

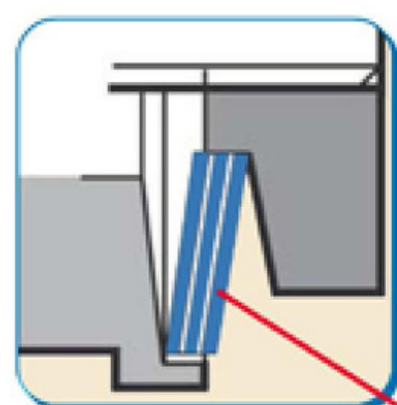
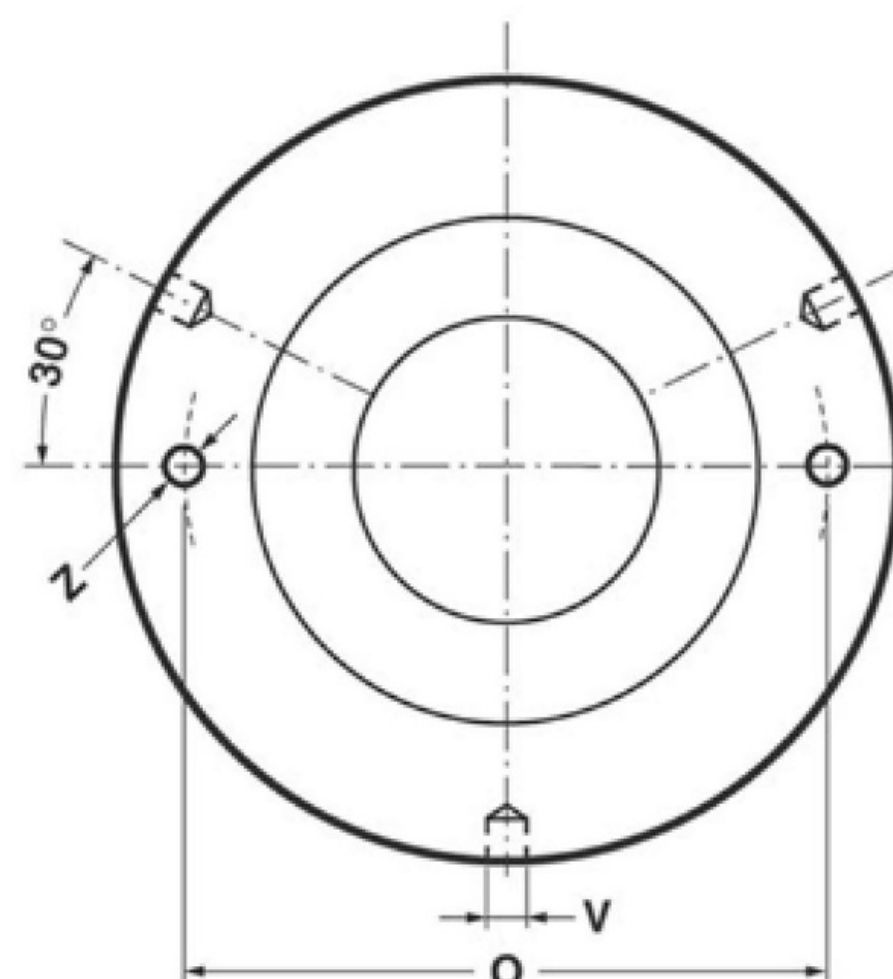
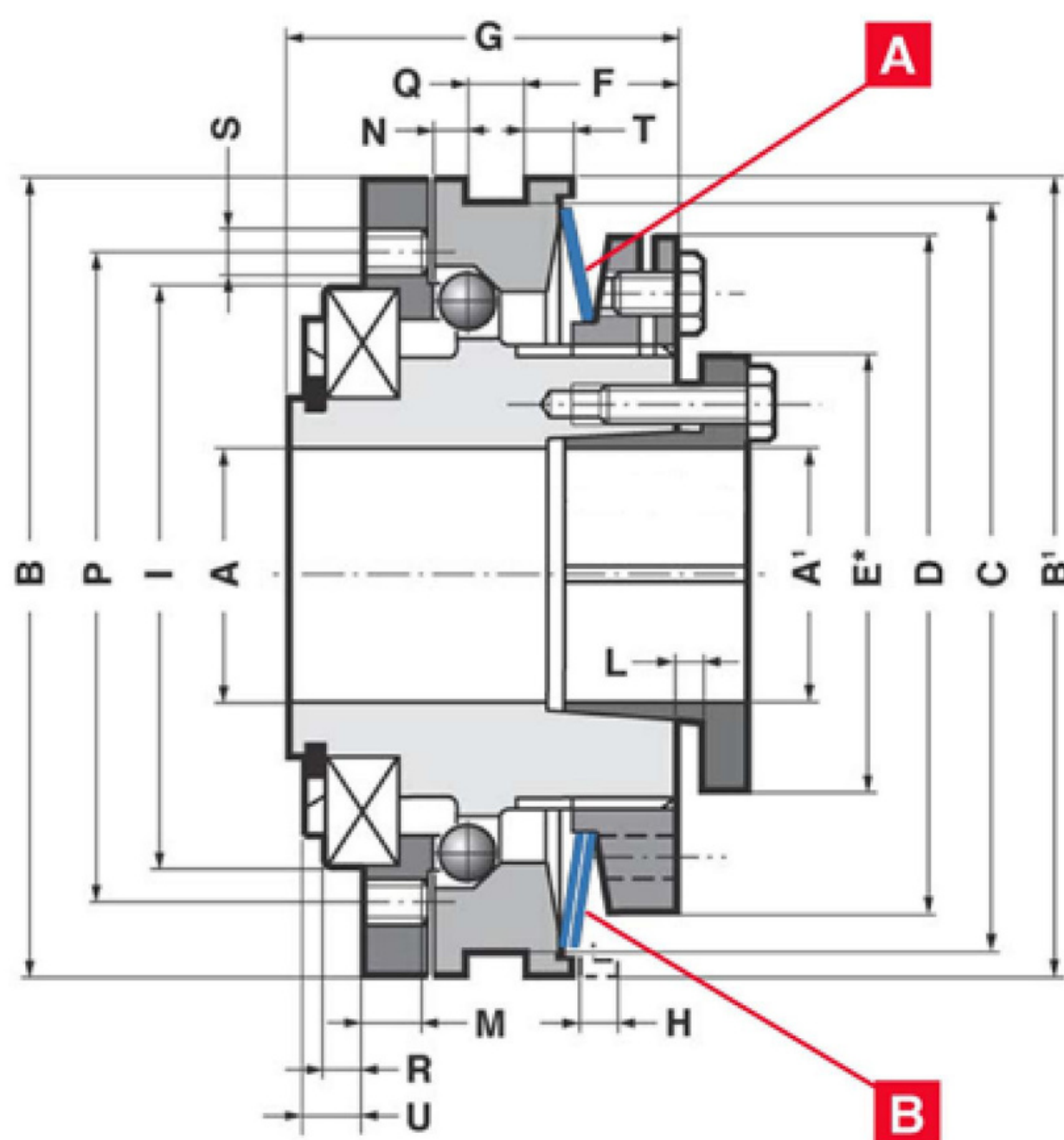


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Limitatori di coppia “senza gioco” con bussola conica - STANDARD

“Backlash-free” conic bush torque limiters - STANDARD



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7} A ^{f8}	B	B ¹	C	D	E*	F	G	H	I ^{h5}	L	M	N	O	P	Q	R	S	T _{6x60°}	U	V	Z	kg
15	3000	11-12-14-15	60	64	-	59	28 + 38	20	35	1,2	47	2	6	-	47	53	-	3	M4	10	6	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	32 + 42	17	42	1,5	62	2	7	2	53	69	7,5	4	M5	7	8	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	38 + 50	19	49	1,8	68	2	7,5	2	63	80	7,5	5	M6	9	10	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	50 + 60	21	53	2	80	2	8	3	78	90	9	5	M6	9	10	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	60 + 75	25	60	2,2	100	2	9,5	3	95	112	9	5	M8	11	10	6,5	8	-



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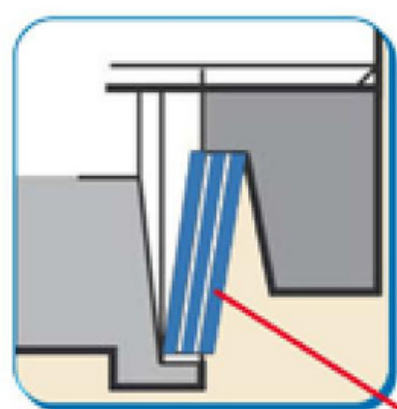
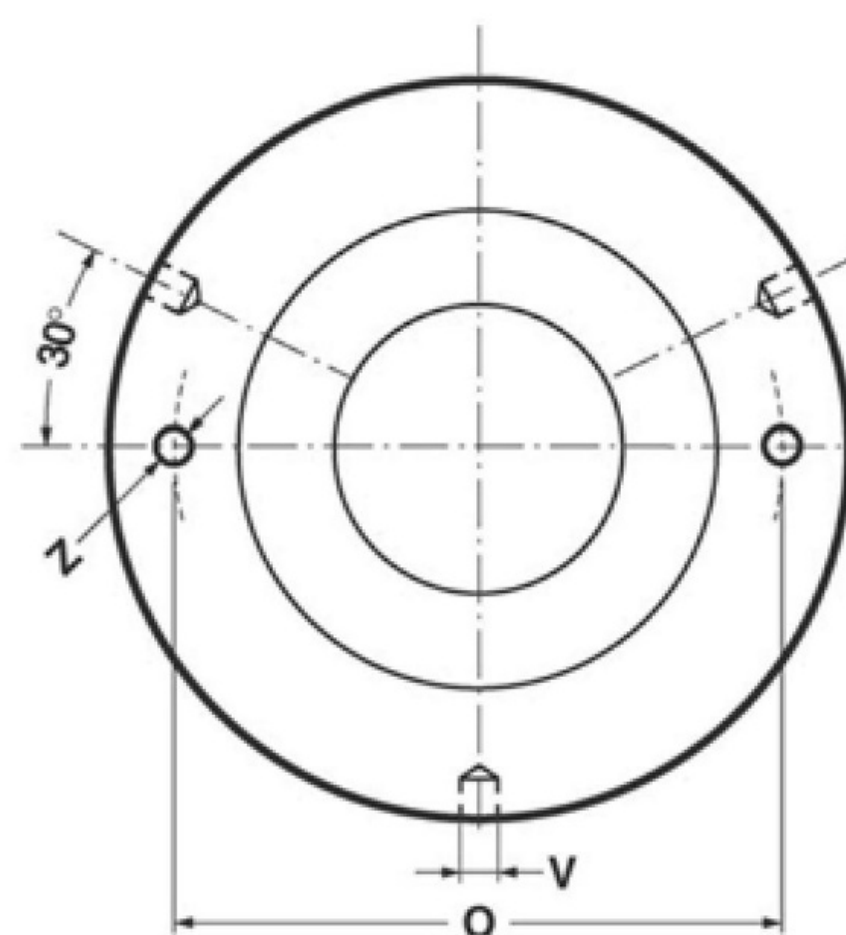
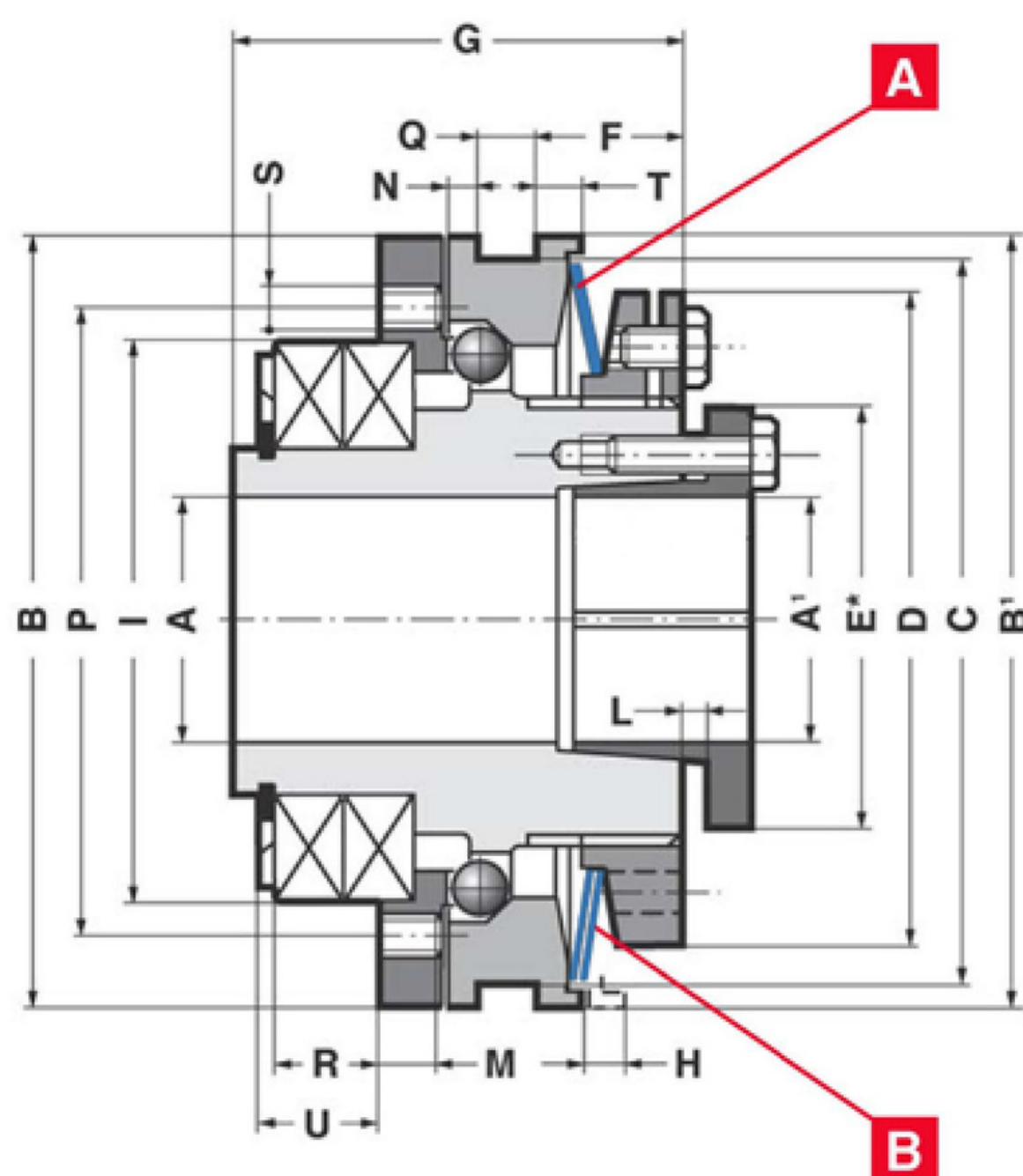


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Limitatori di coppia “senza gioco” con doppio cuscinetto e bussola conica

“Backlash-free” torque limiters with double bearing and conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7} A ^{1 F8}	B	B ¹	C	D	E	F	G	H	I ^{h5}	L	M	N	O	P	Q	R	S	T _{6x60°}	U	V	Z	kg
15	3000	11-12-14-15	60	64	-	59	28 + 38	20	44	1,2	47	2	6	-	47	53	-	12	M4	10	15	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	32 + 42	17	51	1,5	62	2	7	2	53	69	7,5	13	M5	7	17	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	38 + 50	19	58	1,8	68	2	7,5	2	63	80	7,5	14	M6	9	19	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	50 + 60	21	63	2	80	2	8	3	78	90	9	15	M6	9	20	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	60 + 75	25	71	2,2	100	2	9,5	3	95	112	9	16	M8	11	21	6,5	8	-



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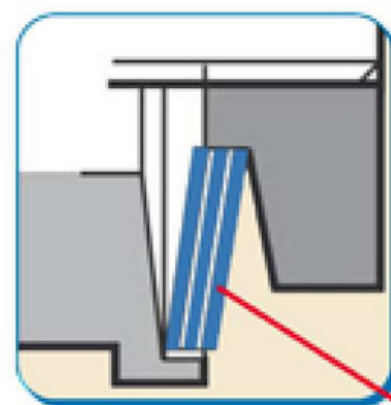
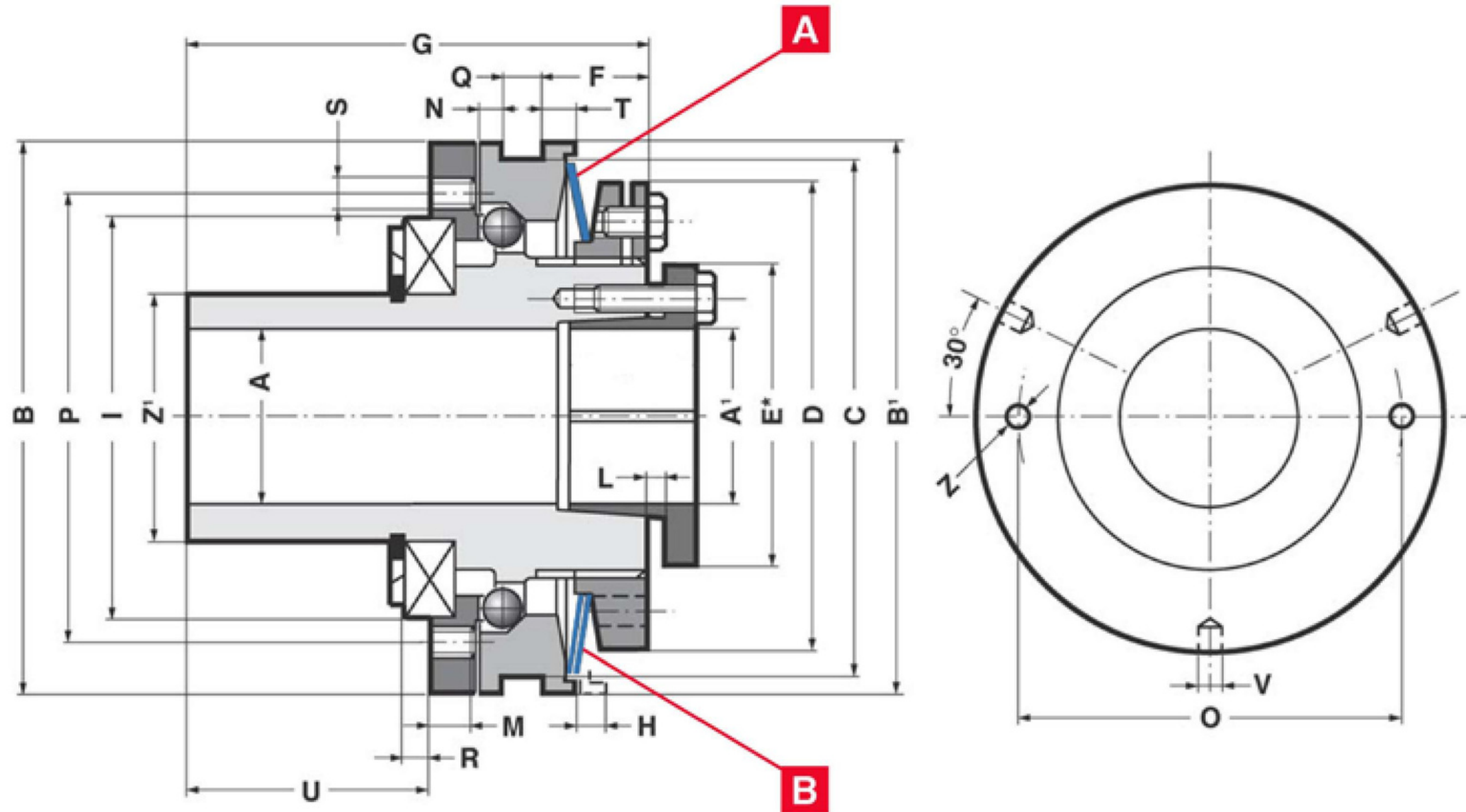
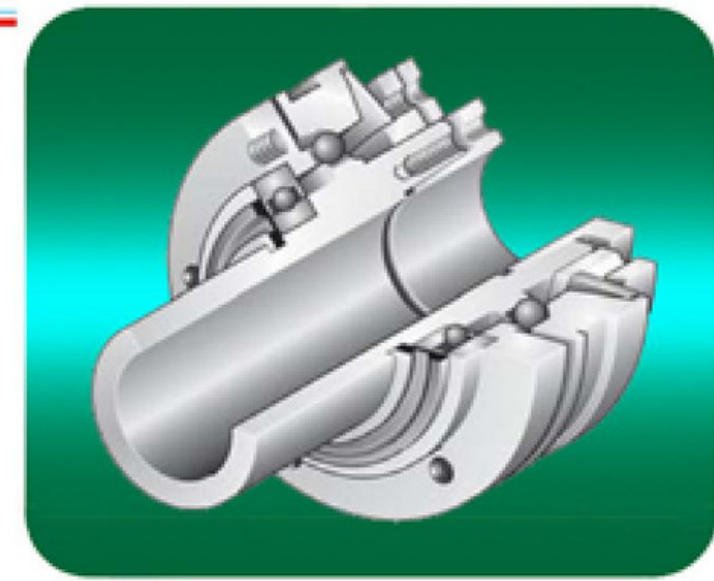


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Limitatori di coppia “senza gioco” con mozzo portante prolungato e bussola conica

“Backlash-free” torque limiters with long load support hub and conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7} A ^{1 F8}	B	B ¹	C	D	E	F	G	H	I ^{h5}	L	M	N	O	P	Q	R	S	T _{6x60°}	U	V	Z	Z ^{1h7}	kg
15	3000	11-12-14-15	60	64	-	59	28 + 38	20	59	1,2	47	2	6	-	47	53	-	3	M4	10	30	5,5	5	30	-
20	3000	14-15-19-20	79	79	74	64	32 + 42	17	69	1,5	62	2	7	2	53	69	7,5	4	M5	7	35	5,5	5	35	-
25	2000	19-20-24-25	94	94	89	79	38 + 50	19	79	1,8	68	2	7,5	2	63	80	7,5	5	M6	9	40	5,5	6	40	-
35	2000	24-25-28-30-35	109	109	104	94	50 + 60	21	91	2	80	2	8	3	78	90	9	5	M6	9	48	6,5	6	50	-
45	1000	35-38-40-42-45	129	129	124	114	60 + 75	25	110	2,2	100	2	9,5	3	95	112	9	5	M8	11	60	6,5	8	65	-



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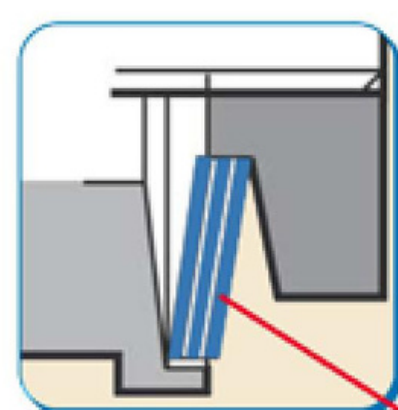
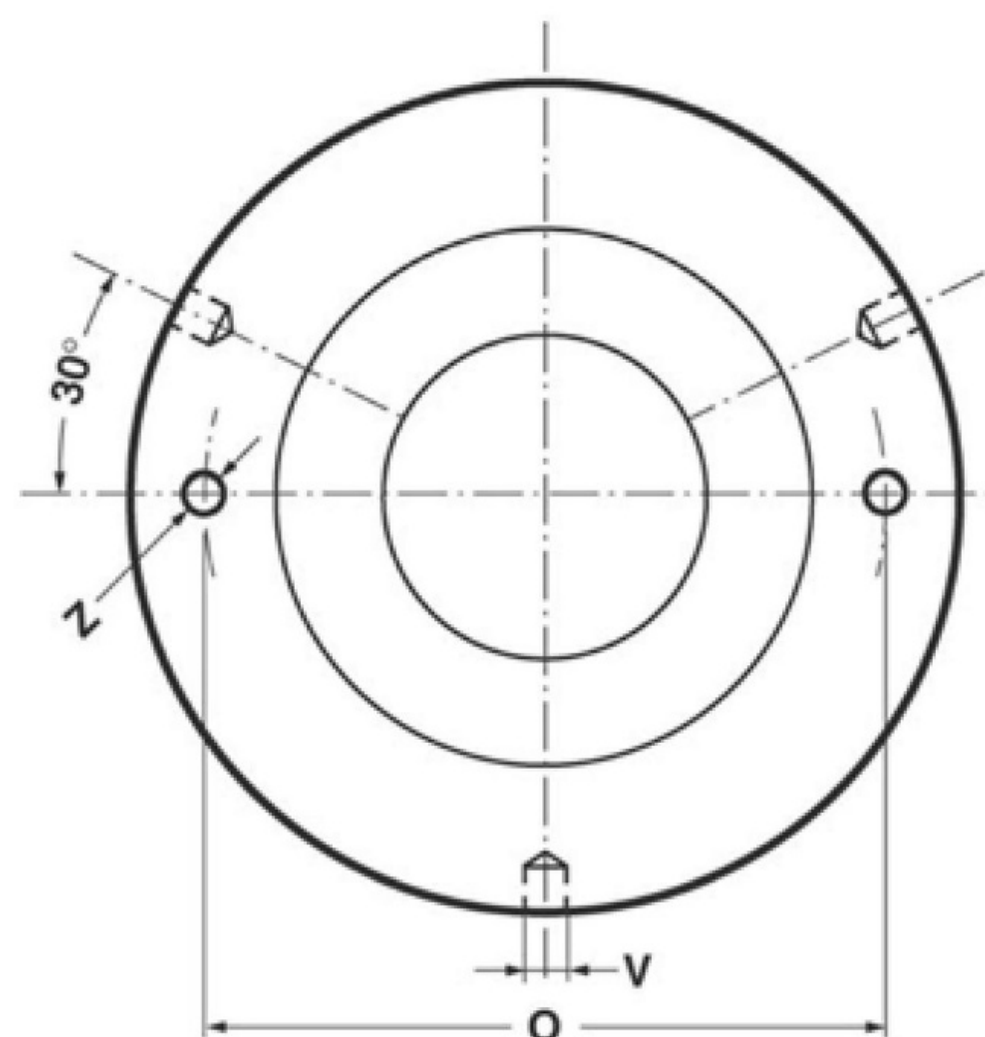
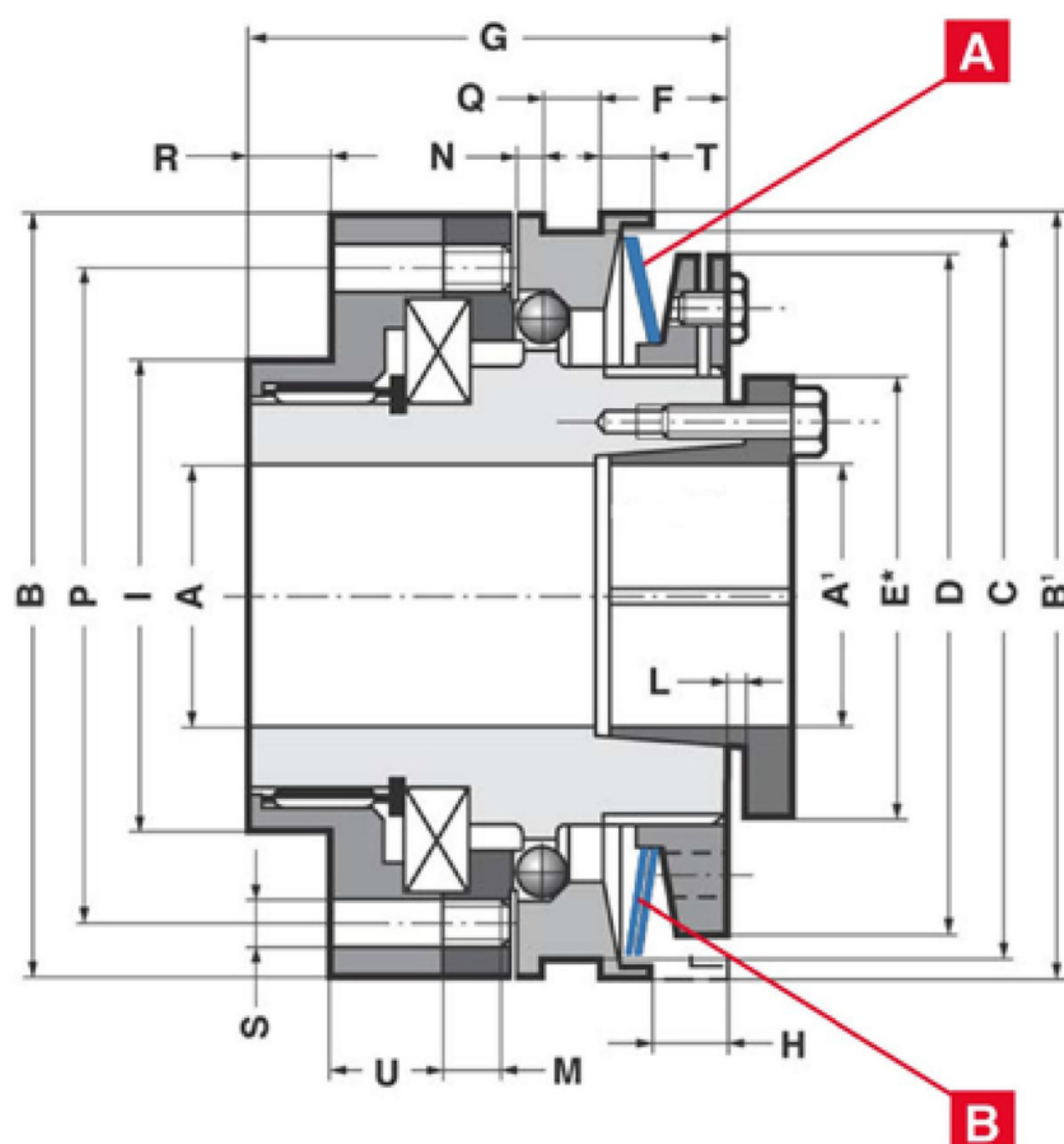
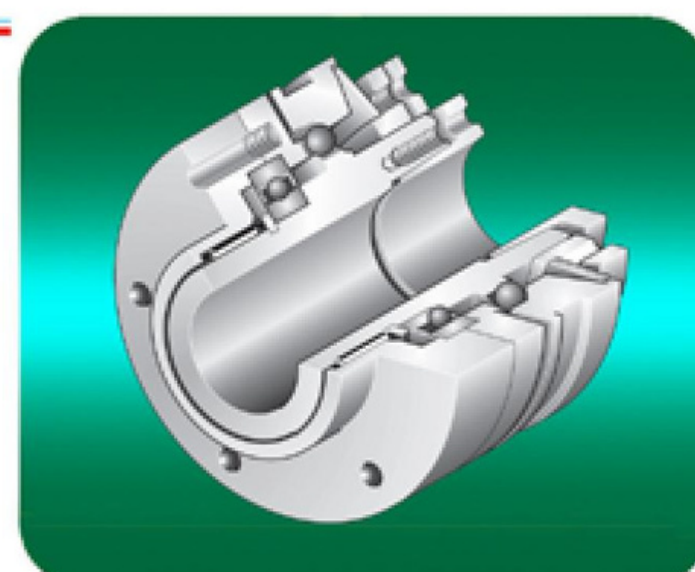


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Limitatori di coppia “senza gioco” con mozzo portante corto e bussola conica

“Backlash-free” torque limiters with short load bearing hub and conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7} A ^{1 F8}	B	B'	C	D	E	F	G	H	I ^{H7}	L	M	N	O	P	Q	R	S	T 6x60°	U	V	Z	kg
15	3000	11-12-14-15	60	64	-	59	28 + 38	20	50	1,2	40	2	6	-	47	53	-	8	M4	10	13	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	32 + 42	17	56	1,5	45	2	7	2	53	69	7,5	9	M5	7	13	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	38 + 50	19	67	1,8	50	2	7,5	2	63	80	7,5	14	M6	9	14	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	50 + 60	21	73	2	60	2	8	3	78	90	9	15	M6	9	17	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	60 + 75	25	82	2,2	80	2	9,5	3	95	112	9	15	M8	11	18	6,5	8	-



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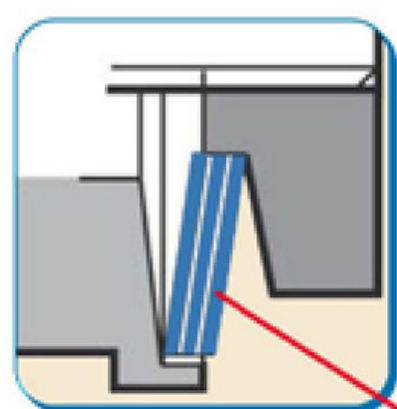
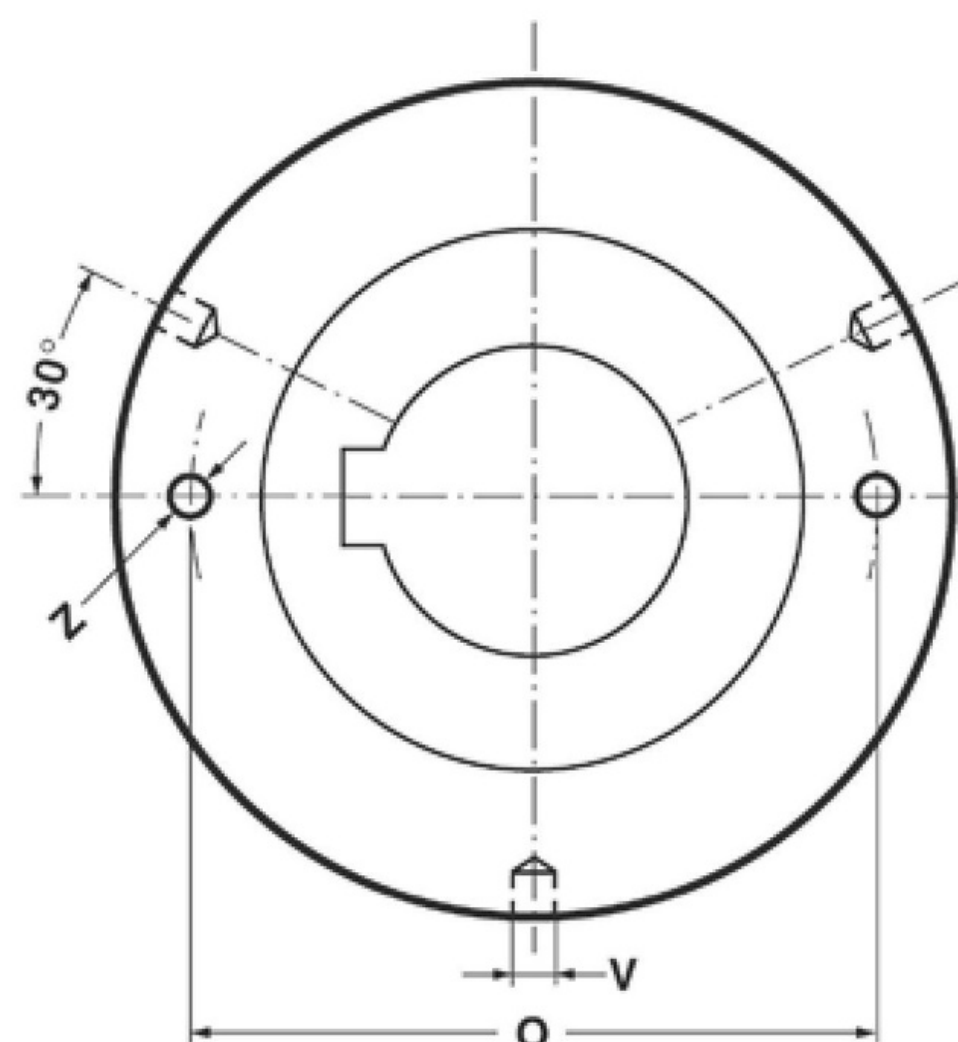
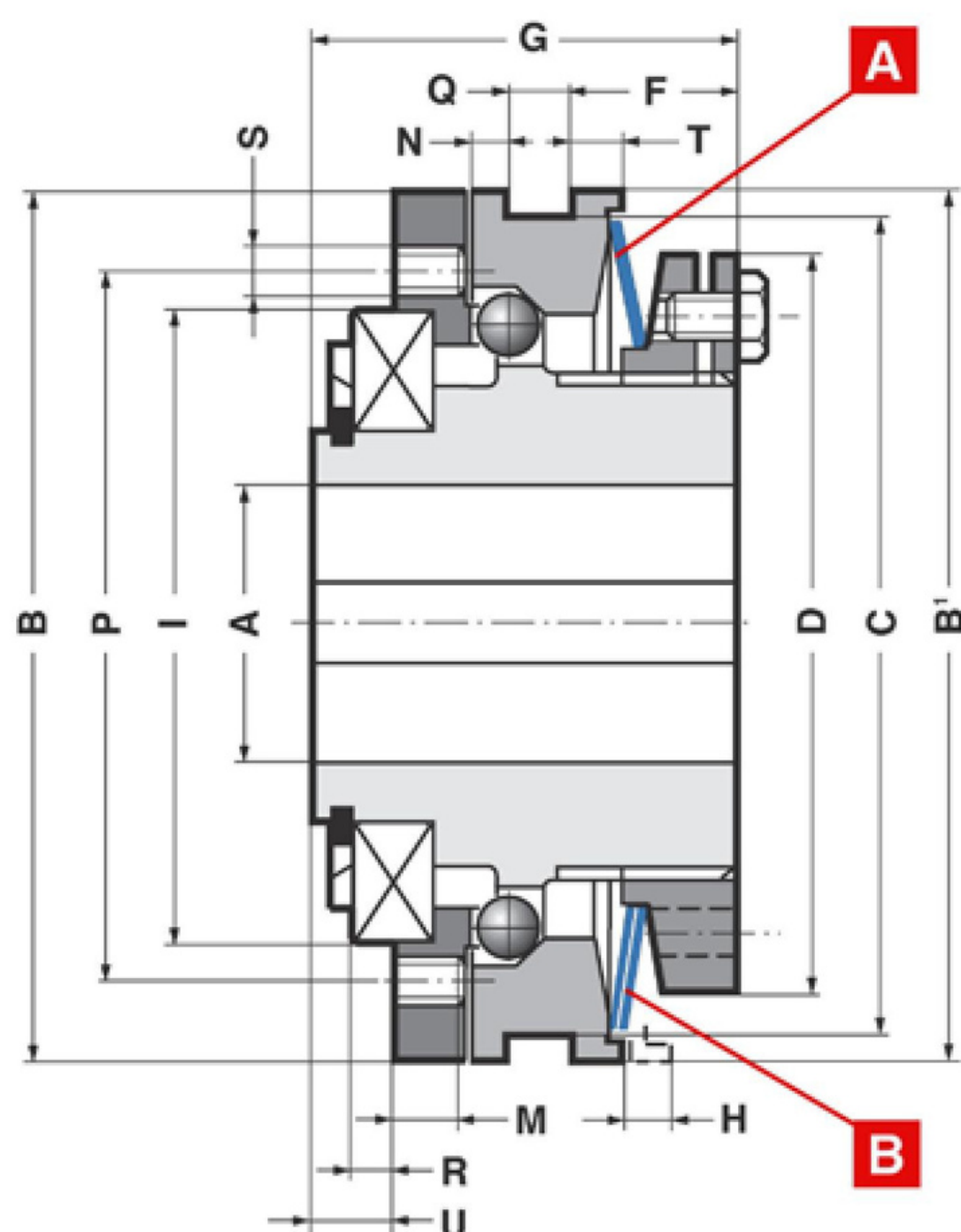
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STANDARD****“Backlash-free” torque limiters with through hole -
STANDARD**

		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7}	B	B ¹	C	D	F	G	H	I ^{H5}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	20	35	1,2	47	6	-	47	53	-	3	M4	10	6	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	17	42	1,5	62	7	2	53	69	7,5	4	M5	7	8	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	19	49	1,8	68	7,5	2	63	80	7,5	5	M6	9	10	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	21	53	2	80	8	3	78	90	9	5	M6	9	10	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	25	60	2,2	100	9,5	3	95	112	9	5	M8	11	10	6,5	8	-

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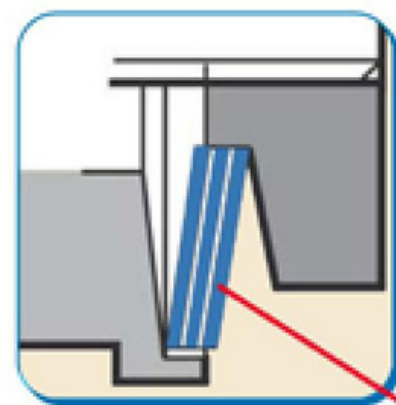
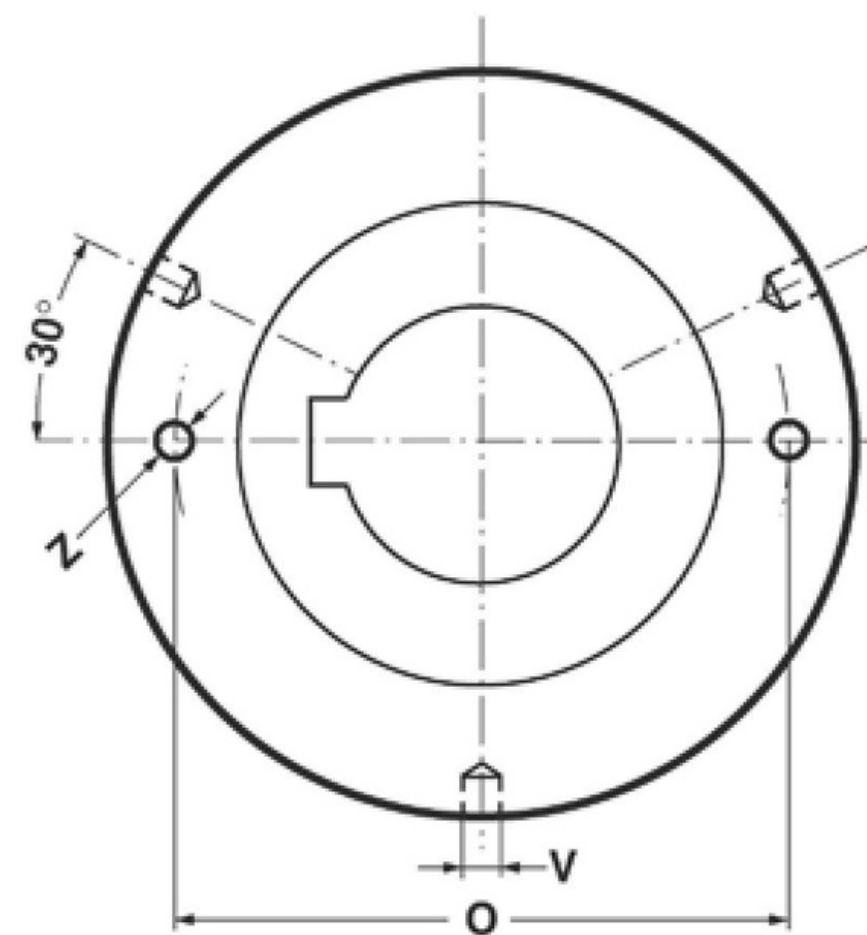
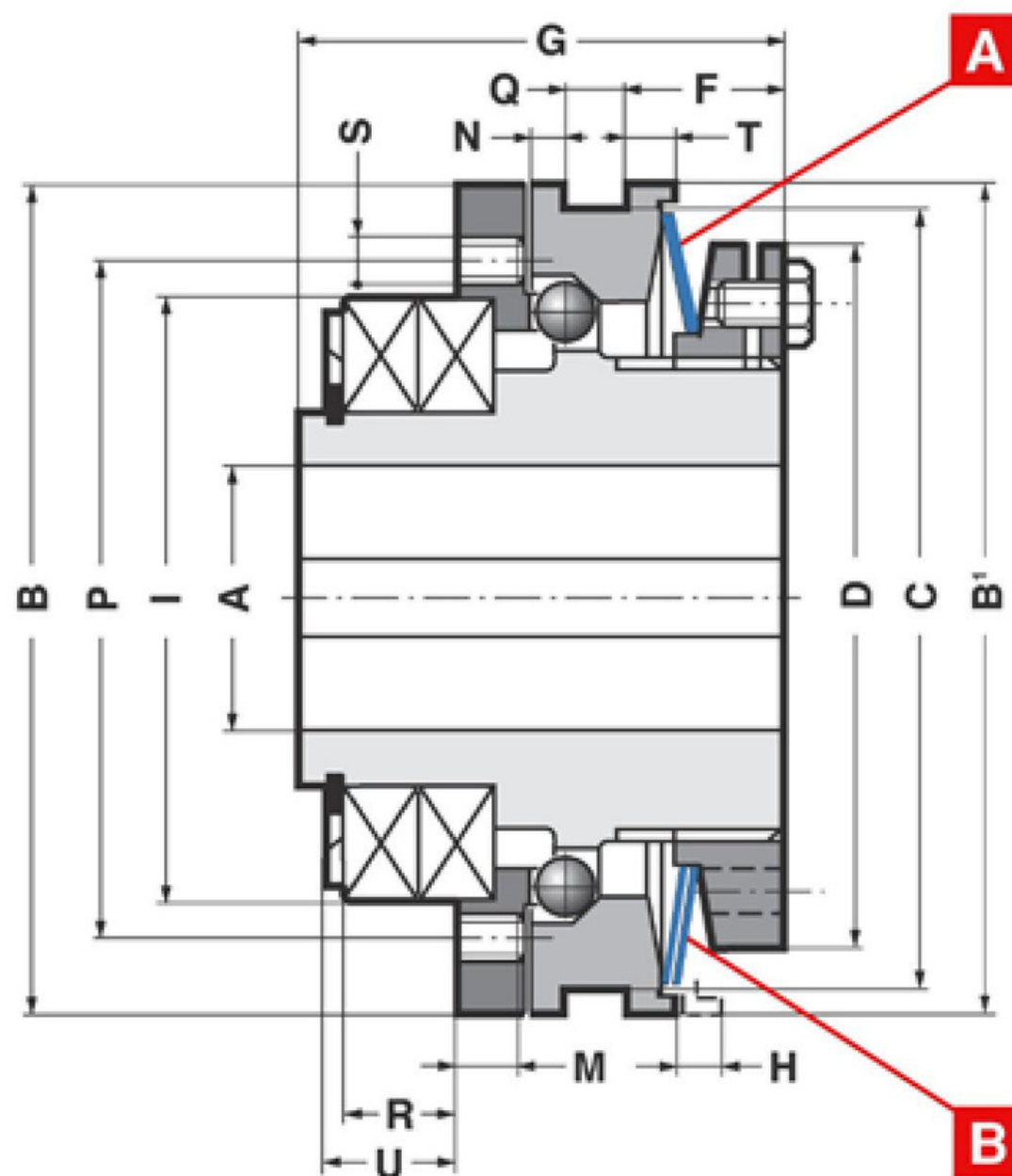
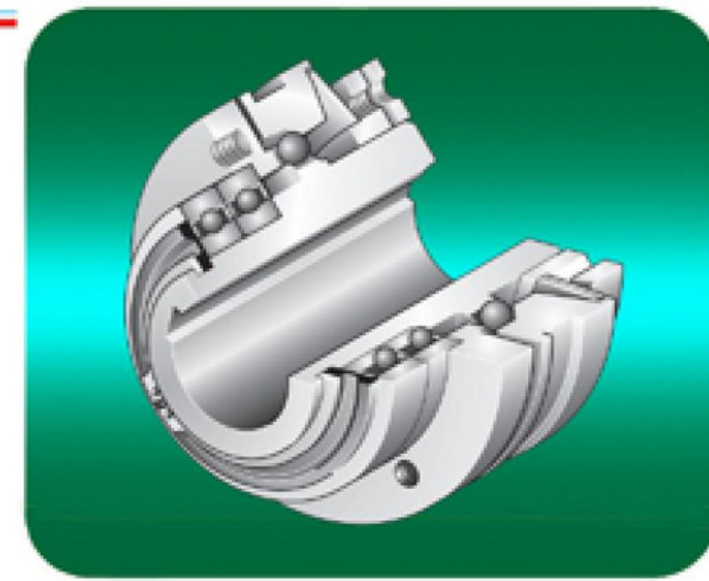


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Limitatori di coppi “senza gioco” con doppio cuscinetto e foro passante

“Backlash-free” torque limiters with double bearing and through hole



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7}	B	B ¹	C	D	F	G	H	I ^{h5}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	20	44	1,2	47	6	-	47	53	-	12	M4	10	15	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	17	51	1,5	62	7	2	53	69	7,5	13	M5	7	17	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	19	58	1,8	68	7,5	2	63	80	7,5	14	M6	9	19	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	21	63	2	80	8	3	78	90	9	15	M6	9	20	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	25	71	2,2	100	9,5	3	95	112	9	15	M8	11	21	6,5	8	-



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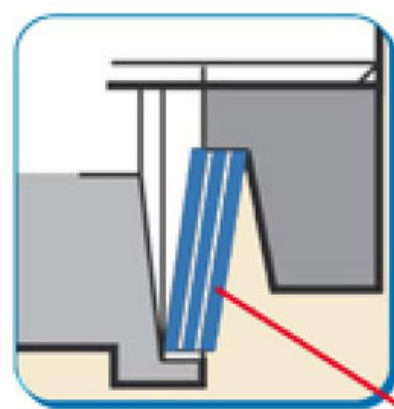
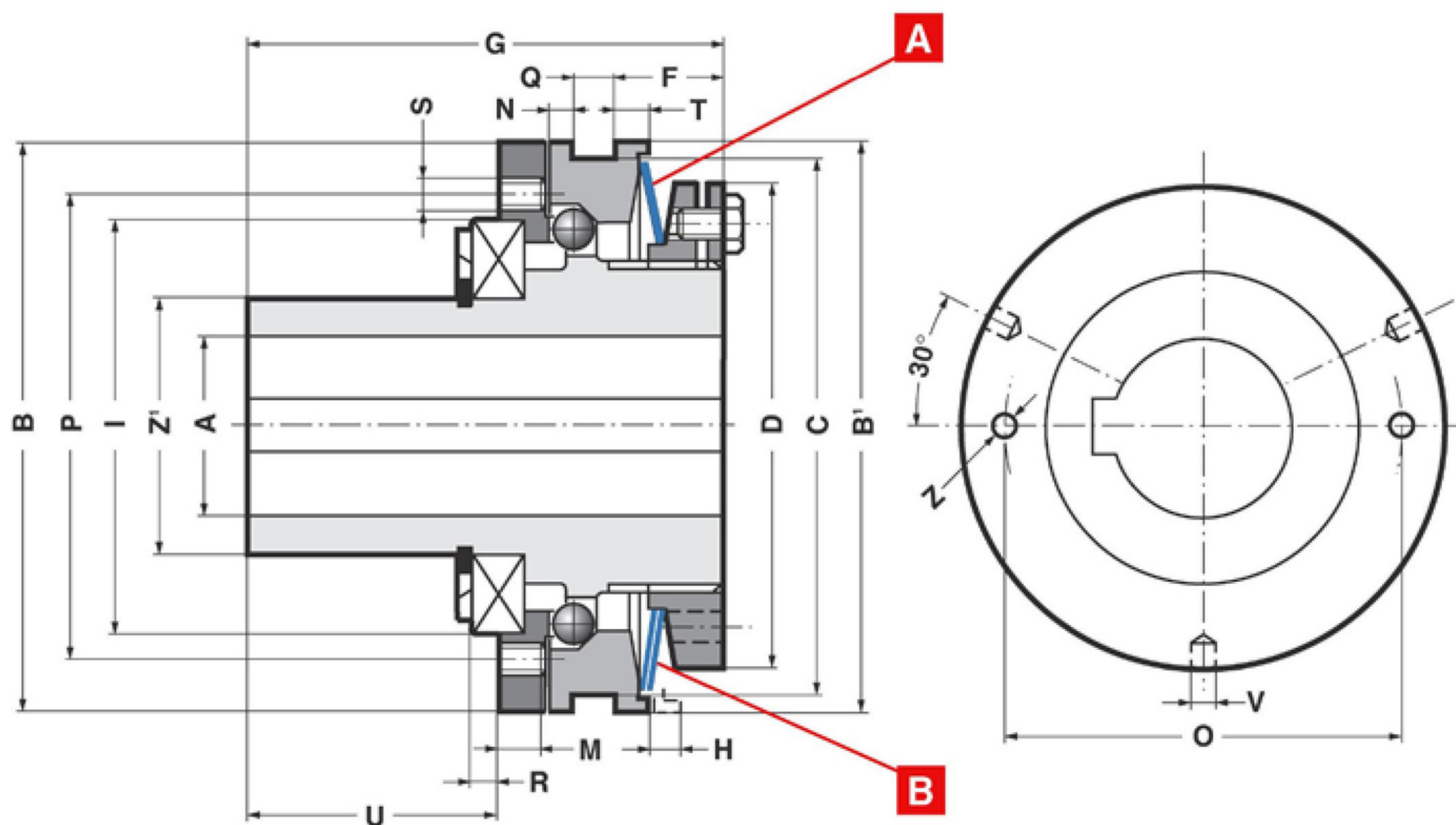
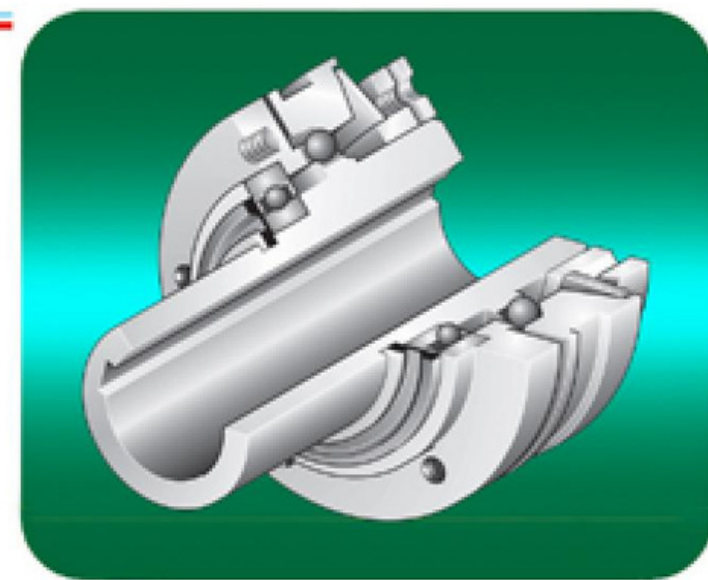


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Limitatori di coppia “senza gioco” con mozzo prolungato
e foro passante

*“Backlash-free” torque limiters with long load bearing hub
and through hole*



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7}	B	B ¹	C	D	F	G	H	I ^{h5}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	Z ^{1h7}	kg
15	3000	14-15-18-19-20	60	64	-	59	20	59	1,2	47	6	-	47	53	-	3	M4	10	30	5,5	5	30	-
20	3000	14-15-19-20	79	79	74	64	17	69	1,5	62	7	2	53	69	7,5	4	M5	7	35	5,5	5	35	-
25	2000	19-20-24-25	94	94	89	79	19	79	1,8	68	7,5	2	63	80	7,5	5	M6	9	40	5,5	6	40	-
35	2000	24-25-28-30-35	109	109	104	94	21	91	2	80	8	3	78	90	9	5	M6	9	48	6,5	6	50	-
45	1000	35-38-40-42-45	129	129	124	114	25	110	2,2	100	9,5	3	95	112	9	5	M8	11	60	6,5	8	65	-



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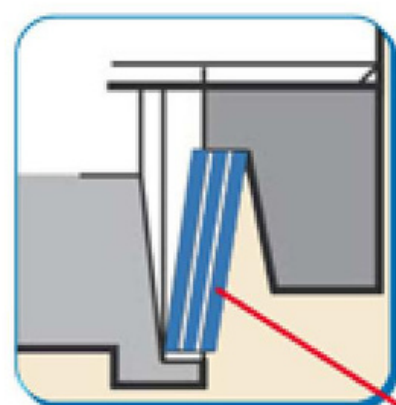
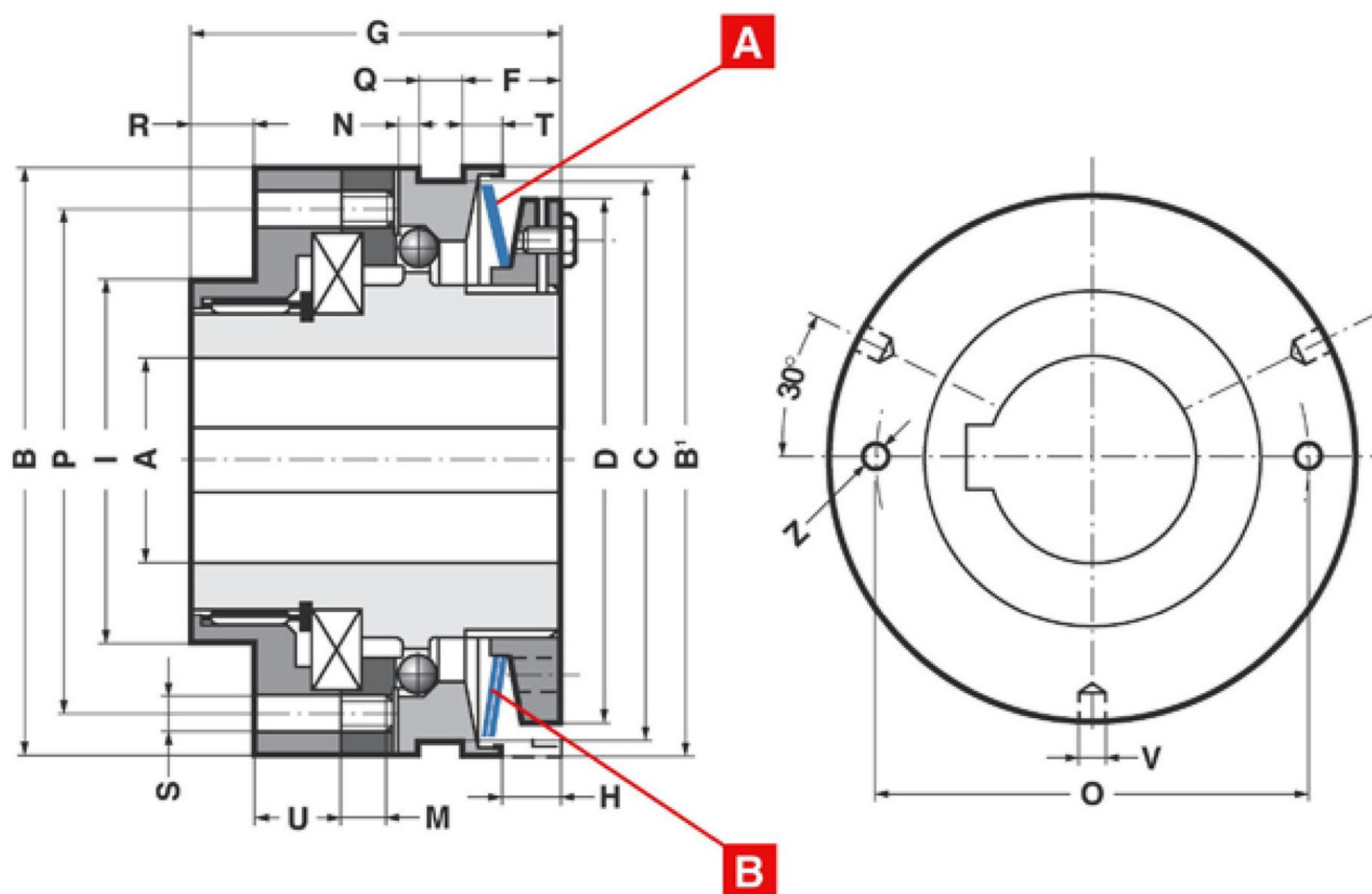
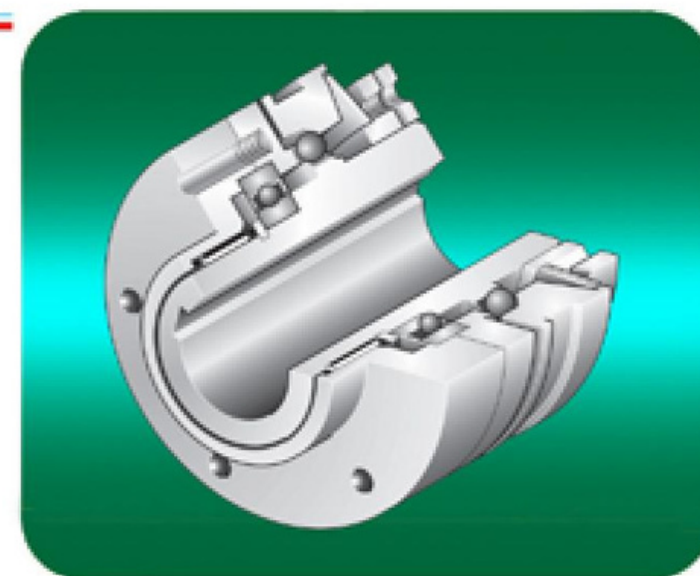


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Limitatori di coppia “senza gioco” con mozzo portante corto e foro passante

“Backlash-free” torque limiters with short load bearing hub and through hole



		15	20	25	35	5
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7}	B	B ¹	C	D	F	G	H	I ^{H7}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	20	50	1,2	40	7	-	47	53	-	8	M4	10	13	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	17	56	1,5	45	7	2	53	69	7,5	9	M5	7	13	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	19	67	1,8	50	7,5	2	63	80	7,5	14	M6	9	14	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	21	73	2	60	8	3	78	90	9	15	M6	9	17	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	25	82	2,2	80	9,5	3	95	112	9	15	M8	11	18	6,5	8	-



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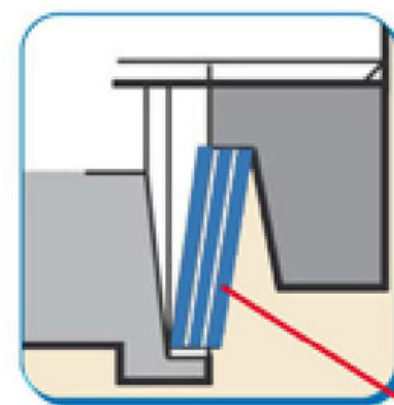
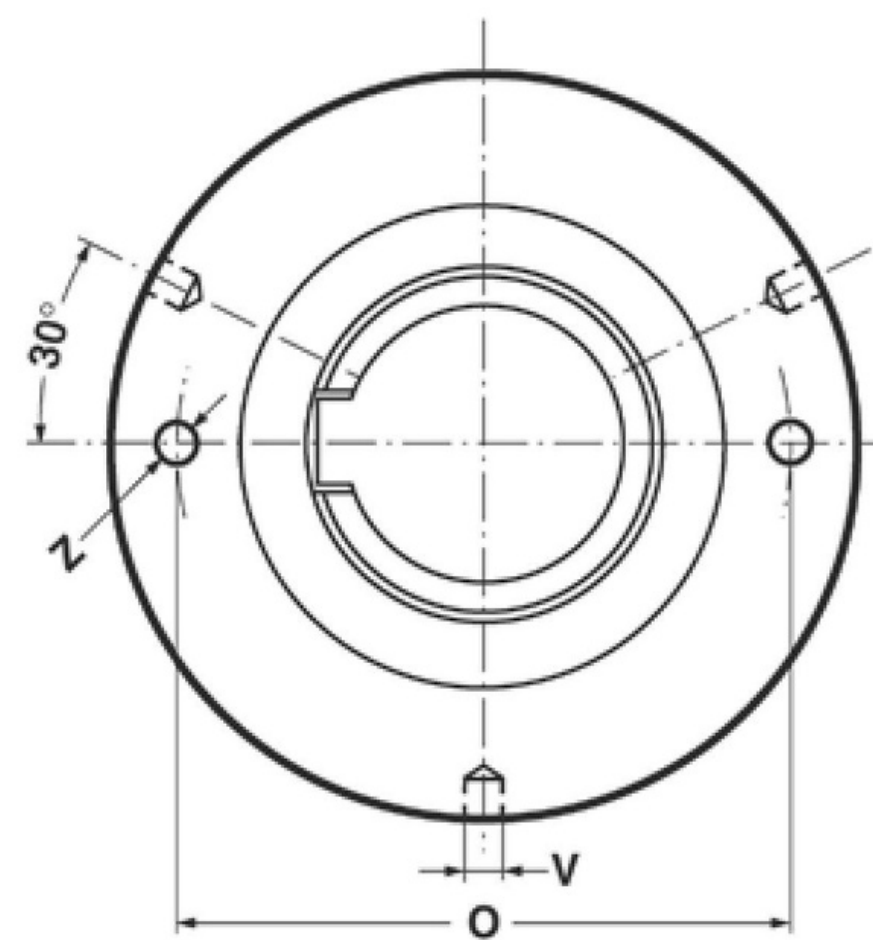
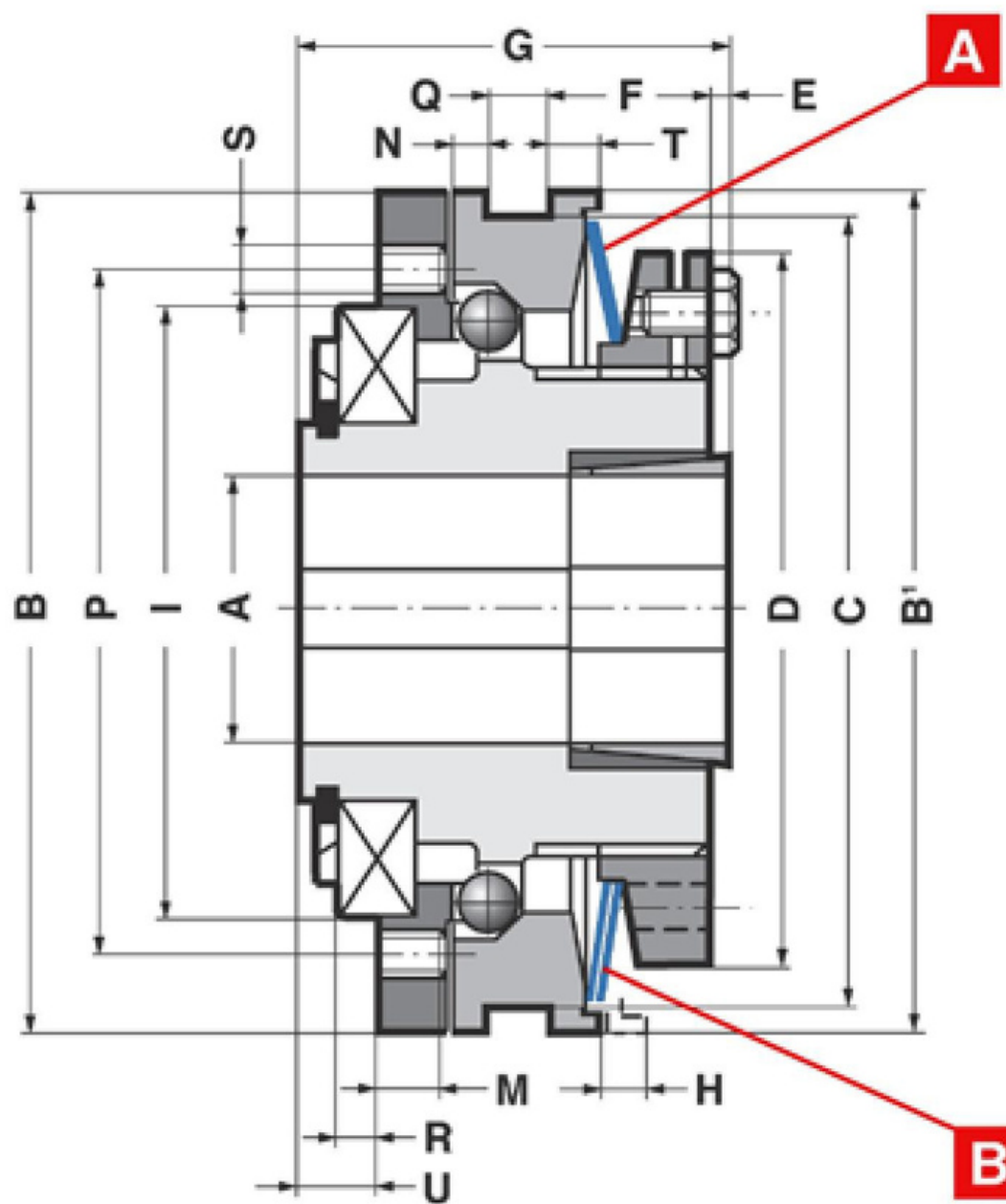
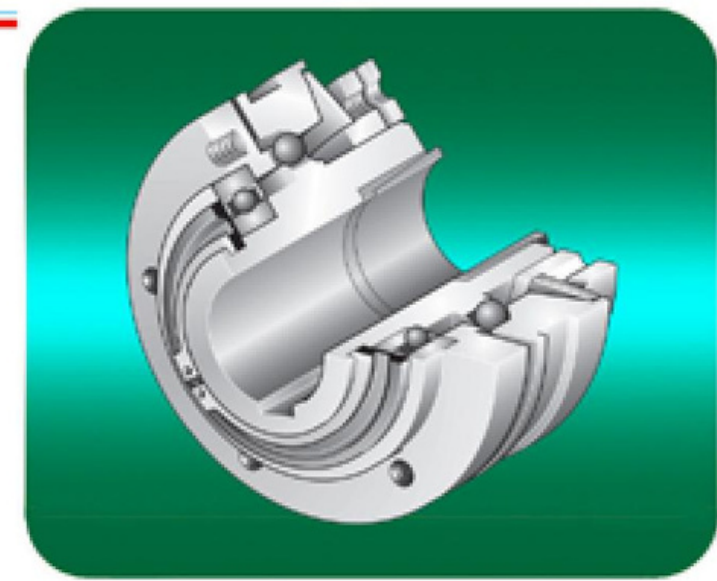


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Limitatori di coppia “senza gioco” con bussola conica interna - STANDARD

“Backlash-free” torque limiters with internal conic bush - STANDARD



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{M7}	B	B ¹	C	D	E	F	G	H	I ^{h5}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	1	20	37	1,2	47	6	-	47	53	-	3	M4	10	6	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	1	17	44	1,5	62	7	2	53	69	7,5	4	M5	7	8	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	2	19	51	1,8	68	7,5	2	63	80	7,5	5	M6	9	10	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	2	21	55	2	80	8	3	78	90	9	5	M6	9	10	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	2	25	62	2,2	100	9,5	3	95	112	9	5	M8	11	10	6,5	8	-



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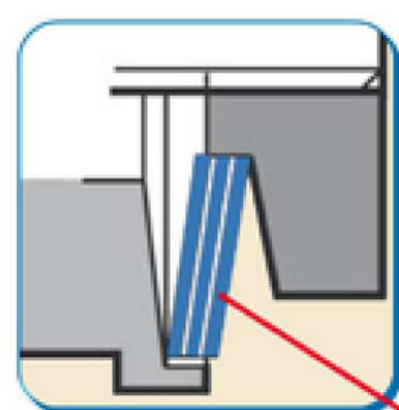
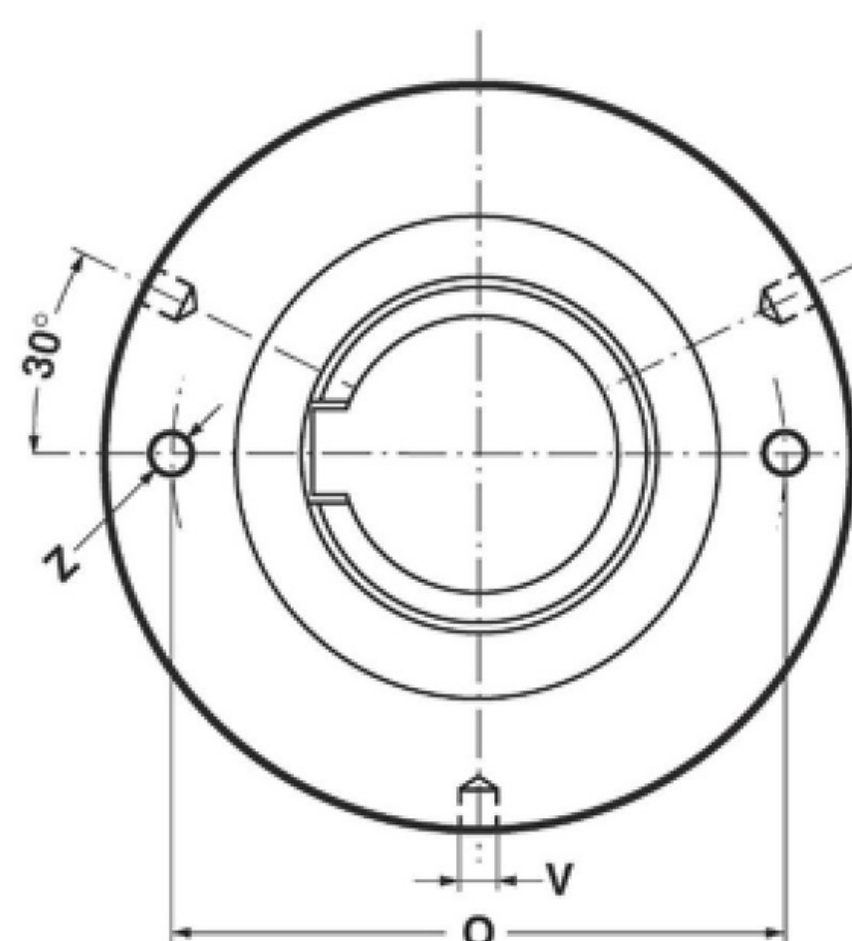
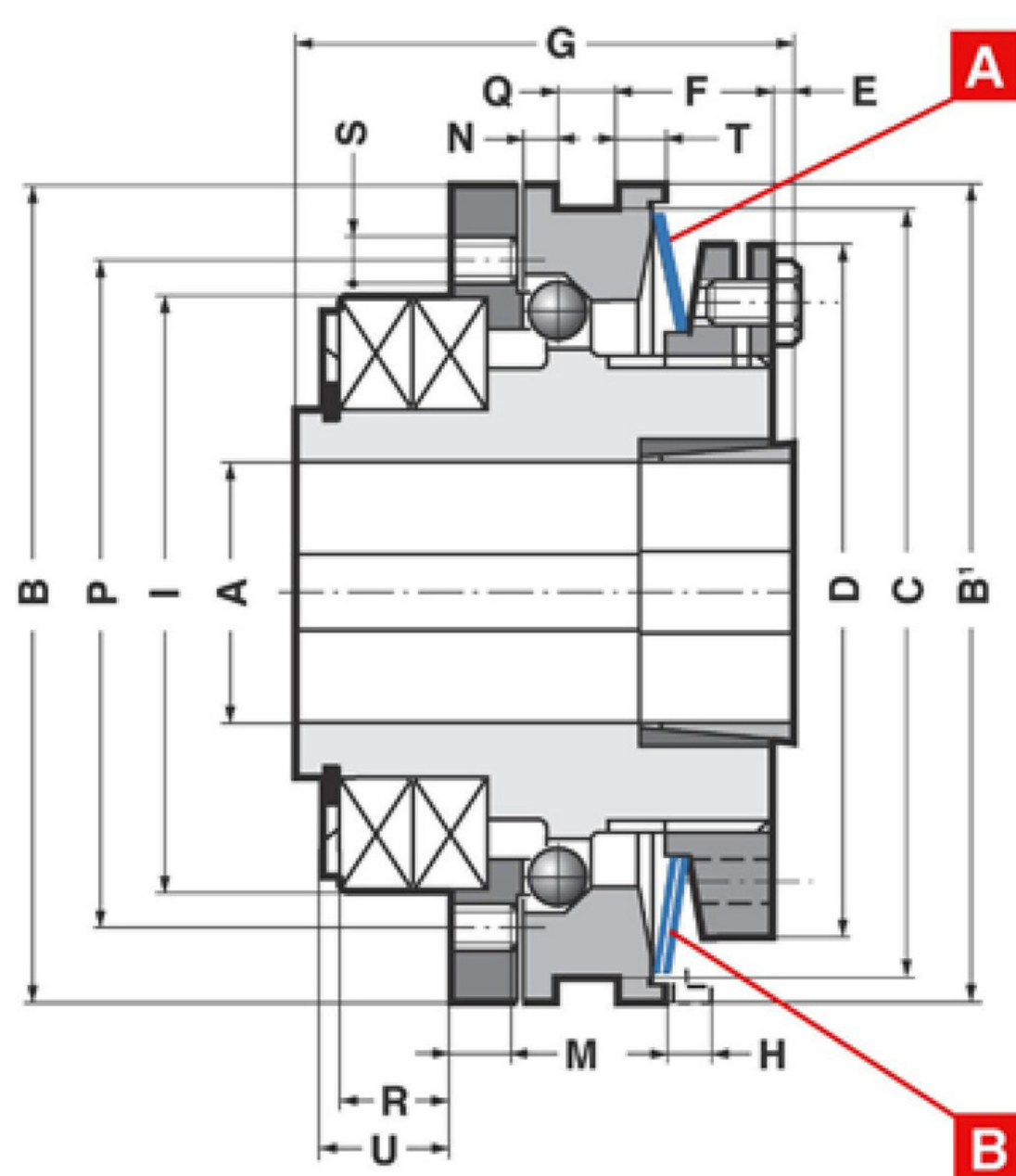
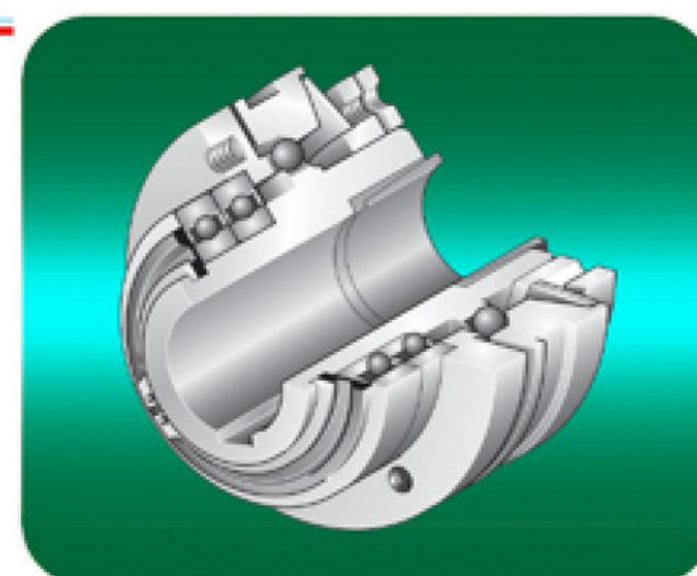
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Limitatori di coppia “senza gioco” con doppio cuscinetto e bussola conica interna

“Backlash-free” torque limiters with double bearing and internal conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

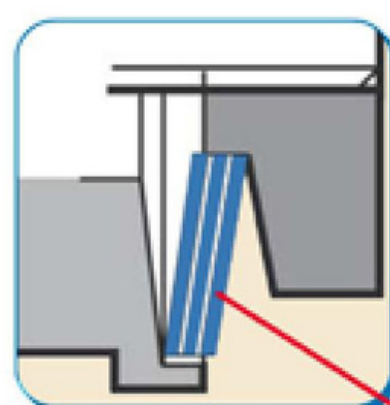
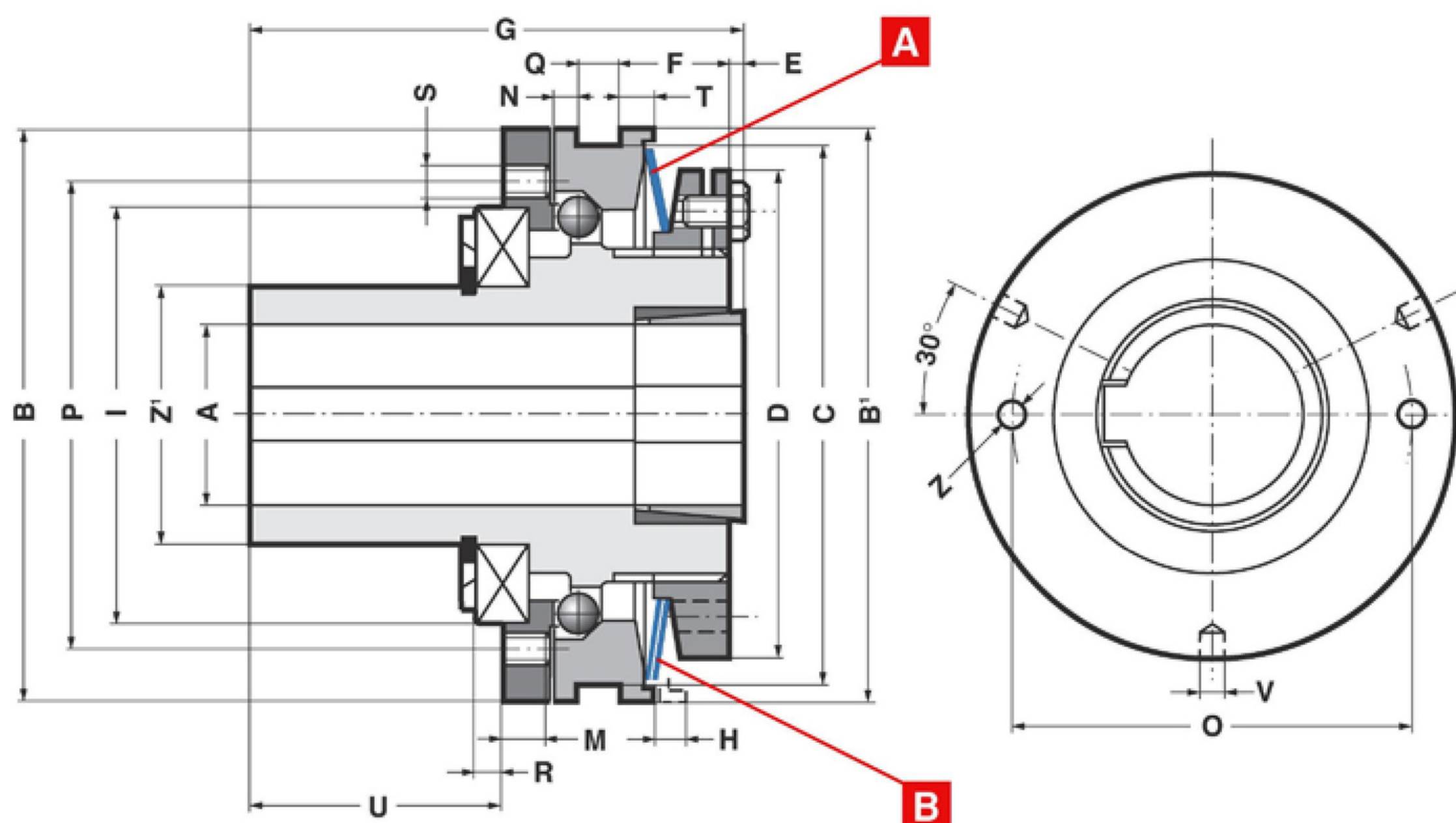
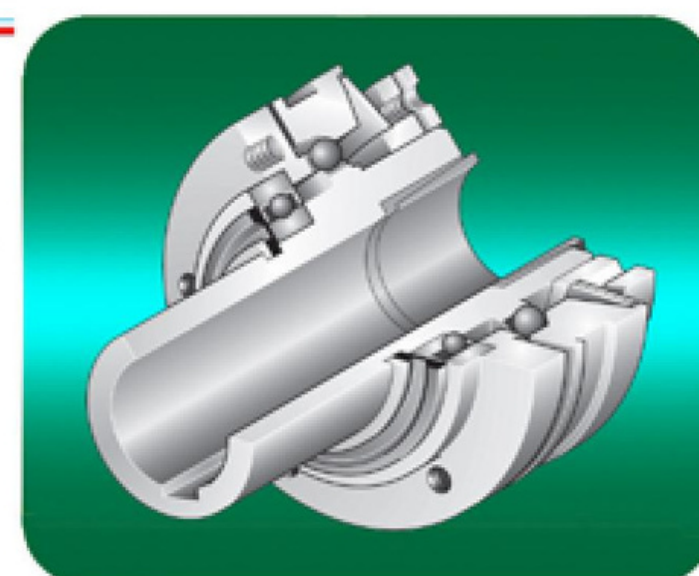
	rpm	A ^{H7}	B	B ¹	C	D	E	F	G	H	I ^{h5}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	1	20	46	1,2	47	6	-	47	53	-	12	M4	10	15	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	1	17	53	1,5	62	7	2	53	69	7,5	13	M5	7	17	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	2	19	60	1,8	68	7,5	2	63	80	7,5	14	M6	9	19	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	2	21	65	2	80	8	3	78	90	9	15	M6	9	20	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	2	25	73	2,2	100	9,5	3	95	112	9	16	M8	11	21	6,5	8	-



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Limitatori di coppia “senza gioco” con mozzo portante prolungato e bussola conica interna

“Backlash-free” torque limiters with long load bearing hub and internal conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{h7}	B	B ¹	C	D	E	F	G	H	I ^{h5}	M	N	O	P	Q	R	S	T	U	V	Z	Z ^{1h7}	kg
																		6x60°						
15	3000	14-15-18-19-20	60	64	-	59	1	20	61	1,2	47	6	-	47	53	-	3	M4	10	30	5,5	5	30	-
20	3000	14-15-19-20	79	79	74	64	1	17	71	1,5	62	7	2	53	69	7,5	4	M5	7	35	5,5	5	35	-
25	2000	19-20-24-25	94	94	89	79	2	19	81	1,8	68	7,5	2	63	80	7,5	5	M6	9	40	5,5	6	40	-
35	2000	24-25-28-30-35	109	109	104	94	2	21	93	2	80	8	3	78	90	9	5	M6	9	48	6,5	6	50	-
45	1000	35-38-40-42-45	129	129	124	114	2	25	112	2,2	100	9,5	3	95	112	9	5	M8	11	60	6,5	8	65	-



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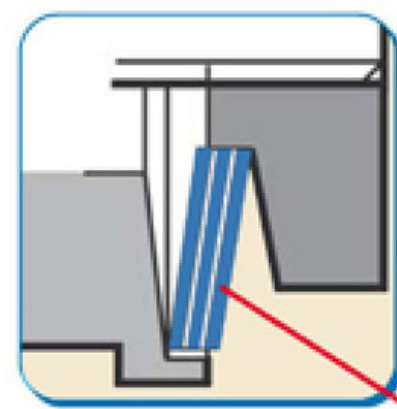
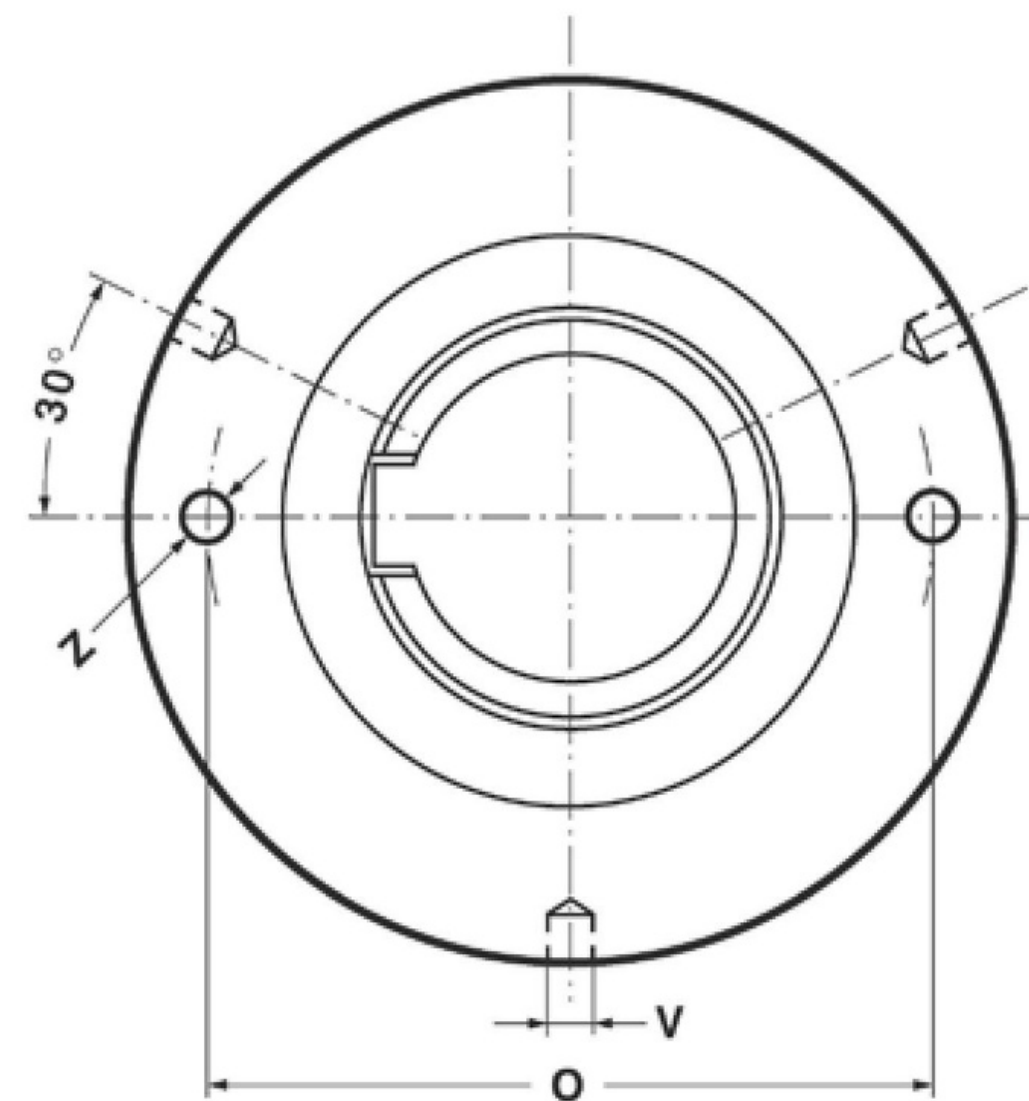
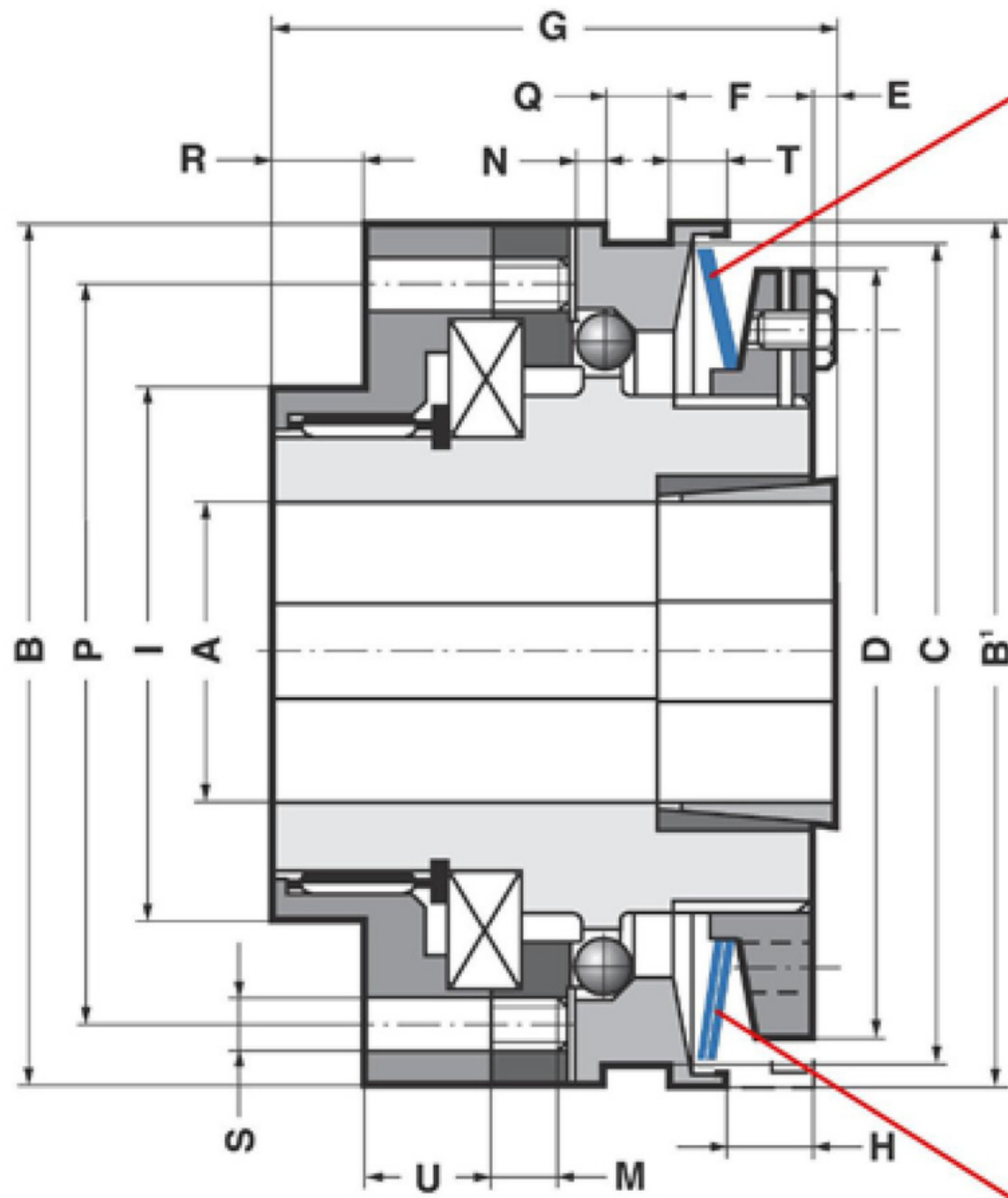
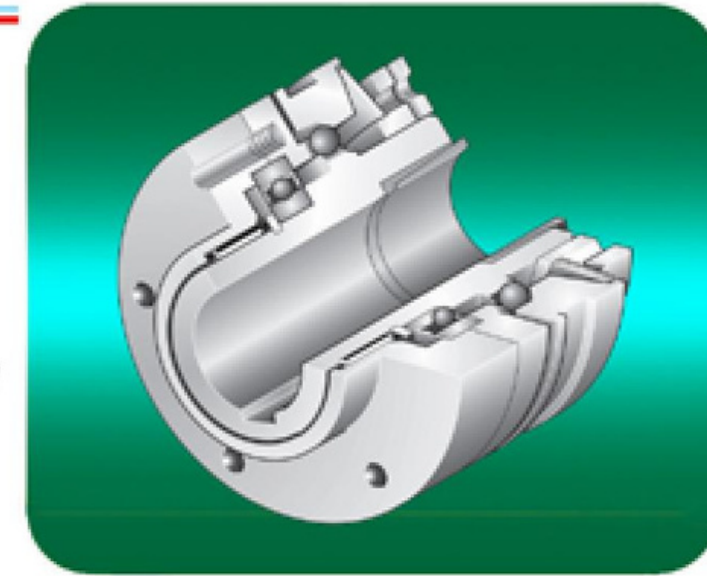
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Limitatori di coppia “senza gioco” con mozzo portante corto e bussola conica interna

“Backlash-free” torque limiters with short load bearing hub and internal conic bush



		15	20	25	35	45
Nm	A	7-15,2	13-28	25-54	50-110	110-215
	B	15-28	26-60	70-110	98-225	205-425
	C	16-49	37-90	77-150	150-296	270-670

	rpm	A ^{H7}	B	B ¹	C	D	E	F	G	H	I ^{h7}	M	N	O	P	Q	R	S 6x60°	T	U	V	Z	kg
15	3000	14-15-18-19-20	60	64	-	59	1	20	52	1,2	40	7	-	47	53	-	8	M4	10	13	5,5	5	-
20	3000	14-15-19-20	79	79	74	64	1	17	58	1,5	45	7	2	53	69	7,5	9	M5	7	13	5,5	5	-
25	2000	19-20-24-25	94	94	89	79	2	19	69	1,8	50	7,5	2	63	80	7,5	14	M6	9	14	5,5	6	-
35	2000	24-25-28-30-35	109	109	104	94	2	21	75	2	60	8	3	78	90	9	15	M6	9	17	6,5	6	-
45	1000	35-38-40-42-45	129	129	124	114	2	25	84	2,2	80	9,5	3	95	112	9	15	M8	11	18	6,5	8	-

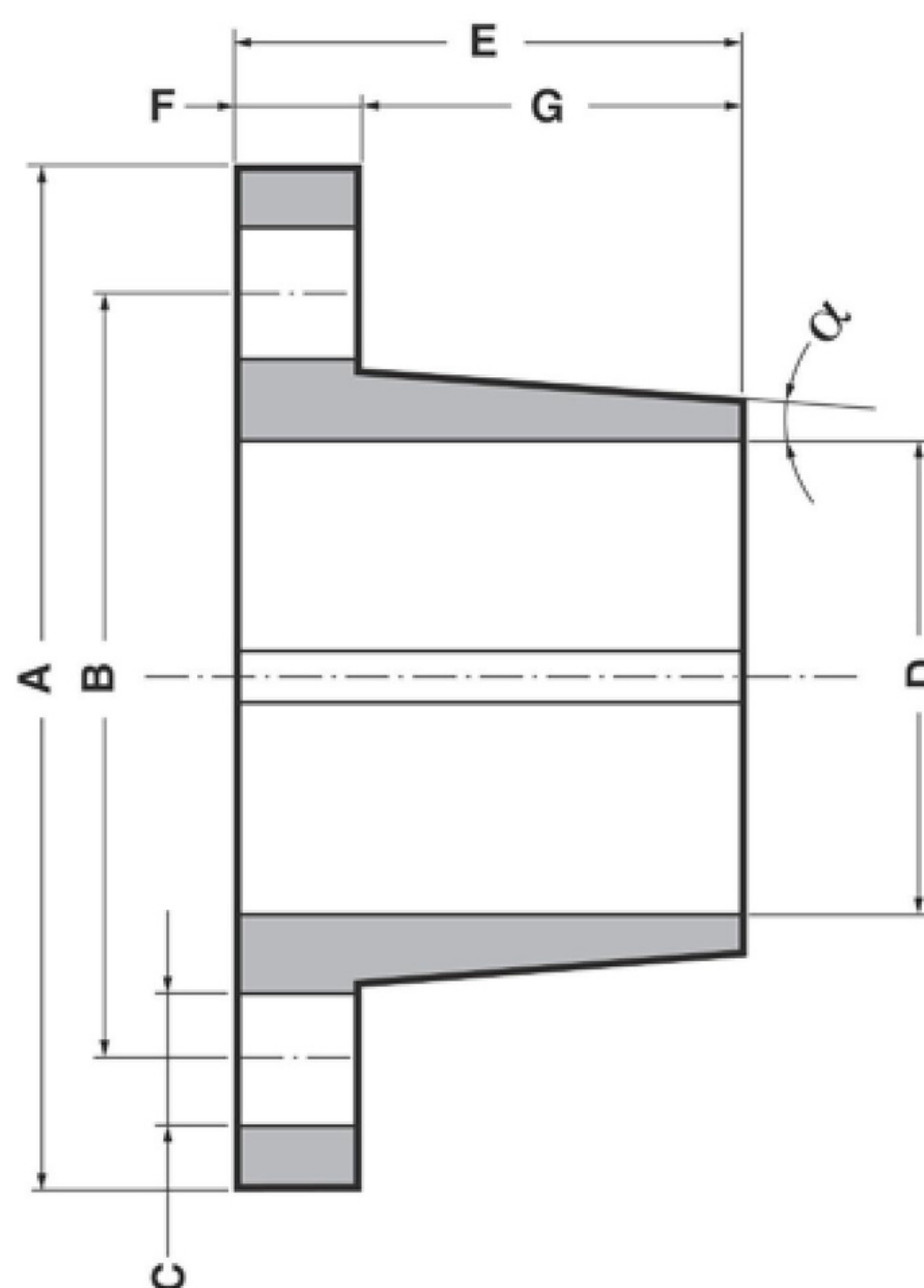


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Bussola conica

Conic bush



	A	B	C	D	E	F	G	α
11	32	22	4,5	11	23	4	19	4°
12				12				
14				14				
● 15	38	27,5		15				
● 19				19				
● 20				20				
24	50	38	7	24	25	6	4°45°	
25				25				
28				28				
30	55	43		30				
35				43				
38	65	53		38				
40				40				
● 42				42				
45	75	60,5	8,5	45	30	8	22	

● TIPI MODIFICATI / MODIFIED TYPES

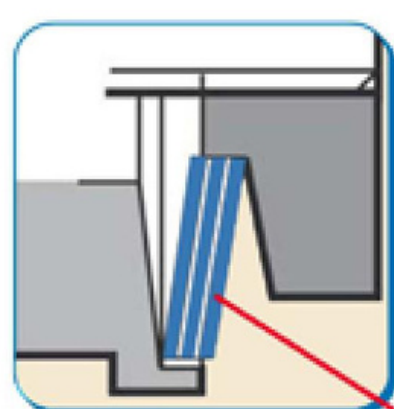
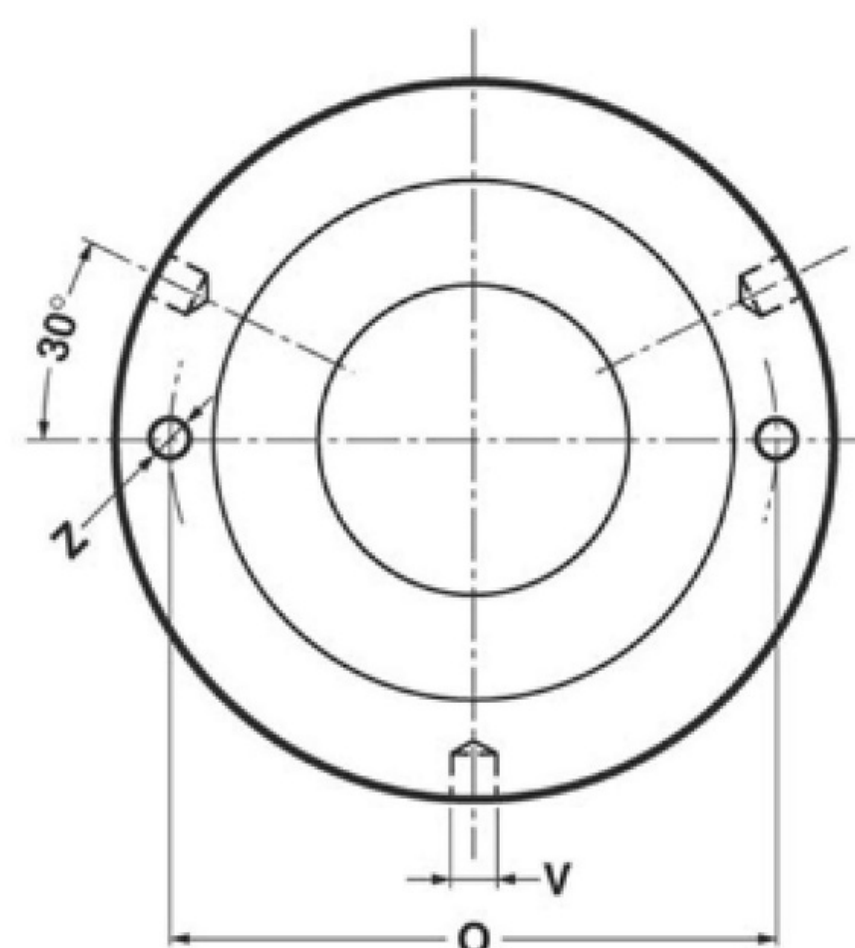
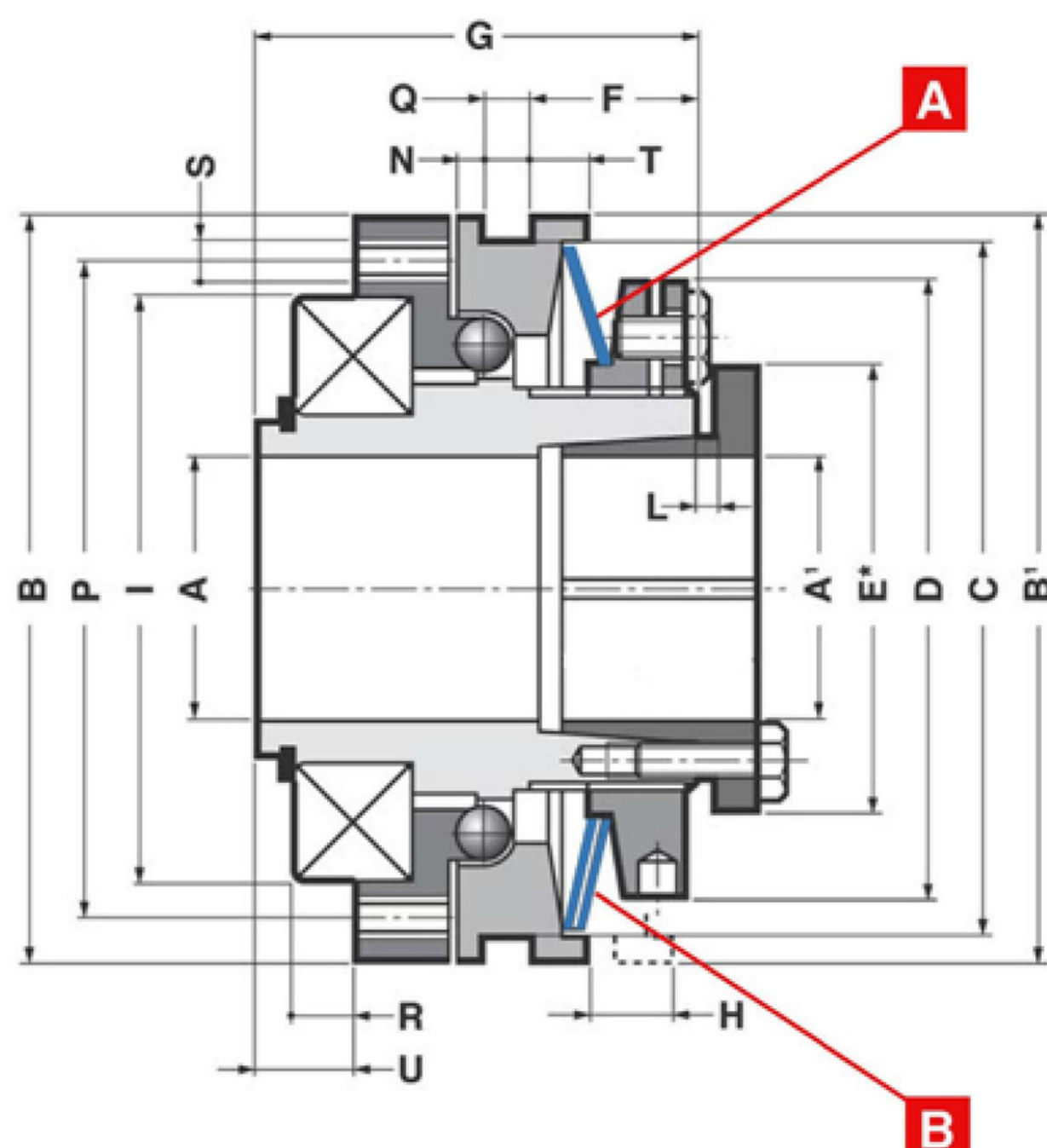


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Limitatori di coppia “senza gioco” con bussola conica -
STANDARD

“Backlash-free” conic bush torque limiters - STANDARD



		15	20	25	35
Nm	A	7-15,2	13-28	25-54	50-110
	B	15-28	26-60	70-110	98-225
	C	16-49	37-90	77-150	150-296

	rpm	A ^{H7} - A ^{1F8}	B	B ¹	C	D	E	F	G	H	I ^{h5}	L	N	O	P	Q	R	S	T	U	V	Z	kg
15	3000	15-19-20-24-25	64	64	60	64	38 + 44	15	37	1,2	47	2	-	53	56	6	5	M4	3	8	5,5	5	-
20	3000	19-20-24-25	79	79	74	64	42 + 44	17	48	1,5	62	2	2	53	71	7,5	7	M5	7	11	5,5	5	1,05
25	2000	24-25-28-30-35	94	94	89	79	38 + 55	21	58	1,8	75	2	2	63	85	7,5	9	M6	9	13	5,5	6	-
35	2000	35-38-40-42-45	109	109	104	94	50 + 70	25	68	2	90	2	3	78	100	9	10	M6	9	15	6,5	6	-



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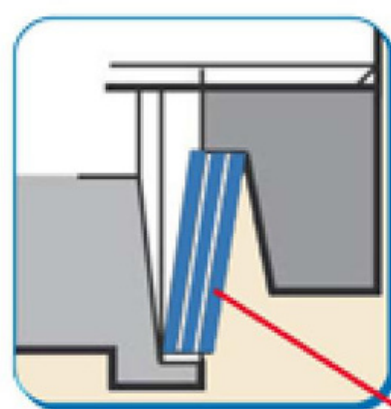
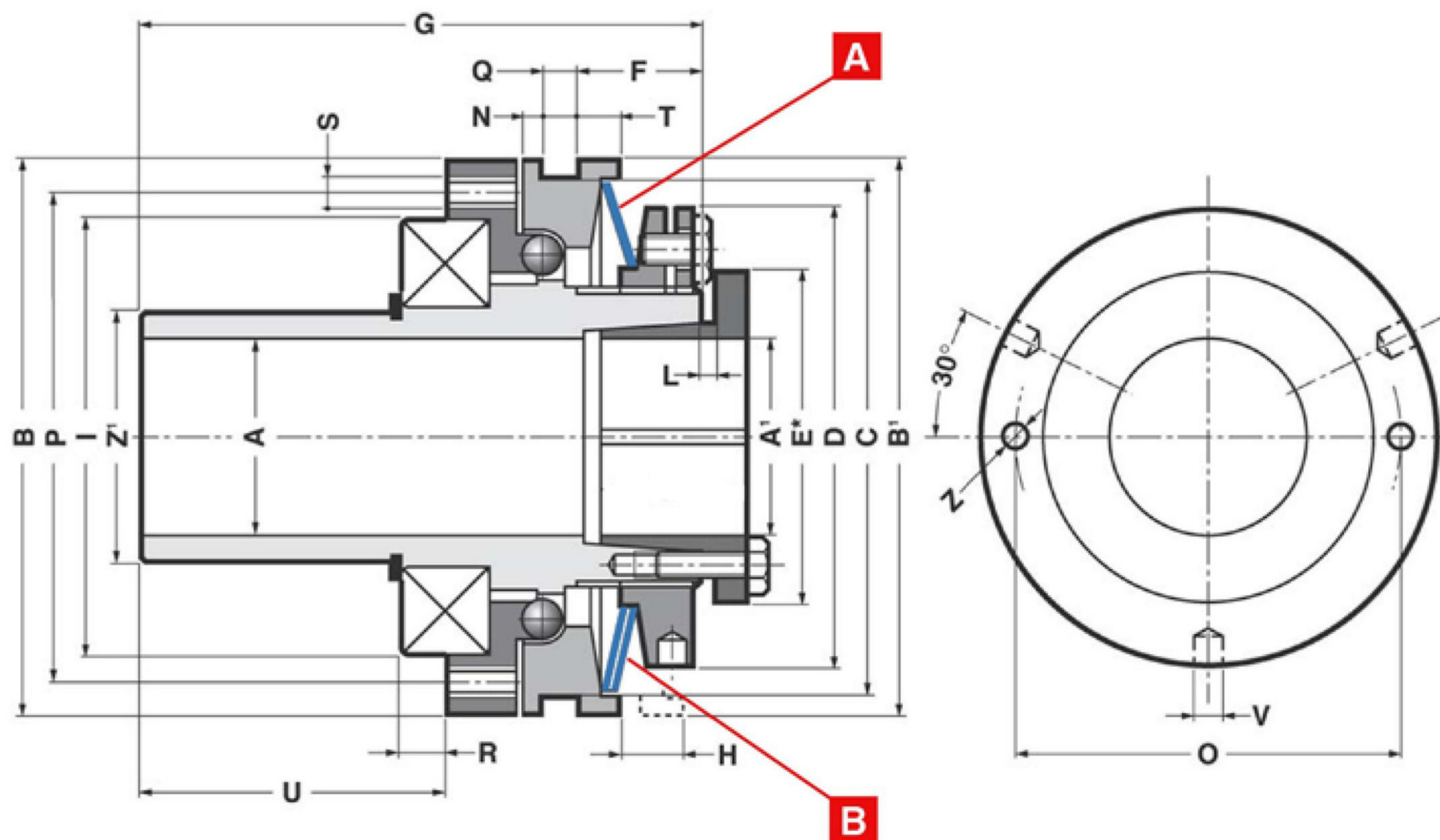
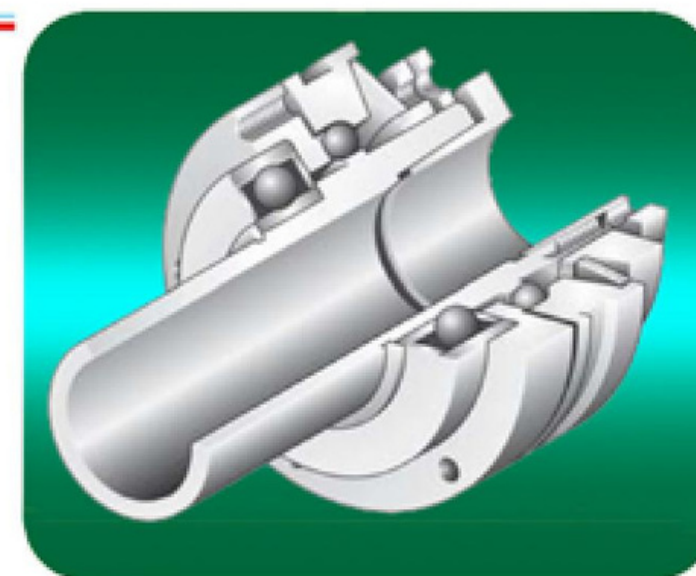


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Limitatori di coppia “senza gioco” con mozzo portante prolungato e bussola conica

“Backlash-free” torque limiters with long load bearing hub and conic bush



		15	20	25	35
Nm	A	7-15,2	13-28	25-54	50-110
	B	15-28	26-60	70-110	98-225
	C	16-49	37-90	77-150	150-296

	rpm	A ^{H7} - A ^{F8}	B	B ¹	C	D	E	F	G	H	I ^{h5}	L	N	O	P	Q	R	S	T Øx45°	U	V	Z	Z ^{1h7}	kg
15	3000	15-19-20-24-25	64	64	60	64	38 + 44	15	62	1,2	47	2	-	53	56	6	5	M4	3	33	5,5	5	30	-
20	3000	19-20-24-25	79	79	74	64	42 + 44	17	80	1,5	62	2	2	53	71	7,5	7	M5	7	43	5,5	5	35	-
25	2000	24-25-28-30-35	94	94	89	79	38 + 55	21	100	1,8	75	2	2	63	85	7,5	9	M6	9	55	5,5	6	45	-
35	2000	35-38-40-42-45	109	109	104	94	50 + 70	25	119	2	90	2	3	78	100	9	10	M6	9	66	6,5	6	55	-



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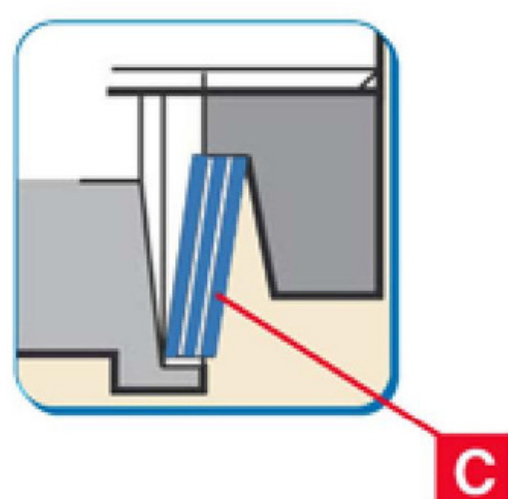
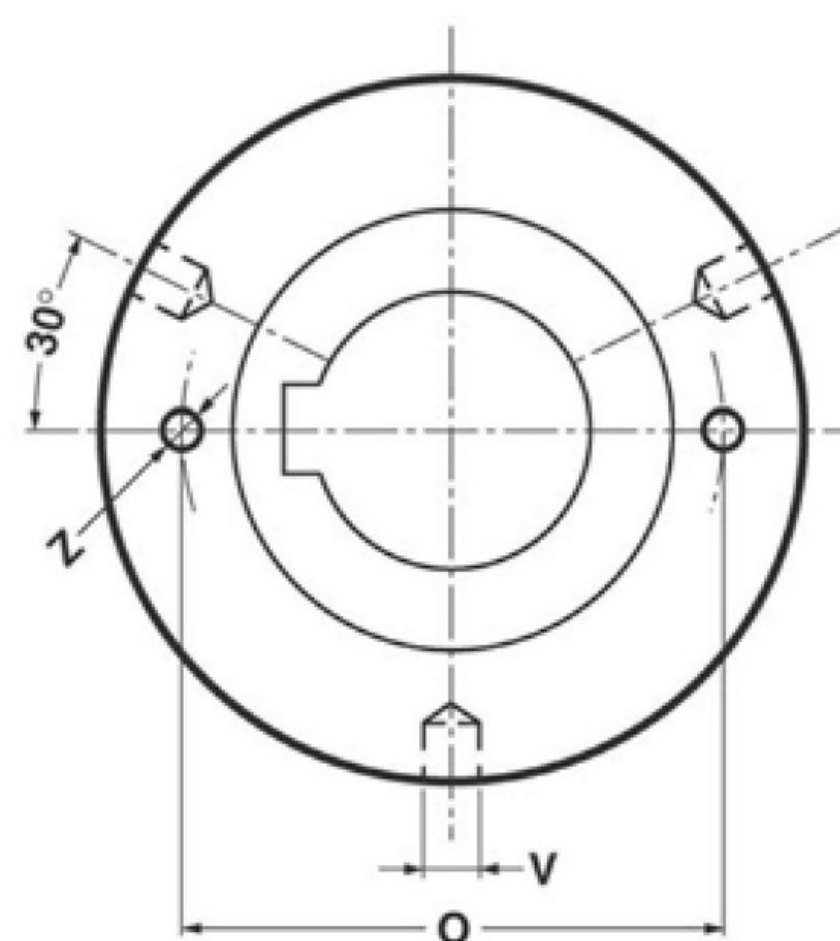
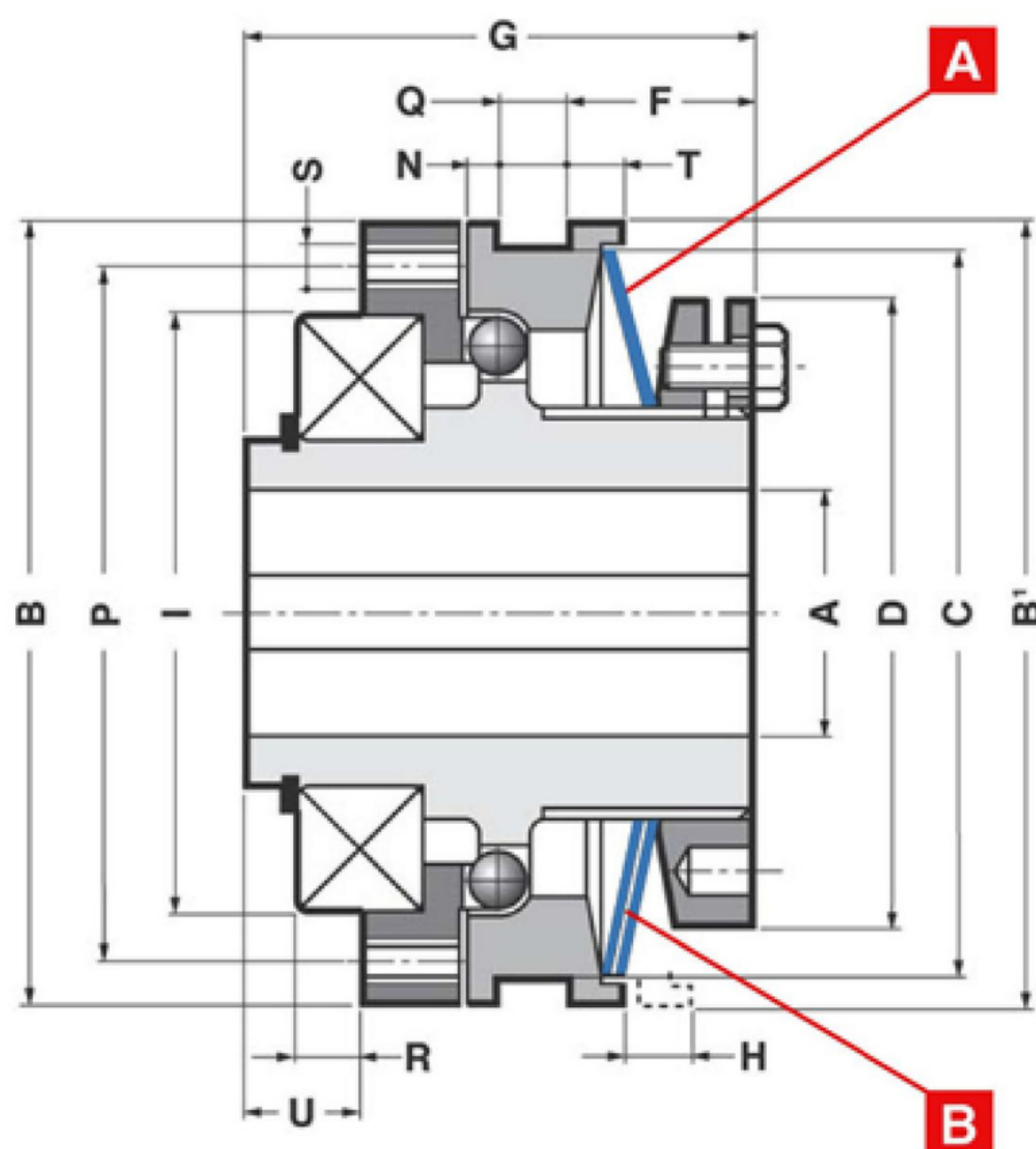


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Limitatori di coppia “senza gioco” con foro passante -
STANDARD

*“Backlash-free” torque limiters with through hole -
STANDARD*



		15	20	25	35
Nm	A	7-15,2	13-28	25-54	50-110
	B	15-28	26-60	70-110	98-225
	C	16-49	37-90	77-150	150-296

	rpm	A ^{H7}	B	B ¹	C	D	F	G	H	I ^{h5}	N	O	P	Q	R	S 8x45°	T	U	V	Z	kg
15	3000	14-15-19-20	64	64	60	64	15	37	1,2	47	-	53	56	6	5	M4	3	8	5,5	5	-
20	3000	14-15-19-20-24-25	79	79	74	64	17	48	1,5	62	2	53	71	7,5	7	M5	7	11	5,5	5	1,06
25	2000	19-20-24-25-28-30	94	94	89	79	21	58	1,8	75	2	63	85	7,5	9	M6	9	13	5,5	6	1,7
35	2000	28-30-35-38-40	109	109	104	94	25	68	2	90	3	78	100	9	10	M6	9	15	6,5	6	-



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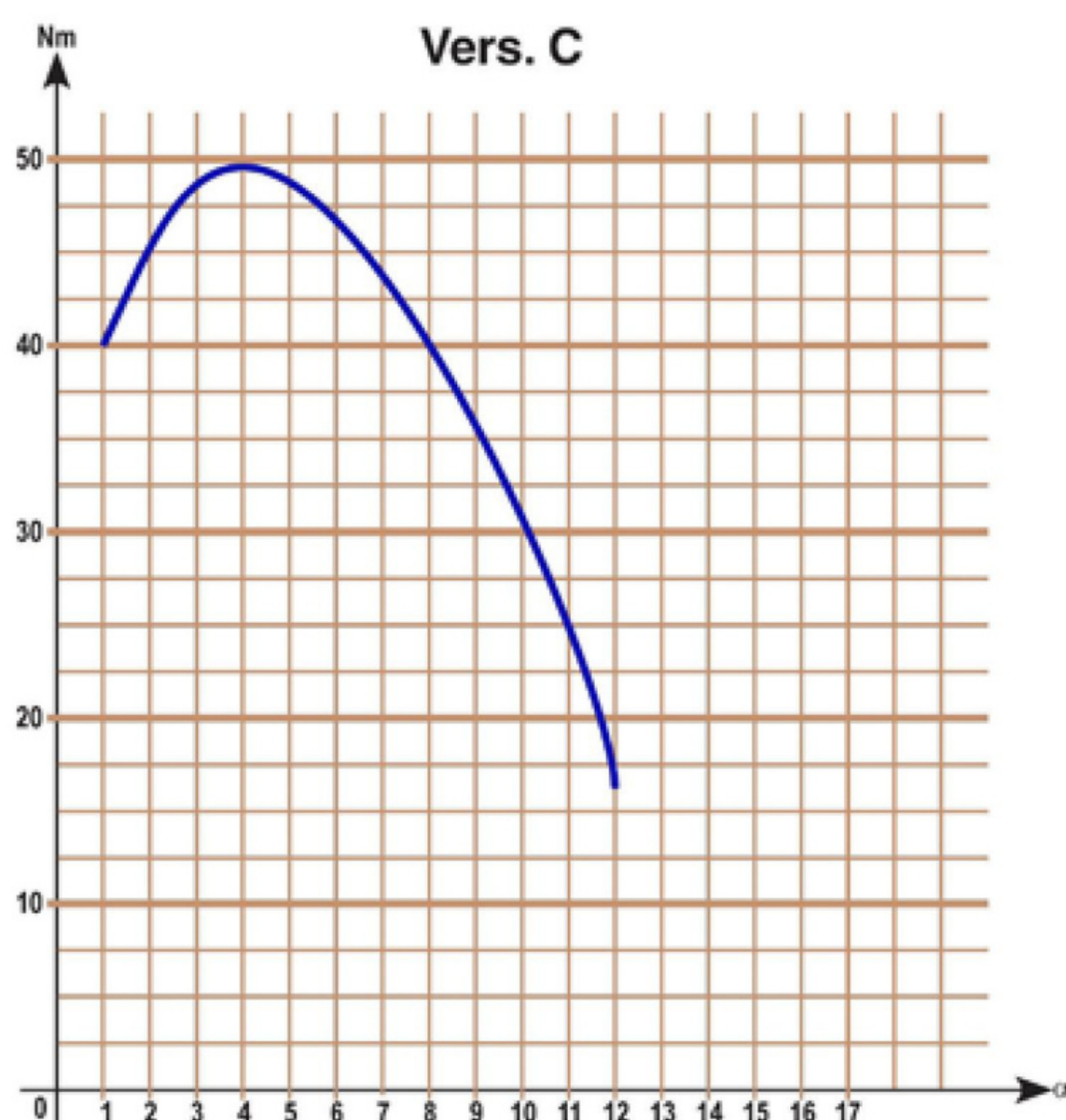
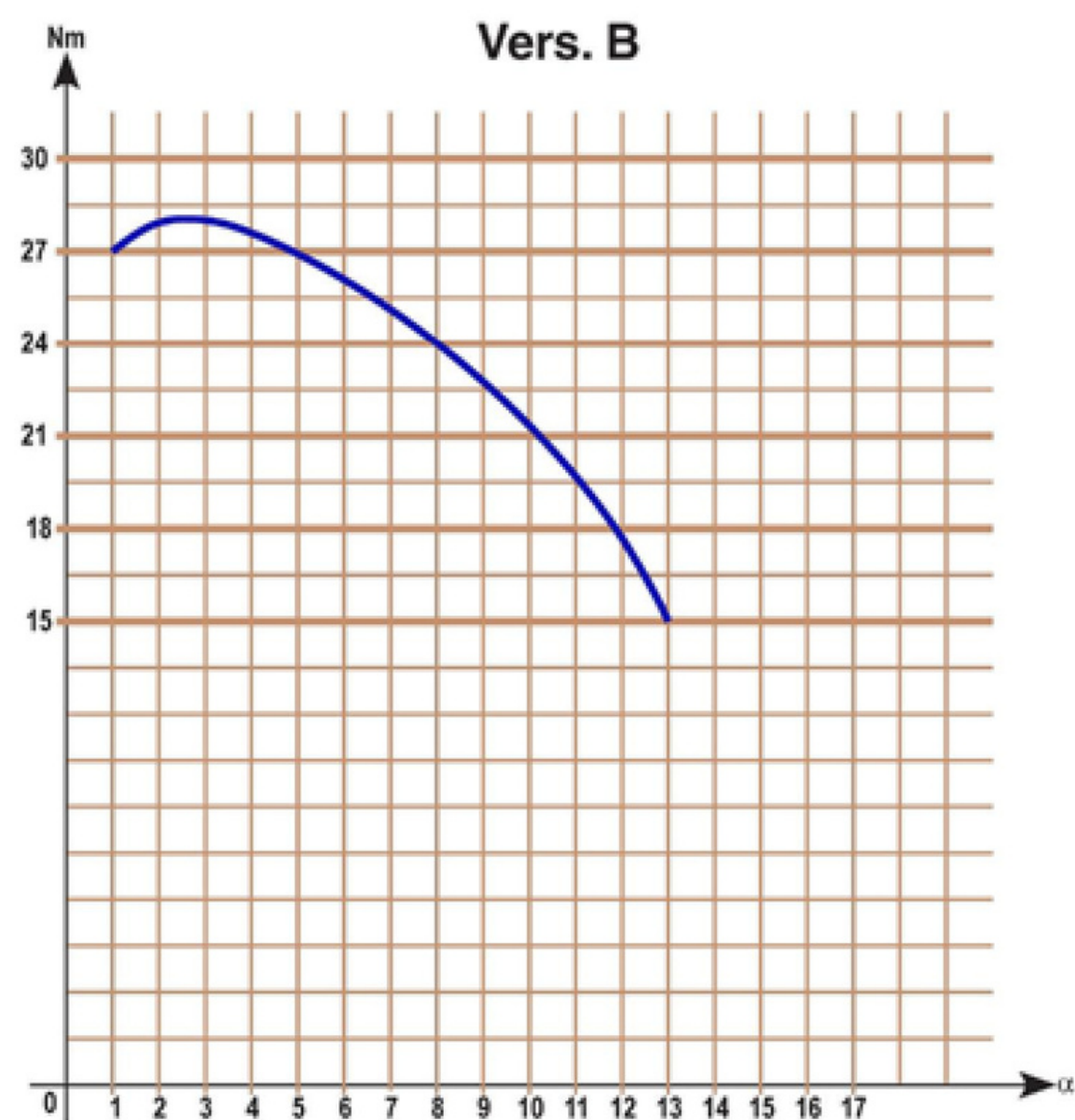
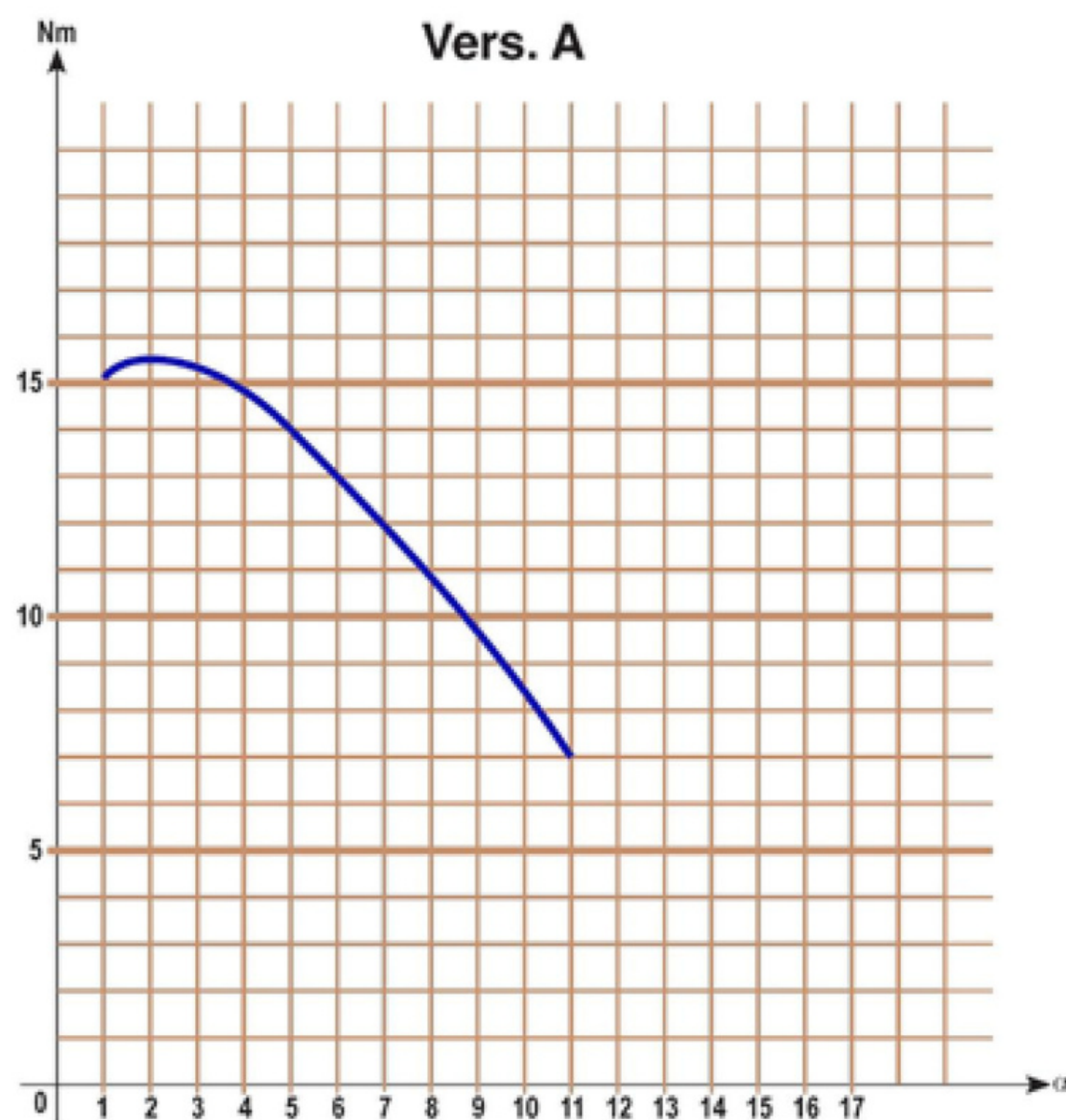
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DGZ-ZGS/15**Diagramma coppie****e derivate / and spin-off****Torques diagrams**

Valori di carico variabili secondo Norme:

Varying load readings in accordance with Regulations:

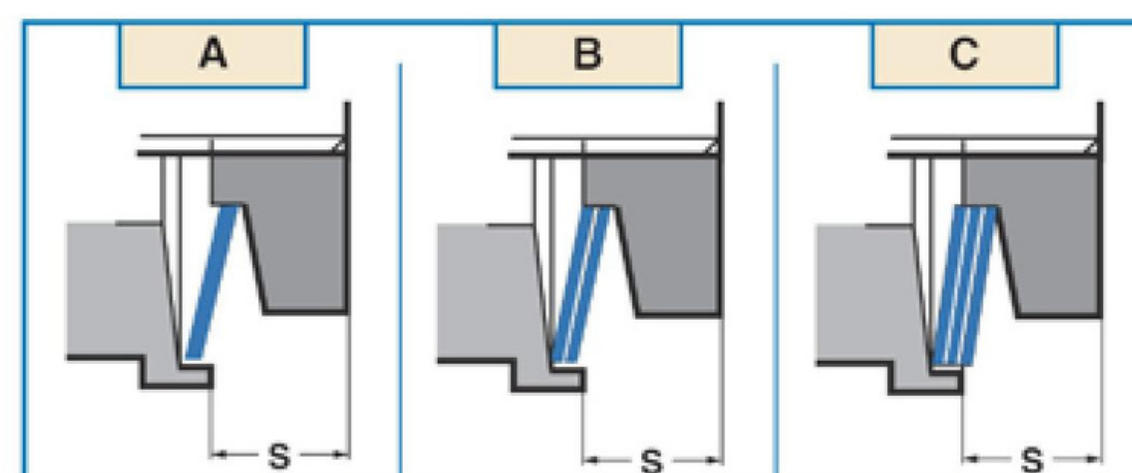
UNI 8736-7, DIN 2093



N	S			Nm		
	A	B	C	A	B	C
1	8,4	9,4	10,4	15,1	27	40
2	8,2	9,3	10,3	15,5	28	45
3	8,0	9,1	10,1	15,2	28	47
4	7,8	9	9,9	14,5	27,4	49
5	7,6	8,8	9,7	14	27	47
6	7,4	8,7	9,6	13	26	45,5
7	7,2	8,5	9,4	12	24,5	44,5
8	7,1	8,4	9,2	11	24	39
9	7,0	8,3	8,9	9,9	22,7	34,5
10	6,85	8,1	8,7	8,5	21,8	30
11	6,5	7,9	8,5	7	20	25
12		7,7	8,2		17	16
13		7,5			15	

una divisione = 60°
corrispondente a n° 2
tacche, sul dispositivo.

one division = 60°
corresponding to no. 2
marks, on the device.



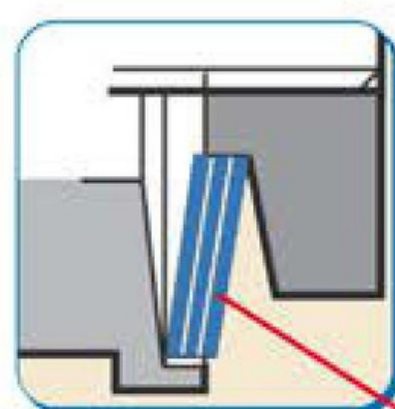
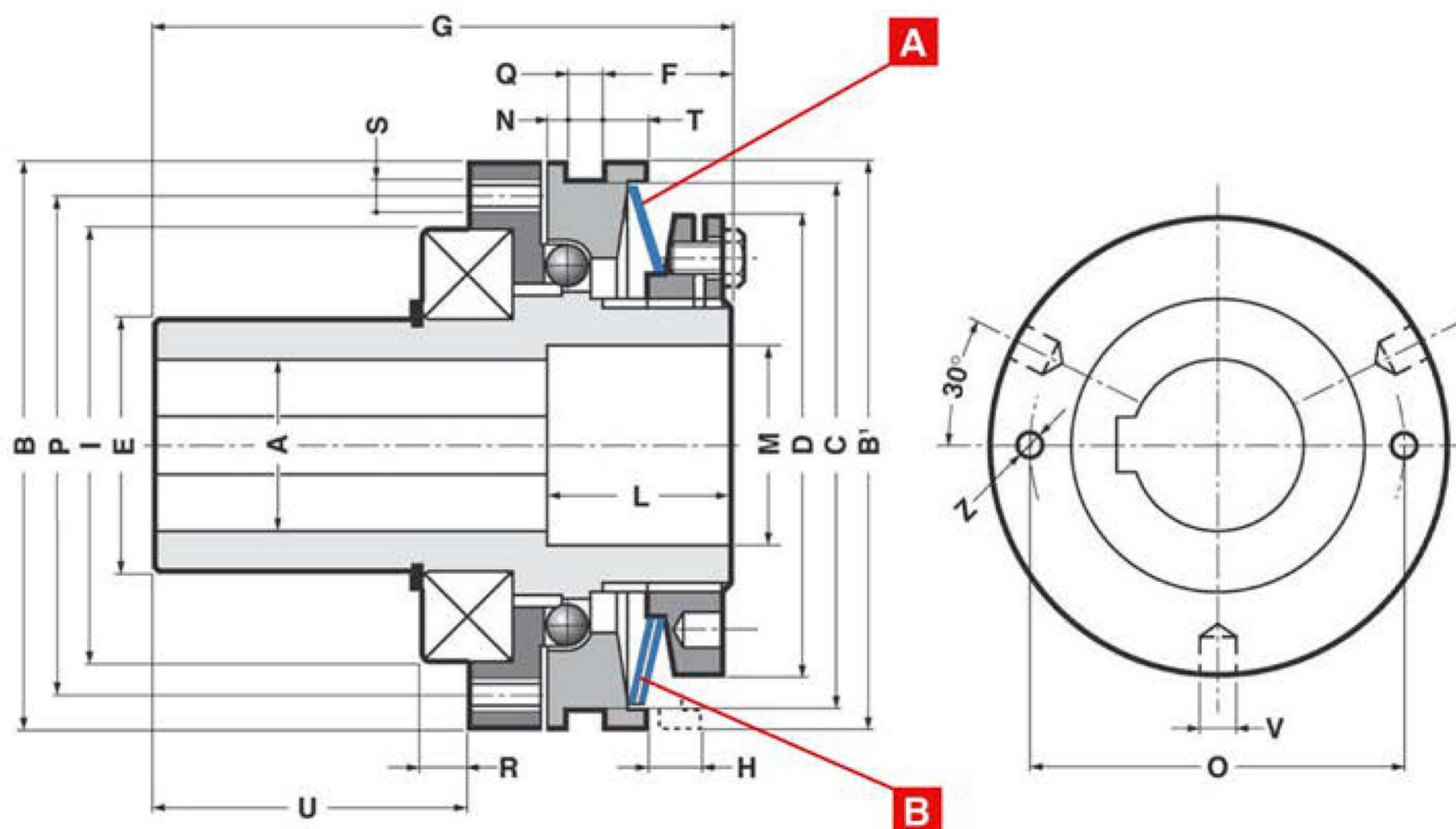


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Limitatori di coppia “senza gioco” con mozzo prolungato e foro passante

“Backlash-free” torque limiters with long load bearing hub and through hole



C

		15	20	25	35
Nm	A	7-15,2	13-28	25-54	50-110
	B	15-28	26-60	70-110	98-225
	C	16-49	37-90	77-150	150-296

	rpm	A ^{H7}	B	B ¹	C	D	E ^{H7}	F	G	H	I ^{H5}	L	M	N	O	P	Q	R	S	T	U	V	Z	kg
																			8x45°					
15	3000	14-15-19-20	64	64	60	64	30	15	62	1,2	47	22	26	-	53	56	6	5	M4	3	33	5,5	5	-
20	3000	19-20-24-25	79	79	74	64	35	17	80	1,5	62	26	32	2	53	71	7,5	7	M5	7	43	5,5	5	-
25	2000	19-20-24-25-28-30	94	94	89	79	45	21	100	1,8	75	32	37	2	63	85	7,5	9	M6	9	55	5,5	6	-
35	2000	28-30-35-38-40	109	109	104	94	55	25	119	2	90	37	48	3	78	100	9	10	M6	9	66	6,5	6	-



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Diagramma coppie

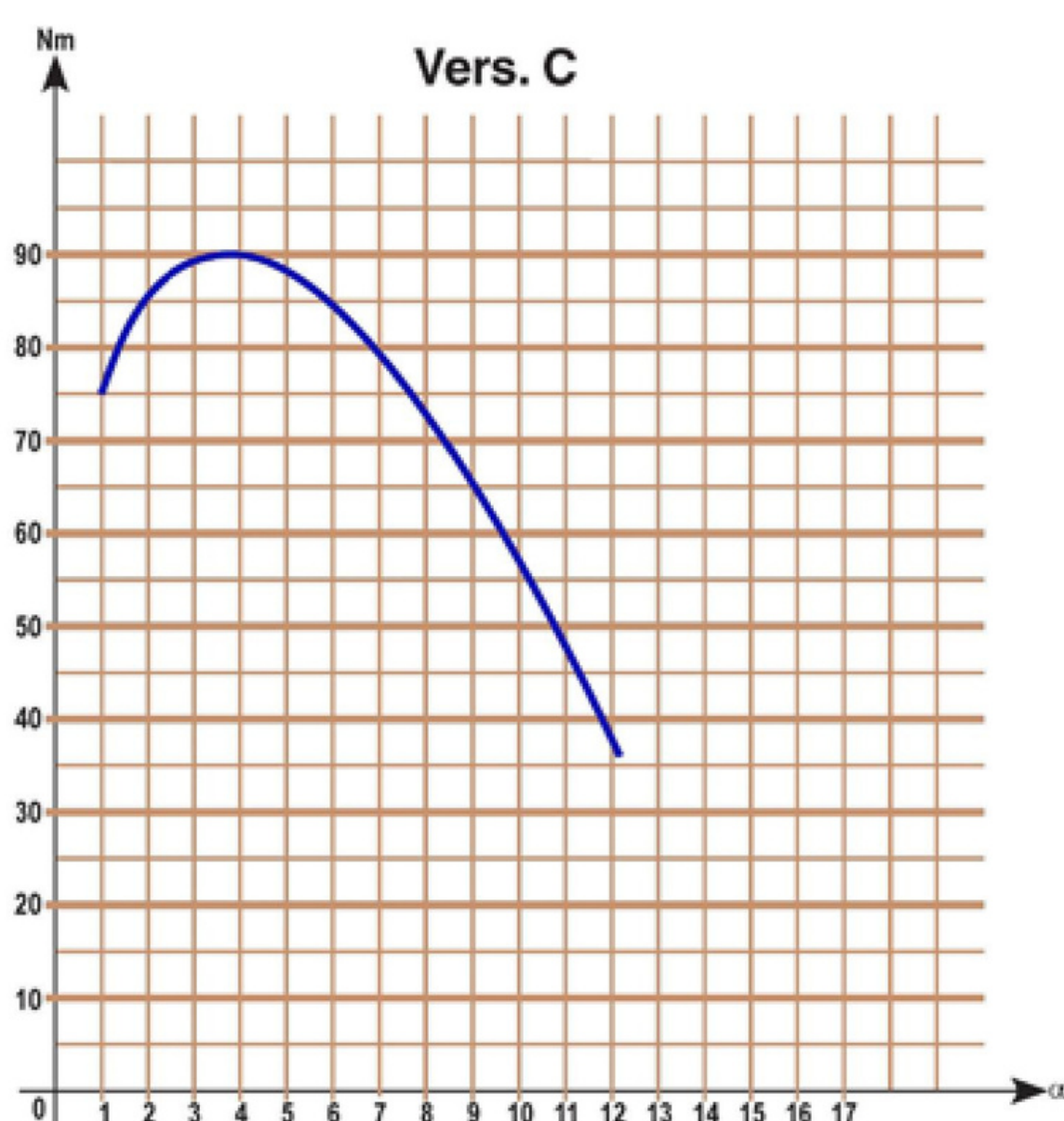
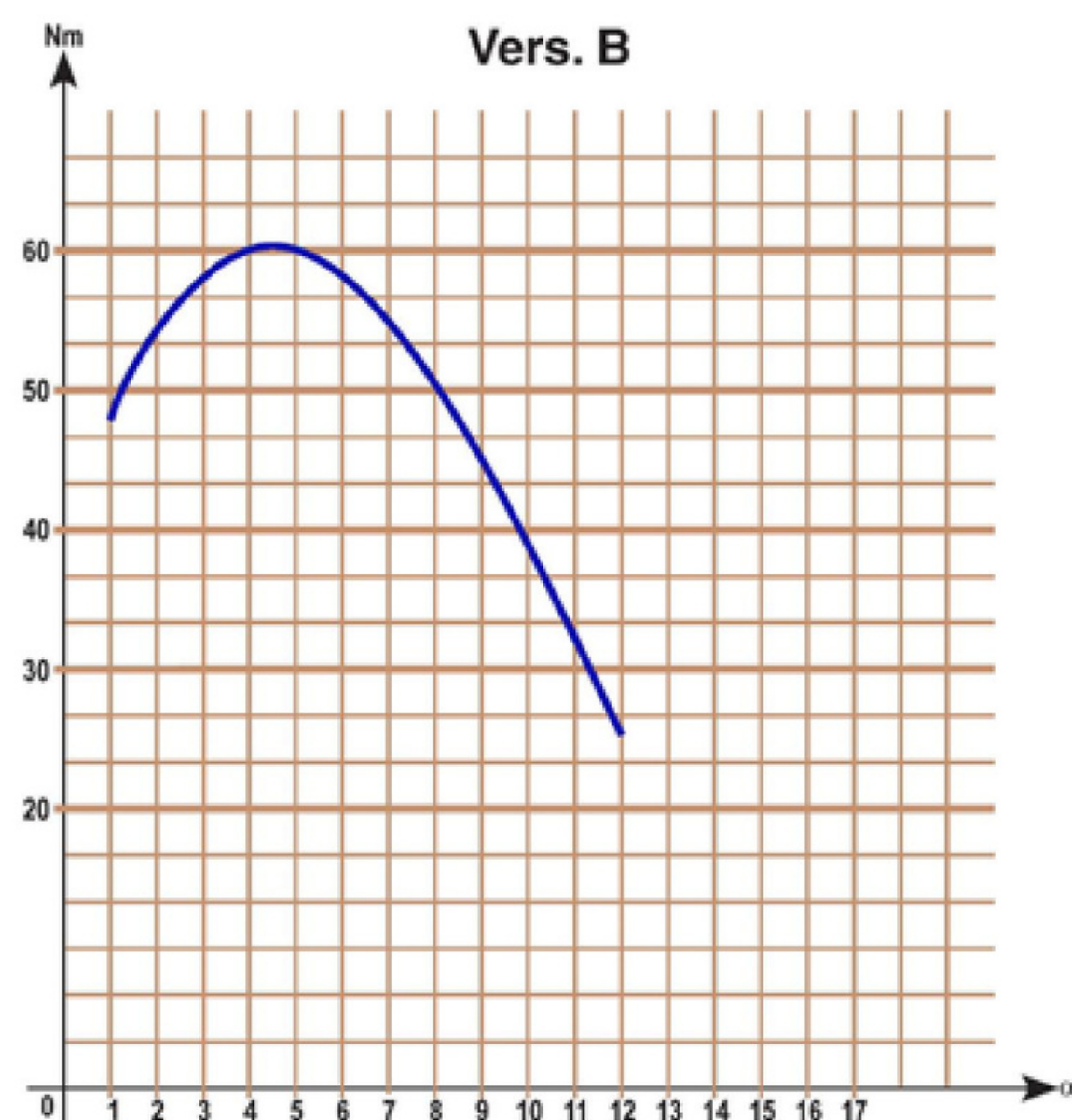
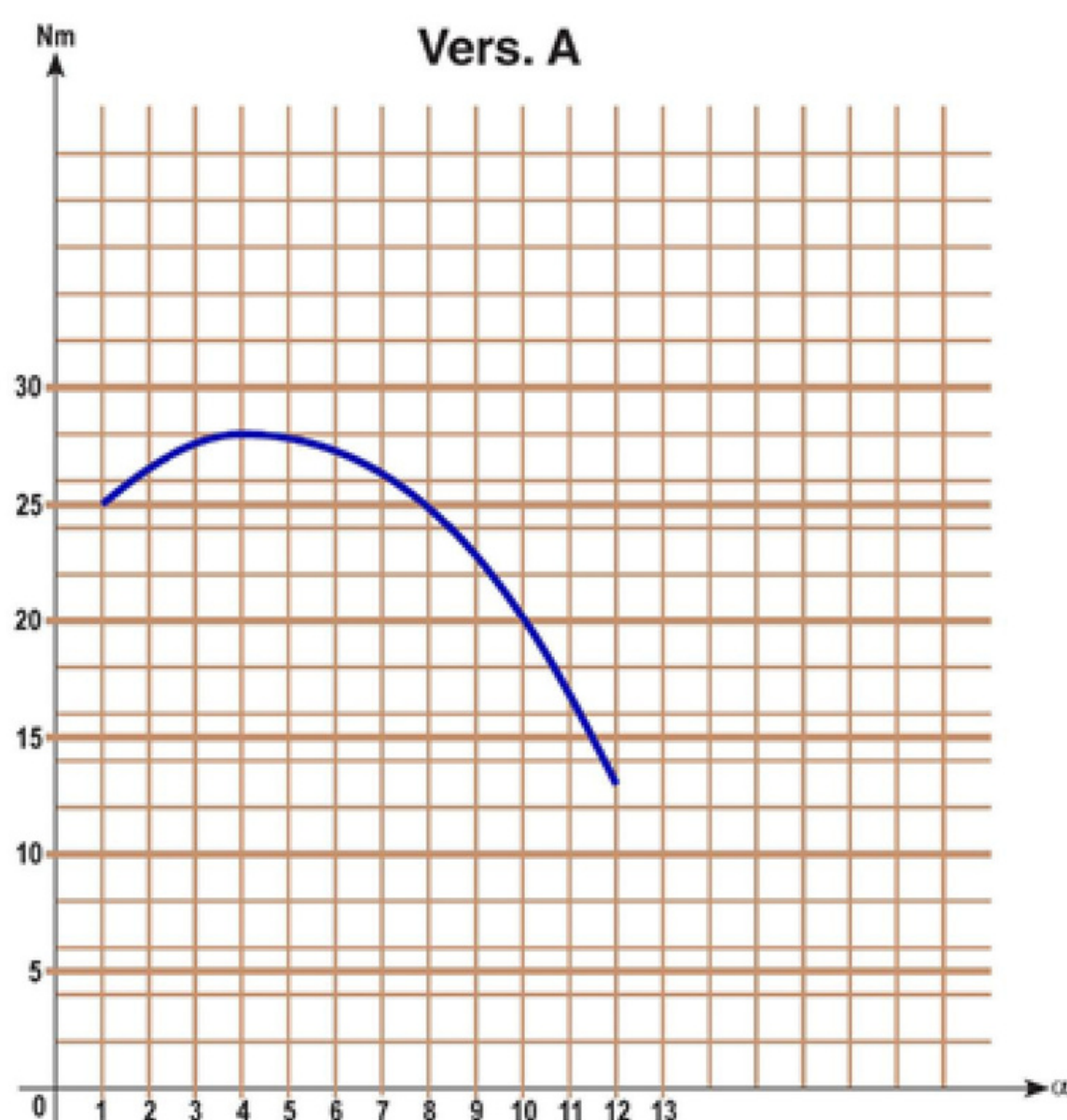
e derivate / and spin-off

Torques diagrams

Valori di carico variabili secondo Norme:

Varying load readings in accordance with Regulations:

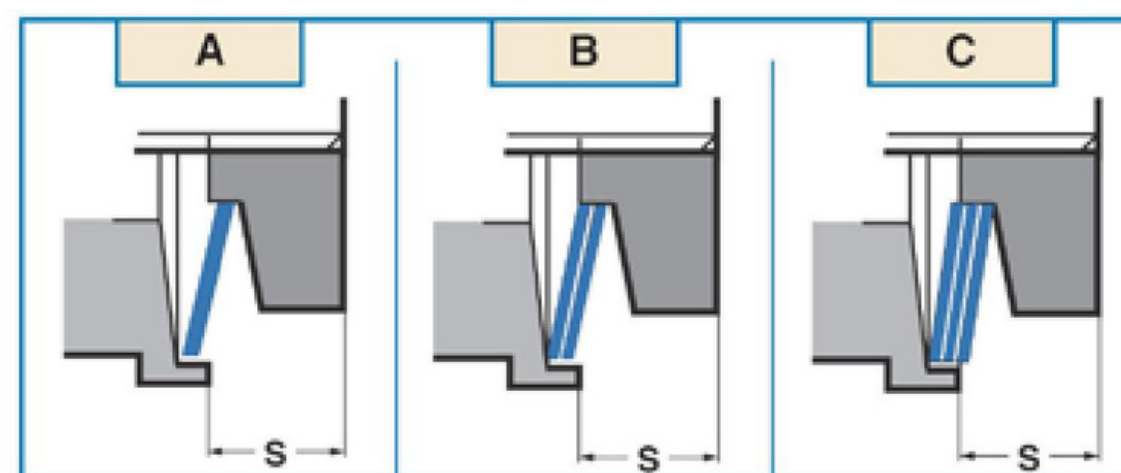
UNI 8736-7, DIN 2093



N	S			Nm		
	A	B	C	A	B	C
1	8,3	9,4	10,5	25	48	75
2	8,1	9,3	10,3	26,5	55	80
3	7,9	9,1	10	27,5	55	90
4	7,7	8,9	9,7	28	60	85
5	7,3	8,6	9,6	27,5	60	83
6	7,0	8,3	9,2	27	59	82
7	6,8	8,0	8,9	26,5	55	81,5
8	6,6	7,6	8,6	25	50	75
9	6,3	7,3	8,3	23,5	48	63
10	6,1	7,1	8,1	20	41	55
11	6,0	6,9	8,0	16	35	43
12	5,8	6,6	7,8	13	27,5	37
13		6,4			26	

una divisione = 60°
corrispondente a n° 2
tacche, sul dispositivo.

one division = 60°
corresponding to no. 2
marks, on the device.



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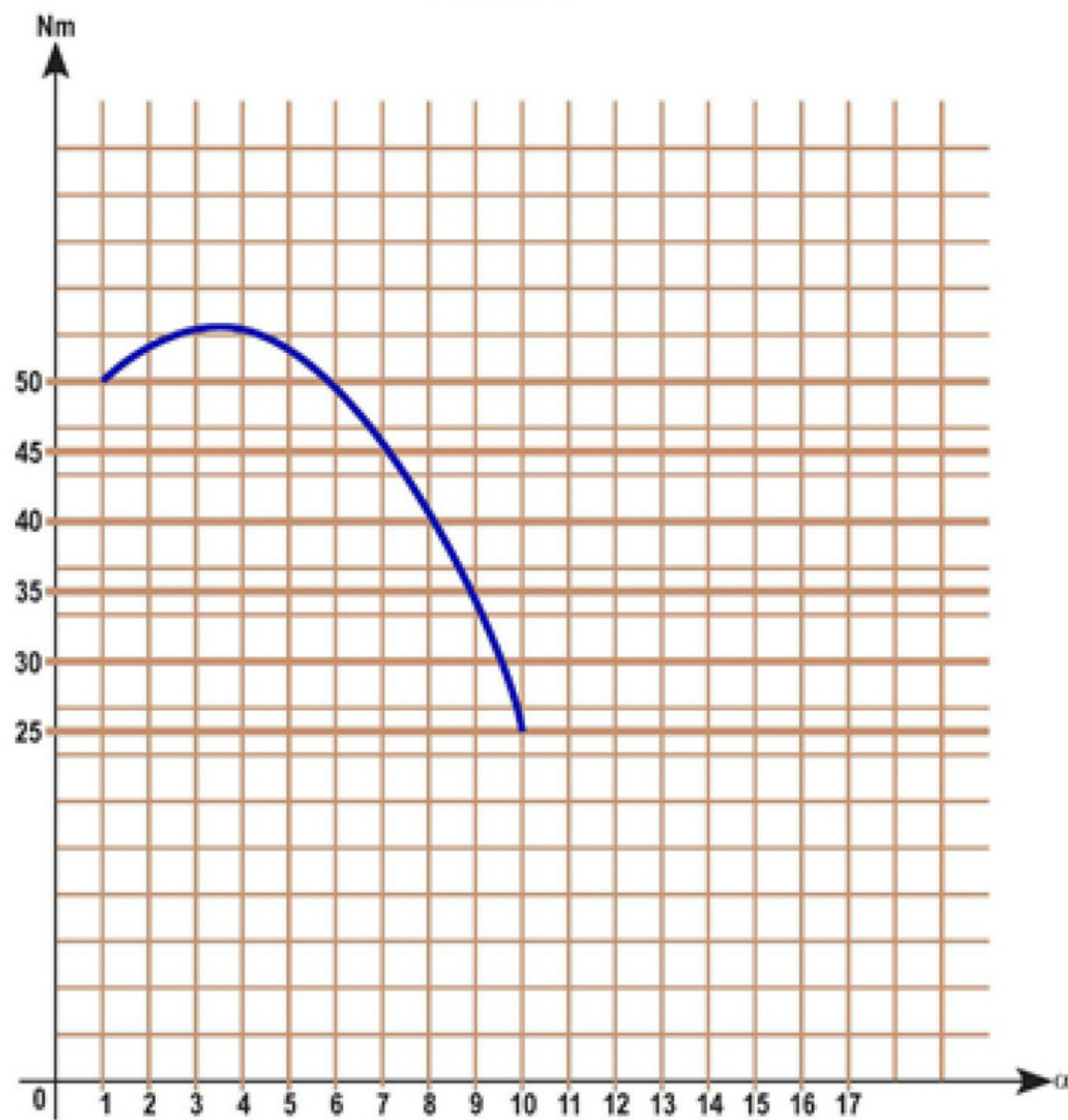
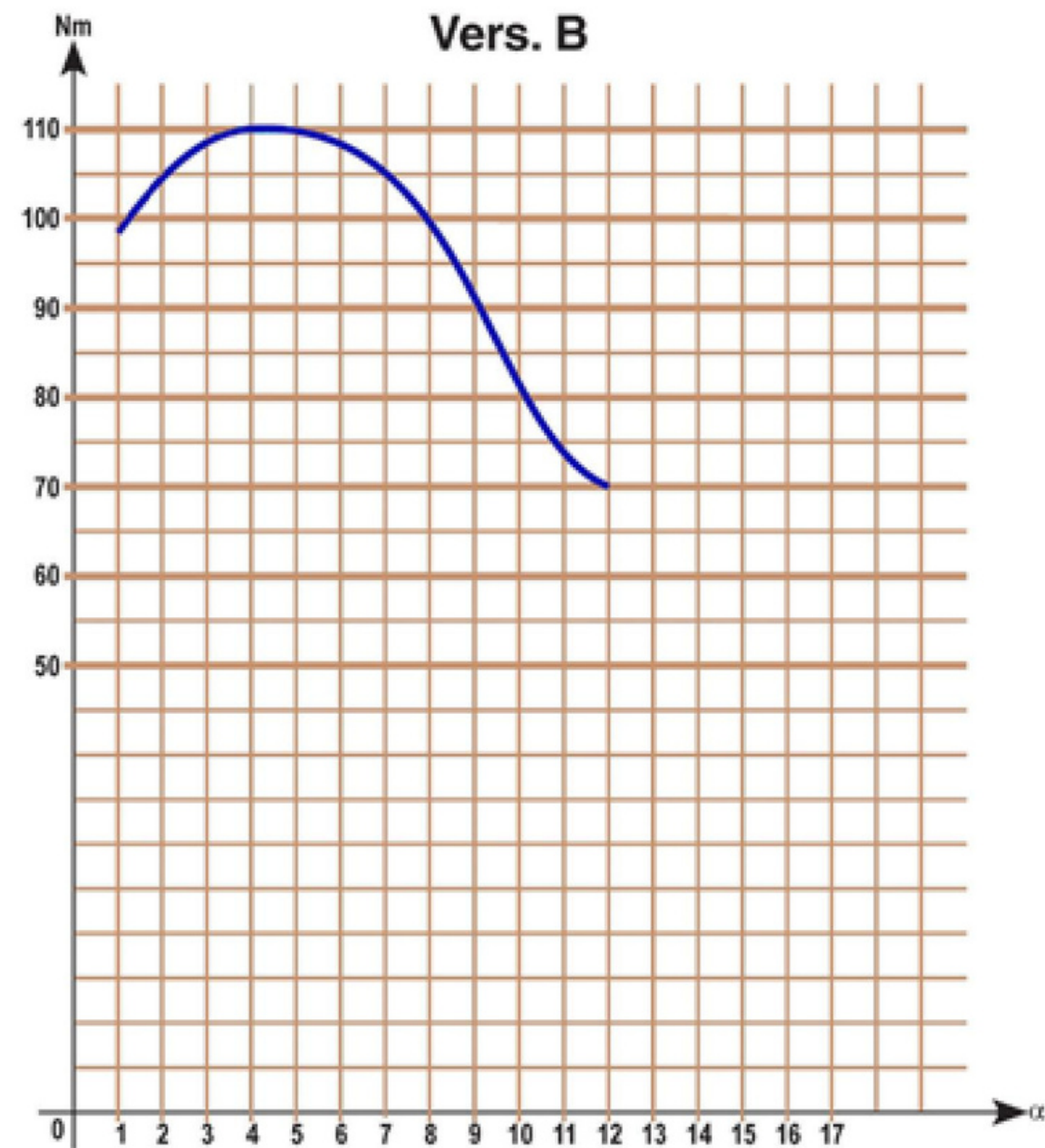
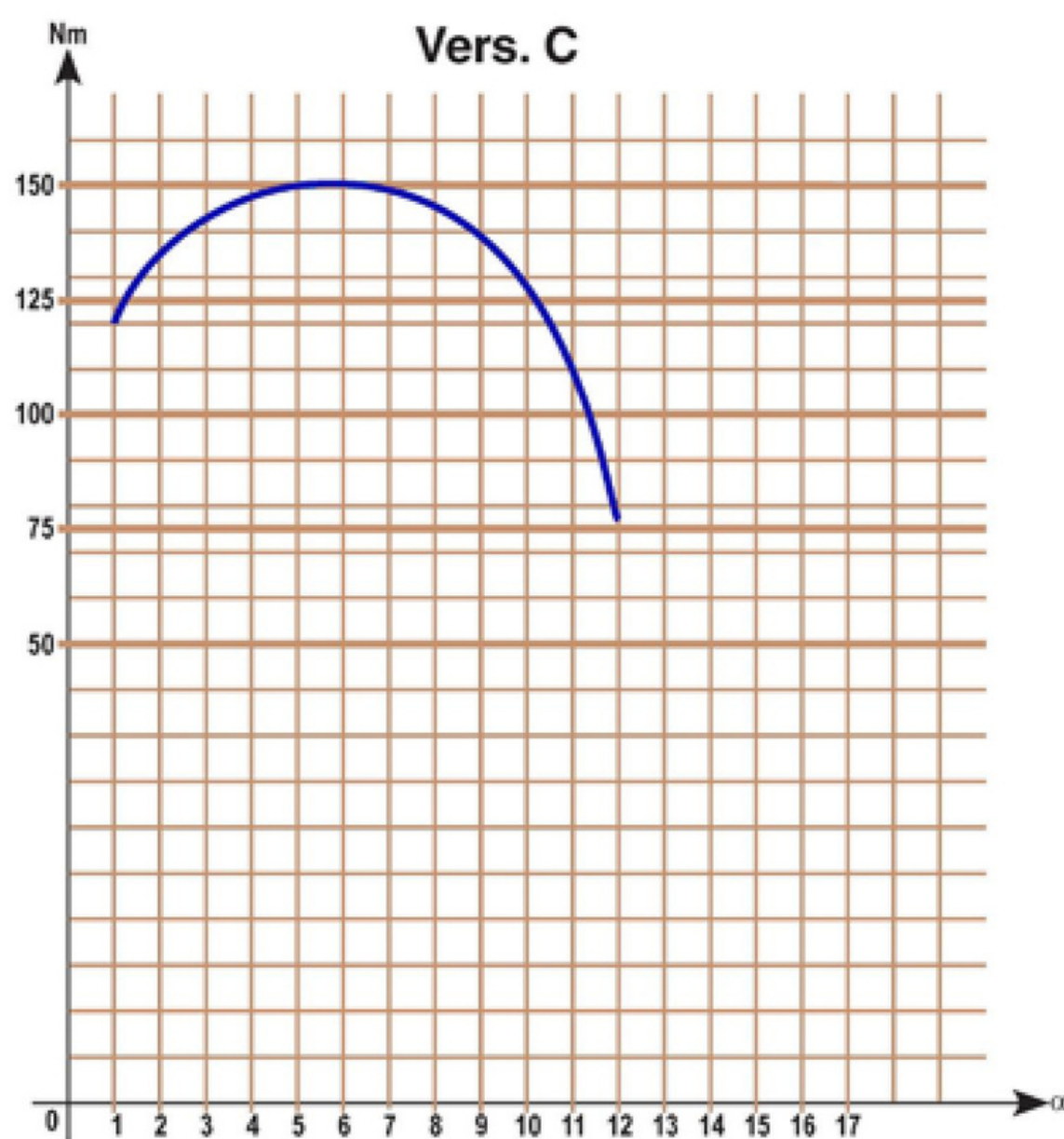


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DGZ-ZGS/25**Diagramma coppie****e derivate / and spin-off****Torques diagrams**

Valori di carico variabili secondo Norme:

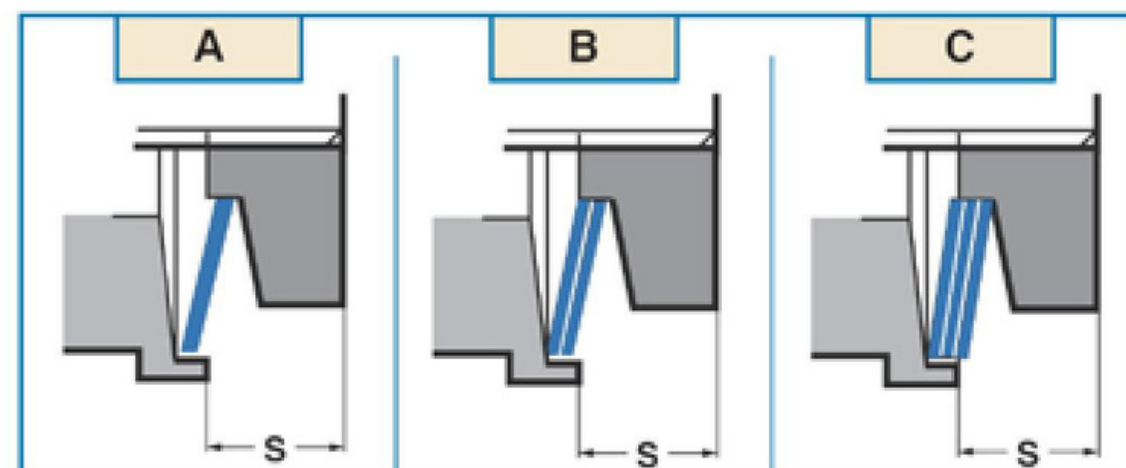
Varying load readings in accordance with Regulations:

UNI 8736-7, DIN 2093**Vers. A****Vers. B****Vers. C**

N	S			Nm		
	A	B	C	A	B	C
1	8,8	10,1	11,2	50	98	120
2	8,4	9,9	11,0	52	105	135
3	8,2	9,7	10,8	54	109	145
4	8,0	9,5	10,6	54	110	148
5	7,7	9,2	10,3	53	108	150
6	7,4	8,9	9,9	50	104	148
7	7,1	8,6	9,7	49	100	145
8	6,8	8,4	9,5	40	95	142
9	6,5	8,1	9,3	35	90	140
10	6,2	7,9	9,1	25	80	120
11		7,5	8,9		75	102
12		7,2	8,6		70	77

una divisione = 60°
corrispondente a n° 2
tacche, sul dispositivo.

one division = 60°
corresponding to no. 2
marks, on the device.





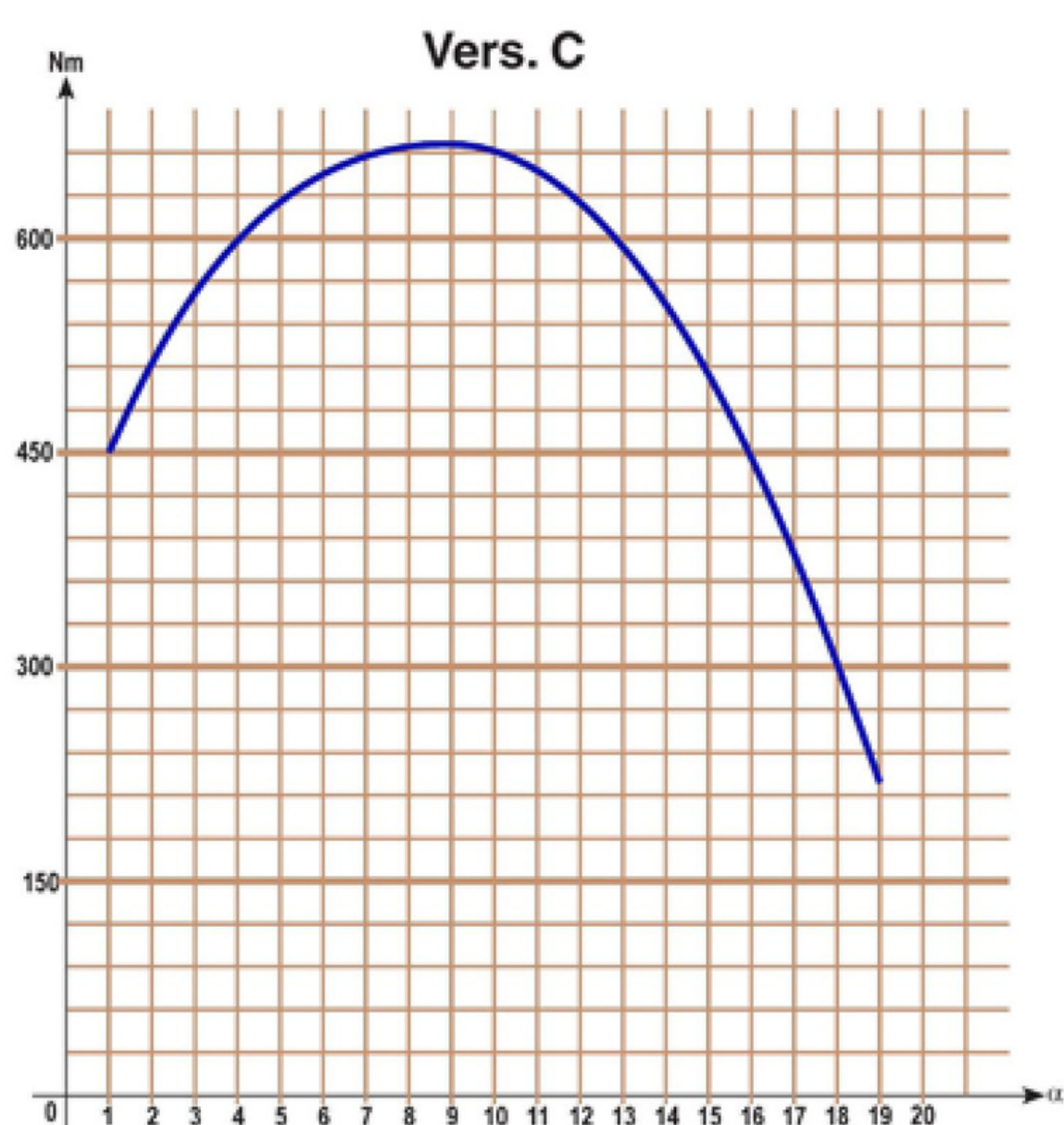
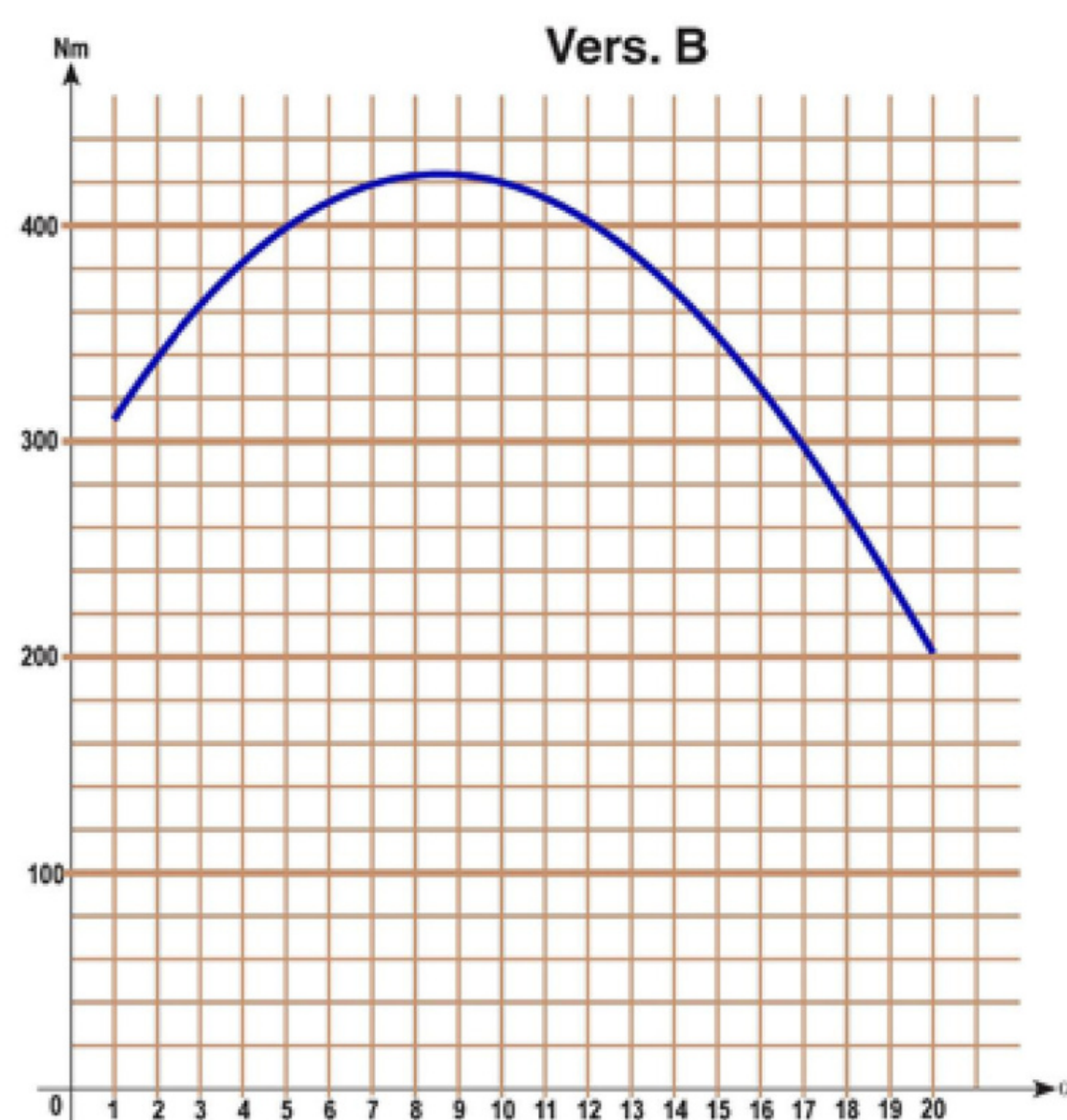
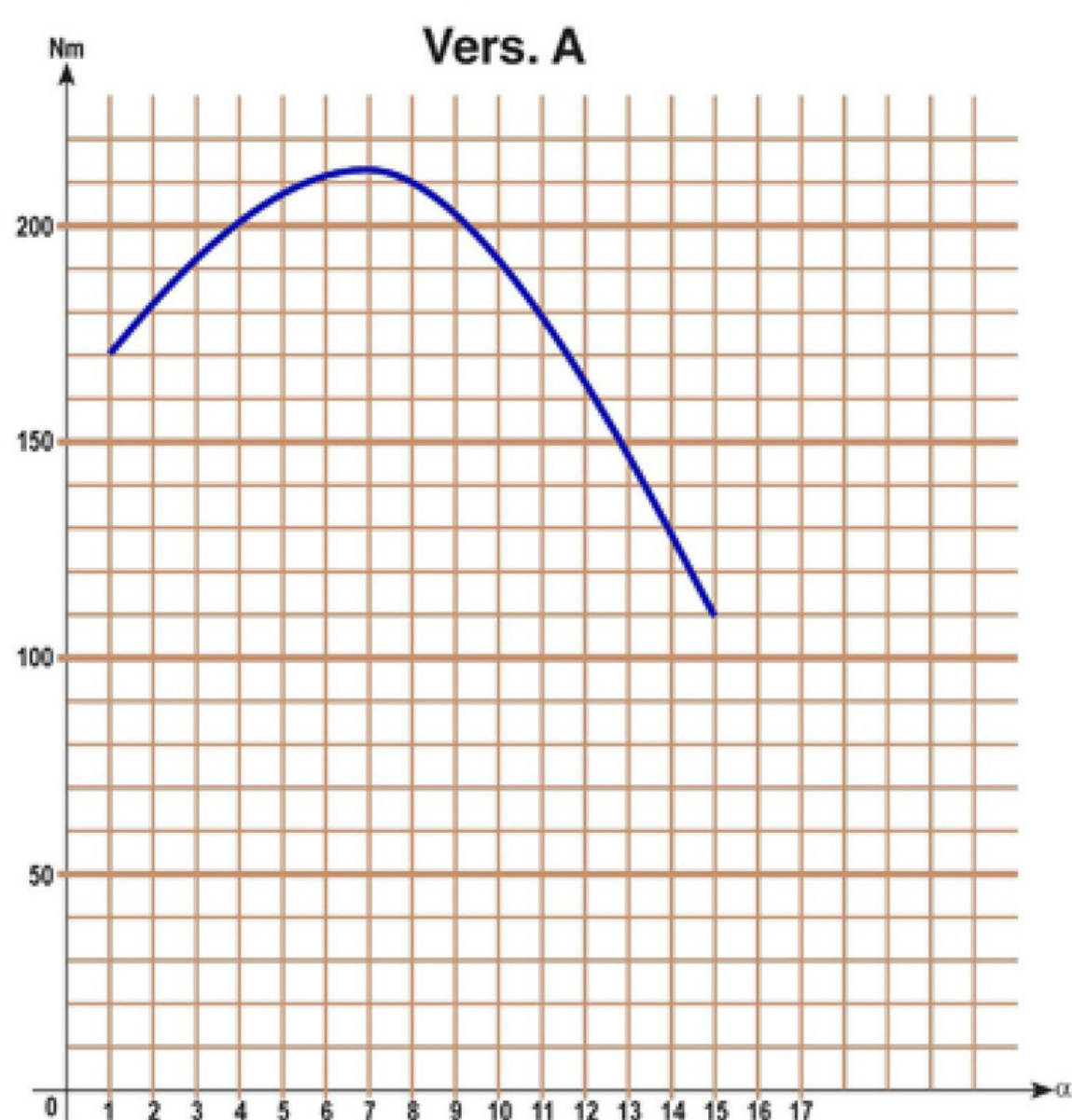
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DGZ-ZGS/45**Diagramma coppie****e derivate / and spin-off****Torques diagrams**

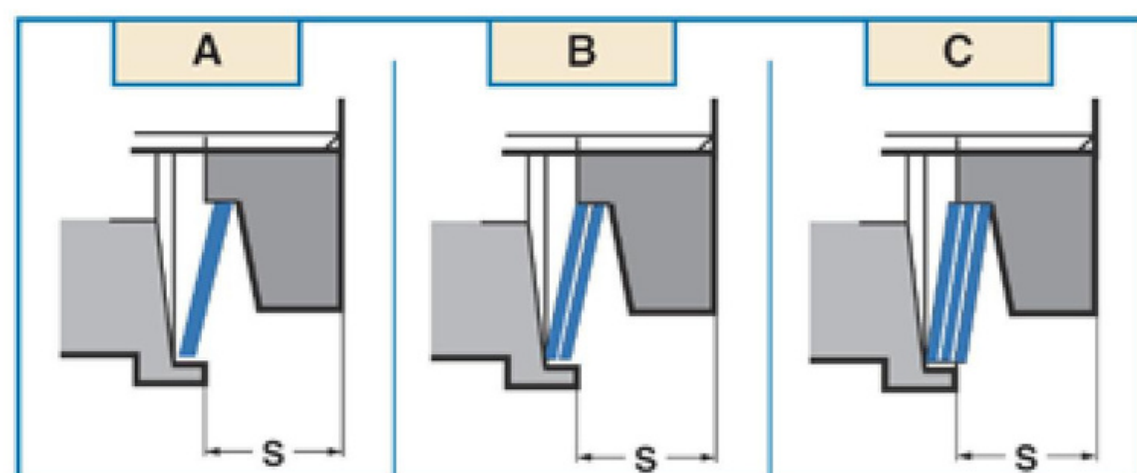
Valori di carico variabili secondo Norme:

Varying load readings in accordance with Regulations:

UNI 8736-7, DIN 2093



N	S			Nm		
	A	B	C	A	B	C
1	11,4	13,7	15,6	170	310	450
2	11	13,6	15,3	180	340	470
3	10,8	13,4	15	190	350	525
4	10,6	13,2	14,7	200	375	540
5	10,4	13	14,6	210	390	610
6	10,1	12,8	14,3	212	400	640
7	9,8	12,6	14,15	215	410	640
8	9,6	12,4	13,9	210	420	670
9	9,3	12,1	13,5	195	425	670
10	9,1	11,9	13,3	190	420	665
11	8,7	11,7	13	178	420	640
12	8,4	11,4	12,8	160	410	630
13	8	11,1	12,5	135	400	580
14	7,7	10,8	12,2	125	380	550
15	7,4	10,6	12	110	360	480
16		10,4	11,7		325	400
17		10	11,4		300	340
18		9,9	11,1		250	295
19		9,5	10,8		235	270
20		9,3			205	

una divisione = 60°corrispondente a n° 2
tacche, sul dispositivo.**one division = 60°**corresponding to no. 2
marks, on the device.**INDUSTRIAL
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Diagramma coppie

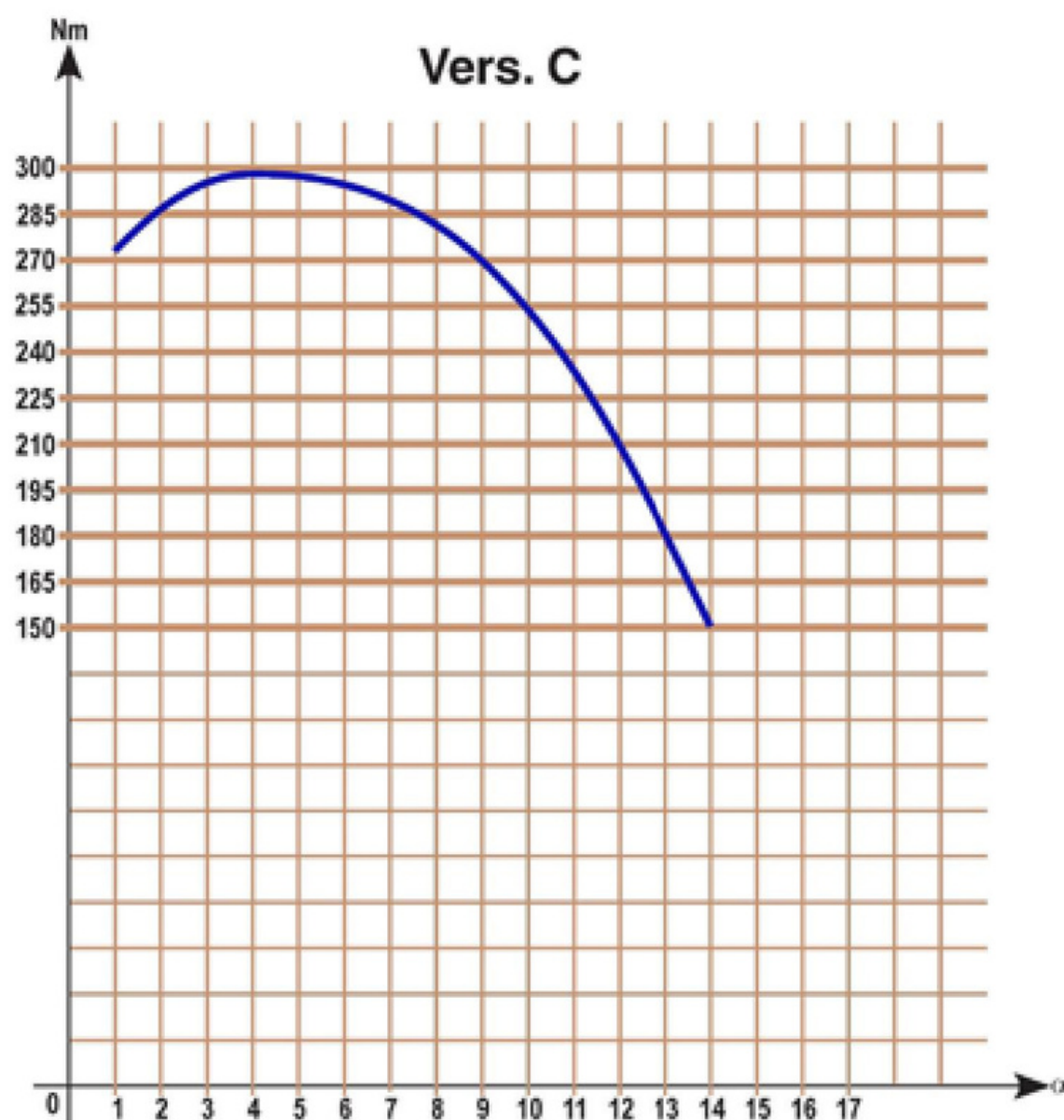
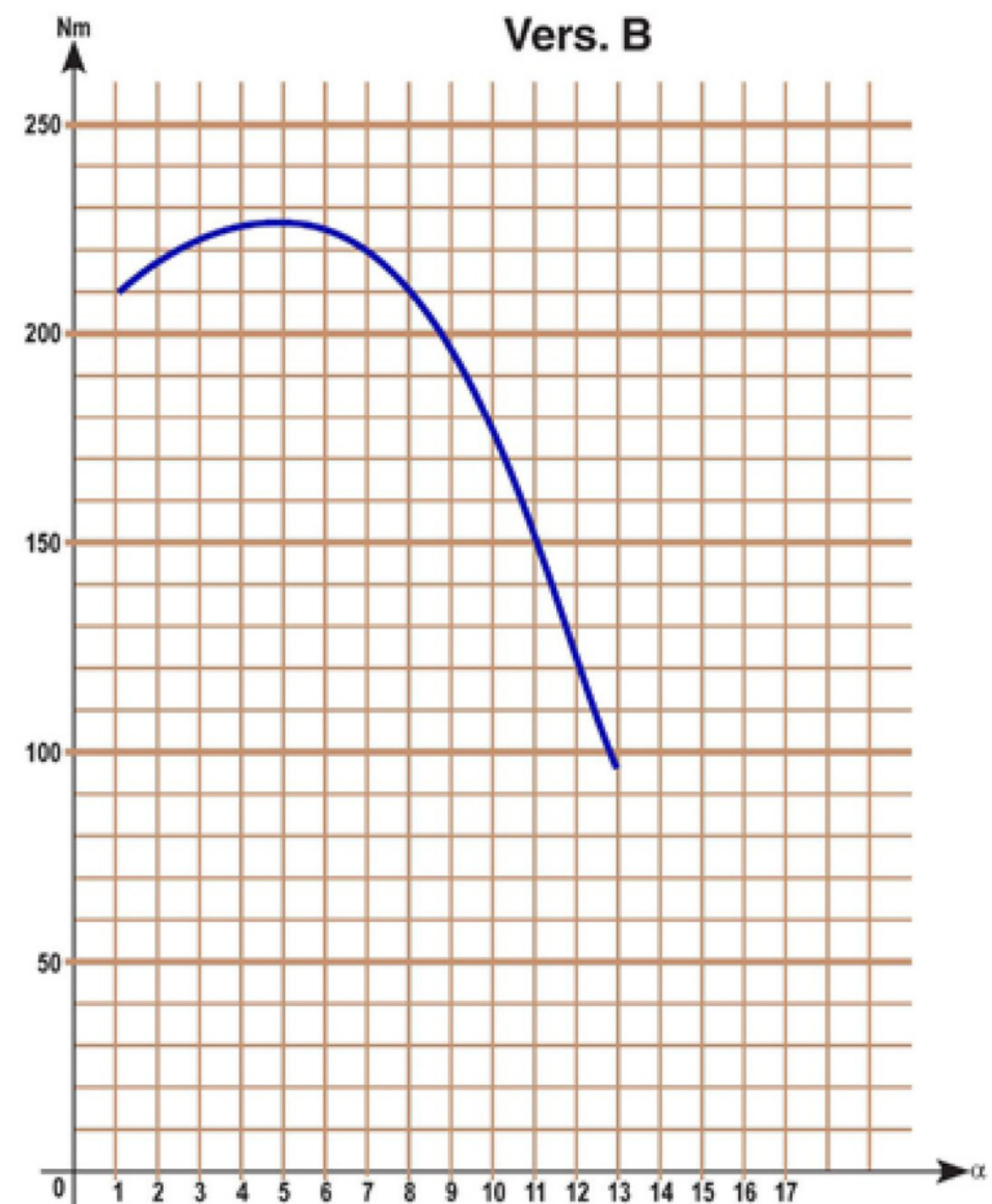
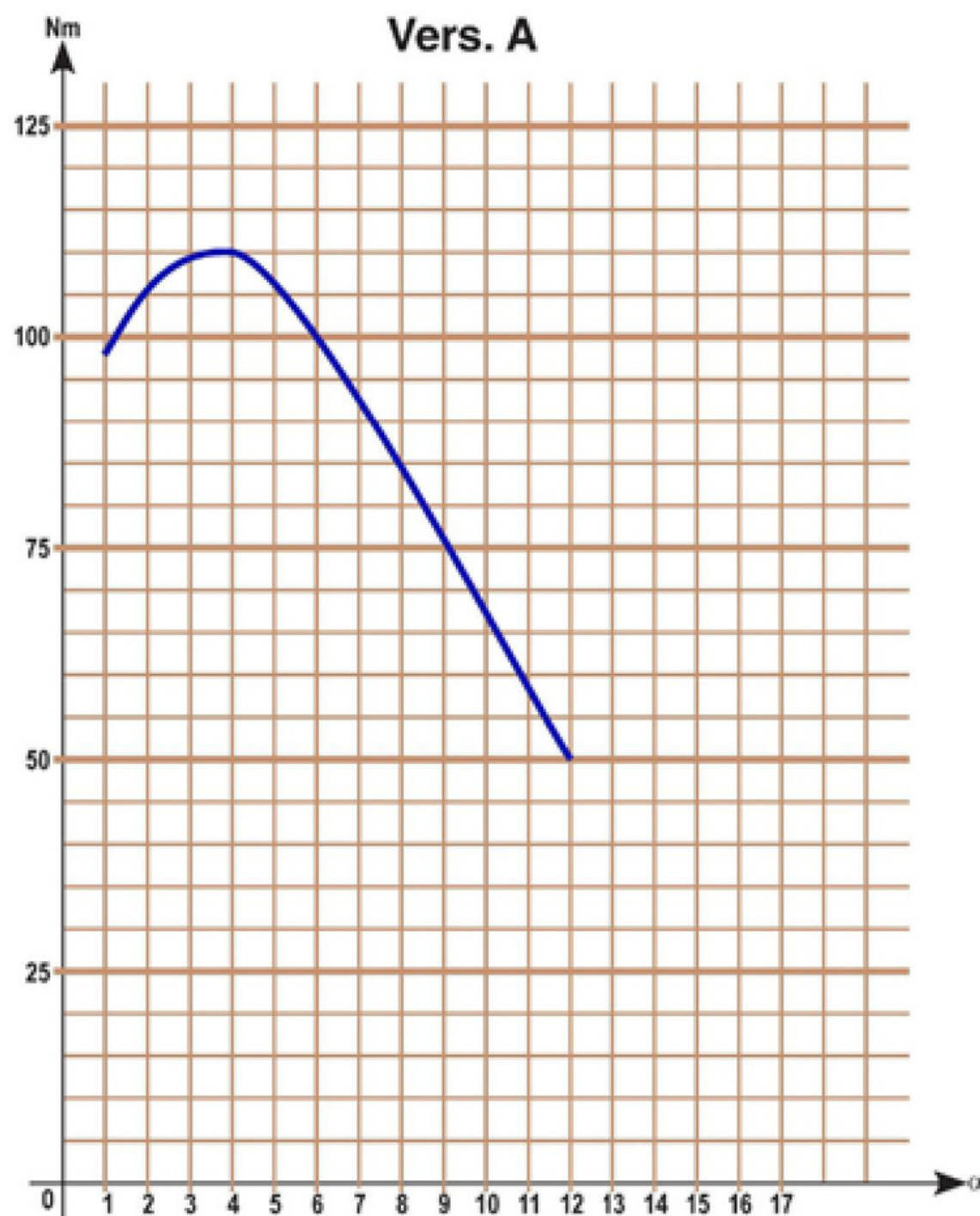
e derivate / and spin-off

Torques diagrams

Valori di carico variabili secondo Norme:

Varying load readings in accordance with Regulations:

UNI 8736-7, DIN 2093



una divisione = **60°**
corrispondente a n° 2
tacche, sul dispositivo.

one division = 60°
corresponding to no. 2
marks, on the device.

N	S			Nm		
	A	B	C	A	B	C
1	9,7	11,1	12,8	98	210	272
2	9,5	10,8	12,5	100	215	286
3	9,2	10,6	12,2	102	220	295
4	8,9	10,4	12	110	225	296
5	8,6	10,1	11,8	105	225	295
6	8,4	9,8	11,6	100	225	292
7	8	9,5	11,3	100	220	288
8	7,7	9,2	11	92	210	285
9	7,5	9	10,7	75	195	270
10	7,3	8,8	10,5	74	175	255
11	7	8,4	10,3	65	150	240
12	6,7	8,1	10	50	120	205
13		7,8	9,8		98	180
14			9,5			150

