

DIVISION

CEMA  **tech** 

HENNLICH INDUSTRIE-TECHNIK, spol. s r. o.

Lubrication Equipment

Grease Nipples

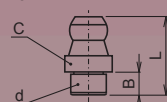
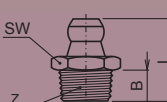
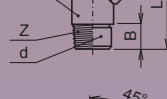
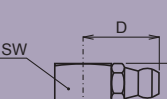


HENNLICH



HYDRAULIC GREASE NIPPLE

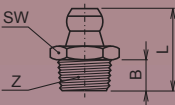
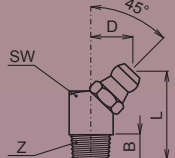
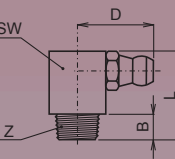
Type H according to DIN 71412, drive-fit, with thread

	Part No.			Type	Thread Z/ød	Body shape	SW/øC	L/A	D	B
	Zinc pl. steel	St. steel V2A	Messing							
					[mm]	  	[mm]	[mm]	[mm]	[mm]
H1a - straight, drive-fit										
	11110 1101	11110 1102	-	H1a - straight	5	X	8	15	-	5,5
	11110 2101	11110 2102	11110 2104	H1a - straight	6	X	8	15	-	5,5
	11110 3101	11110 3102	11110 3104	H1a - straight	8	X	10	15	-	5,5
	11110 4101	-	-	H1a - straight	10	X	12	15	-	5,5
H1 - straight, with thread										
	11131 1301	11131 1302	-	H1 - straight	M 5x0,8k (M05)	X	7	15	-	5,5
	11131 3301	11131 3302	-	H1 - straight	M 6x1k (M06)	X	7	15	-	5,5
	11131 3311	-	-	H1 - straight, longer	M 6x1k (M06)	X	7/7	17,3/8,5	-	5
	11131 3331	-	-	H1 - straight, longer	M 6x1k (M06)	X	7/7	24/14	-	6
	11131 3351	-	-	H1 - straight, longer	M 6x1k (M06)	X	7/7	29/21	-	8,3
	11131 3371	-	-	H1 - straight, longer	M 6x1k (M06)	X	7/7	41/31	-	5
	11131 6301	11131 6302	11131 6304	H1 - straight	M8x1k	X	9	15	-	5,5
	11131 7301	11131 7302	11131 7304	H1 - straight	M 8x1,25k (M08)	X	9	15	-	5,5
	11131 8301	11131 8302	11131 8304	H1 - straight	M 10x1k	X	11	15	-	5,5
	11132 1301	11132 1302	-	H1 - straight	M 10x1,5k (M10)	X	11	15	-	5,5
	11132 4301	11132 4302	11132 4304	H1 - straight	M 12x1,5k	X	14	17,5	-	6,5
	11133 1301	11133 1302	11133 1304	H1 - straight	R 1/8"k	X	11	15	-	5,5
	11133 2301	11133 2302	11133 2304	H1 - straight	R 1/4"k	X	14	17,5	-	6,5
	11133 3301	11133 3302	11133 3304	H1 - straight	R 3/8"k	X	17	18	-	7
	11134 1301	11134 1302	11134 1304	H1 - straight	1/8"x27k NPT	X	11	15	-	5,5
	11134 1301	11134 2302	-	H1 - straight	1/4"x18k NPT	X	14	17,5	-	6,5
H2a - 45°, drive-fit										
	11210 2201	-	-	H2a - 45°	6	X	9	20,2	10,5	5,5
	11210 3201	-	-	H2a - 45°	8	X	9	20,2	10,5	5,5
	11210 4201	-	-	H2a - 45°	10	X	11	20,5	10,7	5,5
H2 - 45°, with thread										
	11231 3201	-	-	H2 - 45°	M 6x1k (M06)	X	9	20,2	10,5	5,5
	11231 3301	11231 3302	11231 3304	H2 - 45°	M 6x1k (M06)	X	9	23,5	10,5	5,5
	11231 6201	-	-	H2 - 45°	M 8x1k	X	9	20,2	10,5	5,5
	11231 6301	11231 6302	11231 6304	H2 - 45°	M 8x1k	X	9	23,5	10,5	5,5
	11231 7301	11231 7302	11231 7304	H2 - 45°	M 8x1,25k (M08)	X	9	23,5	10,5	5,5
	11231 8201	-	-	H2 - 45°	M 10x1k	X	11	20,5	11	5,5
	11231 8301	11231 8302	11231 8304	H2 - 45°	M 10x1k	X	11	25	11,5	5,5
	11232 1301	11232 1302	-	H2 - 45°	M 10x1,5k (M10)	X	11	25	11,5	5,5
	11232 4301	-	-	H2 - 45°	M 12x1,5k	X	14	22,5	12	6,5
	11233 1301	11233 1302	11233 1304	H2 - 45°	R 1/8"k	X	11	25	11,5	5,5
	11233 2301	11233 2302	11233 2304	H2 - 45°	R 1/4"k	X	14	22,5	12	6,5
	11234 1301	-	-	H2 - 45°	1/8"x27k NPT	X	11	27	11,5	7
	11234 2301	-	-	H2 - 45°	1/4"x18k NPT	X	14	22,5	12	6,5
H3a - 90°, drive-fit										
	11310 2201	-	-	H3a - 90°	6	X	9	18	14	5,5
	11310 3201	-	-	H3a - 90°	8	X	9	18	14	5,5
	11310 4201	-	-	H3a - 90°	10	X	11	18	15	5,5
H3 - 90°, with thread										
	11331 3201	-	-	H3 - 90°	M 6x1k (M06)	X	9	18	14	5,5
	11331 3301	11331 3302	11331 3304	H3 - 90°	M 6x1k (M06)	X	9	18	13	5,5
	11331 6201	-	-	H3 - 90°	M 8x1k	X	9	18	14	5,5
	11331 6301	11331 6302	11331 6304	H3 - 90°	M 8x1k	X	9	18	13	5,5
	11331 7301	11331 7302	11331 7304	H3 - 90°	M 8x1,25k (M08)	X	9	18	13	5,5
	11331 8201	-	-	H3 - 90°	M 10x1k	X	11	18	15	5,5
	11331 8301	11331 8302	11331 8304	H3 - 90°	M 10x1k	X	11	20	14	5,5
	11332 1301	11332 1302	-	H3 - 90°	M 10x1,5k (M10)	X	11	20	14	5,5
	11332 4301	-	-	H3 - 90°	M 12x1,5k	X	14	22	16	6,5
	11333 1301	11333 1302	11333 1304	H3 - 90°	R 1/8"k	X	11	20	14	5,5
	11333 2301	11333 2302	11333 2304	H3 - 90°	R 1/4"k	X	14	22	16	6,5
	11334 1301	-	-	H3 - 90°	1/8"x27k NPT	X	11	22	14	7
	11334 2301	-	-	H3 - 90°	1/4"x18k NPT	X	14	22	16	6,5

- Upon request, selected grease nipples of these types are also available with other threads (BSF/WWF, BSW/WW, SAE/UNF) and in stainless steel design 1.4401 (V4A)
- Grease nipples with emphasised order numbers are preferred

HYDRAULIC GREASE NIPPLE

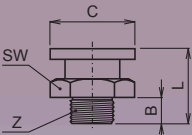
Type H according to DIN 71412, with self-forming thread, material: steel, zinc plated and yellow passivated

	Part No.	Type	Thread Z	Body shape	Needed ø of prebored hole [mm]	SW [mm]	L [mm]	D [mm]	B [mm]		
				  							
H1 SFG - straight, with self-forming thread											
 H1 SFG			11141 3305	H1 SFG - straight	M 6x1k	X	5,6 ± 0,1	7	15	-	5,5
			11141 6305	H1 SFG - straight	M 8x1k	X	7,6 ± 0,1	9	15	-	5,5
			11141 8305	H1 SFG - straight	M 10x1k	X	9,6 ± 0,1	11	15	-	5,5
H2 SFG - 45°, with self forming thread											
 H2 SFG			11241 3205	H2 SFG - 45°	M 6x1k	X	5,6 ± 0,1	9	20,2	10,5	5,5
			11241 6205	H2 SFG - 45°	M 8x1k	X	7,6 ± 0,1	9	20,2	10,5	5,5
			11241 8205	H2 SFG - 45°	M 10x1k	X	9,6 ± 0,1	11	20,5	11	5,5
H3 SFG - 90°, with self forming thread											
 H3 SFG			11341 3205	H3 SFG - 90°	M 6x1k	X	5,6 ± 0,1	9	18	14	5,5
			11341 6205	H3 SFG - 90°	M 8x1k	X	7,6 ± 0,1	9	18	14	5,5
			11341 8205	H3 SFG - 90°	M 10x1k	X	9,6 ± 0,1	11	18	15	5,5

- Upon request, selected grease nipples of these types are also available with an extended or shortened thread length, and grease nipples H2 SFG and H3 SFG with a hexagonal body shape

BUTTON HEAD GREASE NIPPLE

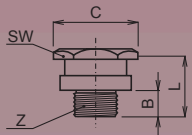
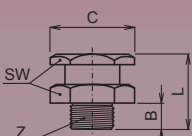
Type M according to DIN 3404, with thread

	Part No.			Type	Thread Z	Body shape			SW [mm]	øC [mm]	L [mm]	B [mm]
	Zinc pl. steel	St. steel V2A	Messing									
 SW Z B	M4, with thread											
	12121 3301	-	12121 3304	M4	M 6x1 (M06)	X	11	10	13,5	6		
	12121 6301	-	12121 6304	M4	M 8x1	X	11	10	13,5	6		
	12121 8301	-	12121 8304	M4	M 10x1	X	11	10	13,5	6		
	12123 1301	-	-	M4	R 1/8" (G1/8")	X	11	10	13,5	6		
 M 4	M1, with thread											
	13121 3301	13121 3302	13121 3304	M1	M 6x1 (M06)	X	17	16	17	6		
	13121 6301	13121 6302	13121 6304	M1	M 8x1	X	17	16	17	6		
	13121 7301	13121 7302	13121 7304	M1	M 8x1,25 (M08)	X	17	16	17	6		
	13121 8301	13121 8302	13121 8304	M1	M 10x1	X	17	16	17	6		
	13122 1301	-	13122 1304	M1	M 10x1,5 (M10)	X	17	16	17	6		
	13122 2301	-	-	M1	M 12x1	X	17	16	17	6		
	13122 4301	13122 4302	13122 4304	M1	M 12x1,5	X	17	16	17	6		
	13122 5301	13122 5302	13122 5304	M1	M 12x1,75 (M12)	X	17	16	17	6		
	13122 6301	-	-	M1	M 14x1,5	X	17	16	17	6		
	13122 8301	13122 8302	13122 8304	M1	M 16x1,5	X	17	16	18	7		
	13123 1301	13123 1302	13123 1304	M1	R 1/8" (G1/8")	X	17	16	17	6		
	13123 2301	13123 2302	13123 2304	M1	R 1/4" (G1/4")	X	17	16	17	6		
	13123 3301	13123 3302	13123 3304	M1	R 3/8" (G3/8")	X	17	16	18	7		
 M 22	M22, with thread											
	14122 8301	14122 8302	14122 8304	M22	M 16x1,5	X	22	22	21	7		
	14123 2301	14123 2302	14123 2304	M22	R 1/4" (G1/4")	X	22	22	21	7		
	14123 3301	14123 3302	14123 3304	M22	R 3/8" (G3/8")	X	22	22	21	7		
	14123 4301	14123 4302	14123 4304	M22	R 1/2" (G1/2")	X	22	22	21	7		

- Upon request, selected grease nipples of these types are also available in stainless steel design 1.4401 (V4A)
- Grease nipples with emphasised order numbers are preferred

BUTTON HEAD GREASE NIPPLE

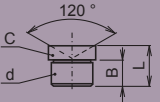
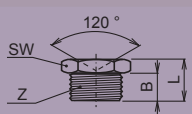
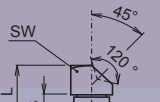
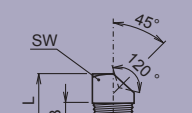
Types T1, T1/B, with thread

	Part No.			Type	Thread Z	Body shape	SW	øC	L	B
	Zinc pl. steel	St. steel V2A	Messing							
						  	[mm]	[mm]	[mm]	[mm]
T1, with thread										
  T1	15121 3301	-	-	T1	M 6x1 (M06)	X	15	16,5	16	6
	15121 6301	-	-	T1	M 8x1	X	15	16,5	16	6
	15121 7301	-	-	T1	M 8x1,25 (M08)	X	15	16,5	16	6
	15121 8301	-	-	T1	M 10x1	X	15	16,5	16	6
	15122 1301	-	-	T1	M 10x1,5 (M10)	X	15	16,5	16	6
	15123 1301	-	-	T1	R 1/8" (G1/8")	X	15	16,5	16	6
	15123 2301	-	-	T1	R 1/4" (G1/4")	X	15	16,5	16	6
T1/B, with thread										
  T1/B	16121 3301	-	-	T1/B	M 6x1 (M06)	X	15	16,5	16	6
	16121 6301	-	16121 6304	T1/B	M 8x1	X	15	16,5	16	6
	16121 7301	-	-	T1/B	M 8x1,25 (M08)	X	15	16,5	16	6
	16121 8301	16121 8302	16121 8304	T1/B	M 10x1	X	15	16,5	16	6
	16122 1301	-	-	T1/B	M 10x1,5 (M10)	X	15	16,5	16	6
	16122 4301	16122 4302	16122 4304	T1/B	M 12x1,5	X	15	16,5	16	6
	16123 1301	16123 1302	16123 1304	T1/B	R 1/8" (G1/8")	X	15	16,5	16	6
	16123 2301	16123 2302	16123 2304	T1/B	R 1/4" (G1/4")	X	15	16,5	16	6

- Upon request, selected grease nipples of these types are also available with other threads (SAE/UNF) and in stainless steel design 1.4401 (V4A)

FLUSH TYPE GREASE NIPPLE

Type D according to DIN 3405, drive-fit, with thread

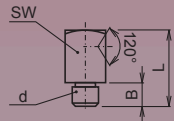
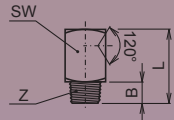
	Part No.			Type	Thread Z/ød	Body shape	SW/øC	L	B
	Zinc pl. steel	St. steel V2A	Messing						
					[mm]	  	[mm]	[mm]	[mm]
D1a - straight, drive-fit									
 D1a D1	17110 1101	17110 1102	-	D1a - straight	5	X	8	7,5	5,5
	17110 2101	17110 2102	17110 2104	D1a - straight	6	X	8	7,5	5,5
	17110 3101	17110 3102	17110 3104	D1a - straight	8	X	10	9,5	6,5
	17110 4101	-	17110 4104	D1a - straight	10	X	12	9,5	6,5
D1 - straight, drive-fit									
   D1a D1	17121 1301	-	-	D1 - straight	M 5x0,8 (M05)	X	7	8,5	5,5
	17121 3301	17121 3302	17121 3304	D1 - straight	M 6x1 (M06)	X	7	8,5	5,5
	17121 6301	17121 6302	17121 6304	D1 - straight	M 8x1	X	9	9,5	6,5
	17121 7301	17121 7302	17121 7304	D1 - straight	M 8x1,25 (M08)	X	9	9,5	6,5
	17121 8301	17121 8302	17121 8304	D1 - straight	M 10x1	X	11	9,5	6,5
	17122 1301	-	-	D1 - straight	M 10x1,5 (M10)	X	11	9,5	6,5
	17122 4301	-	17122 4304	D1 - straight	M 12x1,5	X	14	14	9,5
	17123 1301	17123 1302	17123 1304	D1 - straight	R 1/8" (G1/8")	X	11	9,5	6,5
	17123 2301	17123 2302	17123 2304	D1 - straight	R 1/4" (G1/4")	X	14	14	9,5
	17123 3301	-	-	D1 - straight	R 3/8" (G3/8")	X	17	14	9,5
D2a - 45°, drive-fit									
 D2a D2	17210 2201	-	-	D2a - 45°	6	X	9	15	5,5
	17210 3201	-	-	D2a - 45°	8	X	9	15	5,5
D2 - 45°, with thread									
  D2a D2	17231 3201	-	-	D2 - 45°	M 6x1k (M06)	X	9	15	5,5
	17231 6201	-	-	D2 - 45°	M 8x1k	X	9	15	5,5
	17231 7201	-	-	D2 - 45°	M 8x1,25k (M08)	X	9	15	5,5
	17231 8201	-	-	D2 - 45°	M 10x1k	X	11	15	5,5
	17233 1201	-	-	D2 - 45°	R 1/8"k	X	11	15	5,5
	17233 2301	-	-	D2 - 45°	R 1/4"k	X	14	15	6,5

- Upon request, selected grease nipples of these types are also available with other threads (SAE/UNF)

HENNLICH INDUSTRIE TECHNIK, spol. s r. o.

FLUSH TYPE GREASE NIPPLE

Type D according to DIN 3405, drive-fit, with thread

	Part No.			Type	Thread Z/ød [mm]	Body shape   	SW/øC [mm]	L [mm]	B [mm]
	Zinc pl. steel	St. steel V2A	Messing						
D3a - straight, drive fit									
	17310 2201	-	-	D3a - straight	6	X	9	18	5,5
	17310 3201	-	-	D3a - straight	8	X	9	18	5,5
D1 - straight, with thread									
	17331 3201	-	-	D3 - 90°	M 6x1k (M06)	X	9	18	5,5
	17331 6201	-	-	D3 - 90°	M 8x1k	X	9	18	5,5
	17331 8201	-	-	D3 - 90°	M 10x1k	X	11	18	5,5
	17333 1201	-	-	D3 - 90°	R 1/8"k	X	11	18	5,5
	17333 2301	-	-	D3 - 90°	R 1/4"k	X	14	18	6,5
									

BALL TYPE GREASE NIPPLE

Type K according to DIN 3402

	More information regarding these grease nipples is available upon request	
	Available designs:	
	K1a - straight, drive-fit, K1 - straight, with thread	
	K2a - 45°, drive-fit, K2 - 45°, with thread	
	K3a - 90°, drive fit, K3 - 90°, with thread	
	- from materials: zinc plated steel, stainless steel 1.4305 (V2A), messing	

BAYONET GREASE NIPPLE

Type B1

	More information regarding these grease nipples is available upon request	
	Available designs:	
	B1 - straight, with thread	
	- from materials: zinc plated steel, messing	

PROTECTION CAPS

For protecting the lubricating point against contamination and for indicating the lubricating intervals by colour coding

	Part No.	Colour	Clamping strap	
Protection caps for hydraulic grease nipples, type H according to DIN 71412				
	1A111	red		
	1A101	red	X	
	1A112	green		
	1A102	green	X	
	1A113	yellow		
	1A103	yellow	X	
	1A114	blue		
	1A104	blue	X	

HENNLICH INDUSTRIE TECHNIK, spol. s r. o.

GREASE NIPPLE ASSORTMENTS

They comprise selected designs of hydraulic grease nipples, type H, according to DIN 71412, material: zinc plated steel

	Part No. of set	Quantity of grease nipples per set	Dimensions of plastic box					
			length x width x height [mm]					
	1B205	110	180 x 95 x 35					
	1B210	120	195 x 100 x 30					
	1B220	230	260 x 160 x 40					
	1B230	475	260 x 160 x 40					
 H1	Detail about included grease nipple, thread	Number of particular grease nipple in set				Body shape		
		1B205	1B210	1B220	1B230			
 H2	H1 - straight, M 6x1k (M06)	30	30	50	100	X		
	H1 - straight, M 8x1k	20	20	50	75	X		
	H1 - straight, M 10x1k	10	10	25	50	X		
	H1 - straight, R 1/8"k	10	10	25	50	X		
	H2 - 45°, M 6x1k (M06)	-	5	10	30	X		
	H2 - 45°, M 6x1k (M06)	5	-	-	-	X		
	H2 - 45°, M 8x1k	-	10	10	30	X		
	H2 - 45°, M 8x1k	10	-	-	-	X		
	H2 - 45°, M 10x1k	-	5	10	20	X		
	H2 - 45°, R 1/8"k	-	5	10	20	X		
	H2 - 45°, R 1/8"k	5	-	-	-	X		
	H3 - 90°, M 6x1k (M06)	-	5	10	30	X		
	H3 - 90°, M 6x1k (M06)	5	-	-	-	X		
	H3 - 90°, M 8x1k	-	10	10	30	X		
	H3 - 90°, M 8x1k	10	-	-	-	X		
	H3 - 90°, M 10x1k	-	5	10	20	X		
	H3 - 90°, R 1/8"k	-	5	10	20	X		
	H3 - 90°, R 1/8"k	5	-	-	-	X		

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DIVISION CEMATECH, HENNLICH INDUSTRIE TECHNIK, spol. s r. o.

CZ - 591 01 Zdar nad Sazavou, Libusinska 183, tel.: +420 566 630 524, fax: +420 566 630 032, e-mail: cematech@hennlich.cz

HENNLICH INDUSTRIE TECHNIK, spol. s r. o.

CZ - 412 01 Litomerice, Ceskolipska 9, tel.: +420 416 711 111, fax: +420 416 711 999, <http://www.hennlich.cz>