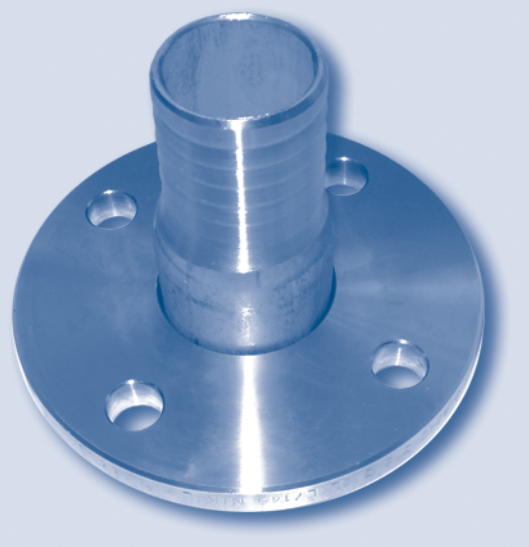
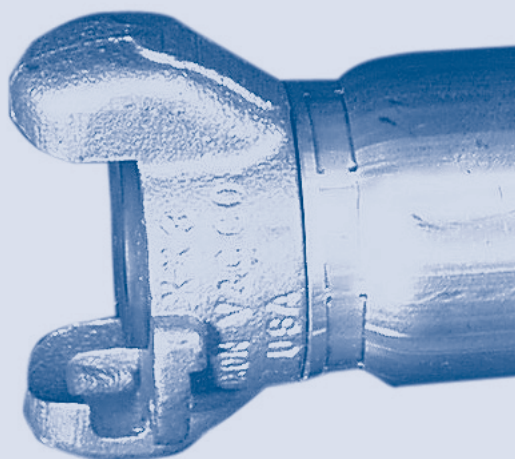
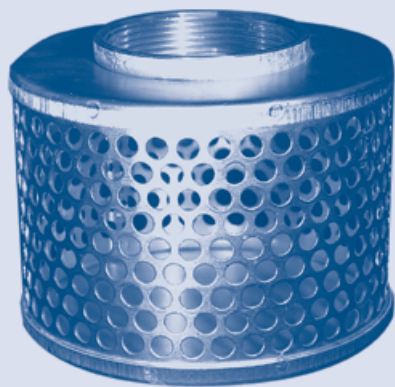




Group 15

Inserts for Low-pressure Hoses



FLUID CONTROL®

Page	Contents
2	Index
3	Hose Inserts and Ferrules for Low-pressure Hoses. BSP, NPT, Buttweld Steel and Stainless Steel.
4	Hose Inserts with Flanges, Menders and Round Hole Strainer
5	Permanently Attached Swage Fittings for Hoses Industrial Range
6	Flange Table with Dimensions

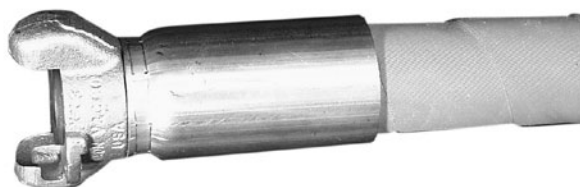


«KING COMBINATION» NIPPLES Type KCN

Construction: Hose nipples w/ thread: Black cadmium-plated steel
Stainless steel hose nipples: Pipe, AISI 316
Hose nipples w/ butt-weld end: Seamless unprocessed black steel

For stainless steel, add SS after Part No.
Other dimensions, types and material qualities on request.

For Hose I.D. / NPT and BSP Male Thread	Length Hose Tail mm	Butt-weld End O.D. mm	 NPT Thread Cadmium-plated steel Part No.	 BSP Thread Cadmium-plated steel Part No.	 Butt-weld End Part No.
1/2"	40	21.3	KCN-013NPT	KCN-013BSP	KCN-013WN
3/4"	40	26.9	KCN-019NPT	KCN-019BSP	KCN-019WN
1"	42	33.4	KCN-025NPT	KCN-025BSP	KCN-025WN
1.1/4"	42	42.2	KCN-032NPT	KCN-032BSP	KCN-032WN
1.1/2"	54	48.3	KCN-038NPT	KCN-038BSP	KCN-038WN
2"	64	60.3	KCN-050NPT	KCN-050BSP	KCN-050WN
2.1/2"	64	73.0	KCN-063NPT	KCN-063BSP	KCN-063WN
3"	86	88.9	KCN-075NPT	KCN-075BSP	KCN-075WN
4"	99	114.3	KCN-100NPT	KCN-100BSP	KCN-100WN
5"	120	141.3	KCN-125NPT	KCN-125BSP	KCN-125WN
6"	150	168.3	KCN-150NPT	KCN-150BSP	KCN-150WN
8"	194	219.1	KCN-200NPT	KCN-200BSP	KCN-200WN
10"	196	273.0	KCN-250NPT	KCN-250BSP	KCN-250WN
12"	235	323.8	KCN-300NPT	KCN-300BSP	KCN-300WN



FERRULE - INDUSTRIAL Type RRH

15

Material quality: Stainless steel AISI 316L
Other types on request.

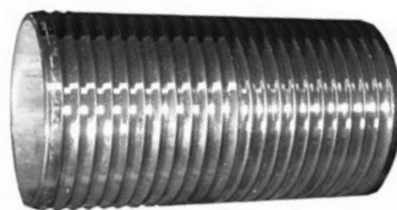
Hose I.D.	I.D. mm	Length mm	Part No.	Hose I.D.	I.D. mm	Length mm	Part No.
1/2"	23.9	45	RRH-02445	2"	70.1	70	RRH-07070
3/4"	35.0	55	RRH-03555	2"	70.1	110	RRH-070110
3/4"	35.0	70	RRH-03570	3"	100.0	90	RRH-10090
1"	40.0	70	RRH-04050	4"	114.0	105	RRH-114105
1"	40.5	80	RRH-04080	4"	125.0	105	RRH-125105
1"	44.0	80	RRH-04480	5"	150.0	140	RRH-150140
1.1/2"	53.0	60	RRH-05360	6"	161.5	150	RRH-162150



WELDED FLANGED HOSE SPIGOTS
150 lbs - ANSI B16,5 - Type FHSA
DIN 2632/33 - NT 10/16 - Type FHSD

Nom. Pipe Dim.		O.D. Flange		Hole Centerline		No. of Holes		Hole Diameter		Hose Tail w/ ANSI Flange Part No FHSA	Hose Tail w/ DIN Flange Part No. FHSA
inch	mm	ASA inch	DIN mm	ASA inch	DIN mm	ASA inch	DIN mm	A mm	B mm		
1/2	15	3.1/2	95	2.3/8	65	4	4	5/8	14	-015	-015
3/4	20	3.7/8	105	2.3/4	75	4	4	5/8	14	-020	-020
1	25	4.1/4	115	3.1/8	85	4	4	5/8	14	-025	-025
1 1/4	32	4.5/8	140	3.1/2	100	4	4	5/8	18	-032	-032
1 1/2	40	5	150	3.7/8	110	4	4	5/8	18	-040	-040
2	50	6	165	4.3/4	125	4	4	3/4	18	-050	-050
2 1/2	65	7	185	5.1/2	145	4	4	3/4	18	-063	-063
3	80	7.1/2	200	6	160	4	8	3/4	18	-075	-075
4	100	9	220	7.1/2	180	8	8	3/4	18	-100	-100
5	125	10	250	8.1/2	210	8	8	7/8	18	-125	-125
6	150	11	285	9.1/2	240	8	8*	7/8	22	-200	-200
10	250	16	395	14.1/4	350	12	12	1	22	-250	-250
12	300	17	445	17	400	12	12	1	22	-300	-300

*NT 16 - 12 holes



DIXON
STEEL HOSE
MENDER
TYPE HMC

Material quality: Cadmium-plated steel

Dimension (inch)	1/4	5/16	3/8	1/2	5/8	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4	5	6	8	10	12
Length in total	70	70	79	90	100	114	114	114	114	118	140	175	205	243	278	360	415	440
Part No. HMC	-006	-008	-010	-013	-016	-019	-025	-032	-038	-050	-063	-075	-100	-125	-150	-200	-250	-300



DIXON
«BOSS» HOSE MENDER

Material quality: Malleable Iron

Dimension	Length Total	Length Hose Grip	Part No.
1/2"	108	46	MI-08
3/4"	146	61	MI-12
1"	175	86	MI-16
1.1/4"	206	87	MI-20
1.1/2"	210	90	MI-24
2"	232	100	MI-32
2.1/2"	264	111	MI-40
3"	302	129	MI-48



DIXON
ROUND HOLE STRAINER

Material quality: Cadmium-plated steel.
To be used with King Combination Nipple (KCN).

NPT Female	Part No.
1.1/2"	RHS-038
2"	RHS-050
2.1/2"	RHS-063
3"	RHS-076
4"	RHS-102
5"	RHS-127
6"	RHS-152
8"	RHS-200

PERMANENTLY ATTACHED SWAGE FITTINGS FOR HOSES INDUSTRIAL RANGE SIZE DIAMETER: 2" - 12"



Ferrule
Type SF



Nipple Male NPT - Type SN
Nipple Male BSP - Type SB
Type SN/SB



Nipple Plain
SCH 40
Type SP



Nipple for Victaulic
Type SV

Hose I.D. / Nipple/ Thread	Hose O.D. mm	Hose Tail Length mm	O.D. Victaulic Plain End mm					
				Ferrule Part No.	Nipple NPT Male Part No.	Nipple BSP Male Part No.	Nipple Plain End Part No.	Nipple for Victaulic Part No.
2"	64-69	86	60,3	SF-050	SN-050	SB-050	SP-050	SV-050
2.1/2"	78-82	105	76,1	SF-063	SN-063	SB-063	SP-063	SV-063
3"	89-97	120	88,9	SF-075	SN-075	SB-075	SP-075	SV-075
4"	117-126	135	114,3	SF-100	SN-100	SB-100	SP-100	SV-100
5"	137-154	160	141,3	SF-125	SN-125	SB-125	SP-125	SV-125
6"	160-182	178	168,3	SF-150	SN-150	SB-150	SP-150	SV-150
8"	215-236	213	219,1	SF-200	SN-200	SB-200	SP-200	SV-200
10"	On request							
12"	On request							

For stainless steel, add SS after Part No.



FLANGE TABLE
According to DIN, NS and ANSI

DN i mm		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800
DN in inch		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"
DIN PN 6	Flens yd	80	90	100	120	130	140	160	190	210	240	265	320	375	440	490	540		645			
	Flange yd																					
	Hullsirkel	55	65	75	90	100	110	130	150	170	200	225	280	335	395	445	495		600			
	Pitch																					
DIN PN 6	Skrudiam. Bolt size	10	10	10	12	12	12	12	16	16	16	16	16	16	20	20	20		20			
	Ant.skruer No.of bolts	4	4	4	4	4	4	4	4	4	8	8	8	12	12	12	16		20			
	Flens yd	95	105	115	140	150	165	185	200	220	250	285	340	395	445	505	565	615	670	780	895	1015
	Flange yd																					
DIN PN10	Hullsirkel	65	75	85	100	110	125	145	160	180	210	240	295	350	400	460	515	565	620	725	840	950
	Pitch																					
	Skrudiam. Bolt size	12	12	12	16	16	16	16	16	16	16	20	20	20	20	20	27	27	30	27	27	30
	Ant.skruer No.of bolts	4	4	4	4	4	4	4	8	8	8	8	8	8	12	16	16	16	20	20	20	24
DIN PN16	Flens yd	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025
	Flange yd																					
	Hullsirkel	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770	840	950
	Pitch																					
DIN PN16	Skrudiam. Bolt size	12	12	12	16	16	16	16	16	16	16	20	20	24	24	24	27	27	30	33	33	36
	Ant. skruer No. of bolts	4	4	4	4	4	4	4	8	8	8	8	12	12	12	16	16	20	20	20	24	24
	Flens yd	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620	670	730	845	960	1085
	Flange yd																					
DIN PN25	Hullsirkel	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550	600	660	770	875	990
	Pitch																					
	Skrudiam. Bolt size	12	12	12	16	16	16	16	16	20	24	24	24	27	27	30	33	33	33	36	39	45
	Ant. skruer No. of bolts	4	4	4	4	4	4	8	8	8	8	8	12	12	16	16	16	20	20	20	24	24
DIN PN40	Flens yd	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660	685	755			
	Flange yd																					
	Hcd Bcd. Hcd	65	75	85	100	110	125	145	160	190	220	250	320	385	450	510	585	610	670			
	Skrudiam. Bolt size	12	12	12	16	16	16	16	16	20	24	24	27	30	30	33	36	36	39			
DIN PN40	Ant.skruer No. of bolts	4	4	4	4	4	4	8	8	8	8	8	12	12	16	16	16	20	20			
	Flens yd	105	130	140	155	170	180	205	215	250	295	345	415	470	530	600	670					
	Flange yd																					
	Hullsirkel	75	90	100	110	125	135	160	170	200	240	280	345	400	460	525	585					
DIN PN64	Pitch																					
	Skrudiam. Bolt size	12	16	16	20	20	20	20	20	24	27	30	33	33	33	36	39					
	Ant.skruer No. of bolts	4	4	4	4	4	4	8	8	8	8	8	12	12	16	16	16					
	Flens yd																					

ANSI #150 (PN10)	Flens yd	88,9	98,4	107,9	117,5	127	152,4	177,8	190,5	228,6	254	279,4	342,9	406,4	482,6	533,4	596,9	635	698,5	812,8	
	Flange yd																				
	Hullsirkel	60,3	69,8	79,4	88,9	98,4	120,6	139,7	152,4	190,5	215,9	241,3	298,4	361,9	431,8	476,2	539,7	577,8	635	749,3	
	Pitch																				
	Bolt hull: Bolthole size:	16	16	16	16	16	19	19	19	19	22	22	22	25	25	29	29	32	32	35	
ANSI #300 (PN20)	Ant.hull: of holls:	4	4	4	4	4	4	4	4	8	8	8	8	12	12	12	16	16	20	20	
	Flens yd	95,2	117,5	123,8	133,3	155,6	165,1	190,5	209,5	254	279,4	317,5	381	444,5	520,7	584,2	647,7	711,2	774,7	914,4	
	Flange yd																				
	Hullsirkel	66,7	82,5	88,9	98,4	114,3	127	149,2	168,3	200	234,9	269,9	330,2	387,3	450,8	514,3	571,5	628,6	685,8	812,8	
	Pitch																				
ANSI #300 (PN20)	Bolt hull: Bolthole size:	16	19	19	19	22	19	22	22	22	22	22	25	29	32	32	35	35	35	41	
	Ant.hull: of holls:	4	4	4	4	4	8	8	8	8	8	12	12	16	16	20	20	24	24	24	
	Flens yd																				
	Flange yd																				
	Hullsirkel																				

OTHER FLANGES CAN BE PROVIDED ON REQUEST