

**COMPRESSED AIR****EXPRESS (NF E 29.573)**

EXPRESS (NF E 29.573) 1  
CLAMPS - 2 GRIPPING FINGER TYPE

EXPRESS (NF E 29.573) 1  
HOSE SHANK - GASKET INCLUDED

EXPRESS (NF E 29.573) 1  
MALE BSP - GASKET INCLUDED

EXPRESS (NF E 29.573) 1  
FEMALE BSP - GASKET INCLUDED

EXPRESS (NF E 29.573) 1  
GASKET

EXPRESS (NF E 29.573) 2  
CLAMPS - 2 GRIPPING FINGER TYPE

**TYPE A CLAW COUPLING (EUROPEAN TYPE)**

TYPE A CLAW COUPLING (EUROPEAN TYPE) 3  
HOSE SHANK WITH SAFETY COLLAR - GASKET INCLUDED

TYPE A CLAW COUPLING (EUROPEAN TYPE) 3  
MALE BSPT (DIN 3489 - FORMERLY DIN 3481) - GASKET INCLUDED

TYPE A CLAW COUPLING (EUROPEAN TYPE) 3  
FEMALE BSP (DIN 3489 - FORMERLY DIN 3482) - GASKET INCLUDED

TYPE A CLAW COUPLING (EUROPEAN TYPE) 4  
CLAW CLAMPS - DIN 20 039 B

**TYPE B CLAW COUPLING ( U.S. TYPE)**

TYPE B CLAW COUPLING (U.S. TYPE) 5  
HOSE SHANK - GASKET INCLUDED

TYPE B CLAW COUPLING (U.S. TYPE) 5  
MALE NPT - GASKET INCLUDED

TYPE B CLAW COUPLING (U.S. TYPE) 5  
CLAW CLAMPS

TYPE B CLAW COUPLING (U.S. TYPE) 6  
FEMALE NPT - GASKET INCLUDED

**COMPRESSED AIR**

**TYPE S CLAW COUPLING (AUSTRALIAN TYPE)**

TYPE S CLAW COUPLING (AUSTRALIAN TYPE)  
HOSE SHANK - GASKET INCLUDED

7

TYPE S CLAW COUPLING (AUSTRALIAN TYPE)  
MALE BSPT - GASKET INCLUDED

7

TYPE S CLAW COUPLING (AUSTRALIAN TYPE)  
FEMALE BSP - GASKET INCLUDED

7

TYPE S CLAW COUPLING (AUSTRALIAN TYPE)  
CLAW CLAMPS

8

**WATER**

**GEKA**

GEKA  
HOSE SHANK - GASKET INCLUDED

9

**TYPE B - BAUER COMPATIBLE**

TYPE B - BAUER COMPATIBLE  
MALE - HOSE SHANK

10

TYPE B - BAUER COMPATIBLE  
FEMALE - HOSE SHANK - GASKET INCLUDED

10

TYPE B - BAUER COMPATIBLE  
ANTIOIL RUBBER GASKET

11

**TYPE C - CARDAN/PERROT COMPATIBLE**

TYPE C - CARDAN/PERROT COMPATIBLE  
MALE- HOSE SHANK

12

TYPE C - CARDAN/PERROT COMPATIBLE  
FEMALE - HOSE SHANK - GASKET INCLUDED

12

**VIDANGE**

VIDANGE  
MALE

13

VIDANGE  
FEMALE - GASKET INCLUDED

13

**HYGIENIC-FOOD**

**SMS**

SMS  
MALE - SERRATED HOSE SHANK

14

SMS  
FEMALE - SERRATED HOSE SHANK

14

**HYGIENIC-FOOD*****DIN 11851***

*DIN 11851* 15  
*MALE - DIN 2817 HOSE SHANK*

*DIN 11851* 15  
*FEMALE - DIN 2817 HOSE SHANK*

*DIN 11851* 15  
*MALE - SERRATED HOSE SHANK*

*DIN 11851* 15  
*FEMALE WITH ROUND NUT - SERRATED HOSE SHANK*

*DIN 11851* 16  
*FEMALE WITH ROUND NUT - SERRATED HOSE SHANK*

***MACON***

*MACON* 17  
*MALE - SERRATED HOSE SHANK*

*MACON* 17  
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*SWIVEL FLANGE - HOSE SHANK*

*DIN 2826* 19  
*FEMALE BSP - HOSE SHANK*

*DIN 2826* 19  
*MALE BSPT - HOSE SHANK*

*DIN 2826* 20  
*SAFETY CLAMPS*

**STEAM**

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<i>GROUND JOINT SEAL</i>	<b>24</b>
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<i>GROUND JOINT SEAL</i>	<b>24</b>
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**TURNEX P**

<i>TURNEX P</i>	<b>25</b>
<i>COMPLETE COUPLING</i>	

**SYMMETRIC (NF E 29.572)**

**SYMMETRIC (NF E 29.572)**

<i>SYMMETRIC (NF E 29.572)</i>	<b>26</b>
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<i>MALE PLUG WITH LOCKING RING AND CHAIN</i>	
<i>SYMMETRIC (NF E 29.572)</i>	<b>31</b>
<i>HANDLED MALE PLUG WITHOUT LOCKING RING - WITH CHAIN</i>	
<i>SYMMETRIC (NF E 29.572)</i>	<b>32</b>
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**STORZ****STORZ**

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*SUCTION & DELIVERY HOSE SHANK*

*STORZ* 35  
*MALE*

*STORZ* 35  
*FEMALE*

*STORZ* 35  
*BLANK CAP WITH CHAIN*

*STORZ* 36  
*BLANK CAP WITH CHAIN*

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*TANKWAGEN (DIN 28 450)* 38  
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*TANKWAGEN (DIN 28 450)* 39  
*PROFILED GASKET FOR TYPE MK*

*TANKWAGEN (DIN 28 450)* 39  
*FLAT GASKET FOR TYPE MK AND VK THREAD END*

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**CAM & GROOVE**

**CAM & GROOVE (MIL C - 27.487)**

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**COMBINATION NIPPLE****HOSE SHANK FOR CRIMPING FERRULE**

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<i>COMBINATION NIPPLE MALE NPT COMPLETE WITH PRE-CRIMPED FERRULE</i>	52
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<i>SWIVEL FLANGE DIN 2817 HOSE SHANK</i>	58
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**FLANGE**

**FIXED FLANGE - SERRATED HOSE SHANK**

*FIXED FLANGE - SERRATED HOSE SHANK  
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*FIXED FLANGE - SERRATED HOSE SHANK* **60**

*FIXED FLANGE - SERRATED HOSE SHANK* **60**

**SWIVEL FLANGE - SERRATED HOSE SHANK**

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*SWIVEL FLANGE - SERRATED HOSE SHANK  
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*CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED  
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*CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
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*CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
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*CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
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*CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
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**MORTAR**

**MORTAR*****MORTAR***

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**CLAMPS & FERRULES*****SAFETY CLAMPS (DIN 2817)***

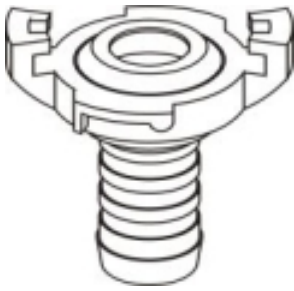
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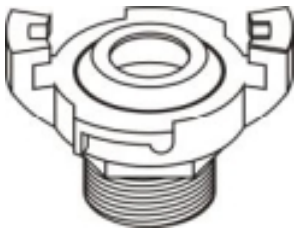
***SUPERCLAMP***

<i>SINGLE BOLT SUPERCLAMP</i>	<b>71</b>
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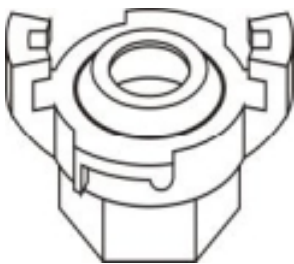
**EXPRESS (NF E 29.573)**  
**HOSE SHANK - GASKET INCLUDED**

Code	HOSE I.D. in	HOSE I.D. mm	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I819E300-010041	3/8	10	41	57	BRASS
I819E300-013041	1/2	13	41	57	BRASS
I819E300-016041	5/8	16	41	57	BRASS
I819E300-019041	3/4	19	41	57	BRASS
I819E300-025041	1	25	41	57	BRASS



**EXPRESS (NF E 29.573)**  
**MALE BSP - GASKET INCLUDED**

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I8A9E206-041017	3/8	BSP	41	57	BRASS
I8A9E206-041021	1/2	BSP	41	57	BRASS
I8A9E206-041027	3/4	BSP	41	57	BRASS
I8A9E206-041034	1	BSP	41	57	BRASS



**EXPRESS (NF E 29.573)**  
**FEMALE BSP - GASKET INCLUDED**

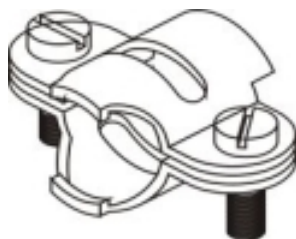
Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I8A9E306-041017	3/8	BSP	41	57	BRASS
I8A9E306-041021	1/2	BSP	41	57	BRASS
I8A9E306-041027	3/4	BSP	41	57	BRASS
I8A9E306-041034	1	BSP	41	57	BRASS



**EXPRESS (NF E 29.573)**  
**GASKET**

Code	MATERIAL
INJM9E-041	NBR

## COMPRESSED AIR / EXPRESS (NF E 29.573)

**EXPRESS (NF E 29.573)****CLAMPS - 2 GRIPPING FINGER TYPE**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I1LG2E-013020	1/2	13	19	21	PLATED STEEL
I1LG2E-016026	5/8	16	25	27	PLATED STEEL
I1LG2E-019029	3/4	19	28	30	PLATED STEEL
I1LG2E-025035	1	25	34	36	PLATED STEEL

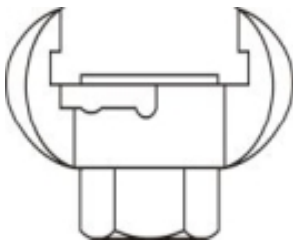
## COMPRESSED AIR / TYPE A CLAW COUPLING (EUROPEAN TYPE)


**TYPE A CLAW COUPLING (EUROPEAN TYPE)  
HOSE SHANK WITH SAFETY COLLAR - GASKET INCLUDED**

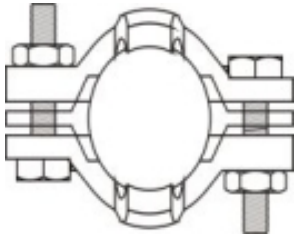
Code	HOSE I.D. in	HOSE I.D. mm	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I919L300-013042	1/2	13	42	63	MALLEABLE IRON
I919L300-019042	3/4	19	42	63	MALLEABLE IRON
I919L300-025042	1	25	42	63	MALLEABLE IRON


**TYPE A CLAW COUPLING (EUROPEAN TYPE)  
MALE BSPT (DIN 3489 - FORMERLY DIN 3481) - GASKET INCLUDED**

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I9A9L206-042021	1/2	BSPT	42	63	MALLEABLE IRON
I9A9L206-042027	3/4	BSPT	42	63	MALLEABLE IRON
I9A9L206-042034	1	BSPT	42	63	MALLEABLE IRON


**TYPE A CLAW COUPLING (EUROPEAN TYPE)  
FEMALE BSP (DIN 3489 - FORMERLY DIN 3482) - GASKET INCLUDED**

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I9A9L306-042021	1/2	BSP	42	63	MALLEABLE IRON
I9A9L306-042027	3/4	BSP	42	63	MALLEABLE IRON
I9A9L306-042034	1	BSP	42	63	MALLEABLE IRON

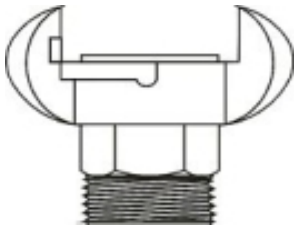
**COMPRESSED AIR / TYPE A CLAW COUPLING (EUROPEAN TYPE)**

**TYPE A CLAW COUPLING (EUROPEAN TYPE)**
**CLAW CLAMPS - DIN 20 039 B**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I9LG2A-013026	1/2	13	22	29	MALLEABLE IRON
I9LG2A-019030	3/4	19	28	32	MALLEABLE IRON
I9LG2A-025039	1	25	35	42	MALLEABLE IRON

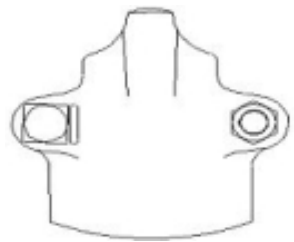
## COMPRESSED AIR / TYPE B CLAW COUPLING (U.S. TYPE)


**TYPE B CLAW COUPLING (U.S. TYPE)**
**HOSE SHANK - GASKET INCLUDED**

Code	HOSE I.D. in	HOSE I.D. mm	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	NOTE	MATERIAL
I919K300-013041	1/2	13	41	62		MALLEABLE IRON
I919K300-019041	3/4	19	41	62		MALLEABLE IRON
I919K300-025041	1	25	41	62		MALLEABLE IRON

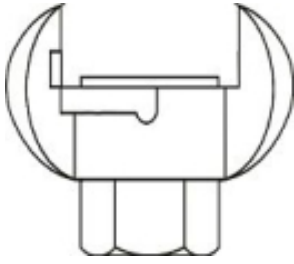

**TYPE B CLAW COUPLING (U.S. TYPE)**
**MALE NPT - GASKET INCLUDED**

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I9A9K228-041021	1/2	NPT	41	62	MALLEABLE IRON
I9A9K228-041027	3/4	NPT	41	62	MALLEABLE IRON
I9A9K228-041034	1	NPT	41	62	MALLEABLE IRON


**TYPE B CLAW COUPLING (U.S. TYPE)**
**CLAW CLAMPS**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I9LG2B-013028	1/2	13	25,4	30,1	MALLEABLE IRON
I9LG2B-019031	3/4	19	28,6	33,3	MALLEABLE IRON
I9LG2B-025042	1	25	38,1	46,4	MALLEABLE IRON

## COMPRESSED AIR / TYPE B CLAW COUPLING (U.S. TYPE)



## TYPE B CLAW COUPLING (U.S. TYPE)

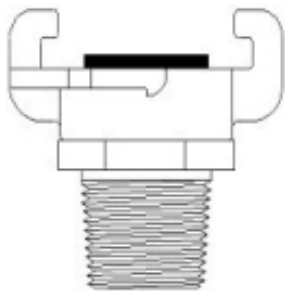
## FEMALE NPT - GASKET INCLUDED

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	NOTE	MATERIAL
I9A9K328-041021	1/2	NPT	41	62		MALLEABLE IRON
I9A9K328-041027	3/4	NPT	41	62		MALLEABLE IRON
I9A9K328-041034	1	NPT	41	62		MALLEABLE IRON

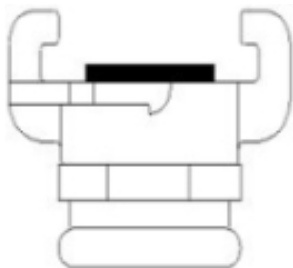
## COMPRESSED AIR / TYPE S CLAW COUPLING (AUSTRALIAN TYPE)


**TYPE S CLAW COUPLING (AUSTRALIAN TYPE)**
**HOSE SHANK - GASKET INCLUDED**

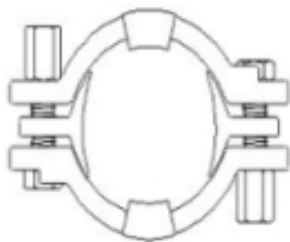
Code	HOSE I.D. in	HOSE I.D. mm	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I919N300-013045	1/2	13	45	68	MALLEABLE IRON
I919N300-019045	3/4	19	45	68	MALLEABLE IRON
I919N300-025045	1	25	45	68	MALLEABLE IRON
I919N300-032045	1 1/4	32	45	68	MALLEABLE IRON
I919N300-038074	1 1/2	38	74	115	MALLEABLE IRON
I919N300-051074	2	51	74	115	MALLEABLE IRON
I919N300-076118	3	76	118	174	MALLEABLE IRON


**TYPE S CLAW COUPLING (AUSTRALIAN TYPE)**
**MALE BSPT - GASKET INCLUDED**

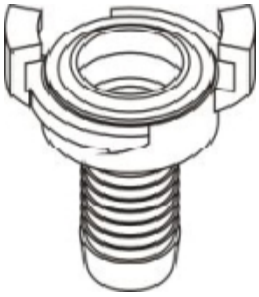
Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I9A9N207-045021	1/2	BSPT	45	68	MALLEABLE IRON
I9A9N207-045027	3/4	BSPT	45	68	MALLEABLE IRON
I9A9N207-045034	1	BSPT	45	68	MALLEABLE IRON
I9A9N207-045042	1 1/4	BSPT	45	68	MALLEABLE IRON
I9A9N207-074049	1 1/2	BSPT	74	115	MALLEABLE IRON
I9A9N207-074060	2	BSPT	74	115	MALLEABLE IRON
I9A9N207-118090	3	BSPT	118	174	MALLEABLE IRON


**TYPE S CLAW COUPLING (AUSTRALIAN TYPE)**
**FEMALE BSP - GASKET INCLUDED**

Code	THREAD in	THREAD type	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL	MATERIAL
I9A9N306-045021	1/2	BSP	45	68	9	MALLEABLE IRON
I9A9N306-045027	3/4	BSP	45	68	9	MALLEABLE IRON
I9A9N306-045034	1	BSP	45	68	9	MALLEABLE IRON
I9A9N306-045042	1 1/4	BSP	45	68	9	MALLEABLE IRON
I9A9N306-074049	1 1/2	BSP	74	115	9	MALLEABLE IRON
I9A9N306-074060	2	BSP	74	115	9	MALLEABLE IRON
I9A9N306-118090	3	BSP	118	174	9	MALLEABLE IRON

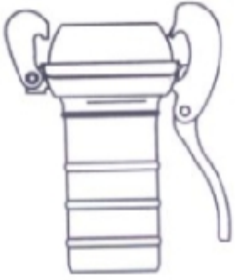
**COMPRESSED AIR / TYPE S CLAW COUPLING (AUSTRALIAN TYPE)**

**TYPE S CLAW COUPLING (AUSTRALIAN TYPE)  
CLAW CLAMPS**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I9LG2M-013026	1/2	13	22	29	MALLEABLE IRON
I9LG2M-019031	3/4	19	28	34	MALLEABLE IRON
I9LG2M-025038	1	25	35	40	MALLEABLE IRON
I9LG2M-032044	1 1/4	32	40	48	MALLEABLE IRON
I9LG2M-038053	1 1/2	38	48	58	MALLEABLE IRON
I9LG2M-051066	2	51	63	69	MALLEABLE IRON
I9LG2M-076092	3	76	88	96	MALLEABLE IRON

**GEKA  
HOSE SHANK - GASKET INCLUDED**

Code	HOSE I.D. in	HOSE I.D. mm	CLAW DISTANCE INTERNAL mm	CLAW DISTANCE EXTERNAL mm	MATERIAL
I818A300-013040	1/2	13	40	54	BRASS
I818A300-019040	3/4	19	40	54	BRASS
I818A300-025040	1	25	40	54	BRASS

## WATER / TYPE B - BAUER COMPATIBLE


**TYPE B - BAUER COMPATIBLE  
MALE - HOSE SHANK**

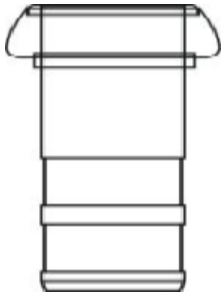
Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE mm	MATERIAL
I119B100-050050	2	50	50	PLATED STEEL
I119B100-076076	3	76	76	PLATED STEEL
I119B100-076089	3	76	89	PLATED STEEL
I119B100-102108	4	102	108	PLATED STEEL
I119B100-125133	5	125	133	PLATED STEEL
I119B100-152159	6	152	159	PLATED STEEL
I119B100-203194	8	203	194	PLATED STEEL


**TYPE B - BAUER COMPATIBLE  
FEMALE - HOSE SHANK - GASKET INCLUDED**

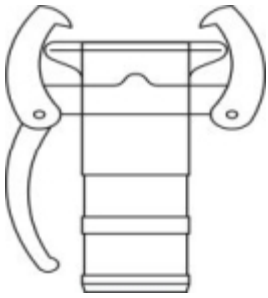
Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE mm	MATERIAL
I119B200-050050	2	50	50	PLATED STEEL
I119B200-076076	3	76	76	PLATED STEEL
I119B200-076089	3	76	89	PLATED STEEL
I119B200-102108	4	102	108	PLATED STEEL
I119B200-125133	5	125	133	PLATED STEEL
I119B200-152159	6	152	159	PLATED STEEL
I119B200-203194	8	203	194	PLATED STEEL

**TYPE B - BAUER COMPATIBLE  
ANTIOIL RUBBER GASKET**

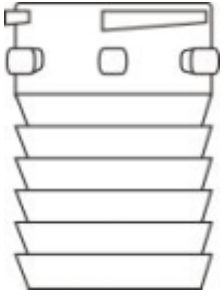
Code	COUPLING SIZE mm	MATERIAL
INJM9B-050	50	NBR
INJM9B-076	76	NBR
INJM9B-089	89	NBR
INJM9B-108	108	NBR
INJM9B-133	133	NBR
INJM9B-159	159	NBR
INJM9B-194	194	NBR

**WATER / TYPE C - CARDAN/PERROT COMPATIBLE**

**TYPE C - CARDAN/PERROT COMPATIBLE  
MALE- HOSE SHANK**

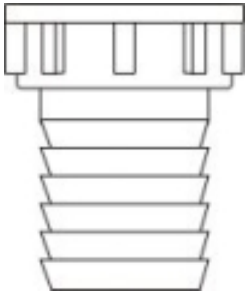
Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE mm	MATERIAL
I119P100-050050	2	50	50	PLATED STEEL
I119P100-076070	3	76	70	PLATED STEEL
I119P100-102108	4	102	108	PLATED STEEL
I119P100-125133	5	125	133	PLATED STEEL
I119P100-152159	6	152	159	PLATED STEEL


**TYPE C - CARDAN/PERROT COMPATIBLE  
FEMALE - HOSE SHANK - GASKET INCLUDED**

Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE mm	MATERIAL
I119P200-050050	2	50	50	PLATED STEEL
I119P200-076070	3	76	70	PLATED STEEL
I119P200-102108	4	102	108	PLATED STEEL
I119P200-125133	5	125	133	PLATED STEEL
I119P200-152159	6	152	159	PLATED STEEL

**VIDANGE  
MALE**

Code	HOSE DN mm	HEAD SIZE mm	MATERIAL
I819A100-105100	105	100	BRASS

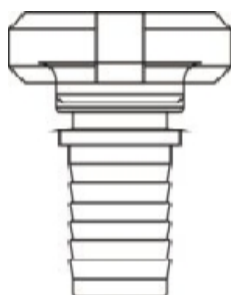
**VIDANGE  
FEMALE - GASKET INCLUDED**

Code	HOSE DN mm	HEAD SIZE mm	MATERIAL
I819A200-105100	105	100	BRASS

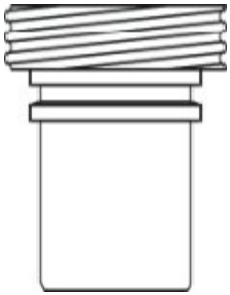
## HYGIENIC-FOOD / SMS

**SMS****MALE - SERRATED HOSE SHANK**

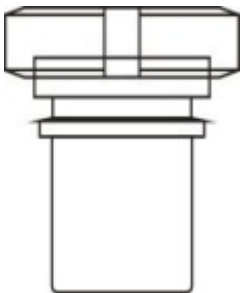
Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I389S100-025025	1	25	25	40 x 1/6	S/S 316
I389S100-038040	1 1/2	38	40	60 x 1/6	S/S 316
I389S100-051050	2	51	50	70 x 1/6	S/S 316
I389S100-063065	2 1/2	63	65	85 x 1/6	S/S 316
I389S100-076080	3	76	80	98 x 1/6	S/S 316
I389S100-102100	4	102	100	132 x 1/6	S/S 316

**SMS****FEMALE - SERRATED HOSE SHANK**

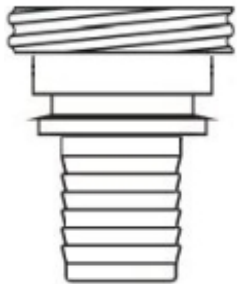
Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I389S200-025025	1	25	25	40 x 1/6	S/S 316
I389S200-038040	1 1/2	38	40	60 x 1/6	S/S 316
I389S200-051050	2	51	50	70 x 1/6	S/S 316
I389S200-063065	2 1/2	63	65	85 x 1/6	S/S 316
I389S200-076080	3	76	80	98 x 1/6	S/S 316
I389S200-102100	4	102	100	132 x 1/6	S/S 316


**DIN 11851**
**MALE - DIN 2817 HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I349Q100-025025	1	25	25	52 x 1/6	S/S 316
I349Q100-032032	1 1/4	32	32	58 x 1/6	S/S 316
I349Q100-038040	1 1/2	38	40	65 x 1/6	S/S 316
I349Q100-051050	2	51	50	78 x 1/6	S/S 316
I349Q100-063065	2 1/2	63	65	95 x 1/6	S/S 316
I349Q100-076080	3	76	80	110 x 1/4	S/S 316
I349Q100-102100	4	102	100	130 x 1/4	S/S 316

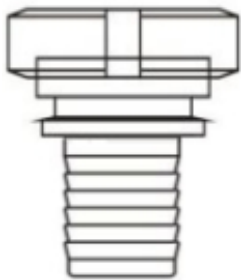

**DIN 11851**
**FEMALE - DIN 2817 HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I349Q200-025025	1	25	25	52 x 1/6	S/S 316
I349Q200-032032	1 1/4	32	32	58 x 1/6	S/S 316
I349Q200-038040	1 1/2	38	40	65 x 1/6	S/S 316
I349Q200-051050	2	51	50	78 x 1/6	S/S 316
I349Q200-063065	2 1/2	63	65	95 x 1/6	S/S 316
I349Q200-076080	3	76	80	110 x 1/4	S/S 316
I349Q200-102100	4	102	100	130 x 1/4	S/S 316

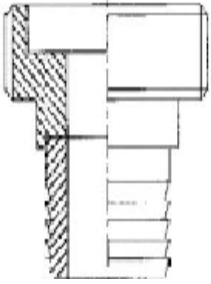

**DIN 11851**
**MALE - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I389Q100-025025	1	25	25	52 x 1/6	S/S 316
I389Q100-032032	1 1/4	32	32	58 x 1/6	S/S 316
I389Q100-038040	1 1/2	38	40	65 x 1/6	S/S 316
I389Q100-051050	2	51	50	78 x 1/6	S/S 316
I389Q100-063065	2 1/2	63	65	95 x 1/6	S/S 316
I389Q100-076080	3	76	80	110 x 1/4	S/S 316
I389Q100-102100	4	102	100	130 x 1/4	S/S 316

## HYGIENIC-FOOD / DIN 11851

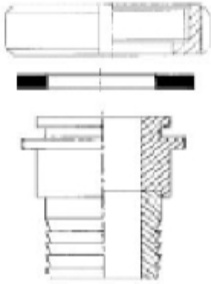
**DIN 11851****FEMALE WITH ROUND NUT - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	THREAD type	MATERIAL
I389Q200-025025	1	25	25	52 x 1/6	S/S 316
I389Q200-032032	1 1/4	32	32	58 x 1/6	S/S 316
I389Q200-038040	1 1/2	38	40	65 x 1/6	S/S 316
I389Q200-051050	2	51	50	78 x 1/6	S/S 316
I389Q200-063065	2 1/2	63	65	95 x 1/6	S/S 316
I389Q200-076080	3	76	80	110 x 1/4	S/S 316
I389Q200-102100	4	102	100	130 x 1/4	S/S 316



**MACON**  
**MALE - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	MATERIAL
I389M100-040040		40	40	S/S 316
I389M100-050050		50	50	S/S 316
I389M100-070070		70	70	S/S 316



**MACON**  
**FEMALE WITH ROUND NUT - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN mm	MATERIAL
I389M200-040040		40	40	S/S 316
I389M200-050050		50	50	S/S 316
I389M200-070070		70	70	S/S 316

## HYGIENIC-FOOD / SERRATED FERRULE FOR HYGIENIC COUPLING

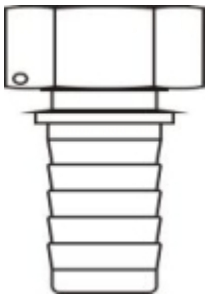
**SERRATED FERRULE FOR HYGIENIC COUPLING**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I208U040-047053	1 1/2	38	47	53	S/S 304
I208U051-060065	2	51	60	65	S/S 304
I208U063-074078	2 1/2	63	74	78	S/S 304
I208U070-081086	2 7/8	70	81	86	S/S 304
I208U076-087092	3	76	87	92	S/S 304


**DIN 2826**
**MALE BSPT - HOSE SHANK**

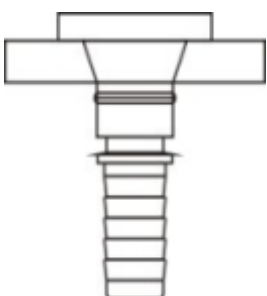
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I8107100-013021	1/2	13	1/2	BSPT	BRASS
I8107100-019027	3/4	19	3/4	BSPT	BRASS
I8107100-025034	1	25	1	BSPT	BRASS
I8107100-038049	1 1/2	38	1 1/2	BSPT	BRASS
I8107100-051060	2	50	2	BSPT	BRASS

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I3107100-013021	1/2	13	1/2	BSPT	S/S 316
I3107100-019027	3/4	19	3/4	BSPT	S/S 316
I3107100-025034	1	25	1	BSPT	S/S 316
I3107100-038049	1 1/2	38	1 1/2	BSPT	S/S 316
I3107100-051060	2	50	2	BSPT	S/S 316


**DIN 2826**
**FEMALE BSP - HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I8106200-013021	1/2	13	1/2	BSP	BRASS
I8106200-019027	3/4	19	3/4	BSP	BRASS
I8106200-025034	1	25	1	BSP	BRASS
I8106200-038049	1 1/2	38	1 1/2	BSP	BRASS
I8106200-051060	2	50	2	BSP	BRASS

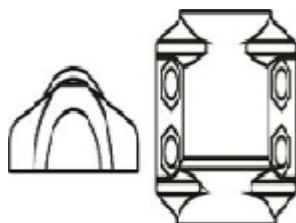
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I3106200-013021	1/2	13	1/2	BSP	S/S 316
I3106200-019027	3/4	19	3/4	BSP	S/S 316
I3106200-025034	1	25	1	BSP	S/S 316
I3106200-038049	1 1/2	38	1 1/2	BSP	S/S 316
I3106200-051060	2	50	2	BSP	S/S 316


**DIN 2826**
**SWIVEL FLANGE - HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I17BG74A-019020	3/4	19	PN 40	PLATED STEEL	PLATED STEEL
I17BG74A-025025	1	25	PN 40	PLATED STEEL	PLATED STEEL
I17BG74A-038040	1 1/2	38	PN 40	PLATED STEEL	PLATED STEEL
I17BG74A-051050	2	50	PN 40	PLATED STEEL	PLATED STEEL

## STEAM / DIN 2826

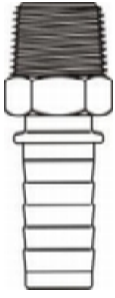
Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I37BG74A-019020	3/4	19	PN 40	S/S 316	S/S 316
I37BG74A-025025	1	25	PN 40	S/S 316	S/S 316
I37BG74A-038040	1 1/2	38	PN 40	S/S 316	S/S 316
I37BG74A-051050	2	50	PN 40	S/S 316	S/S 316



## DIN 2826

## SAFETY CLAMPS

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I8LG4C-013025	1/2	13 x 6.0	24	26	BRASS
I8LG4C-019033	3/4	19 x 7.0	32	34	BRASS
I8LG4C-025040	1	25 x 7.5	39	41	BRASS
I8LG4C-038054	1 1/2	38 X 8.0	53	56	BRASS
I8LG4C-050068	2	50 x 9.0	67	69	BRASS

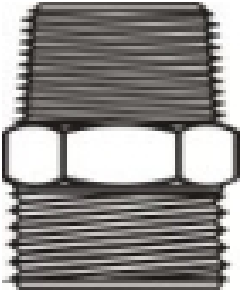

**GROUND JOINT SEAL**
**MALE BSP - HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I118B107-013021	1/2	13	1/2	BSP	PLATED STEEL
I118B107-019027	3/4	19	3/4	BSP	PLATED STEEL
I118B107-025034	1	25	1	BSP	PLATED STEEL
I918B107-032042	1 1/4	32	1 1/4	BSP	MALLEABLE IRON
I918B107-038049	1 1/2	38	1 1/2	BSP	MALLEABLE IRON
I918B107-051060	2	51	2	BSP	MALLEABLE IRON
I918B107-063076	2 1/2	63	2 1/2	BSP	MALLEABLE IRON
I918B107-076090	3	76	3	BSP	MALLEABLE IRON
I918B107-102114	4	102	4	BSP	MALLEABLE IRON

## STEAM / GROUND JOINT SEAL

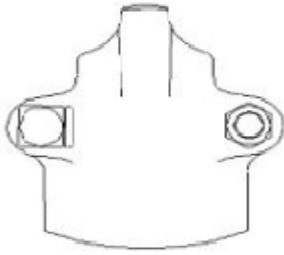

**GROUND JOINT SEAL  
COMPLETE COUPLING BSP**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I918B206-013021	1/2	13	1/2	BSP	MALLEABLE IRON
I918B206-019027	3/4	19	3/4	BSP	MALLEABLE IRON
I918B206-025034	1	25	1	BSP	MALLEABLE IRON
I918B206-032042	1 1/4	32	1 1/4	BSP	MALLEABLE IRON
I918B206-038049	1 1/2	38	1 1/2	BSP	MALLEABLE IRON
I918B206-051060	2	51	2	BSP	MALLEABLE IRON
I918B206-063076	2 1/2	63	2 1/2	BSP	MALLEABLE IRON
I918B206-076090	3	76	3	BSP	MALLEABLE IRON
I918B206-102114	4	102	4	BSP	MALLEABLE IRON

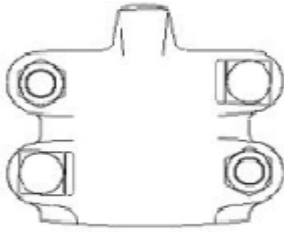
**GROUND JOINT SEAL  
MALE SPUD x WING NUT**

Code	THREAD in	THREAD type	THREAD in	THREAD type	MATERIAL
I9A8B507-013021	1/2	BSP	1/2	WING NUT	MALLEABLE IRON
I9A8B507-019027	3/4	BSP	3/4	WING NUT	MALLEABLE IRON
I9A8B507-025034	1	BSP	1	WING NUT	MALLEABLE IRON
I9A8B507-032042	1 1/4	BSP	1 1/4	WING NUT	MALLEABLE IRON
I9A8B507-038049	1 1/2	BSP	1 1/2	WING NUT	MALLEABLE IRON
I9A8B507-051060	2	BSP	2	WING NUT	MALLEABLE IRON
I9A8B507-063076	2 1/2	BSP	2 1/2	WING NUT	MALLEABLE IRON
I9A8B507-076090	3	BSP	3	WING NUT	MALLEABLE IRON

## STEAM / GROUND JOINT SEAL

**GROUND JOINT SEAL****CLAMPS - 2 BOLT - 2 GRIPPING FINGER TYPE**

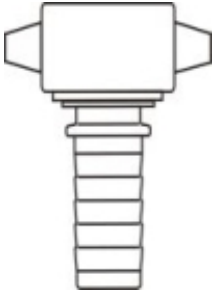
Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I9LG2F-013026	1/2	13	24	27	MALLEABLE IRON
I9LG2F-019032	3/4	19	30	33	MALLEABLE IRON

**GROUND JOINT SEAL****CLAMPS - 4 BOLT - 2 GRIPPING FINGER TYPE**

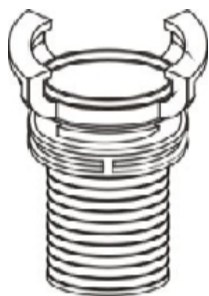
Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL	NOTE
I9LG4F-025041	1	25	39	43,5	MALLEABLE IRON	
I9LG4F-032046	1 1/4	32	43	47,5	MALLEABLE IRON	4 GRIPPING FINGER
I9LG4F-038049	1 1/2	38	45	53	MALLEABLE IRON	
I9LG4F-051067	2	51	63	70	MALLEABLE IRON	
I9LG4F-076094	3	76	89	100	MALLEABLE IRON	

**GROUND JOINT SEAL****CLAMPS - 6 BOLT - 3 GRIPPING FINGER TYPE**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL	NOTE
I9LG6F-102123	4	102	117,5	127	MALLEABLE IRON	

**TURNEX P  
COMPLETE COUPLING**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD mm	MATERIAL
I119X200-019027	3/4	19	20x27	PLATED STEEL
I119X200-025034	1	25	26x34	PLATED STEEL
I119X200-025049	1	25	40x49	PLATED STEEL

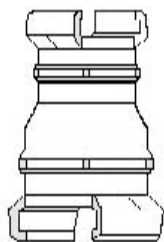
**SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)**

**SYMMETRIC (NF E 29.572)**
**HOSE SHANK - WITH LOCKING RING**

Code	HEAD DN mm	HOSE SHANK DN mm	NOTE	MATERIAL
I5191300-025020	20	25		ALLUMINIUM
I5191300-030025	25	30		ALLUMINIUM
I5191300-035032	32	35		ALLUMINIUM
I5191300-045040	40	45		ALLUMINIUM
I5191300-055050	50	55		ALLUMINIUM
I5191300-070065	65	70		ALLUMINIUM
I5191300-090080	80	90		ALLUMINIUM
I5191300-110100	100	110		ALLUMINIUM
I5191300-030032	32	30	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-040040	40	40	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-051050	50	51	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-065065	65	65	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-076080	80	76	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-081080	80	81	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-102100	100	102	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-105100	100	105	HOSE SHANK WITH COLLAR	ALLUMINIUM
I5191300-152150	150	152	HOSE SHANK WITH COLLAR	ALLUMINIUM

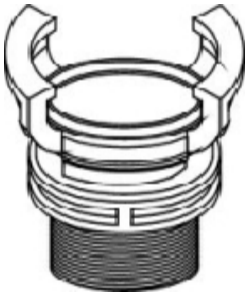
Code	HEAD DN mm	HOSE SHANK DN mm	NOTE	MATERIAL
I3191300-025020	20	25		S/S 316
I3191300-030025	25	30		S/S 316
I3191300-035032	32	35		S/S 316
I3191300-045040	40	45		S/S 316
I3191300-055050	50	55		S/S 316
I3191300-070065	65	70		S/S 316
I3191300-090080	80	90		S/S 316
I3191300-110100	100	110		S/S 316
I3191300-040040	40	40	HOSE SHANK WITH COLLAR	S/S 316
I3191300-051050	50	51	HOSE SHANK WITH COLLAR	S/S 316
I3191300-065065	65	65	HOSE SHANK WITH COLLAR	S/S 316
I3191300-076080	80	76	HOSE SHANK WITH COLLAR	S/S 316
I3191300-080080	80	80	HOSE SHANK WITH COLLAR	S/S 316
I3191300-102100	100	102	HOSE SHANK WITH COLLAR	S/S 316

## SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)

Code	HEAD DN mm	HOSE SHANK DN mm	NOTE	MATERIAL
I7191300-025020	20	25		BRONZE
I7191300-030025	25	30		BRONZE
I7191300-035032	32	35		BRONZE
I7191300-045040	40	45		BRONZE
I7191300-055050	50	55		BRONZE
I7191300-070065	65	70		BRONZE
I7191300-090080	80	90		BRONZE
I7191300-110100	100	110		BRONZE
I7191300-040040	40	40	HOSE SHANK WITH COLLAR	BRONZE
I7191300-051050	50	51	HOSE SHANK WITH COLLAR	BRONZE
I7191300-065065	65	65	HOSE SHANK WITH COLLAR	BRONZE
I7191300-076080	80	76	HOSE SHANK WITH COLLAR	BRONZE
I7191300-080080	80	80	HOSE SHANK WITH COLLAR	BRONZE
I7191300-102100	100	102	HOSE SHANK WITH COLLAR	BRONZE

**SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)****SYMMETRIC (NF E 29.572)  
REDUCING ADAPTER WITH LOCKING RINGS**

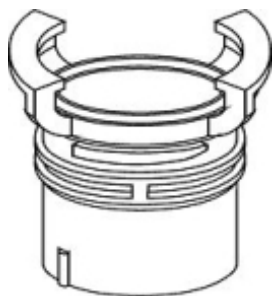
Code	HEAD DN mm	HEAD DN mm	MATERIAL
I5A91191-050040	40	50	ALLUMINIUM
I5A91191-065050	65	50	ALLUMINIUM
I5A91191-080050	80	50	ALLUMINIUM
I5A91191-080065	80	65	ALLUMINIUM
I5A91191-100080	100	80	ALLUMINIUM


**SYMMETRIC (NF E 29.572)**
**MALE BSP - WITH LOCKING RING**

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I5A91206-020027	20	3/4	BSP	ALLUMINIUM
I5A91206-025034	25	1	BSP	ALLUMINIUM
I5A91206-032042	32	1 1/4	BSP	ALLUMINIUM
I5A91206-040049	40	1 1/2	BSP	ALLUMINIUM
I5A91206-050060	50	2	BSP	ALLUMINIUM
I5A91206-065076	65	2 1/2	BSP	ALLUMINIUM
I5A91206-080090	80	3	BSP	ALLUMINIUM
I5A91206-100114	100	4	BSP	ALLUMINIUM
I5A91206-150165	150	6	BSP	ALLUMINIUM

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A91206-020027	20	3/4	BSP	S/S 316
I3A91206-025034	25	1	BSP	S/S 316
I3A91206-032042	32	1 1/4	BSP	S/S 316
I3A91206-040049	40	1 1/2	BSP	S/S 316
I3A91206-050060	50	2	BSP	S/S 316
I3A91206-065076	65	2 1/2	BSP	S/S 316
I3A91206-080090	80	3	BSP	S/S 316
I3A91206-100114	100	4	BSP	S/S 316

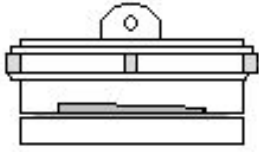
Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I7A91206-020027	20	3/4	BSP	BRONZE
I7A91206-025034	25	1	BSP	BRONZE
I7A91206-032042	32	1 1/4	BSP	BRONZE
I7A91206-040049	40	1 1/2	BSP	BRONZE
I7A91206-050060	50	2	BSP	BRONZE
I7A91206-065076	65	2 1/2	BSP	BRONZE
I7A91206-080090	80	3	BSP	BRONZE
I7A91206-100114	100	4	BSP	BRONZE

**SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)**

**SYMMETRIC (NF E 29.572)  
FEMALE BSP - WITH LOCKING RING**

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I5A91306-020027	20	3/4	BSP	ALLUMINIUM
I5A91306-025034	25	1	BSP	ALLUMINIUM
I5A91306-032042	32	1 1/4	BSP	ALLUMINIUM
I5A91306-040049	40	1 1/2	BSP	ALLUMINIUM
I5A91306-050060	50	2	BSP	ALLUMINIUM
I5A91306-065076	65	2 1/2	BSP	ALLUMINIUM
I5A91306-080090	80	3	BSP	ALLUMINIUM
I5A91306-100114	100	4	BSP	ALLUMINIUM
I5A91306-150165	150	6	BSP	ALLUMINIUM

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A91306-020027	20	3/4	BSP	S/S 316
I3A91306-025034	25	1	BSP	S/S 316
I3A91306-032042	32	1 1/4	BSP	S/S 316
I3A91306-040049	40	1 1/2	BSP	S/S 316
I3A91306-050060	50	2	BSP	S/S 316
I3A91306-065076	65	2 1/2	BSP	S/S 316
I3A91306-080090	80	3	BSP	S/S 316
I3A91306-100114	100	4	BSP	S/S 316

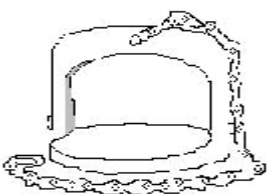
Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I7A91306-020027	20	3/4	BSP	BRONZE
I7A91306-025034	25	1	BSP	BRONZE
I7A91306-032042	32	1 1/4	BSP	BRONZE
I7A91306-040049	40	1 1/2	BSP	BRONZE
I7A91306-050060	50	2	BSP	BRONZE
I7A91306-065076	65	2 1/2	BSP	BRONZE
I7A91306-080090	80	3	BSP	BRONZE
I7A91306-100114	100	4	BSP	BRONZE


**SYMMETRIC (NF E 29.572)**
**MALE PLUG WITH LOCKING RING AND CHAIN**

Code	HEAD DN mm	NOTE	MATERIAL
I5A91400-020	20	FIXED LOCKING RING	ALLUMINIUM
I5A91400-025	25	FIXED LOCKING RING	ALLUMINIUM
I5A91400-032	32	FIXED LOCKING RING	ALLUMINIUM
I5A91400-040	40	FIXED LOCKING RING	ALLUMINIUM
I5A91400-050	50		ALLUMINIUM
I5A91400-065	65		ALLUMINIUM
I5A91400-080	80		ALLUMINIUM
I5A91400-100	100		ALLUMINIUM
I5A91400-150	150		ALLUMINIUM

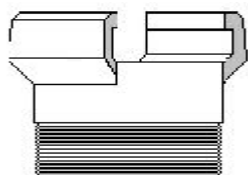
Code	HEAD DN mm	Note	MATERIAL
I3A91400-020	20		S/S 316
I3A91400-025	25		S/S 316
I3A91400-032	32		S/S 316
I3A91400-040	40		S/S 316
I3A91400-050	50		S/S 316
I3A91400-065	65		S/S 316
I3A91400-080	80		S/S 316
I3A91400-100	100		S/S 316

Code	HEAD DN mm	NOTE	MATERIAL
I7A91400-020	20	FIXED LOCKING RING	BRONZE
I7A91400-025	25	FIXED LOCKING RING	BRONZE
I7A91400-032	32	FIXED LOCKING RING	BRONZE
I7A91400-040	40	FIXED LOCKING RING	BRONZE
I7A91400-050	50		BRONZE
I7A91400-065	65		BRONZE
I7A91400-080	80		BRONZE
I7A91400-100	100		BRONZE


**SYMMETRIC (NF E 29.572)**
**HANDLED MALE PLUG WITHOUT LOCKING RING - WITH CHAIN**

Code	HEAD DN mm	MATERIAL
I5A94400-040	40	ALLUMINIUM
I5A94400-050	50	ALLUMINIUM
I5A94400-065	65	ALLUMINIUM
I5A94400-080	80	ALLUMINIUM
I5A94400-100	100	ALLUMINIUM

## SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)



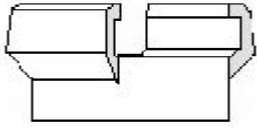
## SYMMETRIC (NF E 29.572)

## MALE BSP - WITHOUT LOCKING RING

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I5A94206-020027	20	3/4	BSP	ALLUMINIUM
I5A94206-025034	25	1	BSP	ALLUMINIUM
I5A94206-032042	32	1 1/4	BSP	ALLUMINIUM
I5A94206-040049	40	1 1/2	BSP	ALLUMINIUM
I5A94206-050060	50	2	BSP	ALLUMINIUM
I5A94206-065076	65	2 1/2	BSP	ALLUMINIUM
I5A94206-080090	80	3	BSP	ALLUMINIUM
I5A94206-100114	100	4	BSP	ALLUMINIUM

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A94206-020027	20	3/4	BSP	S/S 316
I3A94206-025034	25	1	BSP	S/S 316
I3A94206-032042	32	1 1/4	BSP	S/S 316
I3A94206-040049	40	1 1/2	BSP	S/S 316
I3A94206-050060	50	2	BSP	S/S 316
I3A94206-065076	65	2 1/2	BSP	S/S 316
I3A94206-080090	80	3	BSP	S/S 316
I3A94206-100114	100	4	BSP	S/S 316

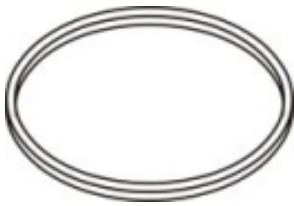
Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I7A94206-020027	20	3/4	BSP	BRONZE
I7A94206-025034	25	1	BSP	BRONZE
I7A94206-032042	32	1 1/4	BSP	BRONZE
I7A94206-040049	40	1 1/2	BSP	BRONZE
I7A94206-050060	50	2	BSP	BRONZE
I7A94206-065076	65	2 1/2	BSP	BRONZE
I7A94206-080090	80	3	BSP	BRONZE
I7A94206-100114	100	4	BSP	BRONZE


**SYMMETRIC (NF E 29.572)**
**FEMALE BSP - WITHOUT LOCKING RING**

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I5A94306-020027	20	3/4	BSP	ALLUMINIUM
I5A94306-025034	25	1	BSP	ALLUMINIUM
I5A94306-032042	32	1 1/4	BSP	ALLUMINIUM
I5A94306-040049	40	1 1/2	BSP	ALLUMINIUM
I5A94306-050060	50	2	BSP	ALLUMINIUM
I5A94306-065076	65	2 1/2	BSP	ALLUMINIUM
I5A94306-080090	80	3	BSP	ALLUMINIUM
I5A94306-100114	100	4	BSP	ALLUMINIUM

Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A94306-020027	20	3/4	BSP	S/S 316
I3A94306-025034	25	1	BSP	S/S 316
I3A94306-032049	32	1 1/4	BSP	S/S 316
I3A94306-040049	40	1 1/2	BSP	S/S 316
I3A94306-050060	50	2	BSP	S/S 316
I3A94306-065076	65	2 1/2	BSP	S/S 316
I3A94306-080090	80	3	BSP	S/S 316
I3A94306-100114	100	4	BSP	S/S 316

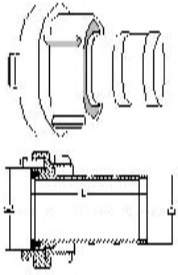
Code	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I7A94306-020027	20	3/4	BSP	BRONZE
I7A94306-025034	25	1	BSP	BRONZE
I7A94306-032042	32	1 1/4	BSP	BRONZE
I7A94306-040049	40	1 1/2	BSP	BRONZE
I7A94306-050060	50	2	BSP	BRONZE
I7A94306-065076	65	2 1/2	BSP	BRONZE
I7A94306-080090	80	3	BSP	BRONZE
I7A94306-100114	100	4	BSP	BRONZE

**SYMMETRIC (NF E 29.572) / SYMMETRIC (NF E 29.572)**

**SYMMETRIC (NF E 29.572)  
GASKET**

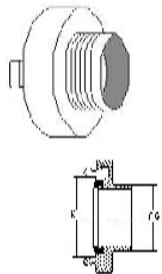
Code	HEAD DN mm	MATERIAL
INJ091-025	25	NBR
INJ091-032	32	NBR
INJ091-040	40	NBR
INJ091-050	50	NBR
INJ091-065	65	NBR
INJ091-080	80	NBR
INJ091-100	100	NBR
INJ091-150	150	NBR

Code	HEAD DN mm	MATERIAL
IBJ091-050	50	FOOD GRADE RUBBER
IBJ091-080	80	FOOD GRADE RUBBER
IBJ091-100	100	FOOD GRADE RUBBER

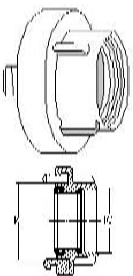
Code	HEAD DN mm	MATERIAL
ITJ091-020	20	PTFE
ITJ091-025	25	PTFE
ITJ091-032	32	PTFE
ITJ091-040	40	PTFE
ITJ091-050	50	PTFE
ITJ091-065	65	PTFE
ITJ091-080	80	PTFE
ITJ091-100	100	PTFE


**STORZ  
SUCTION & DELIVERY HOSE SHANK**

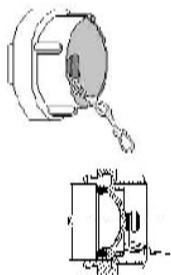
Code	HOSE I.D. mm	HEAD DN mm	K mm	L mm	MATERIAL
I519Z300-025025	25	25 - D - DS	31	53	ALLUMINIUM
I519Z300-032032	32	32 - DS	44	80	ALLUMINIUM
I519Z300-038038	38	38 - DS	51	90	ALLUMINIUM
I519Z300-051052	51	52 - C - DS	66	90	ALLUMINIUM
I519Z300-076075	76	75 - B - DS	89	125	ALLUMINIUM
I519Z300-080075	80	75 - B - DS	89	125	ALLUMINIUM
I519Z300-102100	102	100 - DS	115	150	ALLUMINIUM
I519Z300-110110	110	110 - A - DS	133	170	ALLUMINIUM


**STORZ  
MALE**

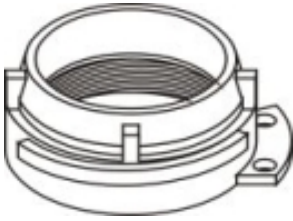
Code	THREAD type	HEAD DN mm	K mm	MATERIAL
I5A9Z206-025034	G 1"	25-D - DS	31	ALLUMINIUM
I5A9Z206-032042	G 1 1/4"	32 - DS	44	ALLUMINIUM
I5A9Z206-038049	G 1 1/2"	38 - DS	51	ALLUMINIUM
I5A9Z206-052060	G 2"	52-C - DS	66	ALLUMINIUM
I5A9Z206-075090	G 3"	75-B - DS	89	ALLUMINIUM
I5A9Z206-100114	G 4"	100 - DS	115	ALLUMINIUM
I5A9Z206-110114	G 4"	110-A - DS	133	ALLUMINIUM


**STORZ  
FEMALE**

Code	THREAD type	HEAD DN mm	K mm	MATERIAL
I5A9Z306-025034	G 1"	25-D - DS	31	ALLUMINIUM
I5A9Z306-032042	G 1 1/4"	32 - DS	44	ALLUMINIUM
I5A9Z306-038060	G 2"	38 - DS	51	ALLUMINIUM
I5A9Z306-052060	G 2"	52-C - DS	66	ALLUMINIUM
I5A9Z306-075090	G 3"	75-B - DS	89	ALLUMINIUM
I5A9Z306-100114	G 4"	100 - DS	115	ALLUMINIUM
I5A9Z306-110114	G 4"	110-A - DS	133	ALLUMINIUM

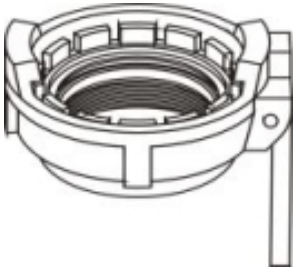
**STORZ / STORZ****STORZ  
BLANK CAP WITH CHAIN**

Code	HEAD DN mm	K mm	MATERIAL
I5A9Z400-025	25-D - DS	31	ALLUMINIUM
I5A9Z400-032	32 - DS	44	ALLUMINIUM
I5A9Z400-038	38 - DS	51	ALLUMINIUM
I5A9Z400-052	52-C - DS	66	ALLUMINIUM
I5A9Z400-075	75-B - DS	89	ALLUMINIUM
I5A9Z400-100	100 - DS	115	ALLUMINIUM
I5A9Z400-110	110-A - DS	133	ALLUMINIUM


**TANKWAGEN (DIN 28 450)**
**TYPE VK - MALE PART WITH FEMALE THREAD**

Code	HEAD DN in	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A9T606-050060		50	2	BSP	S/S 316
I3A9T606-080090		80	3	BSP	S/S 316

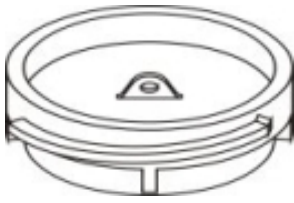
Code	HEAD DN in	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I8A9T606-050060		50	2	BSP	BRASS
I8A9T606-080090		80	3	BSP	BRASS
I8A9T606-100114		100	4	BSP	BRASS


**TANKWAGEN (DIN 28 450)**
**TYPE MK - FEMALE PART WITH FEMALE THREAD AND LOCKING HANDLE**

Code	HEAD DN in	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I3A9T806-050060		50	2	BSP	S/S 316
I3A9T806-080090		80	3	BSP	S/S 316

Code	HEAD DN in	HEAD DN mm	THREAD in	THREAD type	MATERIAL
I8A9T806-050060		50	2	BSP	BRASS
I8A9T806-080090		80	3	BSP	BRASS
I8A9T806-100114		100	4	BSP	BRASS

## TANKWAGEN (DIN 28 450) / TANKWAGEN (DIN 28 450)

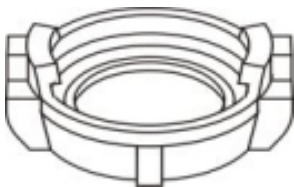


## TANKWAGEN (DIN 28 450)

## TYPE VB - MALE PLUG

Code	HEAD DN in	HEAD DN mm	MATERIAL
I3A9T700-050	2	50	S/S 316
I3A9T700-080	3	80	S/S 316

Code	HEAD DN in	HEAD DN mm	MATERIAL
I8A9T700-050	2	50	BRASS
I8A9T700-080	3	80	BRASS
I8A9T700-100	4	100	BRASS



## TANKWAGEN (DIN 28 450)

## TYPE MB - FEMALE CAP

Code	HEAD DN in	HEAD DN mm	MATERIAL
I3A9T900-050	2	50	S/S 316
I3A9T900-080	3	80	S/S 316

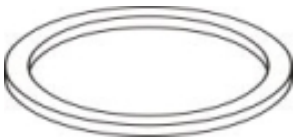
Code	HEAD DN in	HEAD DN mm	MATERIAL
I8A9T900-050	2	50	BRASS
I8A9T900-080	3	80	BRASS
I8A9T900-100	4	100	BRASS



**TANKWAGEN (DIN 28 450)**  
**PROFILED GASKET FOR TYPE MK**

Code	HEAD DN in	HEAD DN mm	MATERIAL
IHJM9T-050	2	50	HYPALON
IHJM9T-080	3	80	HYPALON

Code	HEAD DN in	HEAD DN mm	MATERIAL
INJM9T-050	2	50	NBR
INJM9T-080	3	80	NBR
INJM9T-100	4	100	NBR



**TANKWAGEN (DIN 28 450)**  
**FLAT GASKET FOR TYPE MK AND VK THREAD END**

Code	HEAD DN in	HEAD DN mm	MATERIAL
ITJ09T-050	2	50	PTFE
ITJ09T-080	3	80	PTFE



**TANKWAGEN (DIN 28 450)**  
**FLAT GASKET FOR TYPE MB**

Code	HEAD DN in	HEAD DN mm	MATERIAL
IHJ09T-050	2	50	HYPALON
IHJ09T-080	3	80	HYPALON

Code	HEAD DN in	HEAD DN mm	MATERIAL
INJ09T-050	2	50	NBR
INJ09T-080	3	80	NBR
INJ09T-100	4	100	NBR

## CAM &amp; GROOVE / CAM &amp; GROOVE (MIL C - 27.487)



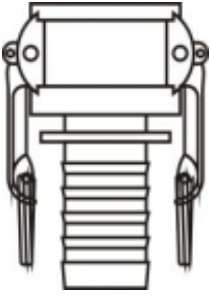
## CAM &amp; GROOVE (MIL C - 27.487)

## TYPE E - ADAPTER, HOSE SHANK

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I519C100-019019	3/4	19	3/4	19	ALLUMINIUM
I519C100-025025	1	25	1	25	ALLUMINIUM
I519C100-032032	1 1/4	32	1 1/4	32	ALLUMINIUM
I519C100-038038	1 1/2	38	1 1/2	38	ALLUMINIUM
I519C100-051051	2	51	2	51	ALLUMINIUM
I519C100-063063	2 1/2	63	2 1/2	63	ALLUMINIUM
I519C100-076076	3	76	3	76	ALLUMINIUM
I519C100-102102	4	102	4	102	ALLUMINIUM
I519C100-127127	5	127	5	127	ALLUMINIUM
I519C100-152152	6	152	6	152	ALLUMINIUM

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I319C100-019019	3/4	19	3/4	19	S/S 316
I319C100-025025	1	25	1	25	S/S 316
I319C100-032032	1 1/4	32	1 1/4	32	S/S 316
I319C100-038038	1 1/2	38	1 1/2	28	S/S 316
I319C100-051051	2	51	2	51	S/S 316
I319C100-063063	2 1/2	63	2 1/2	63	S/S 316
I319C100-076076	3	76	3	76	S/S 316
I319C100-102102	4	102	4	102	S/S 316
I319C100-152152	6	152	6	152	S/S 316

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I819C100-019019	3/4	19	3/4	19	BRASS
I819C100-025025	1	25	1	25	BRASS
I819C100-032032	1 1/4	32	1 1/4	32	BRASS
I819C100-038038	1 1/2	38	1 1/2	38	BRASS
I819C100-051051	2	51	2	51	BRASS
I819C100-063063	2 1/2	63	2 1/2	63	BRASS
I819C100-076076	3	76	3	76	BRASS
I819C100-102102	4	102	4	102	BRASS

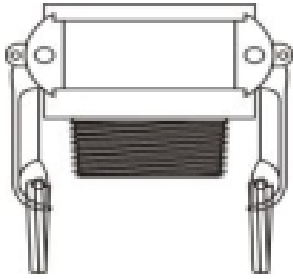

**CAM & GROOVE (MIL C - 27.487)  
TYPE C - COUPLER, HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I519C200-019019	3/4	19	3/4	19	ALLUMINIUM
I519C200-025025	1	25	1	25	ALLUMINIUM
I519C200-032032	1 1/4	32	1 1/4	32	ALLUMINIUM
I519C200-038038	1 1/2	38	1 1/2	38	ALLUMINIUM
I519C200-051051	2	51	2	51	ALLUMINIUM
I519C200-063063	2 1/2	63	2 1/2	63	ALLUMINIUM
I519C200-076076	3	76	3	76	ALLUMINIUM
I519C200-102102	4	102	4	102	ALLUMINIUM
I519C200-127127	5	127	5	127	ALLUMINIUM
I519C200-152152	6	152	6	152	ALLUMINIUM

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I319C200-019019	3/4	19	3/4	19	S/S 316
I319C200-025025	1	25	1	25	S/S 316
I319C200-032032	1 1/4	32	1 1/4	32	S/S 316
I319C200-038038	1 1/2	38	1 1/2	38	S/S 316
I319C200-051051	2	51	2	51	S/S 316
I319C200-063063	2 1/2	63	2 1/2	63	S/S 316
I319C200-076076	3	76	3	76	S/S 316
I319C200-102102	4	102	4	102	S/S 316
I319C200-152152	6	152	6	152	S/S 316

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I819C200-019019	3/4	19	3/4	19	BRASS
I819C200-025025	1	25	1	25	BRASS
I819C200-032032	1 1/4	32	1 1/4	32	BRASS
I819C200-038038	1 1/2	38	1 1/2	38	BRASS
I819C200-051051	2	51	2	51	BRASS
I819C200-063063	2 1/2	63	2 1/2	63	BRASS
I819C200-076076	3	76	3	76	BRASS
I819C200-102102	4	102	4	102	BRASS

## CAM &amp; GROOVE / CAM &amp; GROOVE (MIL C - 27.487)


**CAM & GROOVE (MIL C - 27.487)**  
**TYPE B - COUPLER, MALE BSPT**

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C007-019027	3/4	BSPT	3/4	19	ALLUMINIUM
I5A9C007-025032	1	BSPT	1	25	ALLUMINIUM
I5A9C007-032042	1 1/4	BSPT	1 1/4	32	ALLUMINIUM
I5A9C007-038049	1 1/2	BSPT	1 1/2	38	ALLUMINIUM
I5A9C007-051060	2	BSPT	2	51	ALLUMINIUM
I5A9C007-063076	2 1/2	BSPT	2 1/2	63	ALLUMINIUM
I5A9C007-076090	3	BSPT	3	76	ALLUMINIUM
I5A9C007-102114	4	BSPT	4	102	ALLUMINIUM
I5A9C007-127140	5	BSPT	5	127	ALLUMINIUM
I5A9C007-152165	6	BSPT	6	152	ALLUMINIUM

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C007-019027	3/4	BSPT	3/4	19	S/S 316
I3A9C007-025034	1	BSPT	1	25	S/S 316
I3A9C007-032042	1 1/4	BSPT	1 1/4	32	S/S 316
I3A9C007-038049	1 1/2	BSPT	1 1/2	38	S/S 316
I3A9C007-051060	2	BSPT	2	51	S/S 316
I3A9C007-063076	2 1/2	BSPT	2 1/2	63	S/S 316
I3A9C007-076090	3	BSPT	3	76	S/S 316
I3A9C007-102114	4	BSPT	4	102	S/S 316
I3A9C007-152165	6	BSPP	6	152	S/S 316

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C007-019027	3/4	BSPP	3/4	19	BRASS
I8A9C007-025034	1	BSPT	1	25	BRASS
I8A9C007-032042	1 1/4	BSPT	1 1/4	32	BRASS
I8A9C007-038049	1 1/2	BSPT	1 1/2	38	BRASS
I8A9C007-051060	2	BSPT	2	51	BRASS
I8A9C007-063076	2 1/2	BSPT	2 1/2	63	BRASS
I8A9C007-076090	3	BSPT	3	76	BRASS
I8A9C007-102114	4	BSPT	4	102	BRASS

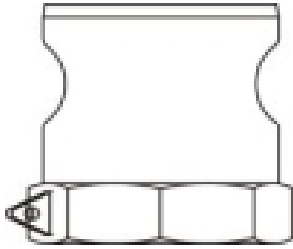

**CAM & GROOVE (MIL C - 27.487)  
TYPE F - ADAPTER, MALE BSPT**

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C507-019027	3/4	BSPT	3/4	19	ALLUMINIUM
I5A9C507-025034	1	BSPT	1	25	ALLUMINIUM
I5A9C507-032042	1 1/4	BSPT	1 1/4	32	ALLUMINIUM
I5A9C507-038049	1 1/2	BSPT	1 1/2	38	ALLUMINIUM
I5A9C507-051060	2	BSPT	2	51	ALLUMINIUM
I5A9C507-063076	2 1/2	BSPT	2 1/2	63	ALLUMINIUM
I5A9C507-076090	3	BSPT	3	76	ALLUMINIUM
I5A9C507-102114	4	BSPT	4	102	ALLUMINIUM
I5A9C507-127140	5	BSPT	5	127	ALLUMINIUM
I5A9C507-152165	6	BSPT	6	152	ALLUMINIUM

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C507-019027	3/4	BSPT	3/4	19	S/S 316
I3A9C507-025034	1	BSPT	1	25	S/S 316
I3A9C507-032042	1 1/4	BSPT	1 1/4	32	S/S 316
I3A9C507-038049	1 1/2	BSPT	1 1/2	38	S/S 316
I3A9C507-051060	2	BSPT	2	51	S/S 316
I3A9C507-063076	2 1/2	BSPT	2 1/2	63	S/S 316
I3A9C507-076090	3	BSPT	3	76	S/S 316
I3A9C507-102114	4	BSPT	4	102	S/S 316
I3A9C507-152165	6	BSPT	6	152	S/S 316

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C507-019027	3/4	BSPT	3/4	19	BRASS
I8A9C507-025034	1	BSPT	1	25	BRASS
I8A9C507-032042	1 1/4	BSPT	1 1/4	32	BRASS
I8A9C507-038049	1 1/2	BSPT	1 1/2	38	BRASS
I8A9C507-051060	2	BSPT	2	51	BRASS
I8A9C507-063076	2 1/2	BSPT	2 1/2	63	BRASS
I8A9C507-076090	3	BSPT	3	76	BRASS
I8A9C507-102114	4	BSPT	4	102	BRASS

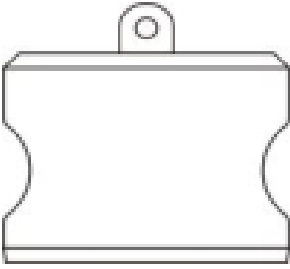
## CAM &amp; GROOVE / CAM &amp; GROOVE (MIL C - 27.487)


**CAM & GROOVE (MIL C - 27.487)**  
**TYPE A - ADAPTER, FEMALE BSP**

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C606-019027	3/4	BSP	3/4	19	ALLUMINIUM
I5A9C606-025034	1	BSP	1	25	ALLUMINIUM
I5A9C606-032042	1 1/4	BSP	1 1/4	32	ALLUMINIUM
I5A9C606-038049	1 1/2	BSP	1 1/2	38	ALLUMINIUM
I5A9C606-051060	2	BSP	2	51	ALLUMINIUM
I5A9C606-063076	2 1/2	BSP	2 1/2	63	ALLUMINIUM
I5A9C606-076090	3	BSP	3	76	ALLUMINIUM
I5A9C606-102114	4	BSP	4	102	ALLUMINIUM
I5A9C606-127140	5	BSP	5	127	ALLUMINIUM
I5A9C606-152165	6	BSP	6	152	ALLUMINIUM

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C606-019027	3/4	BSP	3/4	19	S/S 316
I3A9C606-025034	1	BSP	1	25	S/S 316
I3A9C606-032042	1 1/4	BSP	1 1/4	32	S/S 316
I3A9C606-038049	1 1/2	BSP	1 1/2	38	S/S 316
I3A9C606-051060	2	BSP	2	51	S/S 316
I3A9C606-063076	2 1/2	BSP	2 1/2	63	S/S 316
I3A9C606-076090	3	BSP	3	76	S/S 316
I3A9C606-102114	4	BSP	4	102	S/S 316
I3A9C606-152165	6	BSP	6	152	S/S 316

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C606-019027	3/4	BSP	3/4	19	BRASS
I8A9C606-025034	1	BSP	1	25	BRASS
I8A9C606-032042	1 1/4	BSP	1 1/4	32	BRASS
I8A9C606-038049	1 1/2	BSP	1 1/2	38	BRASS
I8A9C606-051060	2	BSP	2	51	BRASS
I8A9C606-063076	2 1/2	BSP	2 1/2	63	BRASS
I8A9C606-076090	3	BSP	3	76	BRASS
I8A9C606-102114	4	BSP	4	102	BRASS



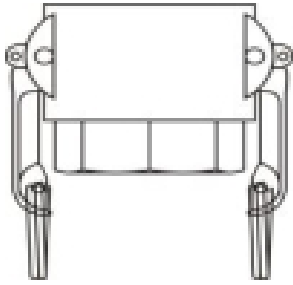
**CAM & GROOVE (MIL C - 27.487)**  
**TYPE DP - MALE DUST PLUG FOR COUPLER**

Code	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C700-019	3/4	19	ALLUMINIUM
I5A9C700-025	1	25	ALLUMINIUM
I5A9C700-032	1 1/4	32	ALLUMINIUM
I5A9C700-038	1 1/2	38	ALLUMINIUM
I5A9C700-051	2	51	ALLUMINIUM
I5A9C700-063	2 1/2	63	ALLUMINIUM
I5A9C700-076	3	76	ALLUMINIUM
I5A9C700-102	4	102	ALLUMINIUM
I5A9C700-152	6	152	ALLUMINIUM
I5A9C700-127	5	127	ALLUMINIUM

Code	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C700-019	3/4	19	S/S 316
I3A9C700-025	1	25	S/S 316
I3A9C700-032	1 1/4	32	S/S 316
I3A9C700-038	1 1/2	38	S/S 316
I3A9C700-051	2	51	S/S 316
I3A9C700-063	2 1/2	63	S/S 316
I3A9C700-076	3	76	S/S 316
I3A9C700-102	4	102	S/S 316
I3A9C700-152	6	152	S/S 316

Code	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C700-019	3/4	19	BRASS
I8A9C700-025	1	25	BRASS
I8A9C700-032	1 1/4	32	BRASS
I8A9C700-038	1 1/2	38	BRASS
I8A9C700-051	2	51	BRASS
I8A9C700-063	2 1/2	63	BRASS
I8A9C700-076	3	76	BRASS
I8A9C700-102	4	102	BRASS

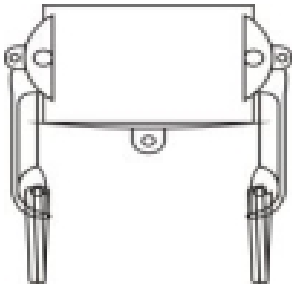
## CAM &amp; GROOVE / CAM &amp; GROOVE (MIL C - 27.487)


**CAM & GROOVE (MIL C - 27.487)**  
**TYPE D - COUPLER, FEMALE BSP**

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C806-019027	3/4	BSP	3/4	19	ALLUMINIUM
I5A9C806-025034	1	BSP	1	25	ALLUMINIUM
I5A9C806-032042	1 1/4	BSP	1 1/4	32	ALLUMINIUM
I5A9C806-038049	1 1/2	BSP	1 1/2	38	ALLUMINIUM
I5A9C806-051060	2	BSP	2	51	ALLUMINIUM
I5A9C806-063076	2 1/2	BSP	2 1/2	63	ALLUMINIUM
I5A9C806-076090	3	BSP	3	76	ALLUMINIUM
I5A9C806-102114	4	BSP	4	102	ALLUMINIUM
I5A9C806-127140	5	BSP	5	127	ALLUMINIUM
I5A9C806-152165	6	BSP	6	152	ALLUMINIUM

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C806-019027	3/4	BSP	3/4	19	S/S 316
I3A9C806-025034	1	BSP	1	25	S/S 316
I3A9C806-032042	1 1/4	BSP	1 1/4	32	S/S 316
I3A9C806-038049	1 1/2	BSP	1 1/2	38	S/S 316
I3A9C806-051060	2	BSP	2	51	S/S 316
I3A9C806-063076	2 1/2	BSP	2 1/2	63	S/S 316
I3A9C806-076090	3	BSP	3	76	S/S 316
I3A9C806-102114	4	BSP	4	102	S/S 316
I3A9C806-152165	6	BSP	6	152	S/S 316

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C806-019027	3/4	BSP	3/4	19	BRASS
I8A9C806-025034	1	BSP	1	25	BRASS
I8A9C806-032042	1 1/4	BSP	1 1/4	32	BRASS
I8A9C806-038049	1 1/2	BSP	1 1/2	38	BRASS
I8A9C806-051060	2	BSP	2	51	BRASS
I8A9C806-063076	2 1/2	BSP	2 1/2	63	BRASS
I8A9C806-076090	3	BSP	3	76	BRASS
I8A9C806-102114	4	BSP	4	102	BRASS



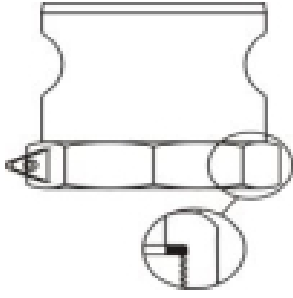
**CAM & GROOVE (MIL C - 27.487)**  
**TYPE DC - FEMALE DUST CAP FOR ADAPTER**

Code	HEAD DN in	HEAD DN mm	MATERIAL
I5A9C900-019	3/4	19	ALLUMINIUM
I5A9C900-025	1	25	ALLUMINIUM
I5A9C900-032	1 1/4	32	ALLUMINIUM
I5A9C900-038	1 1/2	38	ALLUMINIUM
I5A9C900-051	2	51	ALLUMINIUM
I5A9C900-063	2 1/2	63	ALLUMINIUM
I5A9C900-076	3	76	ALLUMINIUM
I5A9C900-102	4	102	ALLUMINIUM
I5A9C900-152	6	152	ALLUMINIUM
I5A9C900-127	5	127	ALLUMINIUM

Code	HEAD DN in	HEAD DN mm	MATERIAL
I3A9C900-019	3/4	19	S/S 316
I3A9C900-025	1	25	S/S 316
I3A9C900-032	1 1/4	32	S/S 316
I3A9C900-038	1 1/2	38	S/S 316
I3A9C900-051	2	51	S/S 316
I3A9C900-063	2 1/2	63	S/S 316
I3A9C900-076	3	76	S/S 316
I3A9C900-102	4	102	S/S 316
I3A9C900-152	6	152	S/S 316

Code	HEAD DN in	HEAD DN mm	MATERIAL
I8A9C900-019	3/4	19	BRASS
I8A9C900-025	1	25	BRASS
I8A9C900-032	1 1/4	32	BRASS
I8A9C900-038	1 1/2	38	BRASS
I8A9C900-051	2	51	BRASS
I8A9C900-063	2 1/2	63	BRASS
I8A9C900-076	3	76	BRASS
I8A9C900-102	4	102	BRASS

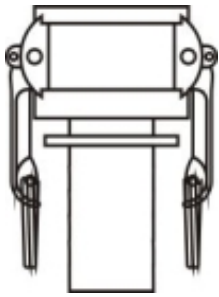
## CAM &amp; GROOVE / CAM &amp; GROOVE (DIN 2828)



## CAM &amp; GROOVE (DIN 2828)

## TYPE A - ADAPTER, FEMALE BSP - PTFE SEAL

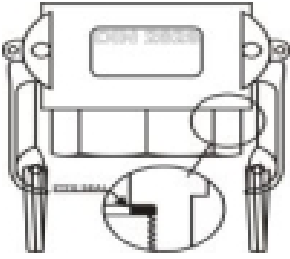
Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9G606-020027	3/4	BSP	3/4	20	S/S 316
I3A9G606-025034	1	BSP	1	25	S/S 316
I3A9G606-032042	1 1/4	BSP	1 1/4	32	S/S 316
I3A9G606-040049	1 1/2	BSP	1 1/2	40	S/S 316
I3A9G606-050060	2	BSP	2	50	S/S 316
I3A9G606-065076	2 1/2	BSP	2 1/2	65	S/S 316
I3A9G606-080090	3	BSP	3	80	S/S 316
I3A9G606-100114	4	BSP	4	100	S/S 316



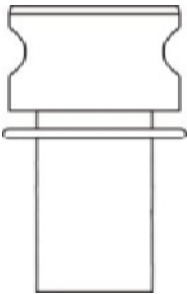
## CAM &amp; GROOVE (DIN 2828)

## TYPE C - COUPLER, DIN 2817 HOSE SHANK

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I349G200-020020	3/4	20	3/4	20	S/S 316
I349G200-025025	1	25	1	25	S/S 316
I349G200-032032	1 1/4	32	1 1/4	32	S/S 316
I349G200-038040	1 1/2	38	1 1/2	40	S/S 316
I349G200-051050	2	51	2	50	S/S 316
I349G200-065065	2 1/2	65	2 1/2	65	S/S 316
I349G200-076080	3	76	3	80	S/S 316
I349G200-102100	4	102	4	100	S/S 316

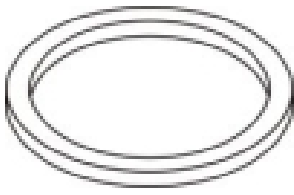

**CAM & GROOVE (DIN 2828)**
**TYPE D - COUPLER, FEMALE BSP - PTFE SEAL**

Code	THREAD in	THREAD type	HEAD DN in	HEAD DN mm	MATERIAL
I3A9G806-020027	3/4	BSP	3/4	20	S/S 316
I3A9G806-025034	1	BSP	1	25	S/S 316
I3A9G806-032042	1 1/4	BSP	1 1/4	32	S/S 316
I3A9G806-040049	1 1/2	BSP	1 1/2	40	S/S 316
I3A9G806-050060	2	BSP	2	50	S/S 316
I3A9G806-065076	2 1/2	BSP	2 1/2	65	S/S 316
I3A9G806-080090	3	BSP	3	80	S/S 316
I3A9G806-100114	4	BSP	4	100	S/S 316


**CAM & GROOVE (DIN 2828)**
**TYPE E - ADAPTER, DIN 2817 HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DN mm	MATERIAL
I349G100-020020	3/4	20	3/4	20	S/S 316
I349G100-025025	1	25	1	25	S/S 316
I349G100-032032	1 1/4	32	1 1/4	32	S/S 316
I349G100-038040	1 1/2	38	1 1/2	40	S/S 316
I349G100-051050	2	51	2	50	S/S 316
I349G100-065065	2 1/2	65	2 1/2	65	S/S 316
I349G100-076080	3	76	3	80	S/S 316
I349G100-102100	4	102	4	100	S/S 316

## CAM &amp; GROOVE / ACCESSORY

CAM & GROOVE  
GASKET

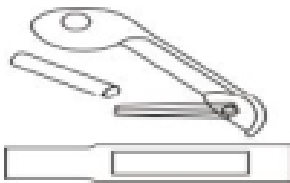
Code	HEAD DN in	HEAD DN mm	MATERIAL
INJ09C-019	3/4	19	NBR
INJ09C-025	1	25	NBR
INJ09C-032	1 1/4	32	NBR
INJ09C-038	1 1/2	38	NBR
INJ09C-051	2	51	NBR
INJ09C-063	2 1/2	63	NBR
INJ09C-076	3	76	NBR
INJ09C-102	4	102	NBR
INJ09C-127	5	127	NBR
INJ09C-152	6	152	NBR

Code	HEAD DN in	HEAD DN mm	MATERIAL
IHJ09C-019	3/4	19	HYPALON
IHJ09C-025	1	25	HYPALON
IHJ09C-032	1 1/4	32	HYPALON
IHJ09C-038	1 1/2	38	HYPALON
IHJ09C-051	2	51	HYPALON
IHJ09C-063	2 1/2	63	HYPALON
IHJ09C-076	3	76	HYPALON
IHJ09C-102	4	102	HYPALON



**CAM & GROOVE  
GASKET - CLOSED ENVELOPPE**

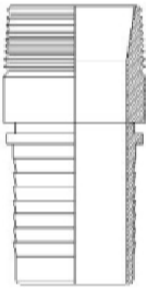
Code	HEAD DN in	HEAD DN mm	MATERIAL
ITJM9C-038	1 1/2	38	PTFE
ITJM9C-051	2	51	PTFE
ITJM9C-076	3	76	PTFE
ITJM9C-100	4	100	PTFE



**CAM & GROOVE  
HANDLE, RING & PIN**

Code	HEAD DN in	HEAD DN mm	MATERIAL
I3Y9C001	1/2 - 3/4	13 - 19	S/S 316
I3Y9C002	1	25	S/S 316
I3Y9C003	1 1/4 - 2 1/2	32 - 63	S/S 316
I3Y9C004	3 - 5	76 - 127	S/S 316
I3Y9C005	6	152	S/S 316

## COMBINATION NIPPLE / COMBINATION NIPPLE



## COMBINATION NIPPLE

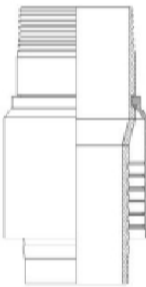
## MALE BSPT

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I1707100-038049	1 1/2	38	1 1/2	BSPT	H1200203 FERRULE RECOM	PLATED STEEL
I1707100-051060	2	51	2	BSPT	H1200203 FERRULE RECOM	PLATED STEEL
I1707100-063076	2 1/2	63	2 1/2	BSPT	H1200203 FERRULE RECOM	PLATED STEEL

## COMBINATION NIPPLE

## MALE NPT

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I1728100-038049	1 1/2	38	1 1/2	NPT	H1200203 FERRULE RECOM	PLATED STEEL
I1728100-051060	2	51	2	NPT	H1200203 FERRULE RECOM	PLATED STEEL
I1728100-063076	2 1/2	63	2 1/2	NPT	H1200203 FERRULE RECOM	PLATED STEEL



## COMBINATION NIPPLE

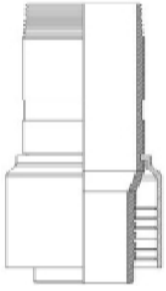
## MALE BSPT COMPLETE WITH PRE-CRIMPED FERRULE

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I1707M00-076090	3	76	3	BSPT	PLATED STEEL
I1707M00-102114	4	102	4	BSPT	PLATED STEEL
I1707M00-127140	5	127	5	BSPT	PLATED STEEL
I1707M00-152165	6	152	6	BSPT	PLATED STEEL
I1707M00-203219	8	203	8	BSPT	PLATED STEEL
I1707M00-254273	10	254	10	BSPT	PLATED STEEL

## COMBINATION NIPPLE

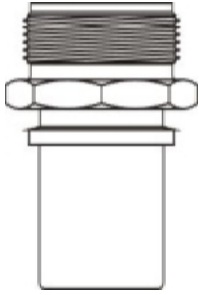
## MALE NPT COMPLETE WITH PRE-CRIMPED FERRULE

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I1728M00-076090	3	76	3	NPT	PLATED STEEL
I1728M00-102114	4	102	4	NPT	PLATED STEEL
I1728M00-127140	5	127	5	NPT	PLATED STEEL
I1728M00-152165	6	152	6	NPT	PLATED STEEL
I1728M00-203219	8	203	8	NPT	PLATED STEEL
I1728M00-254273	10	254	10	NPT	PLATED STEEL

**COMBINATION NIPPLE****MALE NPT - OFF SHORE - COMPLETE WITH PRE-CRIMPED FERRULE**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I17F8M00-076090	3	76	3	NPT	OFF-SHORE USE	PLATED STEEL
I17F8M00-102114	4	102	4	NPT	OFF-SHORE USE	PLATED STEEL
I17F8M00-127140	5	127	5	NPT	OFF-SHORE USE	PLATED STEEL
I17F8M00-152165	6	152	6	NPT	OFF-SHORE USE	PLATED STEEL

## DIN 2817 / MALE BSP, HOSE SHANK

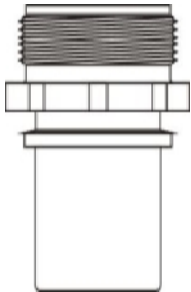


## DIN 2817

## MALE BSP - HOSE SHANK

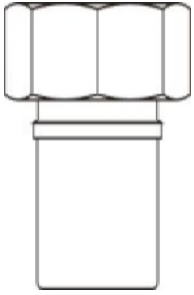
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I3406100-013021	1/2	13	1/2	BSP	FULL HEXAGONE	S/S 316
I3406100-019027	3/4	19	3/4	BSP	FULL HEXAGONE	S/S 316
I3406100-025034	1	25	1	BSP	FULL HEXAGONE	S/S 316
I3406100-032042	1 1/4	32	1 1/4	BSP	FULL HEXAGONE	S/S 316
I3406100-038049	1 1/2	38	1 1/2	BSP	FULL HEXAGONE	S/S 316
I3406100-051060	2	50	2	BSP	FULL HEXAGONE	S/S 316
I3406100-063076	2 1/2	63	2 1/2	BSP	FULL HEXAGONE	S/S 316
I3406100-076090	3	75	3	BSP	FULL HEXAGONE	S/S 316
I3406100-102114	4	100	4	BSP	FULL HEXAGONE	S/S 316

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"



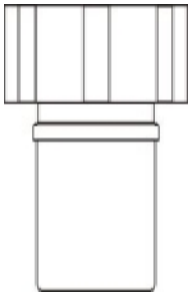
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I8406100-013021	1/2	13	1/2	BSP	FULL HEXAGONE	BRASS
I8406100-019027	3/4	19	3/4	BSP	FULL HEXAGONE	BRASS
I8406100-025034	1	25	1	BSP	FULL HEXAGONE	BRASS
I8406100-032042	1 1/4	32	1 1/4	BSP	GROOVED HEXAGONE	BRASS
I8406100-038049	1 1/2	38	1 1/2	BSP	GROOVED HEXAGONE	BRASS
I8406100-051060	2	50	2	BSP	GROOVED HEXAGONE	BRASS
I8406100-063076	2 1/2	63	2 1/2	BSP	GROOVED HEXAGONE	BRASS
I8406100-076090	3	75	3	BSP	GROOVED HEXAGONE	BRASS
I8406100-102114	4	100	4	BSP	GROOVED HEXAGONE	BRASS

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"


**DIN 2817**
**FEMALE BSP - HOSE SHANK WITH SWIVEL NUT**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I3406200-013021	1/2	13	1/2	BSP	FULL HEXAGONE	S/S 316
I3406200-019027	3/4	19	3/4	BSP	FULL HEXAGONE	S/S 316
I3406200-025034	1	25	1	BSP	FULL HEXAGONE	S/S 316
I3406200-032042	1 1/4	32	1 1/4	BSP	FULL HEXAGONE	S/S 316
I3406200-038049	1 1/2	38	1 1/2	BSP	FULL HEXAGONE	S/S 316
I3406200-051060	2	50	2	BSP	FULL HEXAGONE	S/S 316
I3406200-063076	2 1/2	63	2 1/2	BSP	FULL HEXAGONE	S/S 316
I3406200-076090	3	75	3	BSP	FULL HEXAGONE	S/S 316
I3406200-102114	4	100	4	BSP	FULL HEXAGONE	S/S 316

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"



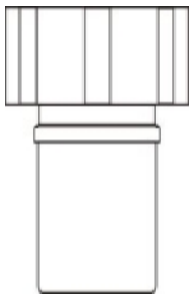
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	NOTE	MATERIAL
I8406200-013021	1/2	13	1/2	BSP	FULL HEXAGONE	BRASS
I8406200-019027	3/4	19	3/4	BSP	FULL HEXAGONE	BRASS
I8406200-025034	1	25	1	BSP	FULL HEXAGONE	BRASS
I8406200-032042	1 1/4	32	1 1/4	BSP	GROOVED HEXAGONE	BRASS
I8406200-038049	1 1/2	38	1 1/2	BSP	GROOVED HEXAGONE	BRASS
I8406200-051060	2	50	2	BSP	GROOVED HEXAGONE	BRASS
I8406200-063076	2 1/2	63	2 1/2	BSP	GROOVED HEXAGONE	BRASS
I8406200-076090	3	75	3	BSP	GROOVED HEXAGONE	BRASS
I8406200-102114	4	100	4	BSP	GROOVED HEXAGONE	BRASS

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"

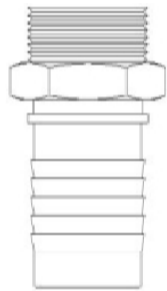
## AVIATION / AVIATION


**MALE BSPP - DIN 2817 HOSE SHANK**  
**AVIATION REFUELLING SERVICE APPROVED**

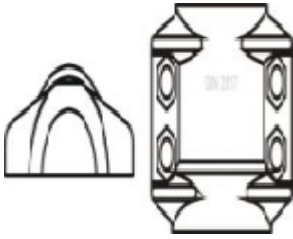
Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I840610A-025034	1	25	1	BSP	BRASS
I840610A-032042	1 1/4	32	1 1/4	BSP	BRASS
I840610A-038049	1 1/2	38	1 1/2	BSP	BRASS
I840610A-051060	2	51	2	BSP	BRASS
I840610A-063076	2 1/2	63	2 1/2	BSP	BRASS
I840610A-076090	3	76	3	BSP	BRASS
I840610A-102114	4	102	4	BSP	BRASS


**FEMALE BSP - DIN 2817 HOSE SHANK**  
**AVIATION REFUELLING SERVICE APPROVED**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I840620A-025034	1	25	1	BSP	BRASS
I840620A-032042	1 1/4	32	1 1/4	BSP	BRASS
I840620A-038049	1 1/2	38	1 1/2	BSP	BRASS
I840620A-051060	2	51	2	BSP	BRASS
I840620A-063076	2 1/2	63	2 1/2	BSP	BRASS
I840620A-076090	3	76	3	BSP	BRASS
I840620A-102114	4	102	4	BSP	BRASS


**MALE BSPP - SERRATED HOSE SHANK**  
**AVIATION REFUELLING SERVICE APPROVED**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I5906100-025034	1	25	1	BSPP	ALLUMINIUM
I5906100-032042	1 1/4	32	1 1/4	BSPP	ALLUMINIUM
I5906100-038049	1 1/2	38	1 1/2	BSPP	ALLUMINIUM
I5906100-051060	2	51	2	BSPP	ALLUMINIUM
I5906100-063076	2 1/2	63	2 1/2	BSPP	ALLUMINIUM
I5906100-076090	3	76	3	BSPP	ALLUMINIUM
I5906100-102114	4	102	4	BSPP	ALLUMINIUM

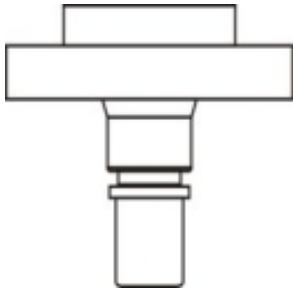

**SAFETY CLAMPS (DIN 2817)**

Code	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL	NOTE
I5LG4D-025041	25 x 8	40	43	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-032048	32 x 8	47	50	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-038054	38 x 8	53	56	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-051070	50 x 10	69	71	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-063081	63 x 8	78	81	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-076096	75 x 10	94	97	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE
I5LG4D-102124	100 x 12	122	126	ALLUMINIUM	AVIATION SERVICE REFUELLING APPROVE


**SERRATED FERRULE**
**AVIATION REFUELLING SERVICE APPROVED**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I109U025-037042	1	25	37	42	PLATED STEEL
I109U032-044048	1 1/4	32	44	48	PLATED STEEL
I109U038-050054	1 1/2	38	50	54	PLATED STEEL
I109U051-065071	2	51	65	71	PLATED STEEL
I109U063-077083	2 1/2	63	77	83	PLATED STEEL
I109U076-090096	3	76	90	96	PLATED STEEL
I109U102-116124	4	102	116	124	PLATED STEEL

## FLANGE / SWIVEL FLANGE - DIN 2817 HOSE SHANK


**SWIVEL FLANGE  
DIN 2817 HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I14BD74A-038038	1 1/2	38	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-051051	2	50	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-063063	2 1/2	63	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-076076	3	75	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-102102	4	100	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-127127	5	125	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-152152	6	150	PN 10/16	PLATED STEEL	PLATED STEEL
I14BD74A-203203	8	200	PN 16	PLATED STEEL	PLATED STEEL

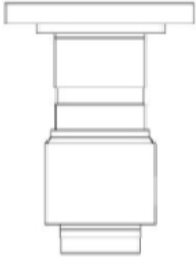
SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
IA4BD74A-051051	2	50	PN 10/16	S/S 316	PLATED STEEL
IA4BD74A-076076	3	75	PN 10/16	S/S 316	PLATED STEEL
IA4BD74A-102102	4	100	PN 10/16	S/S 316	PLATED STEEL

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I34BD74A-051051	2	50	PN 10/16	S/S 316	S/S 316
I34BD74A-076076	3	75	PN 10/16	S/S 316	S/S 316
I34BD74A-102102	4	100	PN 10/16	S/S 316	S/S 316

SAFETY CLAMPS DIN 2817: CONSULT CHAPTER "CLAMPS &amp; FERRULES"


**FIXED FLANGE - SERRATED HOSE SHANK  
COMPLETE WITH PRE-CRIMPED FERRULE**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I17BDW1A-076076	3	76	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDW1A-102102	4	102	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDW1A-127127	5	127	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDW1A-152152	6	152	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDW1A-203203	8	203	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDW1A-254254	10	254	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I17BEW7B-076076	3	76	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BEW7B-102102	4	102	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BEW7B-127127	5	127	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BEW7B-152152	6	152	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BEW7B-203203	8	203	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BEW7B-254254	10	254	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL

## FLANGE / FIXED FLANGE - SERRATED HOSE SHANK



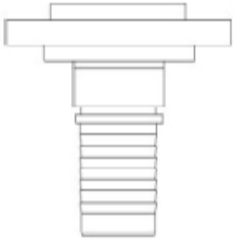
## FIXED FLANGE - SERRATED HOSE SHANK

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	NOTE	MATERIAL HOSE SHANK	MATERIAL FLANGE
I17BD61A-038038	1 1/2	38	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BD61A-051051	2	51	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BD61A-063063	2 1/2	63	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL

## FIXED FLANGE - SERRATED HOSE SHANK

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	NOTE	MATERIAL HOSE SHANK	MATERIAL FLANGE
I17BE67B-038038	1 1/2	38	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BE67B-051051	2	51	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BE67B-063063	2 1/2	63	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL

## FLANGE / SWIVEL FLANGE - SERRATED HOSE SHANK


**SWIVEL FLANGE - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	NOTE	MATERIAL HOSE SHANK	MATERIAL FLANGE
I17BD72A-038038	1 1/2	38	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BD72A-051051	2	51	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BD72A-063063	2 1/2	63	PN 16	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
IA7BD72A-051051	2	51	PN 16	S/S 316	PLATED STEEL

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I37BD72A-051051	2	51	PN 16	S/S 316	S/S 316

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	NOTE	MATERIAL HOSE SHANK	MATERIAL FLANGE
I17BE79A-038038	1 1/2	38	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BE79A-051051	2	51	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL
I17BE79A-063063	2 1/2	63	ASA 150	H1200203 FERRULE RECOM	PLATED STEEL	PLATED STEEL

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
IA7BE79A-051051	2	51	ASA 150	S/S 316	PLATED STEEL

**FLANGE / SWIVEL FLANGE - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE
I37BE79A-051051	2	51	ASA 150	S/S 316	S/S 316


**SWIVEL FLANGE - SERRATED HOSE SHANK  
COMPLETE WITH PRE CRIMPED FERRULE**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I17BDT2A-076076	3	76	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDT2A-102102	4	102	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDT2A-127127	5	127	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDT2A-152152	6	152	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDT2A-203203	8	203	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BDT2A-254254	10	254	PN 16	PLATED STEEL	PLATED STEEL	PLATED STEEL

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
IA7BDT2A-076076	3	76	PN 16	S/S 316	PLATED STEEL	PLATED STEEL
IA7BDT2A-102102	4	102	PN 16	S/S 316	PLATED STEEL	PLATED STEEL

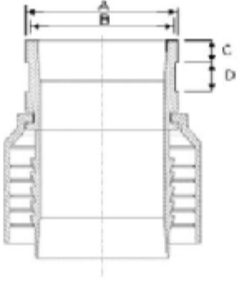
Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I37BDT2A-076076	3	76	PN 16	S/S 316	S/S 316	S/S 316
I37BDT2A-102102	4	102	PN 16	S/S 316	S/S 316	S/S 316

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I17BET9A-076076	3	76	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BET9A-102102	4	102	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BET9A-127127	5	127	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BET9A-152152	6	152	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BET9A-203203	8	203	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL
I17BET9A-254254	10	254	ASA 150	PLATED STEEL	PLATED STEEL	PLATED STEEL

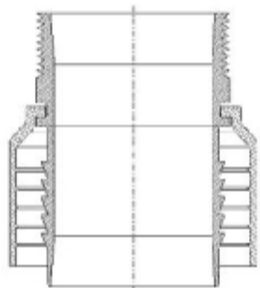
Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
IA7BET9A-076076	3	76	ASA 150	S/S 316	PLATED STEEL	PLATED STEEL
IA7BET9A-102102	4	102	ASA 150	S/S 316	PLATED STEEL	PLATED STEEL

**FLANGE / SWIVEL FLANGE - SERRATED HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	FLANGE type	MATERIAL HOSE SHANK	MATERIAL FLANGE	MATERIAL FERRULE
I37BET9A-076076	3	76	ASA 150	S/S 316	S/S 316	S/S 316
I37BET9A-102102	4	102	ASA 150	S/S 316	S/S 316	S/S 316


**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
VICTAULIC STYLE - HARDENED INSERT**

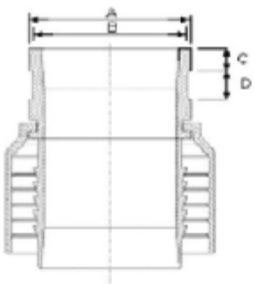
Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DIMENSION A mm	HEAD DIMENSION B mm	HEAD DIMENSION C mm	HEAD DIMENSION D mm	MATERIAL
IV39VL00-051089	2	51	3	88,9	84,9	16	20	HARDENED S
IV39VL00-063089	2 1/2	63	3	88,9	84,9	16	20	HARDENED S
IV39VL00-076089	3	76	3	88,9	84,9	16	20	HARDENED S
IV39VL00-076097	3	76	3 1/4	97	88,5	16	20	HARDENED S
IV39VL00-102114	4	102	4	114,3	108,3	17	20	HARDENED S
IV39VL00-102127	4	102	4 1/2	127	115	17	20	HARDENED S
IV39VL00-127142	5	127	5	142	133	17	20	HARDENED S
IV39VL00-127148	5	127	5 1/2	148	139	17	20	HARDENED S
IV39VL00-152168	6	152	6	168,3	159	17	20	HARDENED S


**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
MALE BSPT - HARDENED INSERT**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
IV307M00-051060	2	51	2	BSPT	HARDENED STEEL
IV307M00-076090	3	76	3	BSPT	HARDENED STEEL

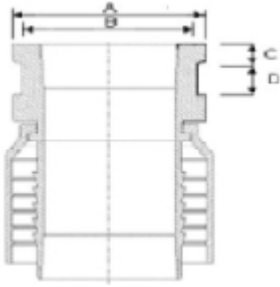
**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED  
MALE NPT - HARDENED INSERT**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
IV328M00-051060	2	51	2	NPT	HARDENED STEEL
IV328M00-076090	3	76	3	NPT	HARDENED STEEL


**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
SHOULDERED STYLE - HARDENED INSERT**

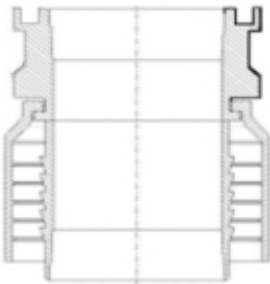
Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DIMENSION A mm	HEAD DIMENSION B mm	HEAD DIMENSION C mm	HEAD DIMENSION D mm	MATERIAL
IV39RL00-051067	2	51	2	66,5	59,5	16	20	HARDENED S
IV39RL00-076097	3	76	3	97	88,5	16	20	HARDENED S
IV39RL00-102122	4	102	4	122	115	17,5	20	HARDENED S

**CONCRETE / HOSE SHANK FOR PRE-CRIMPED FERRULE**



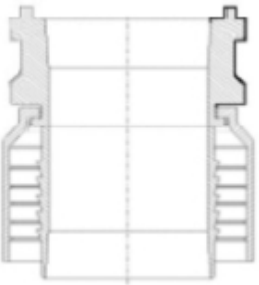
**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
HEAVY DUTY RAISED END - CALIFORNIA STYLE - HARDENED INSERT**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	HEAD DIMENSION A mm	HEAD DIMENSION B mm	HEAD DIMENSION C mm	HEAD DIMENSION D mm	MATERIAL
IV39JL00-051078	2	51	2	77,7	69,9	12,7	20	HARDENED S
IV39JL00-063082	2 1/2	63	2 1/2	82,3	73,2	12,3	20	HARDENED S
IV39JL00-076106	3	76	3	106,2	97	12,7	20	HARDENED S
IV39JL00-102132	4	102	4	131,6	122	15,2	20	HARDENED S
IV39JL00-127157	5	127	5	157	147,3	15,2	20	HARDENED S



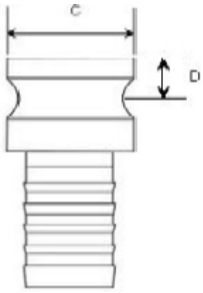
**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
SCHWING STYLE - FEMALE - HARDENED INSERT**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	MATERIAL
IV39WF00-102102	4	102	4	HARDENED STEEL
IV39WF00-127127	5	127	5	HARDENED STEEL



**CONCRETE COUPLING COMPLETE WITH PRE-CRIMPED FERRULE  
SCHWING STYLE - MALE - HARDENED INSERT**

Code	HOSE I.D. in	HOSE I.D. mm	HEAD DN in	MATERIAL
IV39WM00-102102	4	102	4	HARDENED STEEL
IV39WM00-127127	5	127	5	HARDENED STEEL



**MORTAR  
ADAPTER, HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE C mm	COUPLING SIZE D mm	MATERIAL
I938C100-025025	1	25	35	22	MALLEABLE IRON
I938C100-025X25	1	25	41	22	MALLEABLE IRON
I938C100-035035	1 3/8	35	49,5	22	MALLEABLE IRON
I938C101-035035	1 3/8	35	49,5	23,5	MALLEABLE IRON
I938C100-050050	2	50	63	22	MALLEABLE IRON
I938C101-050050	2	50	63	23,5	MALLEABLE IRON
I938C100-025035	1	25	49,5	22	MALLEABLE IRON
I938C101-025035	1	25	49,5	23,5	MALLEABLE IRON
I938C100-035050	1 3/8	35	63	22	MALLEABLE IRON
I938C101-035050	1 3/8	35	63	23,5	MALLEABLE IRON



**MORTAR  
COUPLER, HOSE SHANK**

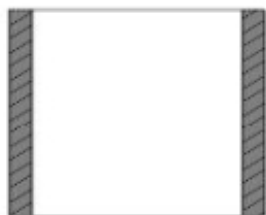
Code	HOSE I.D. in	HOSE I.D. mm	COUPLING SIZE C mm	COUPLING SIZE D mm	MATERIAL
I938C200-025025	1	25	35,5	22	MALLEABLE IRON
I938C200-025X25	1	25	42	22	MALLEABLE IRON
I938C200-035035	1 3/8	35	51	22	MALLEABLE IRON
I938C201-035035	1 3/8	35	51	23,5	MALLEABLE IRON
I938C200-050050	2	50	64	22	MALLEABLE IRON
I938C201-050050	2	50	64	23,5	MALLEABLE IRON
I938C200-025035	1	25	51	22	MALLEABLE IRON
I938C201-025035	1	25	51	23,5	MALLEABLE IRON
I938C200-035050	1 3/8	35	64	22	MALLEABLE IRON
I938C201-035050	1 3/8	35	64	23,5	MALLEABLE IRON



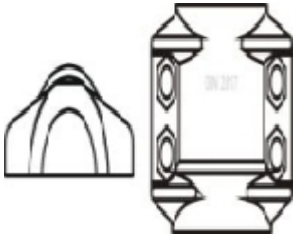
**MORTAR  
MALE BSP, HOSE SHANK**

Code	HOSE I.D. in	HOSE I.D. mm	THREAD in	THREAD type	MATERIAL
I1306100-025034	1	25	1	BSP	PLATED STEEL
I1306100-035042	1 3/8	35	1 1/4	BSP	PLATED STEEL
I1306100-050060	2	50	2	BSP	PLATED STEEL

## MORTAR / MORTAR


**MORTAR  
CRIMPING RING**

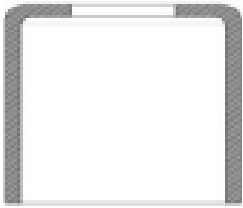
Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I103B025-036041	1	25	36	41	PLATED STEEL
I103B035-046051	1 3/8	35	46	51	PLATED STEEL
I103B051-065070	2	51	65	70	PLATED STEEL


**SAFETY CLAMPS (DIN 2817)**

Code	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL	NOTE
I5LG4D-013023	13 x 5	22	24	ALLUMINIUM	
I5LG4D-019031	19 x 6	30	33	ALLUMINIUM	
I5LG4D-025037	25 x 6	36	39	ALLUMINIUM	
I5LG4D-032044	32 x 6	43	46	ALLUMINIUM	
I5LG4D-038051	38 x 6,5	50	52	ALLUMINIUM	
I5LG4D-051066	50 x 8	64	67	ALLUMINIUM	
I5LG4D-063080	63 x 7	78	82	ALLUMINIUM	
I5LG4D-076091	75 x 8	89	93	ALLUMINIUM	
I5LG4D-102117	100 x 8	114	119	ALLUMINIUM	
I5LG4D-127146	125 x 10	143	148	ALLUMINIUM	
I5LG4D-152171	150 x 10	168	174	ALLUMINIUM	
I5LG4D-203226	200 x 12	222	229	ALLUMINIUM	

Code	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I3LG4D-025037	25 x 6	36	39	S/S 316
I3LG4D-032044	32 x 6	43	46	S/S 316
I3LG4D-038051	38 x 6,5	50	52	S/S 316
I3LG4D-051066	50 x 8	64	67	S/S 316
I3LG4D-063080	65 x 7	78	82	S/S 316
I3LG4D-076091	75 x 8	89	93	S/S 316
I3LG4D-102117	100 x 8	114	119	S/S 316

## CLAMPS &amp; FERRULES / FERRULE

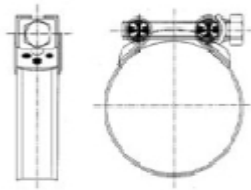

**SMOOTH FERRULE**  
**SUITABLE FOR COMPOSITE HOSE**

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I207E019-027033	3/4	19	27	33	S/S 304
I207E025-033039	1	25	33	39	S/S 304
I207E032-040048	1 1/4	32	40	51	S/S 304
I207E038-046054	1 1/2	38	46	54	S/S 304
I207E051-061066	2	51	61	66	S/S 304
I207E051-061069	2	51	61	69	S/S 304
I207E063-073081	2 1/2	63	73	81	S/S 304
I207E076-086094	3	76	86	94	S/S 304
I207E102-112122	4	102	112	122	S/S 304

Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
I507E038-046054	1 1/2	38	46	54	ALLUMINIUM
I507E051-061065	2	51	61	65	ALLUMINIUM
I507E051-061069	2	51	61	69	ALLUMINIUM
I507E063-073081	2 1/2	63	73	81	ALLUMINIUM
I507E076-086094	3	76	86	94	ALLUMINIUM
I507E102-112122	4	102	112	122	ALLUMINIUM


**SERRATED FERRULE**

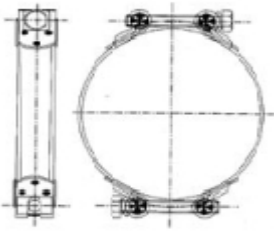
Code	HOSE I.D. in	HOSE I.D. mm	HOSE O.D. min mm	HOSE O.D. MAX mm	MATERIAL
H1200203-240000	1 1/2	38	50	54	PLATED STEEL
H1200203-320000	2	51	63	67	PLATED STEEL
H1200203-400000	2 1/2	63	75	81	PLATED STEEL


**SINGLE BOLT SUPERCLAMP**

Code	HOSE O.D. min mm	HOSE O.D. MAX mm	CLAMP WIDTH mm	MATERIAL
I1LP10-03121	29	31	21	PLATED STEEL
I1LP10-03521	32	35	21	PLATED STEEL
I1LP10-03921	36	39	21	PLATED STEEL
I1LP10-04321	40	43	21	PLATED STEEL
I1LP10-04721	44	47	21	PLATED STEEL
I1LP10-05121	48	51	21	PLATED STEEL
I1LP10-05521	52	55	21	PLATED STEEL
I1LP10-05921	56	59	21	PLATED STEEL
I1LP10-06321	60	63	21	PLATED STEEL
I1LP10-06721	64	67	21	PLATED STEEL
I1LP10-07324	68	73	24	PLATED STEEL
I1LP10-07924	74	79	24	PLATED STEEL
I1LP10-08524	80	85	24	PLATED STEEL
I1LP10-09124	86	91	24	PLATED STEEL
I1LP10-09724	92	97	24	PLATED STEEL
I1LP10-10324	98	103	24	PLATED STEEL
I1LP10-11224	104	112	24	PLATED STEEL
I1LP10-12124	113	121	24	PLATED STEEL
I1LP10-13026	122	130	26	PLATED STEEL
I1LP10-13926	131	139	26	PLATED STEEL
I1LP10-14826	140	148	26	PLATED STEEL
I1LP10-16126	149	161	26	PLATED STEEL
I1LP10-17426	162	174	26	PLATED STEEL

**CLAMPS & FERRULES / SUPERCLAMP**

Code	HOSE O.D. min mm	HOSE O.D. MAX mm	CLAMP WIDTH mm	MATERIAL
I2LP10-03121	29	31	21	S/S 304
I2LP10-03521	32	35	21	S/S 304
I2LP10-03921	36	39	21	S/S 304
I2LP10-04321	40	43	21	S/S 304
I2LP10-04721	44	47	21	S/S 304
I2LP10-05121	48	54	21	S/S 304
I2LP10-05521	52	55	21	S/S 304
I2LP10-05921	56	59	21	S/S 304
I2LP10-06321	60	63	21	S/S 304
I2LP10-06721	64	67	21	S/S 304
I2LP10-07324	68	73	24	S/S 304
I2LP10-07924	74	79	24	S/S 304
I2LP10-08524	80	85	24	S/S 304
I2LP10-09124	86	91	24	S/S 304
I2LP10-09724	92	97	24	S/S 304
I2LP10-10324	98	103	24	S/S 304
I2LP10-11224	104	112	24	S/S 304
I2LP10-12124	113	121	24	S/S 304
I2LP10-13026	122	130	26	S/S 304
I2LP10-13926	131	139	26	S/S 304
I2LP10-14826	140	148	26	S/S 304
I2LP10-16126	149	161	26	S/S 304
I2LP10-17426	162	174	26	S/S 304


**DOUBLE BOLT SUPERCLAMP**

Code	HOSE O.D. min mm	HOSE O.D. MAX mm	CLAMP WIDTH mm	MATERIAL
I1LP20-19026	175	190	26	PLATED STEEL
I1LP20-20526	190	205	26	PLATED STEEL
I1LP20-22026	205	220	26	PLATED STEEL
I1LP20-22726	214	227	26	PLATED STEEL
I1LP20-23526	220	235	26	PLATED STEEL
I1LP20-25026	235	250	26	PLATED STEEL
I1LP20-27026	250	270	26	PLATED STEEL
I1LP20-29026	270	290	26	PLATED STEEL

Code	HOSE O.D. min mm	HOSE O.D. MAX mm	CLAMP WIDTH mm	MATERIAL
I2LP20- 19026	175	190	26	S/S 304
I2LP20- 20526	190	205	26	S/S 304
I2LP20- 22026	205	220	26	S/S 304
I2LP20- 22726	214	227	26	S/S 304
I2LP20- 23526	220	235	26	S/S 304
I2LP20- 25026	235	250	26	S/S 304
I2LP20- 27026	250	270	26	S/S 304
I2LP20- 29026	270	290	26	S/S 304