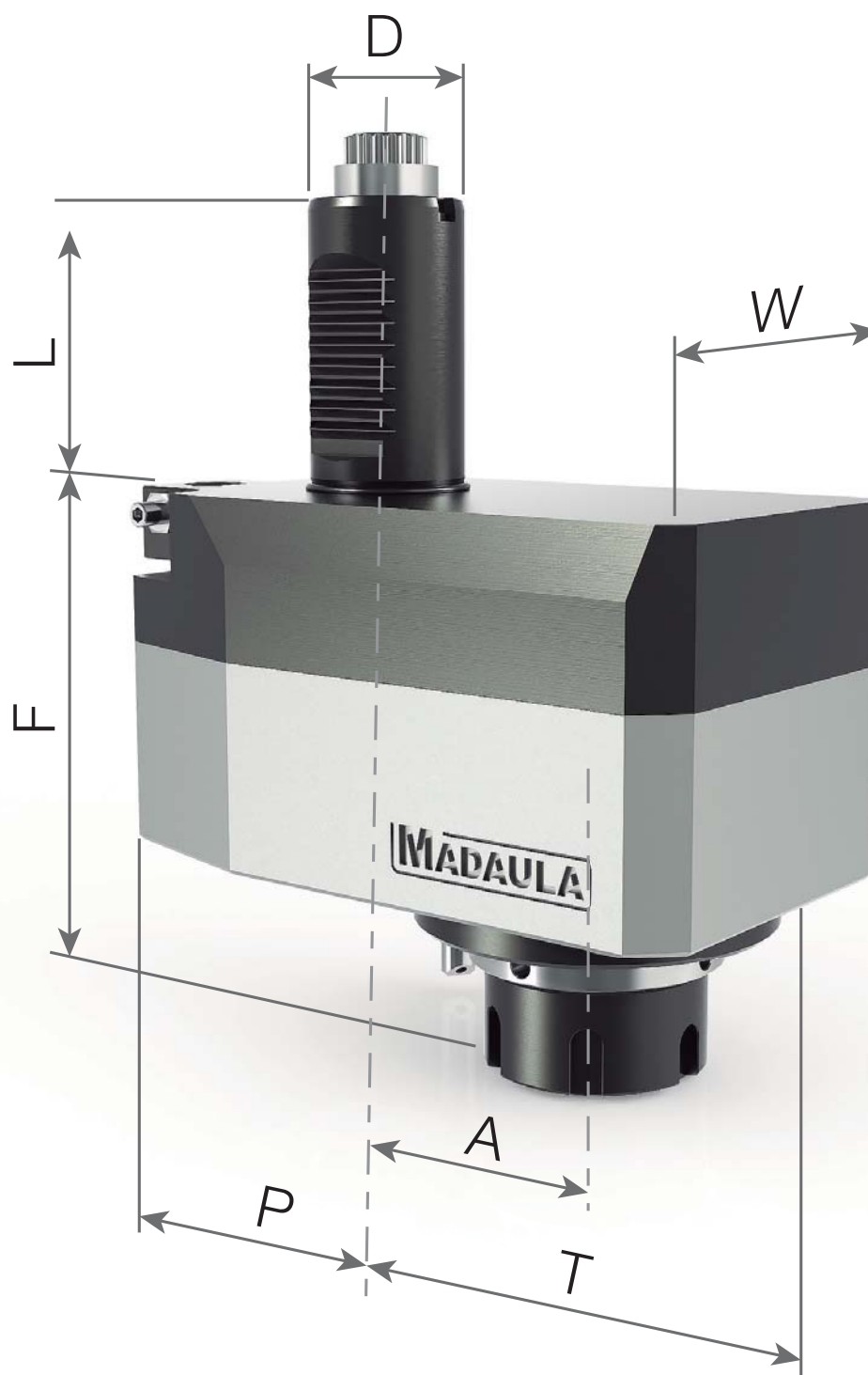




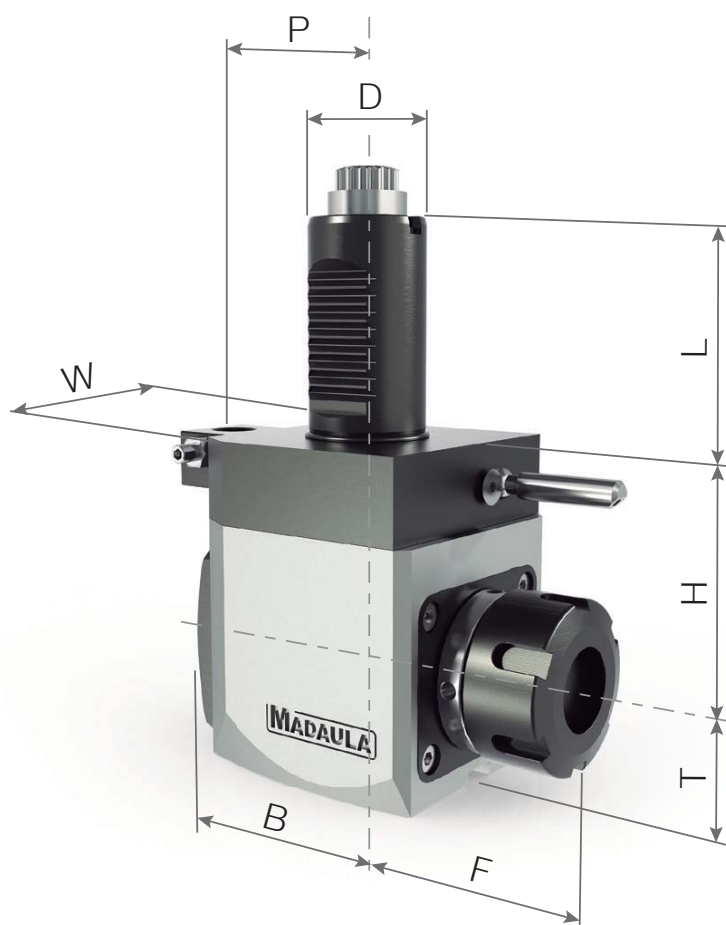
Code		D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	L mm	W mm	W1 mm
VDI-30	SA.000.3080	30	ER-25	6.000	1:1	28	-	89	55	64	68
	SA.005.3080	30	ER-25	6.000	1:1	28	20bar				
VDI-40	SA.000.4080-ER25	40	ER-25	6.000	1:1	50	-	105	64	80	86
	SA.000.4080-ER32	40	ER-32	6.000	1:1	50	-	108			
	SA.005.4080-ER25	40	ER-25	6.000	1:1	50	20bar	105			
	SA.005.4080-ER32	40	ER-32	6.000	1:1	50	20bar	108			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



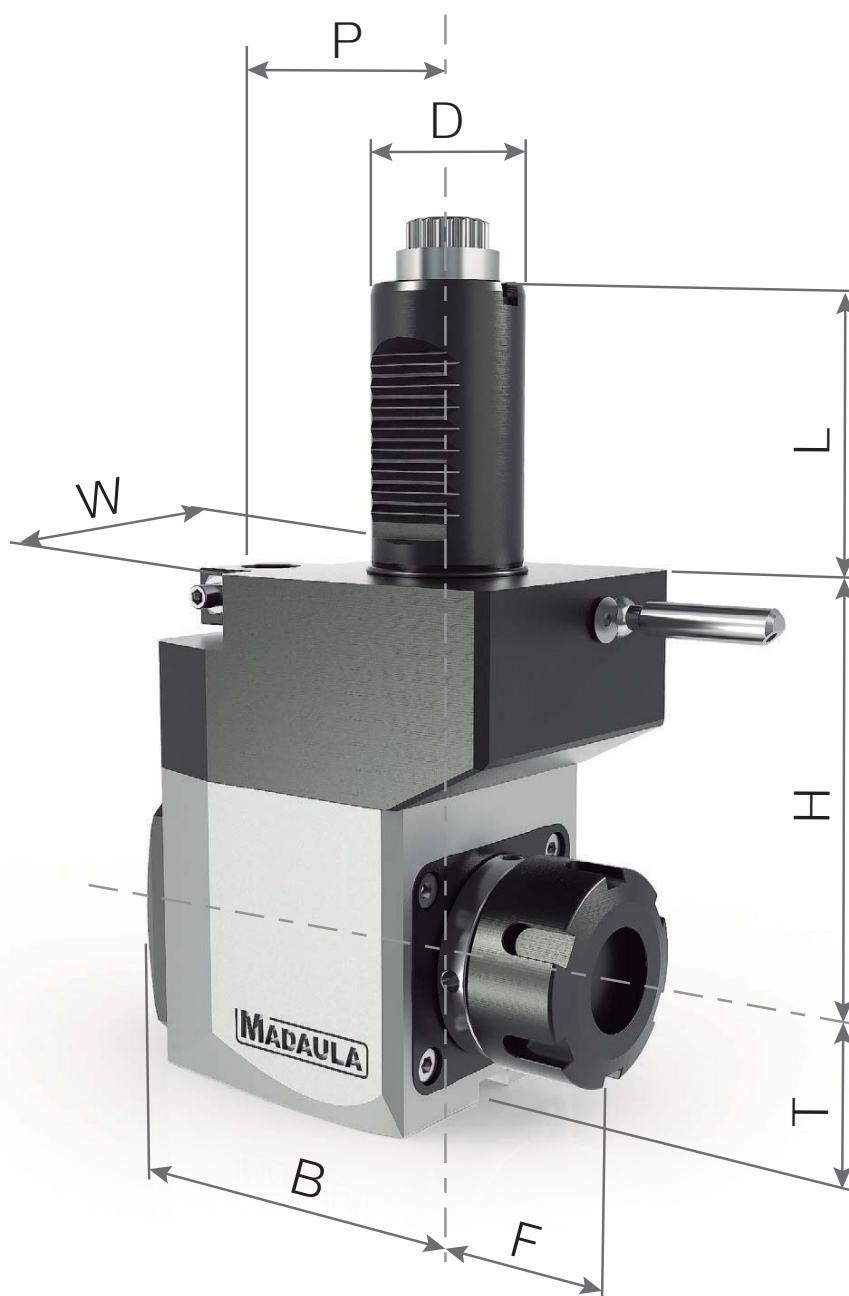
Code		D mm		 RPM. Max.	 Nm. Max.		A mm	F mm	L mm	P mm	T mm	W mm	
VDI-30	SA.026.3080-2X	30	ER-25	12.000	1:2	14	-	50	106	55	56	90	78

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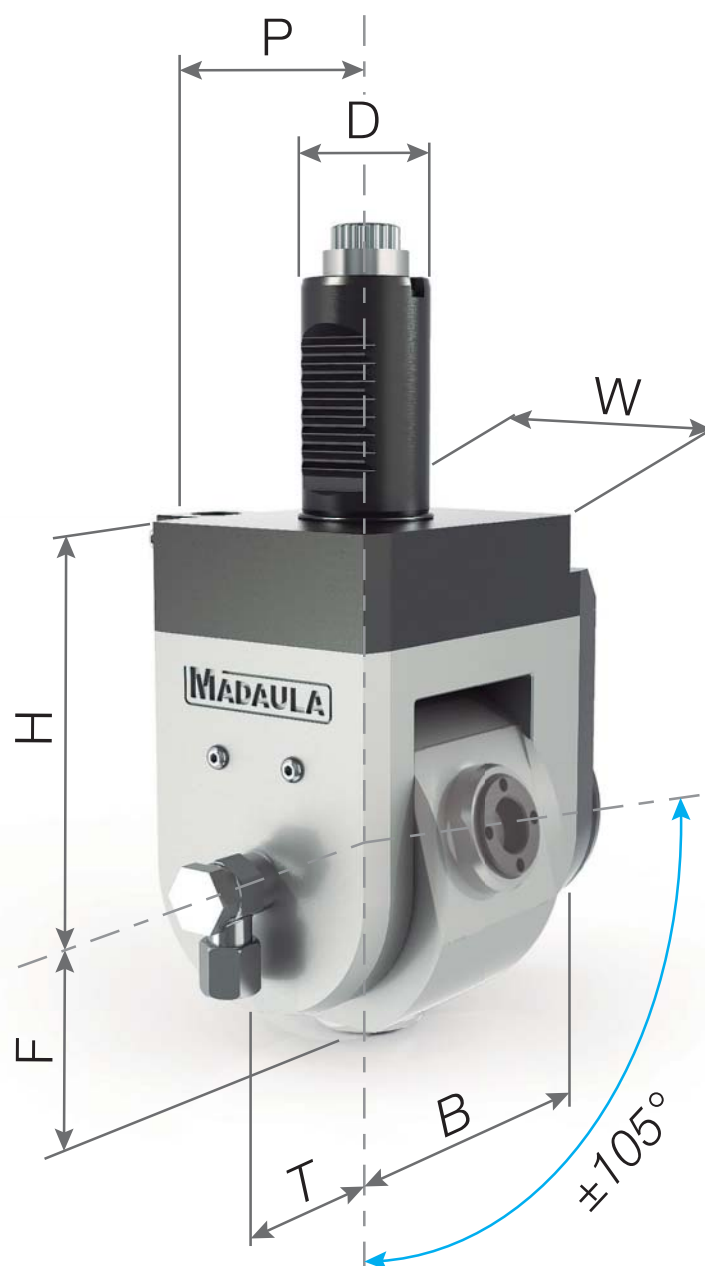
Code		D mm		 RPM.Max.		 Nm.Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm
VDI-30	SA.010.3080-H55	30	ER-25	6.000	1:1	28	-	55	48	64	55	56	29	64
	SA.010.3080-H85	30	ER-25	6.000	1:1	28	-	85	48					
	SA.010.3080-H100	30	ER-25	6.000	1:1	28	-	100	48					
	SA.016.3080-H55	30	ER-25	6.000	1:1	28	20bar	55	51					
	SA.016.3080-H85	30	ER-25	6.000	1:1	28	20bar	85	51					
	SA.016.3080-H100	30	ER-25	6.000	1:1	28	20bar	100	51					
VDI-40	SA.010.4080-ER25-H80	40	ER-25	6.000	1:1	50	-	80	59	70	64	65	36	75
	SA.010.4080-ER32-H80	40	ER-32	6.000	1:1	50	-	80	59	74				
	SA.010.4080-ER25-H100	40	ER-25	6.000	1:1	50	-	100	59	70				
	SA.010.4080-ER32-H100	40	ER-32	6.000	1:1	50	-	100	59	74				
	SA.016.4080-ER25-H80	40	ER-25	6.000	1:1	50	20bar	80	62	70				
	SA.016.4080-ER32-H80	40	ER-32	6.000	1:1	50	20bar	80	62	74				
	SA.016.4080-ER25-H100	40	ER-25	6.000	1:1	50	20bar	100	62	70				
	SA.016.4080-ER32-H100	40	ER-32	6.000	1:1	50	20bar	100	62	74				

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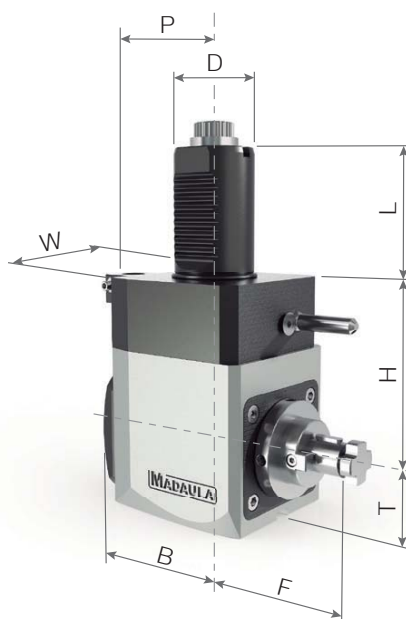
Code		D mm		 RPM.Max.		 Nm.Max.		B mm	F mm	H mm	L mm	P mm	T mm	W mm
VDI-30	SA.011.3080	30	ER-25	6.000	1:1	28	-	71	40	75	55	56	29	64
	SA.017.3080	30	ER-25	6.000	1:1	28	20bar	74						
VDI-40	SA.011.4080-ER25	40	ER-25	6.000	1:1	50	-	92	37	120	64	65	36	75
	SA.011.4080-ER32	40	ER-32	6.000	1:1	50	-	92	41					
	SA.017.4080-ER25	40	ER-25	6.000	1:1	50	20bar	95	37					
	SA.017.4080-ER32	40	ER-32	6.000	1:1	50	20bar	95	41					

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



Code		D mm		 RPM.Max.		 Nm.Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm
VDI-30	SA.021.3080-ER16	30	ER-16	6.000	1:1	16	-	79	59	43	55	56	40	64
	SA.021.3080-ER25	30	ER-25	6.000	1:1	16	-	79						
	SA.022.3080-ER16	30	ER-16	6.000	1:1	16	20bar	86						
	SA.022.3080-ER25	30	ER-25	6.000	1:1	16	20bar	86						
VDI-40	SA.021.4080	40	ER-25	6.000	1:1	16	-	79	59	64	64	65	40	78
	SA.022.4080	40	ER-25	6.000	1:1	16	20bar	86						

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.



Code		D mm		 RPM.Max.	 1:1	 Nm.Max.		H mm	B mm	F mm	L mm	P mm	T mm	W mm
VDI-40	SA.037.4080-16	40	Ø16	6.000	1:1	50	-	80	59	76.5	63	65	36	75
	SA.037.4080-22	40	Ø22	6.000	1:1	50	-							



Code		D mm		 RPM. Max.	 1:1	 Nm. Max.		F mm	L mm	W mm	W1 mm
VDI-30	SA.038.3080	30	Ø16	6.000	1:1	28	-	93.5	55	64	68
VDI-40	SA.038.4080-16	40	Ø16	6.000	1:1	50	-	112.5	64	80	86
	SA.038.4080-22	40	Ø22	6.000	1:1	50	-	115.5			

* The livetools can be equipped with Weldon shaft or shell-mill shaft upon request.