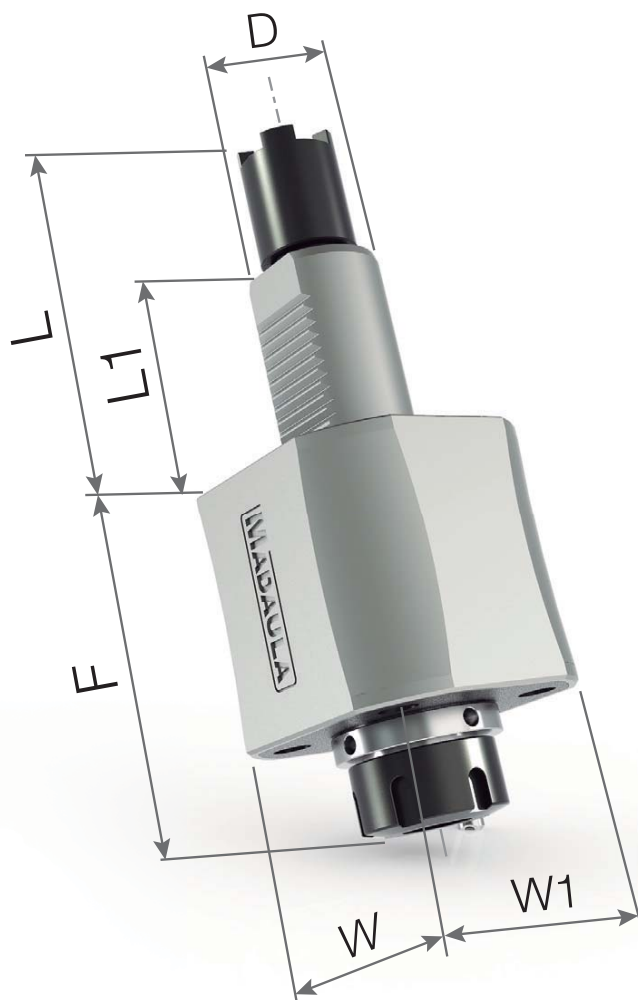


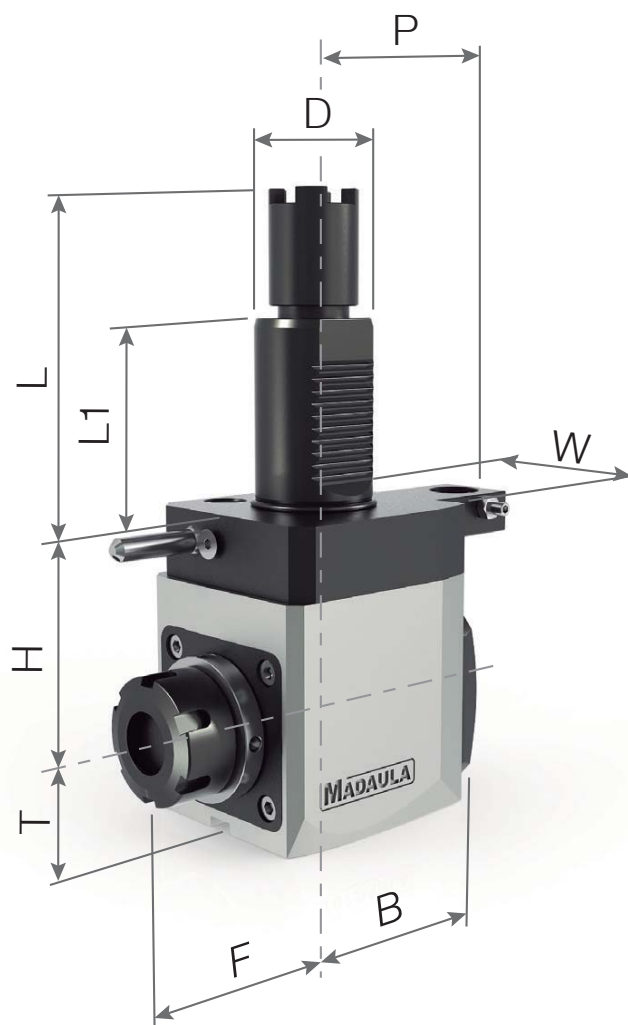
ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RPM. Max.	 Nm. Max.			F mm	L mm	L1 mm	W mm	W1 mm
HS.000.40-ER25-L104	40	ER-25	6.000	1:1	50	-	106	104.85	64	80	86
HS.000.40-ER25-L117	40	ER-25	6.000	1:1	50	-	106	117.55			
HS.000.40-ER25-L130	40	ER-25	6.000	1:1	50	-	106	130.25			
HS.000.40-ER32-L104	40	ER-32	6.000	1:1	50	-	109	104.85			
HS.000.40-ER32-L117	40	ER-32	6.000	1:1	50	-	109	117.55			
HS.000.40-ER32-L130	40	ER-32	6.000	1:1	50	-	109	130.25			
HS.005.40-ER25-L104	40	ER-25	6.000	1:1	50	20bar	106	104.85			
HS.005.40-ER25-L117	40	ER-25	6.000	1:1	50	20bar	106	117.55			
HS.005.40-ER25-L130	40	ER-32	6.000	1:1	50	20bar	106	130.25			
HS.005.40-ER32-L104	40	ER-32	6.000	1:1	50	20bar	109	104.85			
HS.005.40-ER32-L117	40	ER-32	6.000	1:1	50	20bar	109	117.55			
HS.005.40-ER32-L130	40	ER-32	6.000	1:1	50	20bar	109	130.25			

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

ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RPM, Max.	 1:1	 Nm, Max.		H mm	F mm	L mm	L1 mm	B mm	P mm	T mm	W mm
HS.010.40-ER25-L104-H80	40	ER-25	6.000	1:1	50	-	80	72	104.85	64	59	82	36	75
HS.010.40-ER25-L117-H80	40	ER-25	6.000	1:1	50	-	80	72	117.55					
HS.010.40-ER25-L130-H80	40	ER-25	6.000	1:1	50	-	80	72	130.25					
HS.010.40-ER32-L104-H80	40	ER-32	6.000	1:1	50	-	80	75	104.85					
HS.010.40-ER32-L117-H80	40	ER-32	6.000	1:1	50	-	80	75	117.55					
HS.010.40-ER32-L130-H80	40	ER-32	6.000	1:1	50	-	80	75	130.25					
HS.010.40-ER25-L104-H69	40	ER-25	6.000	1:1	50	-	69	72	104.85					
HS.010.40-ER25-L117-H69	40	ER-25	6.000	1:1	50	-	69	72	117.55					
HS.010.40-ER25-L130-H69	40	ER-25	6.000	1:1	50	-	69	72	130.25					
HS.010.40-ER32-L104-H69	40	ER-32	6.000	1:1	50	-	69	75	104.85					
HS.010.40-ER32-L117-H69	40	ER-32	6.000	1:1	50	-	69	75	117.55					
HS.010.40-ER32-L130-H69	40	ER-32	6.000	1:1	50	-	69	75	130.25					

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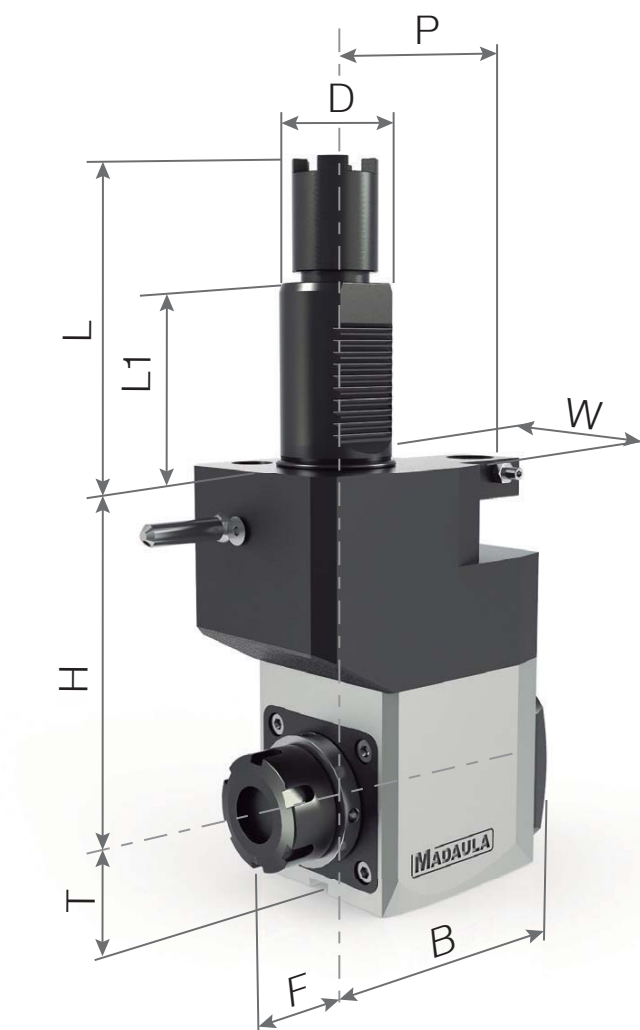
ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RFM. Max.	 1:1	 Nm. Max.		H mm	B mm	F mm	L mm	L1 mm	P mm	T mm	W mm
HS.010.40-L104-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	104.85	64	82	36	75
HS.010.40-L117-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	117.55				
HS.010.40-L130-H80-F91	40	ER-32	6.000	1:1	50	-	80	56	91	130.25				
HS.010.40-L104-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	104.85				
HS.010.40-L117-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	117.55				
HS.010.40-L130-H69-F91	40	ER-32	6.000	1:1	50	-	69	56	91	130.25				
HS.016.40-ER25-L104-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	104.85				
HS.016.40-ER25-L117-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	117.55				
HS.016.40-ER25-L130-H80	40	ER-25	6.000	1:1	50	20bar	80	62	72	130.25				
HS.016.40-ER32-L104-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	104.85				
HS.016.40-ER32-L117-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	117.55				
HS.016.40-ER32-L130-H80	40	ER-32	6.000	1:1	50	20bar	80	62	75	130.25				
HS.016.40-ER25-L104-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	104.85				
HS.016.40-ER25-L117-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	117.55				
HS.016.40-ER25-L130-H69	40	ER-25	6.000	1:1	50	20bar	69	62	72	130.25				
HS.016.40-ER32-L104-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	104.85				
HS.016.40-ER32-L117-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	117.55				
HS.016.40-ER32-L130-H69	40	ER-32	6.000	1:1	50	20bar	69	62	75	130.25				
HS.016.40-L104-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	104.85				
HS.016.40-L117-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	117.55				
HS.016.40-L130-H80-F91	40	ER-32	6.000	1:1	50	20bar	80	56	91	130.25				
HS.016.40-L104-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	104.85				
HS.016.40-L117-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	117.55				
HS.016.40-L130-H69-F91	40	ER-32	6.000	1:1	50	20bar	69	56	91	130.25				

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

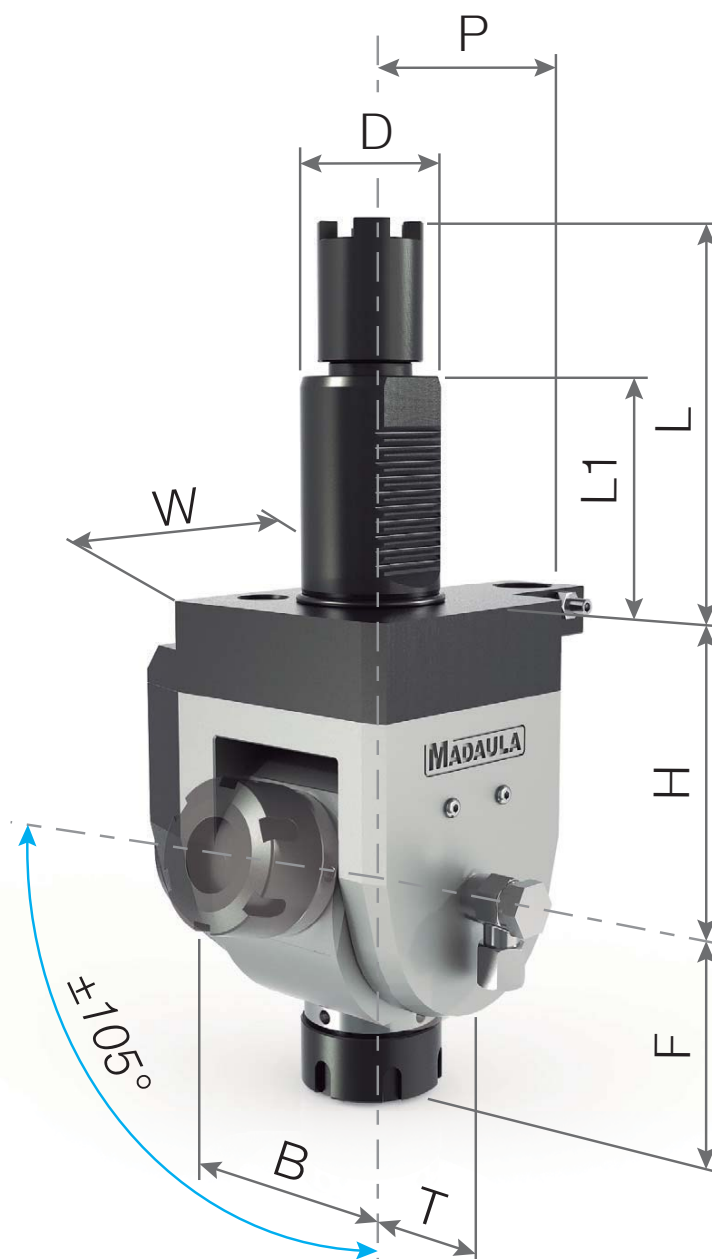
ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RPM, Max.	 1:1	 Nm, Max.		B mm	F mm	L mm	L1 mm	H mm	P mm	T mm	W mm
HS.011.40-ER25-L104	40	ER-25	6.000	1:1	50	-	80	56	104.85	64	120	82	36	75
HS.011.40-ER25-L117	40	ER-25	6.000	1:1	50	-	80	56	117.55					
HS.011.40-ER25-L130	40	ER-25	6.000	1:1	50	-	80	56	130.25					
HS.011.40-ER32-L104	40	ER-32	6.000	1:1	50	-	69	56	104.85					
HS.011.40-ER32-L117	40	ER-32	6.000	1:1	50	-	69	56	117.55					
HS.011.40-ER32-L130	40	ER-32	6.000	1:1	50	-	69	56	130.25					
HS.017.40-ER25-L104	40	ER-25	6.000	1:1	50	20bar	80	62	104.85					
HS.017.40-ER25-L117	40	ER-25	6.000	1:1	50	20bar	80	62	117.55					
HS.017.40-ER25-L130	40	ER-25	6.000	1:1	50	20bar	80	62	130.25					
HS.017.40-ER32-L104	40	ER-32	6.000	1:1	50	20bar	80	62	104.85					
HS.017.40-ER32-L117	40	ER-32	6.000	1:1	50	20bar	80	62	117.55					
HS.017.40-ER32-L130	40	ER-32	6.000	1:1	50	20bar	80	62	130.25					

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

ST-10
SL-20/TL-15 (104mm)
SL-30/TL-25/SL-40 (117mm)
SL-40 (130mm)



Code	D mm		 RPM. Max.		 Nm. Max.		H mm	L mm	L1 mm	B mm	P mm	F mm	T mm	W mm
HS.021.40-L104	40	ER-25	6.000	1:1	16	-	79	104.85	64	59	82	64	40	78
HS.021.40-L117	40	ER-25	6.000	1:1	16	-	79	117.55						
HS.021.40-L130	40	ER-25	6.000	1:1	16	-	79	130.25						
HS.022.40-L104	40	ER-25	6.000	1:1	16	20bar	86	104.85						
HS.022.40-L117	40	ER-25	6.000	1:1	16	20bar	86	117.55						
HS.022.40-L130	40	ER-25	6.000	1:1	16	20bar	86	130.25						

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