

## UMETA HYDRAULIC-TYPE GREASE NIPPLES - DRIVE-IN VERSION

### APPLICATION AREA

By using UMETA grease nipples with drive-in shank, you effectively save the thread-cutting process in the borehole.

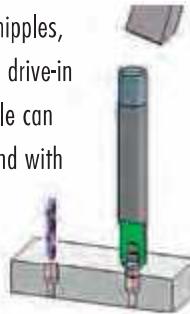
### VERSIONS

Drive-in nipples as standard version are with plain shank, made of steel, case-hardened, zinc-plated and passivated. Upon request, UMETA manufactures drive-in grease nipples in other versions, with respect to the following:

- dimension
- material
- shank length
- shank type (e.g. serrated ridge)
- shank diameter
- surface colour
- further surface treatment

### MOUNTING INSTRUCTIONS

For straight-type grease nipples, we recommend using the drive-in tool, with which the nipple can be driven-in effectively and with care. The exact size of the core hole depends on the material and must be determined by mounting tests. The standard gauge for the installation bore diameter corresponds to the nominal width of the shank  $\varnothing$ .



### OPERATING INSTRUCTIONS

Since this type of grease nipple is only driven in, it may get loose by

- strong vibrations
- high back-pressure when greasing with auto-matic guns
- pulling off the hydraulic coupler

Drive-in type hydraulic grease nipples should only be lubricated by a hydraulic nozzle.



### RECOMMENDATION

Drive-in type grease nipples are only suitable for low pressures. Please check whether they can be replaced by self-forming nipples for a better fit.



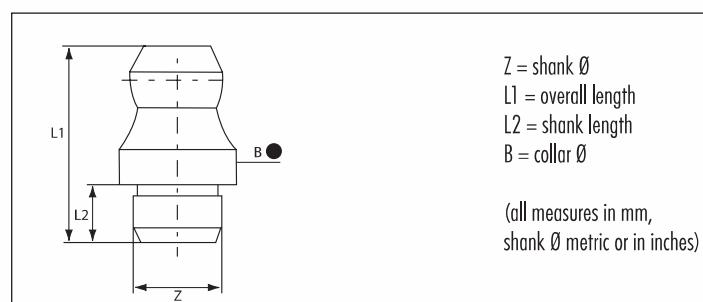
Drive-in tool

### Type H1a

#### Hydraulic-Type Grease Nipples - Drive-in Version



- according to DIN 71412
- straight version A/180°
- drive-in-type with plain shank
- standard versions according to DIN are made of steel, case-hardened, zinc-plated and passivated
- for other types and materials, please see table, or upon request



Z	5mm $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
15	5.5	8 ●	1100185			

Z	8mm $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
15	5.5	10 ●	1100288	1110288	1120288	
30	5.5	10 ●	1100289			

Z	6mm $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
14	4	8 ●	5241040	5241097		
15	5.5	8 ●	1100186	1110186	1120186	1140186
21	11	10 ●	5241029			

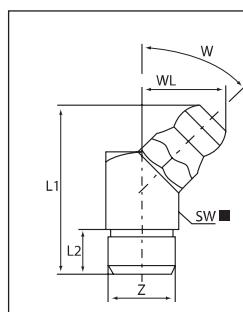
Z	10mm $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
15	5.5	12 ●	1100389			

Z	6.35mm, 1/4" $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
15	5.5	8 ●	1100187			

Z	5/16" $\varnothing$	Ref.- No.:				
L1	L2	B	Steel	Brass	SST303	SST316L
15	5.5	10 ●	1100290			

**Type H2a****Hydraulic-Type Grease Nipples - Drive-in Version**

- according to DIN 71412
- angled version B/45°
- drive-in-type with plain shank
- standard versions according to DIN are made of steel, zinc-plated and passivated, head case-hardened



Z = shank Ø  
 L1 = overall length  
 L2 = shank length  
 WL = angle length  
 W = angle  
 SW = HEX size

(all measures in mm)

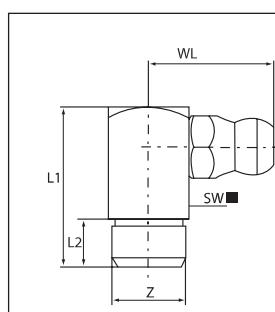
Z	6mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
20.5	5.5	10.5	45°	9mm SQ.	■	1204586			

Z	10mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
20.5	5.5	10.7	45°	11mm SQ.	■	1204789			

Z	8mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
20.5	5.5	10.5	45°	9mm SQ.	■	1204588			

**Type H3a****Hydraulic-Type Grease Nipples - Drive-in Version**

- according to DIN 71412
- angled version C/90°
- drive-in-type with plain shank
- standard versions according to DIN are made of steel, zinc-plated and passivated, head case-hardened



Z = shank Ø  
 L1 = overall length  
 L2 = shank length  
 WL = angle length  
 W = angle  
 SW = HEX size

(all measures in mm)

Z	6mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
18	5.5	14	90°	9mm SQ.	■	1304586			

Z	10mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
18	5.5	15	90°	11mm SQ.	■	1304789			

Z	8mm Ø					Ref.- No.:			
L1	L2	WL	W	SW		Steel	Brass	SST303	SST316L
18	5.5	14	90°	9mm SQ.	■	1304588			