

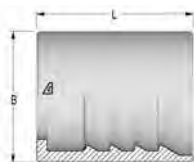


## // STANDARD FITTINGS

// FERRULES .....	74	// NPTF INSERTS.....	107
// HOSE MENDER .....	76	// ORFS INSERTS .....	109
// BSP INSERTS .....	77	// FRENCH INSERTS .....	113
// DIN METRIC INSERTS .....	84	// JIS INSERTS .....	114
// PRESSURE WASHER .....	97	// KOMATSU INSERTS .....	116
// SAE INSERTS.....	98	// SAE FLANGES .....	118
// JIC 37° INSERTS .....	101		

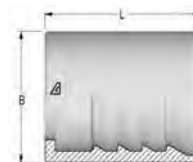
# // FERRULES

## // H1100104



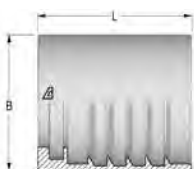
Item Code	Part Number	Dash	mm	in	B	L
1201545	H1100104-200000	20	31,8	1 1/4	50	43,8
1201546	H1100104-240000	24	38,1	1 1/2	57	49,2
1201547	H1100104-320000	32	50,8	2	71	63,7

## // H1100404



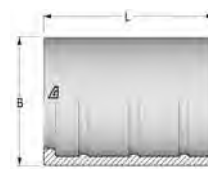
Item Code	Part Number	Dash	mm	in	B	L
1202719	H1100404-040000	04	6,5	1/4	22	26,3
1203253	H1100404-060000	06	9,5	3/8	25	28,5
1203266	H1100404-080000	08	12,7	1/2	29	34,7
1219132	H1100404-100000	10	15,9	5/8	33	37,5
1203368	H1100404-120000	12	19,0	3/4	37	41,5
1234701	H1100404-160000	16	25,4	1	45	47,7
1234766	H1100404-200000	20	31,8	1 1/4	55	54,5
1234767	H1100404-240000	24	38,1	1 1/2	67	61,1
1234768	H1100404-320000	32	50,8	2	82	75,1

## // H1200204



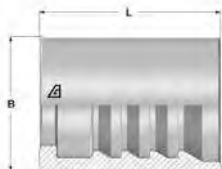
Item Code	Part Number	Dash	mm	in	B	L
1216588	H1200204-060000	06	9,5	3/8	30	28,0
1216589	H1200204-080000	08	12,7	1/2	34	33,9
1216590	H1200204-100000	10	15,9	5/8	38	36,6
1203322	H1200204-120000	12	19	3/4	42	39,5
1203323	H1200204-160000	16	25,4	1	50	47,5
1216591	H1200204-200000	20	31,8	1 1/2	62	50,2

## // H1200203



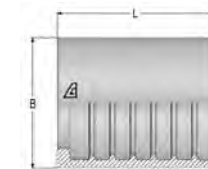
Item Code	Part Number	Dash	mm	in	B	L
1203311	H1200203-030000	03	4,8	3/16	20	24,3
1202720	H1200203-040000	04	6,4	1/4	22	26,3
1202721	H1200203-050000	05	7,9	5/16	25	26,3
1202722	H1200203-060000	06	9,5	3/8	25	27,2
1202723	H1200203-080000	08	12,7	1/2	29	32,8
1202724	H1200203-100000	10	15,9	5/8	34	35,6
1202725	H1200203-120000	12	19,0	3/4	38	38,6
1202726	H1200203-160000	16	25,4	1	50	45,4
1202727	H1200203-200000	20	31,8	1 1/4	51	49,0
1202728	H1200203-240000	24	38,1	1 1/2	60,3	56,0
1202729	H1200203-320000	32	50,8	2	76,1	69,0
1203062	H1200203-400000	40	63,0	2 1/2	88,9	85,0

## // H1100SK1



Item Code	Part Number	Dash	mm	in	B	L
1233077	H1100SK1-040000	04	6,4	1/4	19	25,5
1233078	H1100SK1-050000	05	7,9	5/16	21	25,5
1233079	H1100SK1-060000	06	9,5	3/8	23	27,5
1233080	H1100SK1-080000	08	12,7	1/2	27	33,5
1233081	H1100SK1-100000	10	15,9	5/8	29	36,5
1233082	H1100SK1-120000	12	19,0	3/4	33	40,0
1233083	H1100SK1-160000	16	25,4	1	41	46,5

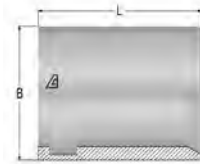
## // H1200TPO



Item Code	Part Number	Dash	mm	in	B	L
1232354	H1200TPO-030000	03	4,8	3/16	15	22,0
1232358	H1200TPO-040000	04	6,4	1/4	17	26,5
1232359	H1200TPO-050000	05	7,9	5/16	19	26,5
1232360	H1200TPO-060000	06	9,5	3/8	22	26,5
1232361	H1200TPO-080000	08	12,7	1/2	26	30,5

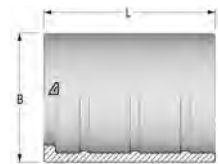
Dimensions shown may be changed without prior notice.

// H2200TF0



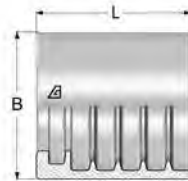
Item Code	Part Number	Dash	mm	in	B	L
1232132	H2200TF0-030000	03	4,8	3/16	14	20
1232133	H2200TF0-040000	04	6,4	1/4	15	25
1232134	H2200TF0-050000	05	7,9	5/16	17,2	25
1232135	H2200TF0-060000	06	9,5	3/8	22	25
1232136	H2200TF0-080000	08	12,7	1/2	25	30
1232137	H2200TF0-100000	10	15,9	5/8	30	33
1232138	H2200TF0-120000	12	19,0	3/4	35	37
1232139	H2200TF0-160000	16	25,4	1	42	45
1232140	H2200TF0-200000	20	31,8	1 1/4	50	48
1232141	H2200TF0-240000	24	38,1	1 1/2	57	58
1232142	H2200TF0-320000	32	50,8	2	73	67

// H1200TX2



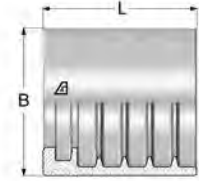
Item Code	Part Number	Dash	mm	in	B	L
1236581	H1200TX2-030000	03	4,8	3/16	21	21,5
1236582	H1200TX2-040000	04	6,4	1/4	23	24,7
1236583	H1200TX2-050000	05	7,9	5/16	25	24,7
1236584	H1200TX2-060000	06	9,5	3/8	27	29,7
1236585	H1200TX2-080000	08	12,7	1/2	30	30,5
1236586	H1200TX2-100000	10	15,9	5/8	34	35,5
1236587	H1200TX2-120000	12	19	3/4	38	36,0
1236588	H1200TX2-160000	16	25,4	1	48	42,5
1236589	H1200TX2-200000	20	31,8	1 1/4	53	56,5
1236590	H1200TX2-240000	24	38,1	1 1/2	60	61,5
1236591	H1200TX2-320000	32	50,8	2	76	73,5
1236592	H1200TX2-400000	40	63,0	2 1/2	86	85,0

// H1200AD1



Item Code	Part Number	Dash	mm	in	B	L
1227977	H1200AD1-030000	3	4,8	3/16	19	24,0
1227978	H1200AD1-040000	4	6,4	1/4	22	24,7
1227979	H1200AD1-050000	5	7,9	5/16	23	24,7
1227980	H1200AD1-060000	6	9,5	3/8	26	29,7
1227981	H1200AD1-080000	8	12,7	1/2	29	30,5
1227983	H1200AD1-100000	10	15,9	5/8	32	30,5
1227985	H1200AD1-120000	12	19,0	3/4	36	36,0
1227986	H1200AD1-160000	16	25,4	1	44	36,7
1227987	H1200AD1-200000	20	31,8	1 1/4	53	48,6
1227988	H1200AD1-240000	24	38,1	1 1/2	61	48,6
1227989	H1200AD1-320000	32	50,8	2	75	48,6

// H1200AD2

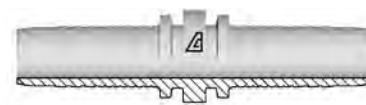


Item Code	Part Number	Dash	mm	in	B	L
1227990	H1200AD2-030000	3	4,8	3/16	21	21,5
1227991	H1200AD2-040000	4	6,4	1/4	23	24,7
1227992	H1200AD2-050000	5	7,9	5/16	25	24,7
1227993	H1200AD2-060000	6	9,5	3/8	27	29,7
1227994	H1200AD2-080000	8	12,7	1/2	30	30,5
1227995	H1200AD2-100000	10	15,9	5/8	33	30,5
1227996	H1200AD2-120000	12	19,0	3/4	37	36,0
1227997	H1200AD2-160000	16	25,4	1	45	36,7
1227998	H1200AD2-200000	20	31,8	1 1/4	56	48,6
1227999	H1200AD2-240000	24	38,1	1 1/2	64	48,5
1228000	H1200AD2-320000	32	50,8	2	78	48,6

## // HOSE MENDER

### // H12C5610

Hose Mender



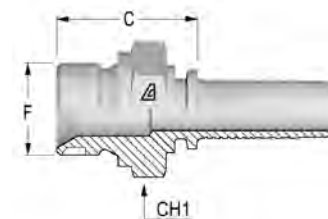
Item Code	Part Number	Dash	Hose ID
1202949	H12C5610-040400	04	1/4
1202870	H12C5610-050500	05	5/16
1202868	H12C5610-060600	06	3/8
1202867	H12C5610-080800	08	1/2
1203160	H12C5610-101000	10	5/8
1203161	H12C5610-121200	12	3/4
1220608	H12C5610-161600	16	1
1220607	H12C5610-202000	20	1 1/4
1220605	H12C5610-242400	24	1 1/2
1220606	H12C5610-323200	32	2

Dimensions shown may be changed without prior notice.

## // BSP INSERTS

### // H1210510

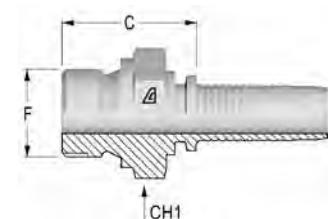
BSPP Male Parallel 60° Flare  
AGR



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1201291	H1210510-030200	3/16	4,8	03	1/8-28	02	20,3	14
1201722	H1210510-040200	1/4	6,4	04	1/8-28	02	20,8	14
1200507	H1210510-040400	1/4	6,4	04	1/4-19	04	26,3	19
1200508	H1210510-040600	1/4	6,4	04	3/8-19	06	27,8	22
1201098	H1210510-040800	1/4	6,4	04	1/2-14	08	31,3	27
1200540	H1210510-050400	5/16	7,9	05	1/4-19	04	26,3	19
1200541	H1210510-050600	5/16	7,9	05	3/8-19	06	27,8	22
1201101	H1210510-050800	5/16	7,9	05	1/2-14	08	31,3	27
1200340	H1210510-060400	3/8	9,5	06	1/4-19	04	26,3	19
1200341	H1210510-060600	3/8	9,5	06	3/8-19	06	27,8	22
1200339	H1210510-060800	3/8	9,5	06	1/2-14	08	31,3	27
1200386	H1210510-080600	1/2	12,7	08	3/8-19	06	28,6	22
1200384	H1210510-080800	1/2	12,7	08	1/2-14	08	32,1	27
1201096	H1210510-081000	1/2	12,7	08	5/8-14	10	34,1	30
1200385	H1210510-081200	1/2	12,7	08	3/4-14	12	36,1	32
1201085	H1210510-100800	5/8	15,9	10	1/2-14	08	32,1	27
1200419	H1210510-101000	5/8	15,9	10	5/8-14	10	34,1	30
1200418	H1210510-101200	5/8	15,9	10	3/4-14	12	36,1	32
1200446	H1210510-121200	3/4	19,0	12	3/4-14	12	36,6	32
1201095	H1210510-121600	3/4	19,0	12	1-11	16	41,6	41
1201355	H1210510-161600	1	25,4	16	1-11	16	42,4	41
1201356	H1210510-162000	1	25,4	16	1 1/4-11	20	46,4	50
1201357	H1210510-202000	1 1/4	31,8	20	1 1/4-11	20	48,0	50
1201358	H1210510-242400	1 1/2	38,1	24	1 1/2-11	24	51,0	55
1221561	H1210510-243200	1 1/2	38,1	24	2-11	32	56,5	70
1201359	H1210510-323200	2	50,8	32	2-11	32	56,5	70

### // H1210610

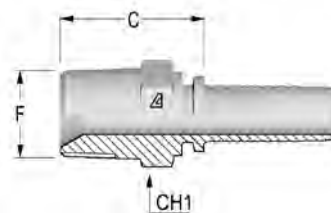
BSPP Male Flat Seat  
AGR FD



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1214181	H1210610-040400	1/4	6,4	04	1/4-19	04	26,3	19
1223423	H1210610-060600	3/8	9,5	06	3/8-19	06	27,8	22
1216596	H1210610-060800	3/8	9,5	06	1/2-14	08	31,3	27
1223422	H1210610-080800	1/2	12,7	08	1/2-14	08	32,1	27
1216597	H1210610-101000	5/8	15,9	10	5/8-14	10	34,1	30

**// H1210710**

**BSPT Male Tapered  
AGR K**

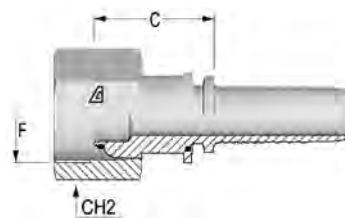


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200456	H1210710-030200	3/16	4,8	03	1/8-28	02	20,8	12
1200491	H1210710-040200	1/4	6,4	04	1/8-28	02	21,3	12
1200490	H1210710-040400	1/4	6,4	04	1/4-19	04	26,8	17
1200492	H1210710-040600	1/4	6,4	04	3/8-19	06	27,8	19
1200532	H1210710-050400	5/16	7,9	05	1/4-19	04	26,8	17
1200533	H1210710-050600	5/16	7,9	05	3/8-19	06	27,8	19
1200328	H1210710-060400	3/8	9,5	06	1/4-19	04	26,8	17
1200329	H1210710-060600	3/8	9,5	06	3/8-19	06	27,8	19
1200327	H1210710-060800	3/8	9,5	06	1/2-14	08	32,3	22
1200373	H1210710-080600	1/2	12,7	08	3/8-19	06	28,6	19
1200371	H1210710-080800	1/2	12,7	08	1/2-14	08	33,1	22
1200410	H1210710-101200	5/8	15,9	10	3/4-14	12	34,1	27
1200440	H1210710-121200	3/4	19,0	12	3/4-14	12	34,6	27
1200439	H1210710-121600	3/4	19,0	12	1-11	16	43,6	36
1201365	H1210710-161200	1	25,4	16	3/4-14	12	37,4	32
1201361	H1210710-161600	1	25,4	16	1-11	16	44,4	36
1201363	H1210710-202000	1 1/4	31,8	20	1 1/4-11	20	49,0	46
1201364	H1210710-242400	1 1/2	38,1	24	1 1/2-11	24	50,5	50
1201360	H1210710-323200	2	50,8	32	2-11	32	54,2	65

Dimensions shown may be changed without prior notice.

**// H1220813**

**BSPP Female 60° Cone with O-Ring  
DKOR**



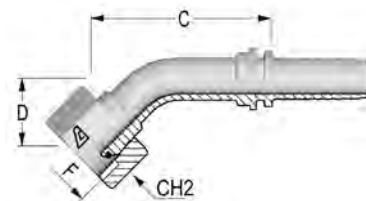
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1200606	H1220511-030200	3/16	4,8	03	1/8-28	02	14,3	14
1202325	H1220813-030400	3/16	4,8	03	1/4-19	04	20,3	19
1201066	H1220511-040200	1/4	6,4	04	1/8-28	02	14,7	14
1202326	H1220813-040400	1/4	6,4	04	1/4-19	04	20,8	19
1202327	H1220813-040600	1/4	6,4	04	3/8-19	06	23,3	22
1202328	H1220811-050400	5/16	7,9	05	1/4-19	04	17,3	19
1202329	H1220813-050600	5/16	7,9	05	3/8-19	06	23,3	22
1202330	H1220811-060400	3/8	9,5	06	1/4-19	04	17,3	19
1202331	H1220813-060600	3/8	9,5	06	3/8-19	06	23,3	22
1202332	H1220813-060800	3/8	9,5	06	1/2-14	08	24,3	27
1202571	H1220811-080600	1/2	12,7	08	3/8-19	06	18,6	22
1202333	H1220813-080800	1/2	12,7	08	1/2-14	08	25,1	27
1202334	H1220813-081000	1/2	12,7	08	5/8-14	10	28,4	27
1202335	H1220813-081200	1/2	12,7	08	3/4-14	12	29,0	32
1202457	H1220811-101000	5/8	15,9	10	5/8-14	10	17,1	27
1202336	H1220813-101200	5/8	15,9	10	3/4-14	12	29,0	32
1202462	H1220811-121200	3/4	19,0	12	3/4-14	12	20,6	32
1202337	H1220813-121600	3/4	19,0	12	1-11	16	34,0	38
1202455	H1220811-161600	1	25,4	16	1-11	16	23,9	38
1202338	H1220813-162000	1	25,4	16	1 1/4-11	20	39,4	50
1202458	H1220812-202000	1 1/4	31,8	20	1 1/4-11	20	32,0	50
1202339	H1220813-202400	1 1/4	31,8	20	1 1/2-11	24	41,9	55
1202463	H1220812-242400	1 1/2	38,1	24	1 1/2-11	24	33,8	55
1202340	H1220813-243200	1 1/2	38,1	24	2-11	32	47,0	70
1202014	H1220812-323200	2	50,8	32	2-11	32	34,0	70

**// H1220843**

45° BSPP Female 60° Cone with O-Ring

DKOR 45

Solid one piece

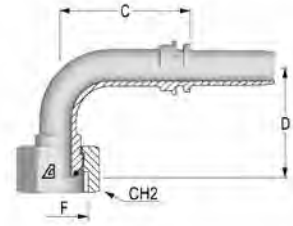


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202341	H1220843-040400	1/4	6,4	04	1/4-19	04	45,5	15,0	19
1202342	H1220843-040600	1/4	6,4	04	3/8-19	06	41,5	17,5	22
1214200	H1220841-050400	5/16	7,9	05	1/4-19	04	19,0	17,5	19
1202343	H1220843-050600	5/16	7,9	05	3/8-19	06	45,1	18,5	22
1202344	H1220843-060600	3/8	9,5	06	3/8-19	06	49,9	20,5	22
1202345	H1220843-060800	3/8	9,5	06	1/2-14	08	45,7	21,0	27
1202346	H1220843-080800	1/2	12,7	08	1/2-14	08	55,0	21,0	27
1202347	H1220843-081000	1/2	12,7	08	5/8-14	10	57,2	23,0	27
1202348	H1220843-081200	1/2	12,7	08	3/4-14	12	56,7	23,0	32
1202464	H1220841-101000	5/8	15,9	10	5/8-14	10	64,0	21,5	27
1202349	H1220843-101200	5/8	15,9	10	3/4-14	12	66,5	22,5	32
1202465	H1220841-121200	3/4	19,0	12	3/4-14	12	70,0	28,0	32
1202350	H1220843-121600	3/4	19,0	12	1-11	16	74,6	31,5	38
1202466	H1220841-161600	1	25,4	16	1-11	16	84,0	34,0	38
1216663	H1220843-162000	1	25,4	16	1 1/4-11	20	97,0	47,5	50
1202467	H1220842-202000	1 1/4	31,8	20	1 1/4-11	20	100,8	40,0	50
1202351	H1220843-202400	1 1/4	31,8	20	1 1/2-11	24	114,9	38,0	55
1202468	H1220842-242400	1 1/2	38,1	24	1 1/2-11	24	115,7	46,0	55
1202352	H1220843-243200	1 1/2	38,1	24	2-11	32	122,4	45,0	70
1202469	H1220842-323200	2	50,8	32	2-11	32	151,5	60,0	70

Dimensions shown may be changed without prior notice.

**// H1220893**

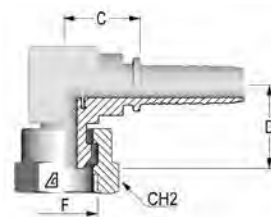
90° BSPP Female 60° Cone with O-Ring  
 DKOR 90  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1200607	H1220591-030200	3/16	4,8	03	1/8-28	02	24,0	30,0	14
1202474	H1220893-030400	3/16	4,8	03	1/4-19	04	32,6	30,0	19
1201707	H1220591-040200	1/4	6,4	04	1/8-28	02	30,5	32,0	14
1202367	H1220893-040400	1/4	6,4	04	1/4-19	04	29,3	29,0	19
1202353	H1220893-040600	1/4	6,4	04	3/8-19	06	29,8	31,0	22
1202354	H1220893-050600	5/16	7,9	05	3/8-19	06	33,2	36,0	22
1202355	H1220893-060600	3/8	9,5	06	3/8-19	06	34,8	42,0	22
1202356	H1220893-060800	3/8	9,5	06	1/2-14	08	34,3	35,5	27
1202881	H1220891-080600	1/2	12,7	08	3/8-19	06	35,3	43,0	22
1202357	H1220893-080800	1/2	12,7	08	1/2-14	08	35,8	41,0	27
1202358	H1220893-081000	1/2	12,7	08	5/8-14	10	41,6	43,5	27
1202359	H1220893-081200	1/2	12,7	08	3/4-14	12	41,8	43,0	32
1202470	H1220891-101000	5/8	15,9	10	5/8-14	10	47,9	47,0	27
1202360	H1220893-101200	5/8	15,9	10	3/4-14	12	51,9	49,0	32
1202471	H1220891-121200	3/4	19,0	12	3/4-14	12	49,1	53,0	32
1202361	H1220893-121600	3/4	19,0	12	1-11	16	54,1	60,5	38
1202475	H1220891-161600	1	25,4	16	1-11	16	75,1	69,0	38
1202362	H1220893-162000	1	25,4	16	1 1/4-11	20	75,1	88,5	50
1202472	H1220892-202000	1 1/4	31,8	20	1 1/4-11	20	82,3	83,0	50
1202363	H1220893-202400	1 1/4	31,8	20	1 1/2-11	24	101,0	83,0	55
1202456	H1220892-242400	1 1/2	38,1	24	1 1/2-11	24	95,7	96,0	55
1202364	H1220893-243200	1 1/2	38,1	24	2-11	32	107,8	104,0	70
1202473	H1220892-323200	2	50,8	32	2-11	32	128,5	136,0	70

**// H1220581**

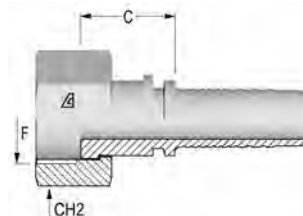
90° Compact BSPP Female 60° Cone  
DKR 90



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202422	H1220581-040400	1/4	6,4	04	1/4-19	04	16,8	19,5	19
1202274	H1220581-050600	5/16	7,9	05	3/8-19	06	19,5	21,5	22
1202025	H1220581-060600	3/8	9,5	06	3/8-19	06	18,8	22,0	22
1202026	H1220581-060800	3/8	9,5	06	1/2-14	08	21,5	22,5	27
1202027	H1220581-080800	1/2	12,7	08	1/2-14	08	22,6	24,5	27
1203213	H1220581-121200	3/4	19,0	12	3/4-14	12	26,7	31,0	32
1203330	H1220581-161600	1	25,4	16	1-11	16	34,5	27,5	38

**// H1220613**

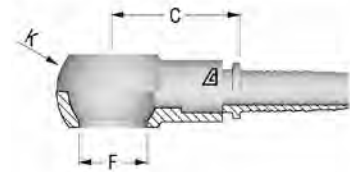
BSPP Female Flat Seat  
DKR FD



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1202226	H1220613-040400	1/4	6,4	04	1/4-19	04	20,3	19
1202227	H1220613-060600	3/8	9,5	06	3/8-19	06	20,3	22
1202140	H1220613-060800	3/8	9,5	06	1/2-14	08	20,8	27
1202228	H1220613-080800	1/2	12,7	08	1/2-14	08	21,6	27
1202229	H1220613-081200	1/2	12,7	08	3/4-14	12	24,6	32
1214195	H1220611-101000	5/8	15,9	10	5/8-14	10	15,3	27
1201684	H1220611-101200	5/8	15,9	10	3/4-14	12	17,6	32
1201570	H1220611-121200	3/4	19,0	12	3/4-14	12	18,1	32
1216659	H1220611-121600	3/4	19,0	12	1-11	16	20,6	38
1201384	H1220611-161600	1	25,4	16	1-11	16	19,9	38

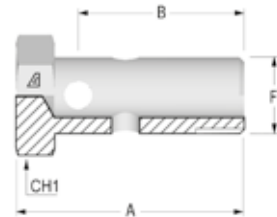
Dimensions shown may be changed without prior notice.

**// H1230310**  
**BSPP Banjo RNR**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F mm	C CUT-OFF Factor	K mm
1203087	H1230310-040200	1/4	6,4	04	1/8-28	10,1	20,0	17
1203086	H1230310-040400	1/4	6,4	04	1/4-19	13,3	26,5	22
1216840	H1230310-040600	1/4	6,4	04	3/8-19	16,7	30,5	28
1201763	H1230310-050600	5/16	7,9	05	3/8-19	16,7	30,5	28
1201760	H1230310-060600	3/8	9,5	06	3/8-19	16,7	30,5	28
1201754	H1230310-060800	3/8	9,5	06	1/2-14	21,0	34,5	38
1216843	H1230310-080600	1/2	12,7	08	3/8-19	16,7	30,5	28
1203048	H1230310-080800	1/2	12,7	08	1/2-14	21,0	35,0	38
1203085	H1230310-101000	5/8	15,9	10	5/8-14	23,0	38,0	40
1200423	H1230310-121200	3/4	19,0	12	3/4-14	26,5	41,5	46
1203084	H1230310-161600	1	25,4	16	1-11	33,3	50,5	58

**// H10V0210**  
**BSPP Bolt**

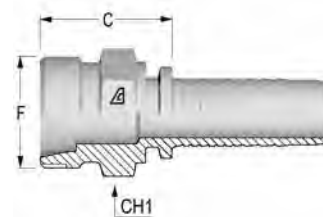


Item Code	Part Number	F Thread in-TPI	A mm	B mm	CH1 mm
1210366	H10V0210-040000	1/4-19	30	25	19
1210367	H10V0210-060000	3/8-19	38	31	22
1210365	H10V0210-080000	1/2-14	46	38	27
1210404	H10V0210-100000	5/8-14	51	42	28
1210403	H10V0210-120000	3/4-14	56	47	32
1210402	H10V0210-160000	1-11	69	58	38

## // DIN METRIC INSERTS

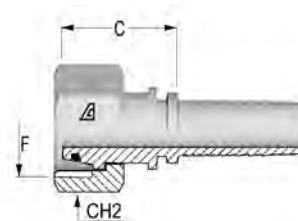
### // H1211110

Metric Male 24° Seat - Light  
DIN 3853 - CEL



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH1 mm
1200451	H1211110-031200	3/16	4,8	03	M12x1,5	6	20,8	14
1200481	H1211110-041200	1/4	6,4	04	M12x1,5	6	21,3	14
1200482	H1211110-041400	1/4	6,4	04	M14x1,5	8	21,3	14
1201558	H1211110-041600	1/4	6,4	04	M16x1,5	10	23,3	17
1200518	H1211110-051600	5/16	7,9	05	M16x1,5	10	23,3	17
1201086	H1211110-051800	5/16	7,9	05	M18x1,5	12	24,3	19
1200314	H1211110-061600	3/8	9,5	06	M16x1,5	10	23,3	17
1200315	H1211110-061800	3/8	9,5	06	M18x1,5	12	24,3	19
1200320	H1211110-062200	3/8	9,5	06	M22x1,5	15	25,3	22
1202565	H1211110-081800	1/2	12,7	08	M18x1,5	12	25,1	19
1200358	H1211110-082200	1/2	12,7	08	M22x1,5	15	26,1	22
1200362	H1211110-082600	1/2	12,7	08	M26x1,5	18	27,1	27
1200401	H1211110-102600	5/8	15,9	10	M26x1,5	18	27,1	27
1200432	H1211110-123000	3/4	19,0	12	M30x2	22	31,6	32
1201372	H1211110-163600	1	25,4	16	M36x2	28	34,4	36
1201373	H1211110-204500	1 1/4	31,8	20	M45x2	35	40,0	46
1201374	H1211110-245200	1 1/2	38,1	24	M52x2	42	42,0	55

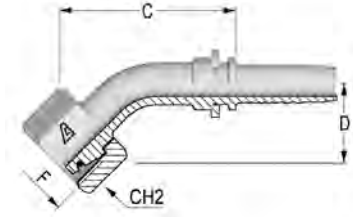
Dimensions shown may be changed without prior notice.

**// H1221513**
**Metric Female 24° Cone with O-Ring - Light  
DIN 3865 - DKOL**


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH2 mm
1200595	H1221513-031200	3/16	4,8	03	M12x1,5	6	23,9	14
1201612	H1221513-031400	3/16	4,8	03	M14x1,5	8	23,9	17
1202944	H1221511-041200	1/4	6,4	04	M12x1,5	6	24,8	14
1200614	H1221513-041400	1/4	6,4	04	M14x1,5	8	24,4	17
1200609	H1221513-041600	1/4	6,4	04	M16x1,5	10	25,4	19
1201060	H1221513-041800	1/4	6,4	04	M18x1,5	12	25,4	22
1201458	H1221513-051400	5/16	7,9	05	M14x1,5	8	25,4	17
1200642	H1221513-051600	5/16	7,9	05	M16x1,5	10	25,4	19
1200643	H1221513-051800	5/16	7,9	05	M18x1,5	12	25,4	22
1203152	H1221513-061600	3/8	9,5	06	M16x1,5	10	25,4	19
1200667	H1221513-061800	3/8	9,5	06	M18x1,5	12	25,4	22
1200670	H1221513-062200	3/8	9,5	06	M22x1,5	15	27,4	27
1203260	H1221513-081800	1/2	12,7	08	M18x1,5	12	28,1	22
1200707	H1221513-082200	1/2	12,7	08	M22x1,5	15	28,2	27
1201843	H1221513-082600	1/2	12,7	08	M26x1,5	18	29,2	32
1203158	H1221513-1022B0	5/8	15,9	10	M22x1,5	15	29,2	27
1200736	H1221513-102600	5/8	15,9	10	M26x1,5	18	29,2	32
1226509	H1221513-1222B0	3/4	19,0	12	M22x1,5	15	30,2	27
1200760	H1221513-1226B0	3/4	19,0	12	M26x1,5	18	30,2	32
1200762	H1221513-123000	3/4	19,0	12	M30x2	22	31,7	36
1220609	H1221513-123600	3/4	19,0	12	M36x2	28	32,8	41
1201593	H1221512-163000	1	25,4	16	M30x2	22	44,6	36
1201385	H1221513-163600	1	25,4	16	M36x2	28	33,6	41
1225980	H1221513-164500	1	25,4	16	M45x2	35	38,5	50
1201386	H1221513-204500	1 1/4	31,8	20	M45x2	35	40,1	50
1201387	H1221513-245200	1 1/2	38,1	24	M52x2	42	40,5	60

**// H1221543**

**45° Metric Female 24° Cone with O-Ring - Light**  
**DIN 3865 - DKOL 45**  
**Solid one piece**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1200594	H1221543-031200	3/16	4,8	03	M12x1,5	6	44,9	19,0	14
1216676	H1221541-041200	1/4	6,4	04	M12x1,5	6	45,2	15,5	14
1200612	H1221543-041400	1/4	6,4	04	M14x1,5	8	43,0	17,5	17
1201576	H1221543-041600	1/4	6,4	04	M16x1,5	10	42,0	20,0	19
1225984	H1221543-0514B0	5/16	7,9	05	M14x1,5	8	47,5	20,0	17
1200645	H1221543-051600	5/16	7,9	05	M16x1,5	10	47,5	20,0	19
1200646	H1221543-051800	5/16	7,9	05	M18x1,5	12	47,0	22,0	22
1203153	H1221543-0616B0	3/8	9,5	06	M16x1,5	10	46,8	20,0	19
1200671	H1221543-061800	3/8	9,5	06	M18x1,5	12	46,8	19,5	22
1203326	H1221543-081800	1/2	12,7	08	M18x1,5	12	55,0	21,0	22
1200711	H1221543-082200	1/2	12,7	08	M22x1,5	15	55,0	21,0	22
1200738	H1221543-102600	5/8	15,9	10	M26x1,5	18	65,3	24,0	32
1220810	H1221543-1226B0	3/4	19,0	12	M26x1,5	18	67,0	28,0	32
1200764	H1221543-123000	3/4	19,0	12	M30x2	22	69,4	32,0	36
1216677	H1221543-1630B0	1	25,4	16	M30x2	22	90,0	32,0	36
1201390	H1221543-163600	1	25,4	16	M36x2	28	91,4	32,0	41
1201392	H1221543-204500	1 1/4	31,8	20	M45x2	35	141,5	45,0	50
1202128	H1221543-245200	1 1/2	38,1	24	M52x2	42	114,1	47,0	60

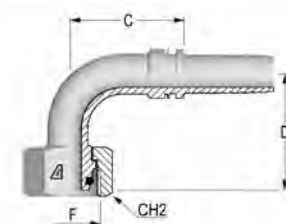
Dimensions shown may be changed without prior notice.

**// H1221593**

90° Metric Female 24° Cone with O-Ring - Light

DIN 3865 - DKOL 90

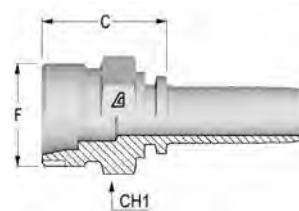
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1216680	H1221593-031200	3/16	4,8	03	M12x1,5	6	24,0	34,0	14
1203240	H1221591-041200	1/4	6,4	04	M12x1,5	6	29,5	26,0	14
1200618	H1221593-041400	1/4	6,4	04	M14x1,5	8	28,3	32,5	17
1200616	H1221593-041600	1/4	6,4	04	M16x1,5	10	28,3	32,5	19
1203218	H1221593-041800	1/4	6,4	04	M18x1,5	12	28,8	35,0	22
1200648	H1221593-051600	5/16	7,9	05	M16x1,5	10	33,7	38,0	19
1200649	H1221593-051800	5/16	7,9	05	M18x1,5	12	32,2	40,0	22
1200675	H1221593-0616B0	3/8	9,5	06	M16x1,5	10	32,8	38,0	19
1200676	H1221593-061800	3/8	9,5	06	M18x1,5	12	32,8	39,0	22
1200679	H1221593-062200	3/8	9,5	06	M22x1,5	15	35,8	38,5	27
1201237	H1221593-081800	1/2	12,7	08	M18x1,5	12	39,8	40,0	22
1200713	H1221593-082200	1/2	12,7	08	M22x1,5	15	39,8	40,5	27
1203154	H1221593-082600	1/2	12,7	08	M26x1,5	18	39,8	41,0	32
1201292	H1221593-1022B0	5/8	15,9	10	M22x1,5	15	51,4	47,0	27
1200740	H1221593-102600	5/8	15,9	10	M26x1,5	18	51,4	48,0	32
1200742	H1221593-103000	5/8	15,9	10	M30x2	22	52,4	49,0	36
1201548	H1221593-1226B0	3/4	19,0	12	M26x1,5	18	52,1	54,0	32
1200767	H1221593-123000	3/4	19,0	12	M30x2	22	52,1	59,0	36
1216685	H1221593-123600	3/4	19,0	12	M36x2	28	52,1	80,0	41
1216686	H1221593-1630B0	1	25,4	16	M30x2	22	77,6	63,0	36
1201391	H1221593-163600	1	25,4	16	M36x2	28	75,0	68,0	41
1216679	H1221592-2036B0	1 1/4	31,8	20	M36x2	28	92,2	86,0	41
1201393	H1221593-204500	1 1/4	31,8	20	M45x2	35	90,5	89,0	50
1201394	H1221593-245200	1 1/2	38,1	24	M52x2	42	106,5	100,0	60

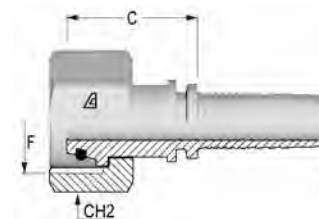
**// H1211210**

**Metric Male 24° Seat - Heavy  
DIN 3853 - CES**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH1 mm
1201828	H1211210-041400	1/4	6,4	04	M14x1,5	6	24,3	17
1200485	H1211210-041600	1/4	6,4	04	M16x1,5	8	24,3	17
1200477	H1211210-041800	1/4	6,4	04	M18x1,5	10	25,3	19
1200521	H1211210-052000	5/16	7,9	05	M20x1,5	12	25,3	22
1202267	H1211210-061800	3/8	9,5	06	M18x1,5	10	25,3	19
1200316	H1211210-062000	3/8	9,5	06	M20x1,5	12	25,3	22
1200319	H1211210-062200	3/8	9,5	06	M22x1,5	14	27,3	22
1200321	H1211210-062400	3/8	9,5	06	M24x1,5	16	28,3	24
1202564	H1211210-082200	1/2	12,7	08	M22x1,5	14	28,1	22
1200360	H1211210-082400	1/2	12,7	08	M24x1,5	16	29,1	24
1200364	H1211210-083000	1/2	12,7	08	M30x2	20	33,1	32
1200403	H1211210-103000	5/8	15,9	10	M30x2	20	33,1	32
1202526	H1211210-123000	3/4	19,0	12	M30x2	20	33,6	32
1200434	H1211210-123600	3/4	19,0	12	M36x2	25	37,6	36
1203151	H1211210-163600	1	25,4	16	M36x2	25	38,4	36
1201375	H1211210-164200	1	25,4	16	M42x2	30	42,4	46
1201376	H1211210-205200	1 1/4	31,8	20	M52x2	38	48,0	55

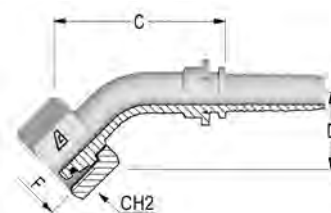
Dimensions shown may be changed without prior notice.

**// H1221613**
**Metric Female 24° Cone with O-Ring - Heavy  
DIN 3865 - DKOS**


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH2 mm
1200596	H1221613-031600	3/16	4,8	03	M16x1,5	8	27,2	19
1201827	H1221613-041400	1/4	6,4	04	M14x1,5	6	26,4	17
1200615	H1221613-041600	1/4	6,4	04	M16x1,5	8	27,7	19
1200610	H1221613-041800	1/4	6,4	04	M18x1,5	10	27,6	22
1201061	H1221613-042000	1/4	6,4	04	M20x1,5	12	27,6	24
1201832	H1221613-051800	5/16	7,9	05	M18x1,5	10	27,6	22
1200644	H1221613-052000	5/16	7,9	05	M20x1,5	12	27,6	24
1216688	H1221613-061600	3/8	9,5	06	M16x1,5	8	27,6	19
1202384	H1221613-061800	3/8	9,5	06	M18x1,5	10	27,6	22
1200668	H1221613-062000	3/8	9,5	06	M20x1,5	12	27,6	24
1200669	H1221613-062200	3/8	9,5	06	M22x1,5	14	31,1	27
1202570	H1221613-062400	3/8	9,5	06	M24x1,5	16	30,9	30
1202566	H1221613-082000	1/2	12,7	08	M20x1,5	12	31,9	24
1218557	H1221613-082200	1/2	12,7	08	M22x1,5	14	31,9	27
1200708	H1221613-082400	1/2	12,7	08	M24x1,5	16	31,7	30
1200710	H1221613-083000	1/2	12,7	08	M30x2	20	36,5	36
1201150	H1221613-102400	5/8	15,9	10	M24x1,5	16	36,5	30
1200737	H1221613-103000	5/8	15,9	10	M30x2	20	36,5	36
1201732	H1221613-123000	3/4	19,0	12	M30x2	20	37,0	36
1200763	H1221613-123600	3/4	19,0	12	M36x2	25	40,2	46
1216696	H122161Z-123600	3/4	19,0	12	M36x2	25	40,2	41
1226516	H1221613-163000	1	25,4	16	M30x2	20	41,0	36
1203099	H1221613-163600	1	25,4	16	M36x2	25	41,0	46
1201388	H1221613-164200	1	25,4	16	M42x2	30	43,1	50
1216693	H1221613-204200	1 1/4	31,8	20	M42x2	30	44,7	50
1201389	H1221613-205200	1 1/4	31,8	20	M52x2	38	48,1	60
1216695	H1221613-245200	1 1/2	38,1	24	M52x2	38	48,1	60

**// H1221643**

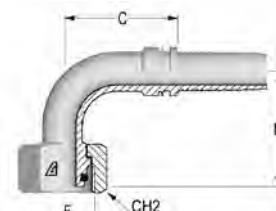
45° Metric Female 24° Cone with O-Ring - Heavy  
 DIN 3865 - DKOS 45  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1216697	H1221643-041400	1/4	6,4	04	M14x1,5	6	47,0	20,0	17
1200613	H1221643-041600	1/4	6,4	04	M16x1,5	8	48,6	16,0	19
1200611	H1221643-041800	1/4	6,4	04	M18x1,5	10	43,5	19,0	22
1219110	H1221643-0518B0	5/16	7,9	05	M18x1,5	10	48,0	20,0	22
1200647	H1221643-052000	5/16	7,9	05	M20x1,5	12	48,1	21,0	24
1226010	H1221643-0616B0	3/8	9,5	06	M16x1,5	8	50,6	21,0	19
1216698	H1221643-0618B0	3/8	9,5	06	M18x1,5	10	50,6	21,0	22
1200672	H1221643-062000	3/8	9,5	06	M20x1,5	12	50,6	20,0	24
1200673	H1221643-062200	3/8	9,5	06	M22x1,5	14	52,9	21,0	27
1226012	H1221643-0820B0	1/2	12,7	08	M20x1,5	12	55,8	21,0	24
1200712	H1221643-082400	1/2	12,7	08	M24x1,5	16	55,8	21,5	30
1201300	H1221643-103000	5/8	15,9	10	M30x2	20	66,3	30,0	36
1202891	H1221643-123000	3/4	19,0	12	M30x2	20	66,1	29,0	36
1200765	H1221643-123600	3/4	19,0	12	M36x2	25	69,5	33,0	46
1203098	H1221643-163600	1	25,4	16	M36x2	25	89,7	36,0	46
1201395	H1221643-164200	1	25,4	16	M42x2	30	110,3	40,5	50
1201398	H1221643-205200	1 1/4	31,8	20	M52x2	38	109,0	45,0	60

**// H1221693**

90° Metric Female 24° Cone with O-Ring - Heavy  
 DIN 3865 - DKOS 90  
 Solid one piece

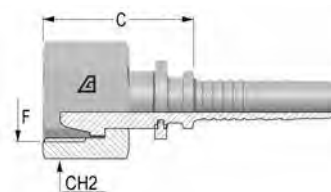


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1201065	H1221693-041400	1/4	6,4	04	M14x1,5	6	27,3	33,0	17
1200619	H1221693-041600	1/4	6,4	04	M16x1,5	8	27,3	33,0	19
1200617	H1221693-041800	1/4	6,4	04	M18x1,5	10	26,8	34,0	22
1201063	H1221693-042000	1/4	6,4	04	M20x1,5	12	34,5	39,0	24
1216700	H1221693-051800	5/16	7,9	05	M18x1,5	10	33,2	39,0	22
1200650	H1221693-052000	5/16	7,9	05	M20x1,5	12	33,2	39,0	24
1216701	H1221693-0616B0	3/8	9,5	06	M16x1,5	8	34,3	39,0	19
1202134	H1221693-0618B0	3/8	9,5	06	M18x1,5	10	34,3	39,0	22
1200677	H1221693-062000	3/8	9,5	06	M20x1,5	12	34,3	38,5	24
1200678	H1221693-062200	3/8	9,5	06	M22x1,5	14	34,3	40,5	27
1200714	H1221693-082400	1/2	12,7	08	M24x1,5	16	39,8	41,5	30
1201253	H1221693-083000	1/2	12,7	08	M30x2	20	45,8	50,0	36
1216706	H1221693-102400	5/8	15,9	10	M24x1,5	16	47,9	53,0	30
1200741	H1221693-103000	5/8	15,9	10	M30x2	20	47,9	55,0	36
1200766	H1221693-123000	3/4	19,0	12	M30x2	20	50,6	58,0	36
1200768	H1221693-123600	3/4	19,0	12	M36x2	25	50,6	59,5	46
1216711	H122169Z-123600	3/4	19,0	12	M36x2	25	50,6	59,5	41
1203097	H1221693-163600	1	25,4	16	M36x2	25	77,6	73,5	46
1201396	H1221693-164200	1	25,4	16	M42x2	30	75,6	79,0	50
1203096	H1221693-204200	1 1/4	31,8	20	M42x2	30	95,0	88,0	50
1201397	H1221693-205200	1 1/4	31,8	20	M52x2	38	94,0	92,0	60

Dimensions shown may be changed without prior notice.

**// H1221313**

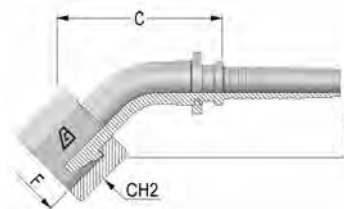
**Universal Metric Female**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	F Thread Dash	C CUT-OFF Factor	CH2 mm
1200631	H1221313-041400	1/4	6,4	04	M14X1,5	14	22,3	17
1200632	H1221313-041600	1/4	6,4	04	M16X1,5	16	21,8	19
1200633	H1221313-041800	1/4	6,4	04	M18X1,5	18	22,3	22
1200658	H1221313-051600	5/16	7,9	05	M16X1,5	16	22,3	19
1200659	H1221313-051800	5/16	7,9	05	M18X1,5	18	21,8	22
1200697	H1221313-061600	3/8	10,0	06	M16X1,5	16	25,0	19
1200698	H1221313-061800	3/8	10,0	06	M18X1,5	18	22,3	22
1200699	H1221313-062200	3/8	10,0	06	M22X1,5	22	23,9	27
1200729	H1221313-082200	1/2	13,0	08	M22X1,5	22	24,7	27
1200753	H1221313-102600	5/8	15,9	10	M26X1,5	26	25,1	32

**// H1221343**

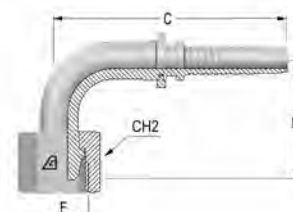
**45° Universal Metric Female**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2
1216669	H1221343-041400	1/4	6,4	04	M14X1,5	14	36,5	16	17
1216670	H1221343-041600	1/4	6,4	04	M16X1,5	16	37,0	17	19
1200660	H1221343-051600	5/16	7,9	05	M16X1,5	16	42,1	19	19
1201450	H1221343-061800	3/8	10,0	06	M18X1,5	18	42,8	20	22
1225972	H1221343-082200	1/2	13,0	08	M22X1,5	22	54,9	20	27
1225973	H1221343-102600	5/8	15,9	10	M26X1,5	26	54,0	22	32

**// H1221393**

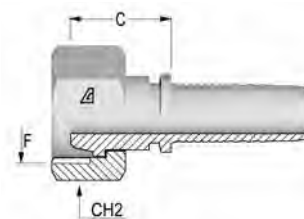
**90° Universal Metric Female**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2
1225975	H1221393-041400	1/4	6,4	04	M14X1,5	14	29,9	28,5	17,0
1201452	H1221393-041600	1/4	6,4	04	M16X1,5	16	28,3	33,0	19,0
1200661	H1221393-051600	5/16	7,9	05	M16X1,5	16	34,2	36,0	19,0
1201323	H1221393-051800	5/16	7,9	05	M18X1,5	18	33,2	31,0	22,0
1216671	H1221393-061600	3/8	10,0	06	M16X1,5	16	30,0	32,0	19,0
1200701	H1221393-061800	3/8	10,0	06	M18X1,5	18	32,8	37,0	22,0
1201580	H1221393-062200	3/8	10,0	06	M22X1,5	22	32,3	36,0	27,0
1200730	H1221393-082200	1/2	12,7	08	M22X1,5	22	39,8	40,0	27,0
1216672	H1221393-102600	5/8	15,9	10	M26X1,5	26	43,0	47,0	32,0

**// H1221013**

Metric Female 60° Cone DIN 3863

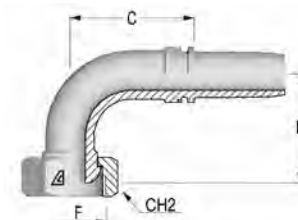


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	C CUT-OFF Factor	CH2 mm
1200759	H1221013-123000	3/4	19,0	12	M30x1,5	21,6	36
1201572	H1221013-163800	1	25,4	16	M38x1,5	28,0	46

**// H1221093**

90° Metric Female 60° Cone DIN 3863

Solid one piece

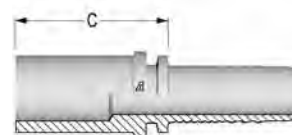


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	C CUT-OFF Factor	D DROP mm	CH2 mm
1202056	H1221093-123000	3/4	19,0	12	M30x1,5	54,6	47	36
1201620	H1221093-163800	1	25,4	16	M38x1,5	72,6	60	46

Dimensions shown may be changed without prior notice.

**// H1252010**

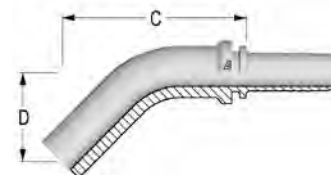
**Metric Straight Standpipe DIN 2353  
RSL/RSS**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Tube OD mm	C CUT-OFF Factor
1200855	H1252010-030600	3/16	4,8	03	6	27,8
1200856	H1252010-030800	3/16	4,8	03	8	29,8
1200865	H1252010-040600	1/4	6,4	04	6	28,3
1200867	H1252010-040800	1/4	6,4	04	8	30,2
1200859	H1252010-041000	1/4	6,4	04	10	32,2
1200860	H1252010-041200	1/4	6,4	04	12	31,2
1200878	H1252010-050800	5/16	7,9	05	8	30,3
1200871	H1252010-051000	5/16	7,9	05	10	30,2
1200872	H1252010-051200	5/16	7,9	05	12	32,7
1200793	H1252010-061000	3/8	9,5	06	10	30,3
1200794	H1252010-061200	3/8	9,5	06	12	29,3
1200796	H1252010-061400	3/8	9,5	06	14	35,8
1200797	H1252010-061500	3/8	9,5	06	15	34,8
1216922	H1252010-081000	1/2	12,7	08	10	32,5
1200809	H1252010-081200	1/2	12,7	08	12	32,1
1200811	H1252010-081400	1/2	12,7	08	14	36,1
1200812	H1252010-081500	1/2	12,7	08	15	32,1
1200813	H1252010-081600	1/2	12,7	08	16	37,1
1200815	H1252010-081800	1/2	12,7	08	18	36,0
1200828	H1252010-101800	5/8	15,9	10	18	34,2
1200829	H1252010-102000	5/8	15,9	10	20	44,2
1200832	H1252010-102200	5/8	15,9	10	22	37,2
1200838	H1252010-122000	3/4	19,0	12	20	45,5
1200840	H1252010-122200	3/4	19,0	12	22	36,5
1200841	H1252010-122500	3/4	19,0	12	25	48,5
1201442	H1252010-162500	1	25,4	16	25	51,4
1201440	H1252010-162800	1	25,4	16	28	40,4
1201441	H1252010-163000	1	25,4	16	30	54,4
1214227	H1252010-163800	1	25,4	16	38	60,4
1214228	H1252010-203000	1 1/4	31,8	20	30	56,0
1201443	H1252010-203500	1 1/4	31,8	20	35	48,0
1201444	H1252010-203800	1 1/4	31,8	20	38	62,0
1203082	H1252010-243800	1 1/2	38,1	24	38	62,0
1201445	H1252010-244200	1 1/2	38,1	24	42	52,0

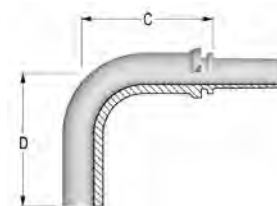
**// H1252040**

45° Metric Standpipe  
 RSL 45/RSS 45 - DIN 2353  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Tube OD mm	C CUT-OFF Factor	D DROP mm
1200863	H1252040-040600	1/4	6,4	04	6	50,1	28,0
1200864	H1252040-040800	1/4	6,4	04	8	43,2	23,0
1200862	H1252040-041000	1/4	6,4	04	10	48,0	24,0
1200876	H1252040-051000	5/16	7,9	05	10	48,4	24,0
1200877	H1252040-051200	5/16	7,9	05	12	55,4	28,0
1200800	H1252040-061000	3/8	9,5	06	10	48,5	24,0
1200801	H1252040-061200	3/8	9,5	06	12	55,5	28,0
1200802	H1252040-061400	3/8	9,5	06	14	53,1	28,0
1226607	H1252040-081200	1/2	12,7	08	12	54,6	26,0
1200817	H1252040-081500	1/2	12,7	08	15	62,6	28,5
1200818	H1252040-081600	1/2	12,7	08	16	63,3	32,0
1214229	H1252040-081800	1/2	12,7	08	18	72,0	30,5
1200843	H1252040-122200	3/4	19,0	12	22	74,3	37,0
1200844	H1252040-122500	3/4	19,0	12	25	83,0	44,0
1216924	H1252040-162500	1	25,4	16	25	102,3	55,0
1214232	H1252040-163000	1	25,4	16	30	137,0	46,1

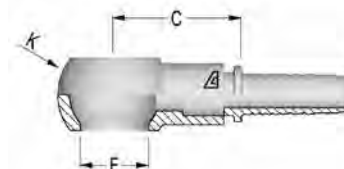
Dimensions shown may be changed without prior notice.

**// H1252090****90° Metric Standpipe**  
**RSL 90/RSS 90 - DIN 2353****Solid one piece**

Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Tube OD mm	C CUT-OFF Factor	D DROP mm
1200857	H1252090-030600	3/16	4,8	03	6	24,5	36,0
1200869	H1252090-040600	1/4	6,4	04	6	25,4	36,0
1200870	H1252090-040800	1/4	6,4	04	8	25,9	44,0
1200868	H1252090-041000	1/4	6,4	04	10	30,6	42,0
1202296	H1252090-041200	1/4	6,4	04	12	34,9	50,0
1200879	H1252090-051000	5/16	7,9	05	10	28,6	48,5
1200880	H1252090-051200	5/16	7,9	05	12	39,4	55,0
1200803	H1252090-061000	3/8	9,5	06	10	30,7	42,0
1200804	H1252090-061200	3/8	9,5	06	12	35,0	50,0
1200805	H1252090-061400	3/8	9,5	06	14	37,0	50,0
1225730	H1252090-081200	1/2	12,7	08	12	41,0	52,0
1200822	H1252090-081500	1/2	12,7	08	15	44,7	57,0
1200823	H1252090-081600	1/2	12,7	08	16	43,7	64,0
1203079	H1252090-081800	1/2	12,7	08	18	58,1	59,0
1200835	H1252090-101800	5/8	15,9	10	18	52,2	58,0
1200836	H1252090-102000	5/8	15,9	10	20	62,6	70,0
1210832	H1252090-102200	5/8	15,9	10	22	49,4	64,0
1203081	H1252090-122000	3/4	19,0	12	20	63,4	70,0
1200846	H1252090-122200	3/4	19,0	12	22	53,1	67,5
1200847	H1252090-122500	3/4	19,0	12	25	63,2	85,0
1214233	H1252090-162500	1	25,4	16	25	73,1	98,5
1202886	H1252090-162800	1	25,4	16	28	73,1	89,5
1214234	H1252090-163000	1	25,4	16	30	73,1	102,5
1214235	H1252090-203500	1 1/4	31,8	20	35	89,0	106,5

**// H1230910**

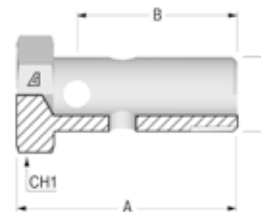
**Metric Banjo  
RNM**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F mm	C CUT-OFF Factor	K mm
1202577	H1230910-031000	3/16	4,8	03	M10X1,0	10	24,0	17
1200468	H1230910-041000	1/4	6,4	04	M10X1,0	10	25,0	17
1200469	H1230910-041200	1/4	6,4	04	M12x1,5	12	28,5	20
1200470	H1230910-041400	1/4	6,4	04	M14x1,5	14	27,5	24
1200513	H1230910-051200	5/16	7,9	05	M12x1,5	12	28,5	24
1200514	H1230910-051400	5/16	7,9	05	M14x1,5	14	27,5	24
1200515	H1230910-051600	5/16	7,9	05	M16x1,5	16	30,5	28
1200516	H1230910-051800	5/16	7,9	05	M18x1,5	18	28,5	32
1200309	H1230910-061400	3/8	9,5	06	M14x1,5	14	27,5	24
1200310	H1230910-061600	3/8	9,5	06	M16x1,5	16	30,5	28
1200311	H1230910-061800	3/8	9,5	06	M18x1,5	18	31,5	32
1200346	H1230910-081800	1/2	12,7	08	M18x1,5	18	32,0	32
1200347	H1230910-082200	1/2	12,7	08	M22X1,5	22	35,0	39
1200389	H1230910-102200	5/8	15,9	10	M22X1,5	22	35,0	39
1200422	H1230910-122600	3/4	19,0	12	M26x1,5	26	38,5	46
1203083	H1230910-163000	1	25,4	16	M30x1,5	30	42,5	54

**// H10V0810**

**Metric Bolt**



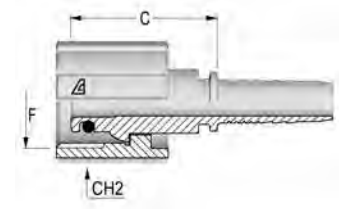
Item Code	Part Number	F Thread in-TPI	A mm	B mm	CH1 mm
1210374	H10V0810-100000	10x1	24	19	14
1210375	H10V0810-120000	12x1,5	29	24	17
1210368	H10V0810-140000	14x1,5	34	28	19
1210384	H10V0810-160000	16x1,5	41	34	22
1210369	H10V0810-180000	18x1,5	44	37	24
1210371	H10V0810-220000	22X1,5	48	41	27
1210406	H10V0810-260000	26x1,5	52	42	32
1210405	H10V0810-300000	30x1,5	62	51	38

Dimensions shown may be changed without prior notice.

## // PRESSURE WASHER

### // H1224914

Universal Female for Pressure Washer

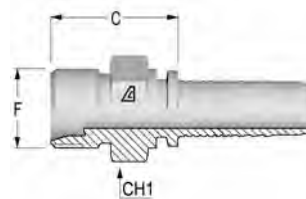


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	C CUT-OFF Factor	CH2 mm
1203350	H1224914-042200	1/4	6,4	04	M22x1,5	36,8	35
1203351	H1224914-052200	5/16	7,9	05	M22x1,5	36,8	35
1203352	H1224914-062200	3/8	9,5	06	M22x1,5	36,8	35

## // SAE INSERTS

### // H1213B10

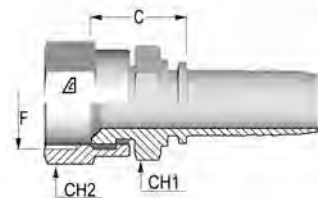
SAE Male Flareless



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1216628	H1213B10-040400	1/4	6,4	04	7/16-20	04	21,8	12
1216629	H1213B10-040500	1/4	6,4	04	1/2-20	05	22,8	14
1216630	H1213B10-050600	5/16	7,9	05	9/16-18	06	24,2	16
1216632	H1213B10-060600	3/8	9,5	06	9/16-18	06	24,2	16
1216633	H1213B10-080800	1/2	12,7	08	3/4-16	08	28,4	22
1225942	H1213B10-121200	3/4	19,0	12	1 1/16-12	12	33,1	30

### // H1226611

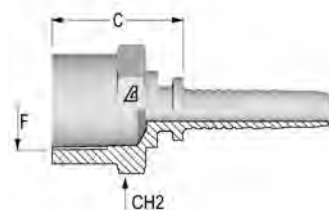
SAE Female Swivel 45° Seat



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1202661	H1226611-060600	3/8	9,5	06	5/8-18	06	23,3	19	22
1226097	H1226611-060800	3/8	9,5	06	3/4-16	08	24,8	19	25
1226098	H1226611-081000	1/2	12,7	08	7/8-14	10	26,6	22	27
1202371	H1226611-121200	3/4	19,0	12	1 1/16-14	12	28,6	27	32

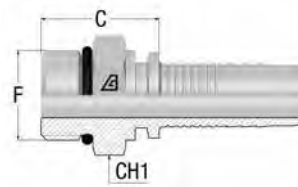
### // H1229710

Female Grease Connection PTF Thread



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1216837	H1229710-040400	1/4	6,4	04	1/2-27	04	23,3	19

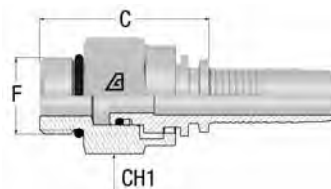
Dimensions shown may be changed without prior notice.

**// H1213010**
**SAE Solid Male  
O-Ring Boss**


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1203147	H1213010-040400	1/4	6,4	04	7/16-20	04	20,3	14
1201833	H1213010-040500	1/4	6,4	04	1/2-20	05	21,3	16
1202519	H1213010-040600	1/4	6,4	04	9/16-18	06	22,3	17
1201834	H1213010-060600	3/8	9,5	06	9/16-18	06	23,3	19
1200337	H1213010-060800	3/8	9,5	06	3/4-16	08	24,3	22
1200338	H1213010-061000	3/8	9,5	06	7/8-14	10	26,8	27
1200382	H1213010-080800	1/2	12,7	08	3/4-16	08	25,1	22
1200383	H1213010-081000	1/2	12,7	08	7/8-14	10	27,6	27
1200381	H1213010-081200	1/2	12,7	08	1 1/16-12	12	32,1	32
1221652	H1213010-101000	5/8	15,9	10	7/8-14	10	27,6	24
1200416	H1213010-101200	5/8	15,9	10	1 1/16-12	12	32,1	32
1203146	H1213010-121000	3/4	19,0	12	7/8-14	10	28,1	27
1200445	H1213010-121200	3/4	19,0	12	1 1/16-12	12	32,6	32
1201836	H1213010-161600	1	25,4	16	1 5/16-12	16	35,4	38
1225859	H1213010-202000	1 1/4	31,8	20	1 5/8-12	20	39,0	46

**// H1213011**

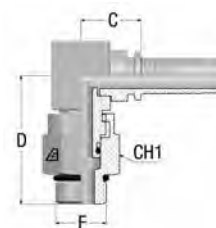
SAE Male Swivel  
O-Ring Boss



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1225927	H1213011-060600	3/8	9,5	06	9/16-18	06	40,5	22
1225928	H1213011-060800	3/8	9,5	06	3/4-16	08	22,0	22
1225929	H1213011-080800	1/2	12,7	08	3/4-16	08	23,0	25
1225930	H1213011-081000	1/2	12,7	08	7/8-14	10	23,0	25
1230553	H1213011-121200	3/4	19,0	12	1 1/16-12	12	49,6	32

**// H1213081**

90° Compact SAE Male Swivel  
O-Ring Boss



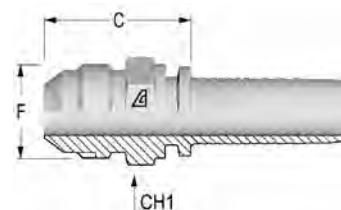
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH1 mm
1226490	H1213081-040500	1/4	6,4	04	1/2-20	05	17,0	34	17
1225933	H1213081-060800	3/8	9,5	06	3/4-16	08	22,0	44	25
1225934	H1213081-080800	1/2	12,7	08	3/4-16	08	23,0	47	25
1225935	H1213081-081000	1/2	12,7	08	7/8-14	10	23,0	49	25
1226491	H1213081-101200	5/8	15,9	10	1 1/16-12	12	27,0	60	32
1226492	H1213081-121200	3/4	19,0	12	1 1/16-12	12	27,0	61	32

Dimensions shown may be changed without prior notice.

## // JIC 37° INSERTS

### // H1212510

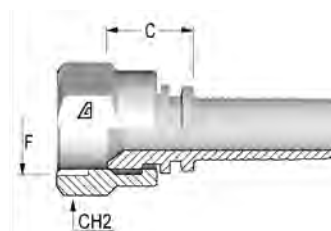
JIC Male 37° Cone  
AGJ



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200457	H1212510-030400	3/16	4,8	03	7/16-20	04	23,8	12
1200500	H1212510-040400	1/4	6,4	04	7/16-20	04	25,3	12
1200499	H1212510-040500	1/4	6,4	04	1/2-20	05	25,3	14
1200501	H1212510-040600	1/4	6,4	04	9/16-18	06	26,3	17
1200534	H1212510-050500	5/16	7,9	05	1/2-20	05	25,3	14
1200535	H1212510-050600	5/16	7,9	05	9/16-18	06	26,3	17
1201087	H1212510-050800	5/16	7,9	05	3/4-16	08	29,8	19
1200332	H1212510-060600	3/8	9,5	06	9/16-18	06	26,3	17
1200330	H1212510-060800	3/8	9,5	06	3/4-16	08	29,8	19
1200331	H1212510-061000	3/8	9,5	06	7/8-14	10	33,8	24
1200375	H1212510-080800	1/2	12,7	08	3/4-16	08	30,6	19
1200376	H1212510-081000	1/2	12,7	08	7/8-14	10	34,6	24
1200374	H1212510-081200	1/2	12,7	08	1 1/16-12	12	37,1	27
1200413	H1212510-101000	5/8	15,9	10	7/8-14	10	34,6	24
1200411	H1212510-101200	5/8	15,9	10	1 1/16-12	12	37,1	27
1200441	H1212510-121200	3/4	19,0	12	1 1/16-12	12	37,6	27
1200442	H1212510-121400	3/4	19,0	12	1 3/16-12	14	40,1	32
1200443	H1212510-121600	3/4	19,0	12	1 5/16-12	16	42,6	36
1222989	H1212510-161200	1	25,4	16	1 1/16-12	12	40,4	32
1201379	H1212510-161600	1	25,4	16	1 5/16-12	16	43,4	36
1201380	H1212510-162000	1	25,4	16	1 5/8-12	20	46,9	46
1201381	H1212510-202000	1 1/4	31,8	20	1 5/8-12	20	48,5	46
1201785	H1212510-202400	1 1/4	31,8	20	1 7/8-12	24	52,5	50
1201382	H1212510-242400	1 1/2	38,1	24	1 7/8-12	24	52,5	50
1201383	H1212510-323200	2	50,8	32	2 1/2-12	32	62,0	65

**// H1222511**

JIC Female 37° Seat  
DKJ

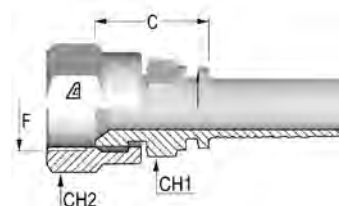


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1200600	H1222511-030400	3/16	4,8	03	7/16-20	04	14,3	16
1200625	H1222511-040400	1/4	6,4	04	7/16-20	04	14,6	16
1200623	H1222511-040500	1/4	6,4	04	1/2-20	05	15,3	17
1200626	H1222511-040600	1/4	6,4	04	9/16-18	06	15,3	19
1200655	H1222511-050500	5/16	7,9	05	1/2-20	05	15,3	17
1200656	H1222511-050600	5/16	7,9	05	9/16-18	06	15,3	19
1200691	H1222511-060600	3/8	9,5	06	9/16-18	06	15,3	19
1200687	H1222511-060800	3/8	9,5	06	3/4-16	08	17,8	25
1200690	H1222511-061000	3/8	9,5	06	7/8-14	10	20,3	27
1200723	H1222511-080800	1/2	12,7	08	3/4-16	08	18,6	25
1200725	H1222511-081000	1/2	12,7	08	7/8-14	10	19,6	27
1200722	H1222511-081200	1/2	12,7	08	1 1/16-12	12	22,1	32
1200751	H1222511-101000	5/8	15,9	10	7/8-14	10	19,6	27
1200749	H1222511-101200	5/8	15,9	10	1 1/16-12	12	20,1	32
1201841	H1222511-121000	3/4	19,0	12	7/8-14	10	20,1	27
1200774	H1222511-121200	3/4	19,0	12	1 1/16-12	12	20,6	32
1200775	H1222511-121400	3/4	19,0	12	1 3/16-12	14	19,9	36
1200776	H1222511-121600	3/4	19,0	12	1 5/16-12	16	22,1	38
1201399	H1222511-161200	1	25,4	16	1 1/16-12	12	22,4	32
1201400	H1222511-161600	1	25,4	16	1 5/16-12	16	23,9	38
1201401	H1222512-162000	1	25,4	16	1 5/8-12	20	26,5	50
1202820	H1222511-201600	1 1/4	31,8	20	1 5/16-12	16	26,5	38
1201402	H1222512-202000	1 1/4	31,8	20	1 5/8-12	20	28,1	50
1201403	H1222512-202400	1 1/4	31,8	20	1 7/8-12	24	30,4	55
1201097	H1222512-242400	1 1/2	38,1	24	1 7/8-12	24	29,4	55
1203249	H1222512-322400	2	50,8	32	1 7/8-12	24	31,4	55
1201404	H1222512-323200	2	50,8	32	2 1/2-12	32	32,0	70

Dimensions shown may be changed without prior notice.

**// H1226511**

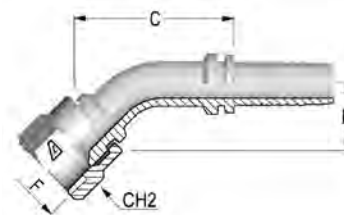
**JIC Female 37° Seat with Stem Hexagon  
DKJ**



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1200599	H1226511-030400	3/16	4,8	03	7/16-20	04	18,1	12	16
1226559	H1226511-040300	1/4	6,4	04	3/8-24	03	19,8	12	14
1200621	H1226511-040400	1/4	6,4	04	7/16-20	04	19,6	14	16
1202406	H1226511-040500	1/4	6,4	04	1/2-20	05	20,3	14	17
1200622	H1226511-040600	1/4	6,4	04	9/16-18	06	20,3	14	19
1201497	H1226511-050500	5/16	7,9	05	1/2-20	05	20,3	14	17
1201264	H1226511-050600	5/16	7,9	05	9/16-18	06	20,3	14	19
1203246	H1226511-060400	3/8	9,5	06	7/16-20	04	20,6	17	16
1223146	H1226511-060500	3/8	9,5	06	1/2-20	05	21,3	16	17
1200686	H1226511-060600	3/8	9,5	06	9/16-18	06	21,3	17	19
1200685	H1226511-060800	3/8	9,5	06	3/4-16	08	24,8	19	25
1201340	H1226511-061000	3/8	9,5	06	7/8-14	10	25,8	22	27
1203090	H1226511-080600	1/2	12,7	08	9/16-18	06	23,1	19	19
1200720	H1226511-080800	1/2	12,7	08	3/4-16	08	25,6	19	25
1200721	H1226511-081000	1/2	12,7	08	7/8-14	10	26,6	22	27
1210833	H1226511-081200	1/2	12,7	08	1 1/16-12	12	28,1	25	32
1216811	H1226511-100600	5/8	15,9	10	9/16-18	06	24,1	24	19
1203329	H1226511-100800	5/8	15,9	10	3/4-16	08	26,6	24	25
1201728	H1226511-101000	5/8	15,9	10	7/8-14	10	27,6	24	27
1201464	H1226511-101200	5/8	15,9	10	1 1/16-12	12	28,1	25	32
1202895	H1226511-121000	3/4	19,0	12	7/8-14	10	28,1	27	32
1201333	H1226511-121200	3/4	19,0	12	1 1/16-12	12	28,6	27	32
1214219	H1226511-121400	3/4	19,0	12	1 3/16-12	14	29,9	32	36
1203089	H1226511-121600	3/4	19,0	12	1 5/16-12	16	32,1	32	38
1203243	H1226511-141600	7/8	22,0	14	1 5/16-12	16	32,1	32	38
1203088	H1226511-161200	1	25,4	16	1 1/16-12	12	31,4	32	32
1202408	H1226511-161600	1	25,4	16	1 5/16-12	16	32,9	32	38
1214220	H1226512-162000	1	25,4	16	1 5/8-12	20	37,5	41	50
1216813	H1226512-182000	1 1/8	29,0	18	1 5/8-12	20	37,5	41	50
1216812	H1226511-201600	1 1/4	31,8	20	1 5/16-12	16	37,5	41	38
1202483	H1226512-202000	1 1/4	31,8	20	1 5/8-12	20	39,1	41	50
1226093	H1226512-202400	1 1/4	31,8	20	1 7/8-12	24	43,4	50	55
1216814	H1226512-222400	1 3/8	35,0	22	1 7/8-12	24	43,4	50	55
1216815	H1226512-242400	1 1/2	38,1	24	1 7/8-12	24	43,4	50	55
1214221	H1226512-293200	1 13/16	46,0	29	2 1/2-12	32	49,0	65	70
1216816	H1226512-323200	2	50,8	32	2 1/2-12	32	49,0	65	70

**// H1222541-M**

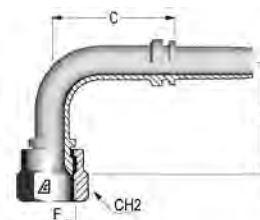
45° JIC Female 37° Seat Medium Drop  
DKJ 45M  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202821	H1222541-03040M	3/16	4,8	03	7/16-20	04	37,1	10	16
1202822	H1222541-04040M	1/4	6,4	04	7/16-20	04	36,6	10	16
1202823	H1222541-04050M	1/4	6,4	04	1/2-20	05	37,2	12	17
1202824	H1222541-04060M	1/4	6,4	04	9/16-18	06	39,4	11	19
1202825	H1222541-05050M	5/16	7,9	05	1/2-20	05	39,8	12	17
1202826	H1222541-05060M	5/16	7,9	05	9/16-18	06	42,8	12	19
1202827	H1222541-06060M	3/8	9,5	06	9/16-18	06	46,3	11	19
1202791	H1222541-06080M	3/8	9,5	06	3/4-16	08	47,2	15	25
1202828	H1222541-08080M	1/2	12,7	08	3/4-16	08	51,6	15	25
1202829	H1222541-08100M	1/2	12,7	08	7/8-14	10	50,7	16	27
1202830	H1222541-08120M	1/2	12,7	08	1 1/16-12	12	57,0	21	32
1202832	H1222541-10100M	5/8	15,9	10	7/8-14	10	62,2	19	27
1202831	H1222541-10120M	5/8	15,9	10	1 1/16-12	12	68,6	21	32
1202833	H1222541-12120M	3/4	19,0	12	1 1/16-12	12	67,5	21	32
1200778	H1222541-121400	3/4	19,0	12	1 3/16-12	14	67,6	23	36
1202834	H1222541-12160M	3/4	19,0	12	1 5/16-12	16	71,4	26	38
1202835	H1222541-16160M	1	25,4	16	1 5/16-12	16	79,4	24	38
1202836	H1222542-16200M	1	25,4	16	1 5/8-12	20	83,8	37	50
1202837	H1222542-20200M	1 1/4	31,8	20	1 5/8-12	20	97,1	37	50
1202839	H1222542-24240M	1 1/2	38,1	24	1 7/8-12	24	112,7	43	55
1202840	H1222542-32320M	2	50,8	32	2 1/2-12	32	159,9	67	70

**// H1222591-S**

90° JIC Female 37° Seat Short Drop  
DKJ 90S  
Solid one piece

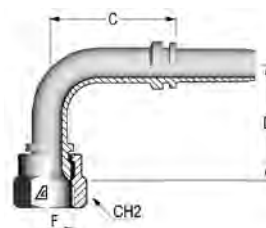


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202841	H1222591-03040S	3/16	4,8	03	7/16-20	04	26,7	21,0	16
1202772	H1222591-04040S	1/4	6,4	04	7/16-20	04	27,0	21,0	16
1203118	H1222591-04050S	1/4	6,4	04	1/2-20	05	26,5	23,5	17
1202788	H1222591-04060S	1/4	6,4	04	9/16-18	06	31,0	23,0	19
1203116	H1222591-05060S	5/16	7,9	05	9/16-18	06	42,7	23,0	19
1216771	H1222591-06050S	3/8	9,5	06	1/2-20	05	33,3	25,0	17
1203032	H1222591-06060S	3/8	9,5	06	9/16-18	06	42,3	23,0	19
1203033	H1222591-06080S	3/8	9,5	06	3/4-16	08	48,8	29,0	25
1216773	H1222591-08060S	1/2	12,7	08	9/16-18	06	48,0	23,0	19
1203034	H1222591-08080S	1/2	12,7	08	3/4-16	08	46,4	29,0	25
1202815	H1222591-08100S	1/2	12,7	08	7/8-14	10	45,8	32,0	27
1202744	H1222591-08120S	1/2	12,7	08	1 1/16-12	12	37,3	46,0	32
1203035	H1222591-1010BS	5/8	15,9	10	7/8-14	10	36,5	32,0	27
1202745	H1222591-10120S	5/8	15,9	10	1 1/16-12	12	47,9	48,0	32
1202845	H1222591-12120S	3/4	19,0	12	1 1/16-12	12	58,2	46,0	32
1200780	H1222591-12140S	3/4	19,0	12	1 3/16-12	14	49,6	52,5	36
1202846	H1222591-12160S	3/4	19,0	12	1 5/16-12	16	53,6	53,0	38
1203036	H1222591-16160S	1	25,4	16	1 5/16-12	16	74,0	56,0	38

Dimensions shown may be changed without prior notice.

**// H1222591-M**

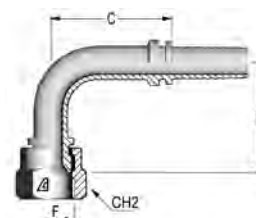
90° JIC Female 37° Seat Medium Drop  
DKJ 90M  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202792	H1222591-03040M	3/16	4,8	03	7/16-20	04	33,5	32,0	16
1202739	H1222591-04040M	1/4	6,4	04	7/16-20	04	34,2	32,0	16
1202740	H1222591-04050M	1/4	6,4	04	1/2-20	05	25,7	30,0	17
1202793	H1222591-04060M	1/4	6,4	04	9/16-18	06	28,5	38,0	19
1202794	H1222591-05050M	5/16	7,9	05	1/2-20	05	34,2	32,0	17
1202731	H1222591-05060M	5/16	7,9	05	9/16-18	06	33,2	35,0	19
1202742	H1222591-06060M	3/8	9,5	06	9/16-18	06	31,3	35,0	19
1202732	H1222591-06080M	3/8	9,5	06	3/4-16	08	39,5	41,0	25
1200693	H1222591-06100M	3/8	9,5	06	7/8-14	10	44,6	47,0	27
1202743	H1222591-08080M	1/2	12,7	08	3/4-16	08	37,2	40,0	25
1202741	H1222591-08100M	1/2	12,7	08	7/8-14	10	43,3	47,0	27
1202869	H1222591-08120M	1/2	12,7	08	1 1/16-12	12	42,8	58,0	32
1202844	H1222591-10100M	5/8	15,9	10	7/8-14	10	49,4	48,0	27
1216778	H1222591-10120M	5/8	15,9	10	1 1/16-12	12	47,9	58,0	32
1203340	H1222591-10160M	5/8	15,9	10	1 5/16-12	16	51,9	71,0	38
1202746	H1222591-12120M	3/4	19,0	12	1 1/16-12	12	52,4	54,0	32
1216780	H1222591-12160M	3/4	19,0	12	1 5/16-12	16	52,6	72,0	38
1202847	H1222591-16160M	1	25,4	16	1 5/16-12	16	72,6	71,5	38
1202848	H1222592-16200M	1	25,4	16	1 5/8-12	20	72,6	78,0	50
1202849	H1222592-20200M	1 1/4	31,8	20	1 5/8-12	20	82,4	78,0	50
1202850	H1222592-20240M	1 1/4	31,8	20	1 7/8-12	24	87,3	82,0	55
1202851	H1222592-24240M	1 1/2	38,1	24	1 7/8-12	24	95,3	92,0	55
1202852	H1222592-32320M	2	50,8	32	2 1/2-12	32	129,5	140,0	70

**// H1222591-L**

90° JIC Female 37° Seat Long Drop  
DKJ 90L  
Solid one piece

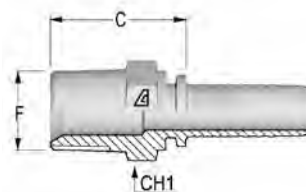


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1203131	H1222591-04040L	1/4	6,4	04	7/16-20	04	30,8	46	16
1214215	H1222591-04050L	1/4	6,4	04	1/2-20	05	31,3	45	17
1202129	H1222591-04060L	1/4	6,4	04	9/16-18	06	34,3	54	19
1203117	H1222591-05060L	5/16	7,9	05	9/16-18	06	36,2	54	19
1203115	H1222591-06060L	3/8	9,5	06	9/16-18	06	43,3	54	19
1202842	H1222591-06080L	3/8	9,5	06	3/4-16	08	46,8	64	25
1214216	H1222591-08080L	1/2	12,7	08	3/4-16	08	49,9	64	25
1202843	H1222591-08100L	1/2	12,7	08	7/8-14	10	37,3	65	27
1203114	H1222591-10100L	5/8	15,9	10	7/8-14	10	49,9	65	27
1203113	H1222591-10120L	5/8	15,9	10	1 1/16-12	12	49,9	96	32
1203112	H1222591-12120L	3/4	19,0	12	1 1/16-12	12	54,1	95	32
1203111	H1222591-16160L	1	25,4	16	1 5/16-12	16	78,6	114	38

# // NPTF INSERTS

## // H1212810

NPTF Male 60° Seat AGN

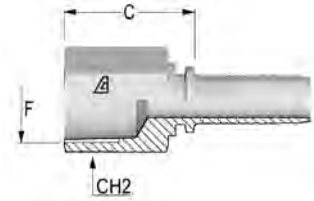


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200448	H1212810-030200	3/16	4,8	03	1/8-27	02	20,8	12
1200447	H1212810-030400	3/16	4,8	03	1/4-18	04	25,3	15
1200466	H1212810-040200	1/4	6,4	04	1/8-27	02	21,3	14
1200465	H1212810-040400	1/4	6,4	04	1/4-18	04	26,8	17
1200467	H1212810-040600	1/4	6,4	04	3/8-18	06	27,8	19
1203150	H1212810-040800	1/4	6,4	04	1/2-14	08	31,3	22
1200511	H1212810-050400	5/16	7,9	05	1/4-18	04	26,8	17
1200512	H1212810-050600	5/16	7,9	05	3/8-18	06	27,8	19
1200307	H1212810-060400	3/8	9,5	06	1/4-18	04	26,8	17
1200308	H1212810-060600	3/8	9,5	06	3/8-18	06	27,8	19
1200306	H1212810-060800	3/8	9,5	06	1/2-14	08	31,3	22
1200345	H1212810-080600	1/2	12,7	08	3/8-18	06	28,6	19
1200343	H1212810-080800	1/2	12,7	08	1/2-14	08	32,1	22
1200344	H1212810-081200	1/2	12,7	08	3/4-14	12	34,1	27
1200387	H1212810-100800	5/8	15,9	10	1/2-14	08	33,1	24
1200388	H1212810-101200	5/8	15,9	10	3/4-14	12	34,1	27
1203149	H1212810-120800	3/4	19,0	12	1/2-14	08	33,6	27
1200421	H1212810-121200	3/4	19,0	12	3/4-14	12	34,6	27
1200420	H1212810-121600	3/4	19,0	12	1-11 1/2	16	43,6	36
1216610	H1212810-141600	7/8	22,0	14	1-11 1/2	16	43,6	36
1202282	H1212810-161200	1	25,4	16	3/4-14	12	39,4	36
1201366	H1212810-161600	1	25,4	16	1-11 1/2	16	44,4	36
1201367	H1212810-162000	1	25,4	16	1 1/4-11 1/2	20	47,4	46
1216611	H1212810-182000	1 1/8	29	18	1 1/4-11 1/2	20	47,4	46
1201368	H1212810-202000	1 1/4	31,8	20	1 1/4-11 1/2	20	49,0	46
1203148	H1212810-202400	1 1/4	31,8	20	1 1/2-11 1/2	24	50,5	50
1216612	H1212810-222400	1 3/8	35,0	22	1 1/2-11 1/2	24	50,5	50
1201369	H1212810-242400	1 1/2	38,1	24	1 1/2-11 1/2	24	50,5	50
1202539	H1212810-243200	1 1/2	38,1	24	2-11 1/2	32	54,2	65
1216613	H1212810-293200	1 13/16	46,0	29	2-11 1/2	32	54,2	65
1201370	H1212810-323200	2	50,8	32	2-11 1/2	32	54,2	65

Dimensions shown may be changed without prior notice.

**// H1222810**

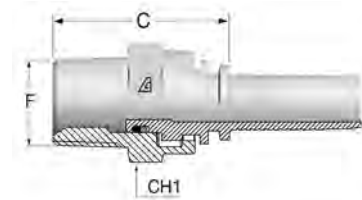
NPTF Solid Female



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1216794	H1222810-040200	1/4	6,4	04	1/8-27	02	22,3	14
1200464	H1222810-040400	1/4	6,4	04	1/4-18	04	27,8	19
1219145	H1222810-060600	3/8	9,5	06	3/8-18	06	28,8	22
1216795	H1222810-080800	1/2	12,7	08	1/2-14	08	35,6	25
1216796	H1222810-121200	3/4	19,0	12	3/4-14	12	38,1	32
1216797	H1222810-161600	1	25,4	16	1-11 1/2	16	44,9	38

**// H1212811**

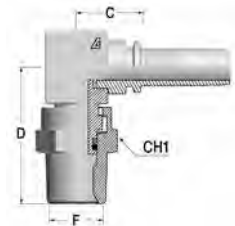
NPTF Male Swivel 60° Seat



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1216614	H1212811-040400	1/4	6,4	04	1/4-18	04	37,6	17
1216615	H1212811-040600	1/4	6,4	04	3/8-18	06	39,5	22
1216616	H1212811-060400	3/8	9,5	06	1/4-18	04	39,6	17
1214186	H1212811-060600	3/8	9,5	06	3/8-18	06	37,5	22
1216617	H1212811-060800	3/8	9,5	06	1/2-14	08	43,5	25
1216619	H1212811-080600	1/2	12,7	08	3/8-18	06	38,3	22
1214187	H1212811-080800	1/2	12,7	08	1/2-14	08	42,3	25
1216620	H1212811-121200	3/4	19,0	12	3/4-14	12	50,1	32
1216621	H1212811-161600	1	25,4	16	1-11 1/2	16	57,9	41

**// H1212881**

90° Compact NPTF Male Swivel 60° Seat

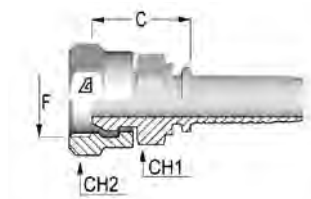


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH1 mm
1225918	H1212881-040400	1/4	6,4	04	1/4-18	04	17	39	17
1225920	H1212881-060600	3/8	9,5	06	3/8-18	06	20	41	22
1225921	H1212881-080800	1/2	12,7	08	1/2-14	08	23	48	25
1225922	H1212881-121200	3/4	19,0	12	3/4-14	12	27	61	32

## // NPSM INSERTS

### // H1227311

NPSM Female



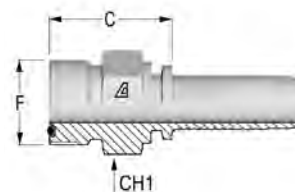
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1203280	H1227311-040400	1/4	6,4	04	1/4-18	04	24,3	17	19
1216834	H1227311-060600	3/8	9,5	06	3/8-18	06	24,8	19	22
1202084	H1227311-080800	1/2	12,7	08	1/2-14	08	26,6	22	27
1216835	H1227311-121200	3/4	19,0	12	3/4-14	12	28,6	30	32
1216836	H1227311-161600	1	25,4	16	1-11 1/2	16	35,4	36	38

Dimensions shown may be changed without prior notice.

## // ORFS INSERTS

### // H1212410

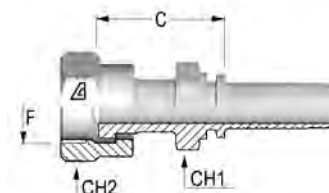
ORFS Male



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	C CUT-OFF Factor	CH1 mm
1202488	H1212410-040400	1/4	6,4	04	9/16-18	22,3	17
1202489	H1212410-040600	1/4	6,4	04	11/16-16	24,3	19
1214185	H1212410-050600	5/16	7,9	05	11/16-16	24,3	19
1202490	H1212410-060600	3/8	9,5	06	11/16-16	24,3	19
1202491	H1212410-060800	3/8	9,5	06	13/16-16	26,3	22
1202055	H1212410-061000	3/8	7,9	06	1-14	29,8	27
1202492	H1212410-080800	1/2	12,7	08	13/16-16	27,1	22
1202054	H1212410-081000	1/2	12,7	08	1-14	30,6	27
1202493	H1212410-081200	1/2	12,7	08	1 3/16-12	34,1	32
1202892	H1212410-101000	5/8	15,9	10	1-14	30,6	27
1202494	H1212410-101200	5/8	15,9	10	1 3/16-12	34,1	32
1202495	H1212410-121000	3/4	19,0	12	1-14	31,1	27
1202496	H1212410-121200	3/4	19,0	12	1 3/16-12	34,6	32
1202497	H1212410-121600	3/4	19,0	12	1 7/16-12	38,1	41
1202498	H1212410-161600	1	25,4	16	1 7/16-12	37,9	38
1202499	H1212410-162000	1	25,4	16	1 11/16-12	39,9	46
1202500	H1212410-202000	1 1/4	31,8	20	1 11/16-12	41,5	46

**// H1222411**

**ORFS Female with Stem Hexagon**

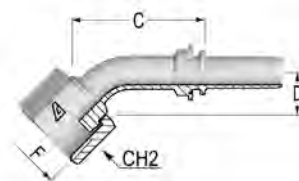


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1203220	H1222411-030400	3/16	4,8	03	9/16-18	04	26,8	14	17
1201586	H1222411-040400	1/4	6,4	04	9/16-18	04	27,3	14	17
1201855	H1222411-040600	1/4	6,4	04	11/16-16	06	30,3	17	22
1203143	H1222411-040800	1/4	6,4	04	13/16-16	08	35,3	22	24
1201741	H1222411-050600	5/16	7,9	05	11/16-16	06	30,3	17	22
1203237	H1222411-060400	3/8	9,5	06	9/16-18	04	28,3	17	17
1202369	H1222411-060600	3/8	9,5	06	11/16-16	06	30,3	17	22
1201339	H1222411-060800	3/8	9,5	06	13/16-16	08	35,3	22	24
1202563	H1222411-080600	1/2	12,7	08	11/16-16	06	32,1	19	22
1201338	H1222411-080800	1/2	12,7	08	13/16-16	08	36,1	22	24
1202052	H1222411-081000	1/2	12,7	08	1-14	10	39,6	24	30
1203053	H1222411-081200	1/2	12,7	08	1 3/16-12	12	42,1	30	36
1203061	H1222411-100800	5/8	15,9	10	13/16-16	08	37,1	24	24
1202612	H1222411-101000	5/8	15,9	10	1-14	10	39,6	24	30
1201815	H1222411-101200	5/8	15,9	10	1 3/16-12	12	42,1	30	36
1201782	H1222411-121000	3/4	19,0	12	1-14	10	40,1	27	30
1202560	H1222411-121200	3/4	19,0	12	1 3/16-12	12	42,6	30	36
1202053	H1222411-121600	3/4	19,0	12	1 7/16-12	16	48,6	36	41
1216717	H1222411-141600	7/8	22,0	14	1 7/16-12	16	48,6	36	41
1203142	H1222411-161200	1	25,4	16	1 3/16-12	12	45,4	32	36
1201446	H1222411-161600	1	25,4	16	1 7/16-12	16	49,4	36	41
1203056	H1222411-162000	1	25,4	16	1 11/16-12	20	50,4	41	50
1201447	H1222411-202000	1 1/4	31,8	20	1 11/16-12	20	52,0	41	50
1226017	H1222411-202400	1 1/4	31,8	20	2-12	24	56,5	50	60
1202046	H1222411-242400	1 1/2	38,1	24	2-12	24	56,5	50	60

Dimensions shown may be changed without prior notice.

**// H1222443-M**

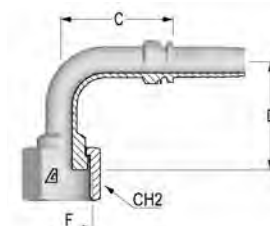
45° ORFS Female Medium Drop  
DK ORFS 45M  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202774	H1222443-04040M	1/4	6,4	04	9/16-18	04	41,1	11	17
1202775	H1222443-04060M	1/4	6,4	04	11/16-16	06	46,1	11	22
1202871	H1222443-05060M	5/16	7,9	05	11/16-16	06	46,3	12	22
1202776	H1222443-06060M	3/8	9,5	06	11/16-16	06	47,4	12	22
1202777	H1222443-06080M	3/8	9,5	06	13/16-16	08	51,2	15	24
1202854	H1222441-08080M	1/2	12,7	08	13/16-16	08	47,1	16	24
1202771	H1222443-08100M	1/2	12,7	08	1-14	10	50,4	16,5	30
1202819	H1222443-10100M	5/8	15,9	10	1-14	10	57,7	17	30
1202853	H1222443-10120M	5/8	15,9	10	1 3/16-12	12	63,1	21	36
1203060	H1222441-12100M	3/4	19,0	12	1-14	10	51,4	24	30
1202872	H1222443-12120M	3/4	19,0	12	1 3/16-12	12	63,5	21	36
1202915	H1222443-12160M	3/4	19,0	12	1 7/16-12	16	70,7	24	41
1202797	H1222443-16160M	1	25,4	16	1 7/16-12	16	82,4	26	41
1203141	H1222443-16200M	1	25,4	16	1 11/16-12	20	85,4	26	50
1202873	H1222443-20200M	1 1/4	31,8	20	1 11/16-12	20	97,4	26	50
1203140	H1222443-20240M	1 1/4	31,8	20	2-12	24	101,1	28	60
1202874	H1222443-24240M	1 1/2	38,1	24	2-12	24	104,4	28	60

**// H1222493-S**

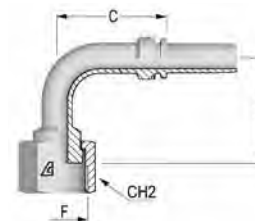
90° ORFS Female Short Drop  
DK ORFS 90S  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202778	H1222493-04040S	1/4	6,4	04	9/16-18	04	28,5	21	17
1202856	H1222493-04060S	1/4	6,4	04	11/16-16	06	32,0	23	22
1202857	H1222493-05060S	5/16	7,9	05	11/16-16	06	49,3	26	22
1202858	H1222493-06060S	3/8	9,5	06	11/16-16	06	41,8	25	22
1202859	H1222493-06080S	3/8	9,5	06	13/16-16	08	41,8	29	24
1203392	H1222491-08060S	1/2	9,5	08	11/16-16	06	44,1	25	22
1202855	H1222491-08080S	1/2	12,7	08	13/16-16	08	39,8	29	24
1203054	H1222493-08100S	1/2	12,7	08	1-14	10	46,3	32,5	30
1203334	H1222493-08120S	1/2	12,7	08	1 3/16-12	12	56,3	51	36
1202860	H1222493-10100S	5/8	15,9	10	1-14	10	52,3	32,5	30
1202861	H1222493-10120S	5/8	15,9	10	1 3/16-12	12	55,4	49	36
1202862	H1222493-12120S	3/4	19,0	12	1 3/16-12	12	60,6	51	36
1203055	H1222493-12160S	3/4	19,0	12	1 7/16-12	16	61,6	56	41
1203209	H1222491-16120S	1	25,4	16	1 3/16-12	12	54,6	51	36
1202863	H1222493-16160S	1	25,4	16	1 7/16-12	16	80,0	58	41
1203135	H1222493-16200S	1	25,4	16	1 11/16-12	20	82,6	64	50
1203133	H1222493-20200S	1 1/4	31,8	20	1 11/16-12	20	95,0	68	50
1214211	H1222493-20240S	1 1/4	31,8	20	2-12	24	102,0	69	60
1214213	H1222493-24240S	1 1/2	38,1	24	2-12	24	103,7	78	60

**// H1222493-M**

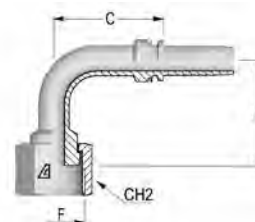
90° ORFS Female Medium Drop  
 DK ORFS 90M  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202875	H1222493-04040M	1/4	6,4	04	9/16-18	04	29,8	32	17
1202715	H1222493-04060M	1/4	6,4	04	11/16-16	06	37,3	38	22
1202779	H1222493-05060M	5/16	7,9	05	11/16-16	06	40,7	34	22
1202780	H1222493-06060M	3/8	9,5	06	11/16-16	06	41,8	38	22
1202716	H1222493-06080M	3/8	9,5	06	13/16-16	08	43,8	41	24
1202781	H1222491-08080M	1/2	12,7	08	13/16-16	08	34,8	42	24
1202770	H1222493-08100M	1/2	12,7	08	1-14	10	48,3	47	30
1202782	H1222493-10100M	5/8	15,9	10	1-14	10	55,4	44	30
1203137	H1222493-10120M	5/8	15,9	10	1 3/16-12	12	55,4	58	36
1202783	H1222493-12120M	3/4	19,0	12	1 3/16-12	12	61,6	58	36
1202916	H1222493-12160M	3/4	19,0	12	1 7/16-12	16	65,6	71	41
1216748	H1222491-16120M	1	25,4	16	1 3/16-12	12	62,6	58	36
1202717	H1222493-16160M	1	25,4	16	1 7/16-12	16	82,6	66	41
1203069	H1222493-16200M	1	25,4	16	1 11/16-12	20	82,6	78	50
1202876	H1222493-20200M	1 1/4	31,8	20	1 11/16-12	20	97,0	78	50
1203132	H1222493-20240M	1 1/4	31,8	20	2-12	24	102,0	84	60
1202877	H1222493-24240M	1 1/2	38,1	24	2-12	24	107,8	87	60

**// H1222493-L**

90° ORFS Female Long Drop DK ORFS 90L  
 Solid one piece



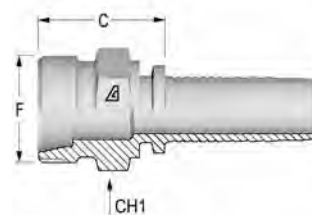
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1210841	H1222493-04040L	1/4	6,4	04	9/16-18	04	32,8	46	17
1203139	H1222493-04060L	1/4	6,4	04	11/16-16	06	34,8	54	22
1203138	H1222493-06060L	3/8	9,5	06	11/16-16	06	41,8	54	22
1203057	H1222493-06080L	3/8	9,5	06	13/16-16	08	46,8	64	24
1202922	H1222491-08080L	1/2	12,7	08	13/16-16	08	38,3	64	24
1214208	H1222493-08100L	1/2	12,7	08	1-14	10	46,3	70	30
1202918	H1222493-10100L	5/8	15,9	10	1-14	10	55,4	70	30
1202919	H1222493-10120L	5/8	15,9	10	1 3/16-12	12	55,4	96	36
1202920	H1222493-12120L	3/4	19,0	12	1 3/16-12	12	61,6	96	36
1202921	H1222493-12160L	3/4	19,0	12	1 7/16-12	16	61,6	118	41
1203136	H1222493-16160L	1	25,4	16	1 7/16-12	16	82,6	114	41
1203134	H1222493-20200L	1 1/4	31,8	20	1 11/16-12	20	97,0	129	50
1214210	H1222493-20240L	1 1/4	31,8	20	2-12	24	102,0	141	60
1214212	H1222493-24240L	1 1/2	38,1	24	2-12	24	110,8	141	60

Dimensions shown may be changed without prior notice.

## // FRENCH INSERTS

### // H1211810

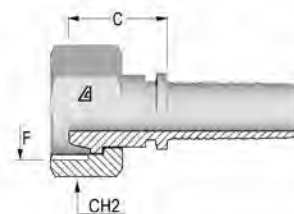
Metric Male  
French Type



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH1 mm
1200522	H1211810-052000	5/16	7,9	05	M20x1,5	14	17,0	22
1200317	H1211810-062000	3/8	9,5	06	M20x1,5	14	25,3	22
1200361	H1211810-082400	1/2	12,7	08	M24x1,5	16	27,1	24
1200404	H1211810-103000	5/8	15,9	10	M30x1,5	22	31,1	30
1200435	H1211810-123600	3/4	19,0	12	M36x1,5	26	33,6	36

### // H1221813

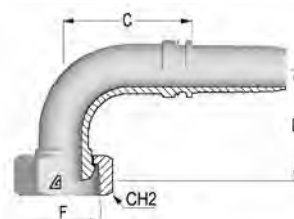
Metric Female  
French Type



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH2 mm
1200651	H1221813-052000	5/16	7,9	05	M20x1,5	14	23,8	24
1200681	H1221813-062000	3/8	9,5	06	M20x1,5	14	23,8	24
1200717	H1221813-082400	1/2	12,7	08	M24x1,5	16	26,8	30
1200744	H1221813-103000	5/8	15,9	10	M30x1,5	22	26,6	36
1200770	H1221813-123600	3/4	19,0	12	M36x1,5	26	27,0	42

### // H1221893

90° Metric Female  
French type

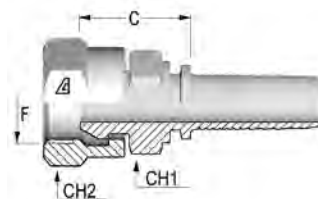


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1200654	H1221893-052000	5/16	7,9	05	M20x1,5	14	32,5	36,5	24
1200683	H1221893-062000	3/8	9,5	06	M20x1,5	14	36,7	44,0	24
1200719	H1221893-082400	1/2	12,7	08	M24x1,5	16	39,5	46,0	30
1203156	H1221893-103000	5/8	15,9	10	M30x1,5	22	43,0	49,0	36
1200773	H1221893-123600	3/4	19,0	12	M36x1,5	26	46,6	48,5	42

## // JIS INSERTS

### // H1223711

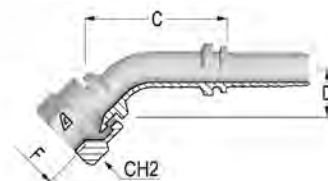
JIS Female 60° Cone B 8363 (type C)



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1203110	H1223711-040400	1/4	6,4	04	1/4-19	04	24,3	17	19
1226067	H1223711-040600	1/4	6,4	04	3/8-19	06	25,5	19	22
1203109	H1223711-060600	3/8	9,5	06	3/8-19	06	25,5	19	22
1226068	H1223711-060800	3/8	9,5	06	1/2-14	08	25,3	22	27
1203108	H1223711-080800	1/2	12,7	08	1/2-14	08	26,1	22	27
1226069	H1223711-100800	5/8	15,9	10	1/2-14	08	27,1	24	27
1226549	H1223711-101200	5/8	15,9	10	3/4-14	12	29,6	30	36
1203107	H1223711-121200	3/4	19,0	12	3/4-14	12	30,1	30	36
1214218	H1223711-161600	1	25,4	16	1-11	16	34,9	36	41

### // H1223741

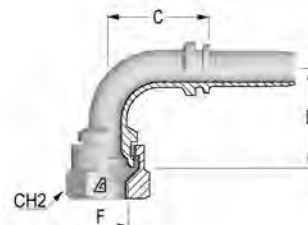
45° JIS Female 60° Cone B 8363 (type C)



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1216798	H1223741-040400	1/4	6,4	04	1/4-19	04	24,3	19	19
1216799	H1223741-060600	3/8	10,0	06	3/8-19	06	26,5	21	22
1216800	H1223741-080800	1/2	12,7	08	1/2-14	08	27	22	27
1216801	H1223741-121200	3/4	19,0	12	3/4-14	12	19,9	25	36

### // H1223791

90° JIS Female 60° Cone B 8363 (type C)

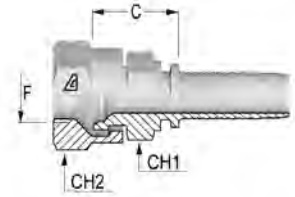


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1216803	H1223791-040400	1/4	6,4	04	1/4-19	04	25,3	33	19
1216805	H1223791-060600	3/8	10,0	06	3/8-19	06	32,3	36,5	22
1216806	H1223791-080800	1/2	12,7	08	1/2-14	08	37,3	38,5	27
1216807	H1223791-121200	3/4	19,0	12	3/4-14	12	51,6	52	36
1230669	H1223791-161600	1	25,4	16	1-11	16	71,1	71	41

Dimensions shown may be changed without prior notice.

**// H122381Z**

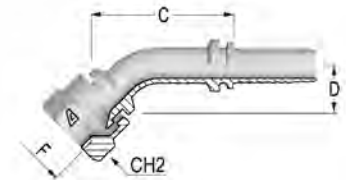
JIS Female 60° Seat Flare B 8363 (type F)



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1202947	H122381Z-040400	1/4	6,4	04	1/4-19	04	20,8	17	19
1202879	H122381Z-060600	3/8	9,5	06	3/8-19	06	21,8	19	22
1202878	H122381Z-080800	1/2	12,7	08	1/2-14	08	23,6	22	27
1203106	H122381Z-121200	3/4	19,0	12	3/4-14	12	27,1	30	36
1203105	H122381Z-161600	1	25,4	16	1-11	16	32,9	36	41
1201585	H1223812-202000	1 1/4	31,8	20	1 1/4-11	20	39,5	46	50
1201677	H1223812-242400	1 1/2	38,1	24	1 1/2-11	24	41,5	50	55

**// H122384Z**

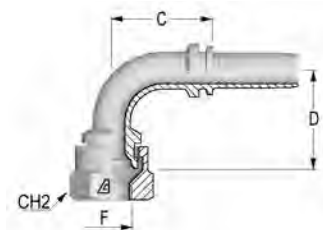
45° JIS Female 60° Seat Flare B 8363 (type F)



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1203104	H122384Z-040400	1/4	6,4	04	1/4-19	04	42,5	15,0	19
1203103	H122384Z-060600	3/8	9,5	06	3/8-19	06	50,6	16,5	22
1203102	H122384Z-080800	1/2	12,7	08	1/2-14	08	54,8	18,0	27
1203101	H122384Z-121200	3/4	19,0	12	3/4-14	12	72,5	22,0	36
1203100	H122384Z-161600	1	25,4	16	1-11	16	82,0	29,0	41

**// H122389Z**

90° JIS Female 60° Seat Flare B 8363 (type F)

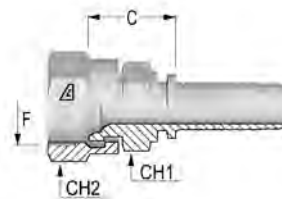


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1203095	H122389Z-040400	1/4	6,4	04	1/4-19	04	27,3	29,5	19
1203094	H122389Z-060600	3/8	9,5	06	3/8-19	06	31,3	33,0	22
1203093	H122389Z-080800	1/2	12,7	08	1/2-14	08	37,3	36,5	27
1203092	H122389Z-121200	3/4	19,0	12	3/4-14	12	46,1	52,0	36
1203091	H122389Z-161600	1	25,4	16	1-11	16	77,1	64,5	41

## // KOMATSU INSERTS

### // H1224011

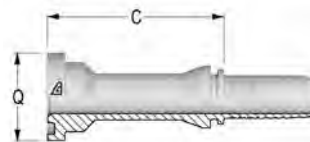
Komatsu Female



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	C CUT-OFF Factor	CH1 mm	CH2 mm
1200502	H1224011-041400	1/4	6,4	04	M14x1,5	20,8	17	19
1216808	H1224011-061400	3/8	9,5	06	M14x1,5	20,8	17	19
1200334	H1224011-061800	3/8	9,5	06	M18x1,5	21,8	19	22
1202688	H1224011-082200	1/2	12,7	08	M22x1,5	23,6	22	27
1200414	H1224011-102400	5/8	15,9	10	M24x1,5	27,1	30	32
1200444	H1224011-123000	3/4	19,0	12	M30x1,5	27,6	30	36
1201720	H1224011-163300	1	25,4	16	M33x1,5	35,7	36	41
1201721	H1224011-203600	1 1/4	31,8	20	M36x1,5	43,5	46	46
1202032	H1224011-244200	1 1/2	38,1	24	M42x1,5	44,0	55	55

### // H1244110

Komatsu Flange

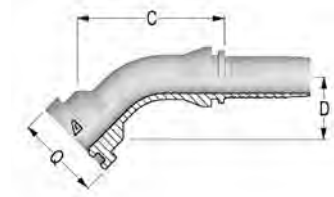


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Q mm	C CUT-OFF Factor
1201625	H1244110-101000	5/8	15,9	10	5/8	34	46,7

Dimensions shown may be changed without prior notice.

**// H1244140**

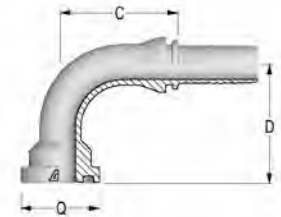
45° Komatsu Flange  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Q mm	C CUT-OFF Factor	D DROP mm
1202066	H1244140-101000	5/8	15,9	10	5/8	34	49,1	25

**// H1244190**

90° Komatsu Flange  
Solid one piece

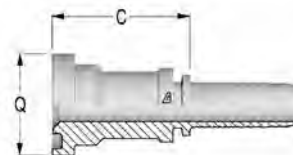


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Q mm	C CUT-OFF Factor	D DROP mm
1202067	H1244190-101000	5/8	15,9	10	34	51	51

## // SAE FLANGES

### // H1243310

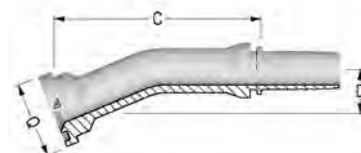
Flange SAE 3000 PSI J518 Code 61 SFL



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor
1202747	H1243310-080800	1/2	12,7	08	1/2	5000	30,2	41,0
1202763	H1243310-081200	1/2	12,7	08	3/4	5000	38,1	42,0
1202801	H1243310-101200	5/8	15,9	10	3/4	5000	38,1	42,2
1201734	H1243310-121200	3/4	19,0	12	3/4	5000	38,1	42,5
1202750	H1243310-121600	3/4	19,0	12	1	5000	44,5	50,5
1201408	H1243310-161600	1	25,4	16	1	5000	44,5	51,4
1201409	H1243310-162000	1	25,4	16	1 1/4	4000	50,8	53,9
1216849	H1243310-162400	1	25,4	16	1 1/2	3000	60,3	56,9
1221654	H1243310-201600	1 1/4	31,8	20	1	5000	44,5	53,0
1201410	H1243310-202000	1 1/4	31,8	20	1 1/4	4000	50,8	55,5
1201411	H1243310-202400	1 1/4	31,8	20	1 1/2	3000	60,3	58,5
1201412	H1243310-242400	1 1/2	38,1	24	1 1/2	3000	60,3	58,5
1201413	H1243310-243200	1 1/2	38,1	24	2	3000	71,4	70,0
1221662	H1243310-322400	2	50,8	32	1 1/2	3000	60,3	66,0
1201414	H1243310-323200	2	50,8	32	2	3000	71,4	70,0
1202074	H1243310-324000	2	50,8	32	2 1/2	2500	81,1	83,0
1226113	H1243310-403200	2 1/2	63,5	40	2	3000	71,4	86,5
1203063	H1243310-404000	2 1/2	63,5	40	2 1/2	2500	84,1	86,5

### // H1243320

22° Flange SAE 3000 PSI J518 Code 61 SFL 22  
Solid one piece

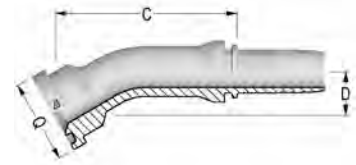


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1216854	H1243320-161600	1	25,4	16	1	5000	44,5	92,7	12,0
1216856	H1243320-202000	1 1/4	31,8	20	1 1/4	4000	50,8	113,6	16,0
1216857	H1243320-202400	1 1/4	31,8	20	1 1/2	3000	60,3	114,7	20,5
1216858	H1243320-242400	1 1/2	38,1	24	1 1/2	3000	60,3	131,0	22,0
1216859	H1243320-323200	2	50,8	32	2	3000	71,4	153,0	30,0

Dimensions shown may be changed without prior notice.

**// H1243330**

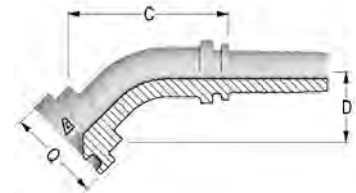
30° Flange SAE 3000 PSI J518 Code 61 SFL 30  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1216861	H1243330-121200	3/4	19,0	12	3/4	5000	38,1	80,8	12,0
1216862	H1243330-121600	3/4	19,0	12	1	5000	44,5	83,8	12,0
1216863	H1243330-161600	1	25,4	16	1	5000	44,5	89,8	12,0
1216864	H1243330-162000	1	25,4	16	1 1/4	4000	50,8	90,0	12,0
1216865	H1243330-162400	1	25,4	16	1 1/2	3000	60,3	104,8	12,0
1216866	H1243330-202000	1 1/4	31,8	20	1 1/4	4000	50,8	102,4	12,0
1216867	H1243330-202400	1 1/4	31,8	20	1 1/2	3000	60,3	111,9	13,0
1216868	H1243330-242400	1 1/2	38,1	24	1 1/2	3000	60,3	128,6	23,0
1216869	H1243330-243200	1 1/2	38,1	24	2	3000	71,4	147,0	29,5

**// H1243340**

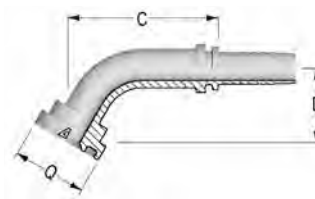
45° Flange SAE 3000 PSI J518 Code 61 SFL 45  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1202748	H1243340-080800	1/2	12,7	08	1/2	5000	30,2	52,9	22,0
1202751	H1243340-081200	1/2	12,7	08	3/4	5000	38,1	60,3	26,0
1202804	H1243340-101200	5/8	15,9	10	3/4	5000	38,1	65,0	26,0
1202678	H1243340-121200	3/4	19,0	12	3/4	5000	38,1	73,7	32,0
1202752	H1243340-121600	3/4	19,0	12	1	5000	44,5	77,9	29,0
1214223	H1243340-122000	3/4	19,0	12	1 1/4	5000	50,8	81,5	30,0
1202681	H1243340-161600	1	25,4	16	1	5000	44,5	82,7	33,5
1201845	H1243340-162000	1	25,4	16	1 1/4	4000	50,8	82,2	36,0
1216872	H1243340-201600	1 1/4	31,8	20	1	5000	44,5	114,6	35,1
1201848	H1243340-202000	1 1/4	31,8	20	1 1/4	4000	50,8	95,1	37,5
1202677	H1243340-202400	1 1/4	31,8	20	1 1/2	3000	60,3	104,1	40,0
1216873	H1243340-242000	1 1/2	38,1	24	1 1/4	4000	50,8	144,9	49,5
1202753	H1243340-242400	1 1/2	38,1	24	1 1/2	3000	60,3	116,7	48,0
1202754	H1243340-243200	1 1/2	38,1	24	2	3000	71,4	135,6	55,5
1201982	H1243340-323200	2	50,8	32	2	3000	71,4	140,8	47,5
1216874	H1243340-4040SL	2 1/2	63,5	40	2 1/2	2500	84,1	139,0	115,0

**// H1243360**

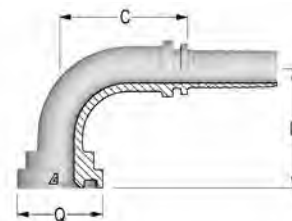
60° Flange SAE 3000 PSI J518 Code 61 SFL 60  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1216877	H1243360-080800	1/2	12,7	08	1/2	5000	30,2	62,8	30,0
1216878	H1243360-121200	3/4	19,0	12	3/4	5000	38,1	85,7	37,0
1216879	H1243360-121600	3/4	19,0	12	1	5000	44,5	102,0	44,0
1216880	H1243360-161600	1	25,4	16	1	5000	44,5	101,0	47,0
1216881	H1243360-162000	1	25,4	16	1 1/4	4000	50,8	99,6	43,5
1216882	H1243360-202000	1 1/4	31,8	20	1 1/4	4000	50,8	129,5	56,5
1202882	H1243360-242400	1 1/2	38,1	24	1 1/2	3000	60,3	151,5	57,0
1226573	H1243360-243200	1 1/2	38,1	24	2	3000	71,4	165,5	77,5
1216884	H1243360-323200	2	50,8	32	2	3000	71,4	173,0	92,0

**// H1243390**

90° Flange SAE 3000 PSI J518 Code 61 SFL 90  
Solid one piece

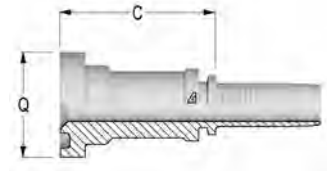


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1202749	H1243390-080800	1/2	12,7	08	1/2	5000	30,2	45,8	42,0
1202755	H1243390-081200	1/2	12,7	08	3/4	5000	38,1	45,3	51,0
1216886	H1243390-081600	1/2	12,7	08	1	5000	44,5	59,9	63,0
1202805	H1243390-101200	5/8	15,9	10	3/4	5000	38,1	49,4	51,0
1202679	H1243390-121200	3/4	19,0	12	3/4	5000	38,1	59,7	58,0
1202756	H1243390-121600	3/4	19,0	12	1	5000	44,5	66,2	64,5
1202883	H1243390-122000	3/4	19,0	12	1 1/4	4000	50,8	69,7	60,0
1202680	H1243390-161600	1	25,4	16	1	5000	44,5	70,6	67,0
1201846	H1243390-162000	1	25,4	16	1 1/4	4000	50,8	73,6	71,0
1216894	H1243390-162400	1	25,4	16	1 1/2	3000	60,3	93,1	75,0
1202884	H1243390-201600	1 1/4	31,8	20	1	5000	44,5	94,4	65,0
1201847	H1243390-202000	1 1/4	31,8	20	1 1/4	4000	50,8	88,0	84,0
1202676	H1243390-202400	1 1/4	31,8	20	1 1/2	3000	60,3	91,5	87,5
1202806	H1243390-242000	1 1/2	38,1	24	1 1/4	4000	50,8	93,6	93,0
1202757	H1243390-242400	1 1/2	38,1	24	1 1/2	3000	60,3	104,8	91,0
1202758	H1243390-243200	1 1/2	38,1	24	2	3000	71,4	104,8	115,0
1216898	H1243390-322400	2	50,8	32	1 1/2	3000	60,3	132,8	133,0
1201983	H1243390-323200	2	50,8	32	2	3000	71,4	129,3	130,0
1203169	H1243390-3240S0	2	50,8	32	2 1/2	2500	84,1	103,0	100,0
1216900	H1243390-4032S0	2 1/2	63,5	40	2	3000	71,4	106,2	160,0
1203364	H1243390-4040SL	2 1/2	63,5	40	2 1/2	2500	84,1	137,2	125,0

Dimensions shown may be changed without prior notice.

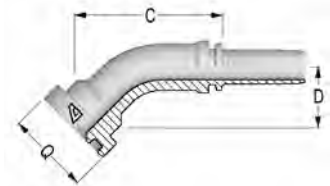
**// H1243610**

Flange SAE 6000 PSI J518 Code 62 SFS



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor
1202511	H1243610-080800	1/2	12,7	08	1/2	6000	31,8	47,0
1202759	H1243610-081200	1/2	12,7	08	3/4	6000	41,3	52,0
1202807	H1243610-101200	5/8	15,9	10	3/4	6000	41,3	52,2
1226137	H1243610-101600	5/8	15,9	10	1	6000	47,6	55,7
1202733	H1243610-121200	3/4	19,0	12	3/4	6000	41,3	52,5
1202760	H1243610-121600	3/4	19,0	12	1	6000	47,6	55,5
1216908	H1243610-161200	1	25,4	16	3/4	6000	41,3	56,4
1201415	H1243610-161600	1	25,4	16	1	6000	47,6	56,4
1201416	H1243610-162000	1	25,4	16	1 1/4	6000	54,0	63,4
1201417	H1243610-202000	1 1/4	31,8	20	1 1/4	6000	54,0	83,0
1201418	H1243610-202400	1 1/4	31,8	20	1 1/2	6000	63,5	71,0
1216909	H1243610-242000	1 1/2	38,1	24	1 1/4	6000	54,0	95,0
1201419	H1243610-242400	1 1/2	38,1	24	1 1/2	6000	63,5	101,0
1201420	H1243610-243200	1 1/2	38,1	24	2	6000	79,4	76,0
1201421	H1243610-323200	2	50,8	32	2	6000	79,4	76,0

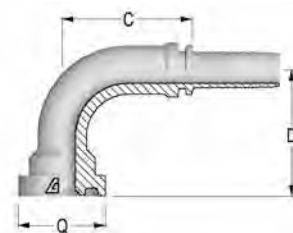
**// H1243640**

 45° Flange SAE 6000 PSI J518 Code 62 SFS 45  
 Solid one piece


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1201729	H1243640-080800	1/2	12,7	08	1/2	6000	31,8	56,5	23,0
1202764	H1243640-081200	1/2	12,7	08	3/4	6000	41,3	79,9	30,5
1216910	H1243640-101200	5/8	15,9	10	3/4	6000	41,3	69,0	31,0
1202082	H1243640-121200	3/4	19,0	12	3/4	6000	41,3	84,1	31,0
1202083	H1243640-121600	3/4	19,0	12	1	6000	47,6	80,0	33,5
1201794	H1243640-161600	1	25,4	16	1	6000	47,6	96,7	36,0
1202091	H1243640-162000	1	25,4	16	1 1/4	6000	54	96,1	39,0
1216911	H1243640-201600	1 1/4	31,8	20	1	6000	47,6	114,0	35,0
1202761	H1243640-202000	1 1/4	31,8	20	1 1/4	6000	54	108,6	40,0
1202452	H1243640-202400	1 1/4	31,8	20	1 1/2	6000	63,5	114,8	45,5
1202453	H1243640-242400	1 1/2	38,1	24	1 1/2	6000	63,5	122,9	45,0
1202765	H1243640-243200	1 1/2	38,1	24	2	6000	79,4	133,3	57,5
1202734	H1243640-323200	2	50,8	32	2	6000	79,4	156,6	60,0

**// H1243690**

90° Flange SAE 6000 PSI J518 Code 62 SFS 90  
Solid one piece

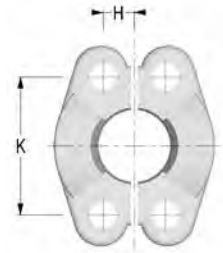


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	Max WP psi	Q mm	C CUT-OFF Factor	D DROP mm
1202257	H1243690-080800	1/2	12,7	08	1/2	6000	31,8	47,8	46
1202766	H1243690-081200	1/2	12,7	08	3/4	6000	41,3	47,8	54
1202808	H1243690-100800	5/8	15,9	10	1/2	6000	31,8	50,4	52
1202814	H1243690-101200	5/8	15,9	10	3/4	6000	41,3	49,9	55
1226603	H1243690-101600	5/8	15,9	10	1	6000	47,6	51,4	75
1202075	H1243690-121200	3/4	19,0	12	3/4	6000	41,3	63,2	61
1201795	H1243690-121600	3/4	19,0	12	1	6000	47,6	63,2	66
1216913	H1243690-161200	1	25,4	16	3/4	6000	41,3	72,6	61
1201739	H1243690-161600	1	25,4	16	1	6000	47,6	73,6	75
1202767	H1243690-162000	1	25,4	16	1 1/4	6000	54,0	77,6	78
1202735	H1243690-202000	1 1/4	31,8	20	1 1/4	6000	54,0	94,5	89
1202768	H1243690-202400	1 1/4	31,8	20	1 1/2	6000	63,5	98,0	94
1202736	H1243690-242400	1 1/2	38,1	24	1 1/2	6000	63,5	99,6	105
1202769	H1243690-243200	1 1/2	38,1	24	2	6000	79,4	116,9	123
1202762	H1243690-323200	2	50,8	32	2	6000	79,4	143,3	132

Dimensions shown may be changed without prior notice.

**// H10W3320**

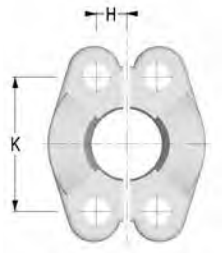
Split Flange Clamp Half 3000 PSI J518 Code 61 FHL



Item Code	Part Number	Flange SIZE	K mm	H mm
1900451	H10W3320-080000	1/2	38,1	8,7
1900457	H10W3320-120000	3/4	47,6	11,1
1900452	H10W3320-160000	1	52,4	13,1
1900454	H10W3320-200000	1 1/4	58,7	15,1
1900453	H10W3320-240000	1 1/2	69,9	17,9
1900455	H10W3320-320000	2	77,8	21,4
1900456	H10W3320-400000	2 1/2	89,0	25,5
1900458	H10W3320-480000	3	106,0	31,0
1901123	H10W3320-560000	3 1/2	120,0	35,0
1900715	H10W3320-640000	4	130,0	39,0

**// H10W3620**

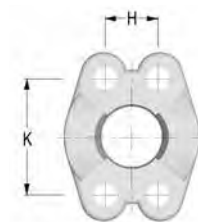
Split Flange Clamp Half 6000 PSI J518 Code 62 FHS



Item Code	Part Number	Flange SIZE	K mm	H mm
1900445	H10W3620-080000	1/2	40,5	9,1
1900450	H10W3620-120000	3/4	50,8	11,9
1900446	H10W3620-160000	1	57,2	13,9
1900448	H10W3620-200000	1 1/4	66,7	15,9
1900447	H10W3620-240000	1 1/2	79,4	18,3
1900449	H10W3620-320000	2	96,8	22,2

**// H10W3310**

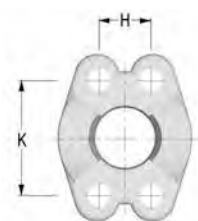
4 Hole Flange Clamp 3000 PSI J518 Code 61 VHL



Item Code	Part Number	Flange SIZE	K mm	H mm
1900442	H10W3310-120000	3/4	47,6	22,2
1900437	H10W3310-160000	1	52,4	26,2
1900439	H10W3310-200000	1 1/4	58,7	30,2
1900438	H10W3310-240000	1 1/2	69,9	35,8
1900440	H10W3310-320000	2	77,8	42,8

**// H10W3610**

4 Hole Flange Clamp 6000 PSI J518 Code 62 VHS



Item Code	Part Number	Flange SIZE	K mm	H mm
1900428	H10W3610-080000	1/2	40,5	18,2
1900433	H10W3610-120000	3/4	50,8	23,8
1900429	H10W3610-160000	1	57,2	27,8
1900431	H10W3610-200000	1 1/4	66,7	31,8
1900430	H10W3610-240000	1 1/2	79,4	36,6
1900432	H10W3610-320000	2	96,8	44,4
1900910	H10W3610-400000	2 1/2	123,8	58,7

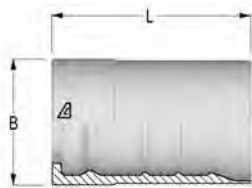


## // INTERLOCK FITTINGS

// FERRULES.....	126	// NPTF INSERTS.....	134
// HOSE MENDER.....	127	// ORFS INSERTS.....	135
// BSP INSERTS.....	128	// SAE FLANGES.....	137
// DIN METRIC INSERTS.....	130	// SUPERCAT FLANGES.....	141
// JIC 37° INSERTS.....	132	// HAMMER UNION.....	142

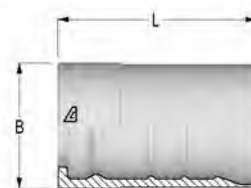
## // FERRULES

### // H1400200



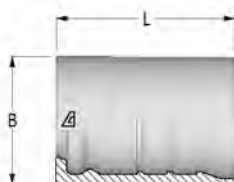
Item Code	Part Number	inch	mm	Dash	B	L
1201571	H1400200-060000	3/8	9,5	06	27	49
1201856	H1400200-080000	1/2	12,7	08	30	52,5
1201502	H1400200-100000	5/8	15,9	10	34	57,5
1201503	H1400200-120000	3/4	19	12	38	60,2
1201504	H1400200-160000	1	25,4	16	46	74,7
1200098	H1400200-200000	1 1/4	31,8	20	55	88,2
1200099	H1400200-240000	1 1/2	38,1	24	62	94,2
1201284	H1400200-320000	2	50,8	32	78	99,2

### // H1T00600



Item Code	Part Number	inch	mm	Dash	B	L
1225872	H1T00600-320000	2	50,8	32	88	108,2
1233073	H1T00600-400000	2 1/2	63	40	109	134
1235722	H1T00600-480000	3	76	48	122	149

### // H1400301



Item Code	Part Number	inch	mm	Dash	B	L
1202585	H1400301-100000	5/8	15,9	10	35,5	57,5
1202730	H1400301-120000	3/4	19	12	43,5	60,0
1202222	H1400301-160000	1	25,4	16	52	75,0
1201761	H1400301-200000	1 1/4	31,8	20	64	88,0
1201805	H1400301-240000	1 1/2	38,1	24	69,5	94,0
1202006	H1400301-320000	2	50,8	32	88	99,0
1233074	H1400301-400000	2 1/2	63	40	102	110,0

Dimensions shown may be changed without prior notice.

**// HOSE MENDER****// H14C5610**

Hose Mender

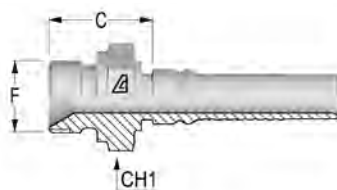


Item Code	Part Number	Dash	Hose ID
1219636	H14C5610-101000	10	5/8
1237869	H14C5610-121200	12	3/4
1237870	H14C5610-161600	16	1
1235392	H14C5610-202000	20	1 1/4
1235393	H14C5610-242400	24	1 1/2
1235394	H14C5610-323200	32	2

## // BSP INSERTS

### // H1410510

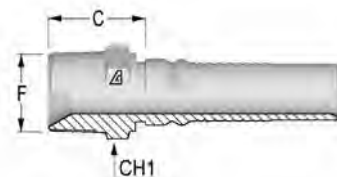
BSPP Male Parallel 60° Flare - AGR



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200218	H1410510-121200	3/4	19	12	3/4-14	12	34,0	32
1200239	H1410510-161600	1	25,4	16	1-11	16	40,0	41
1201219	H1410510-202000	1 1/4	31,8	20	1 1/4-11	20	45,2	50
1200280	H1410510-242400	1 1/2	38,1	24	1 1/2-11	24	48,5	55
1201080	H1410510-323200	2	50,8	32	2-11	32	55,5	70

### // H1410710

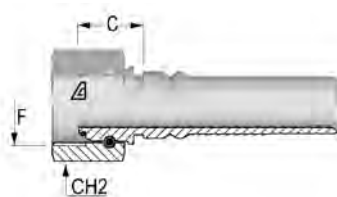
BSPT Male Tapered AGR K



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200215	H1410710-121200	3/4	19	12	3/4-14	12	32,0	27
1200237	H1410710-161600	1	25,4	16	1-11	16	42,0	36
1200261	H1410710-202000	1 1/4	31,8	20	1 1/4-11	20	46,2	46
1200278	H1410710-242400	1 1/2	38,1	24	1 1/2-11	24	48,0	50
1201220	H1410710-323200	2	50,8	32	2-11	32	53,2	65

### // H1420812

BSPP Female 60° Cone with O-Ring DKOR

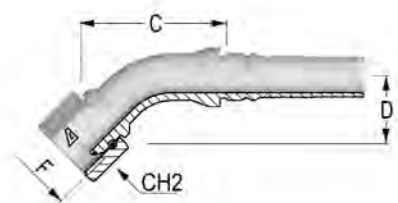


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1214247	H1420811-080800	1/2	12,7	08	1/2-14	08	19,5	27
1202424	H1420812-121200	3/4	19	12	3/4-14	12	22,5	32
1202440	H1420812-161600	1	25,4	16	1-11	16	25,5	38
1201132	H1420812-202000	1 1/4	31,8	20	1 1/4-11	20	30,2	50
1201134	H1420812-242400	1 1/2	38,1	24	1 1/2-11	24	33,5	55
1201136	H1420812-323200	2	50,8	32	2-11	32	35,0	70

Dimensions shown may be changed without prior notice.

**// H1420842**

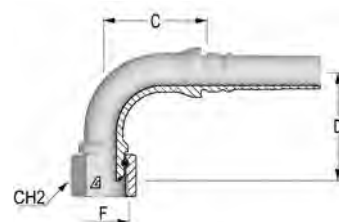
45° BSPP Female 60° Cone with O-Ring  
 DKOR 45  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1202447	H1420842-121200	3/4	19	12	3/4-14	12	72,0	30	32
1202446	H1420842-161600	1	25,4	16	1-11	16	81,0	34	38
1202444	H1420842-202000	1 1/4	31,8	20	1 1/4-11	20	97,2	40	50
1202442	H1420842-242400	1 1/2	38,1	24	1 1/2-11	24	113,0	46	55
1201535	H1420842-323200	2	50,8	32	2-11	32	151,0	60	70

**// H1420892**

90° BSPP Female 60° Cone with O-Ring  
 DKOR 90  
 Solid one piece

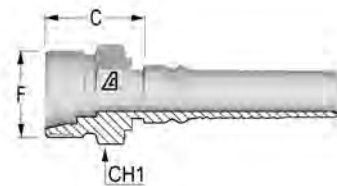


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1200217	H1420892-121200	3/4	19	12	3/4-14	12	58,0	61	32
1202445	H1420892-161600	1	25,4	16	1-11	16	75,0	71	38
1202443	H1420892-202000	1 1/4	31,8	20	1 1/4-11	20	79,2	83	50
1202441	H1420892-242400	1 1/2	38,1	24	1 1/2-11	24	93,5	96	55
1200288	H1420892-323200	2	50,8	32	2-11	32	134,0	125	70

## // DIN METRIC INSERTS

### // H1411210

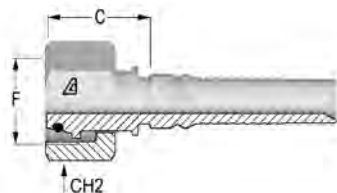
Metric Male 24° Seat  
Heavy DIN 3865 - CES



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH1 mm
1216929	H1411210-082400	1/2	12,7	08	M24x1,5	16	27,0	24
1201077	H1411210-103000	5/8	15,9	10	M30x2	20	31,0	32
1200212	H1411210-123600	3/4	19	12	M36x2	25	35,0	36
1200236	H1411210-164200	1	25,4	16	M42x2	30	40,0	46
1200260	H1411210-205200	1 1/4	31,8	20	M52x2	38	45,2	55

### // H1421613

Metric Female 24° Cone with O-Ring  
Heavy - DIN 3865 - DKOS

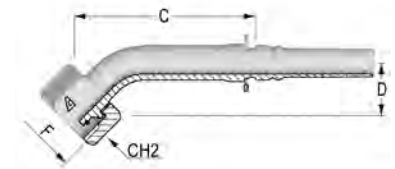


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	CH2 mm
1201857	H1421613-082400	1/2	12,7	08	M24x1,5	16	29,6	30
1201118	H1421613-103000	5/8	15,9	10	M30x2	20	34,4	36
1201092	H1421613-123600	3/4	19	12	M36x2	25	37,6	46
1202584	H1421612-123000	3/4	19	30	M30X2	20	37,5	36
1201125	H1421613-164200	1	25,4	16	M42x2	30	40,7	50
1202887	H1421612-163600	1	25	36	M36X2	25	38,8	46
1201129	H1421613-205200	1 1/4	31,8	20	M52x2	38	45,3	60
1216935	H1421612-204200	1 1/4	32	42	M42X2	30	43,6	50
1216936	H1421612-245200	1 1/2	38	52	M52X2	38	50,8	60

Dimensions shown may be changed without prior notice.

**// H1421643**

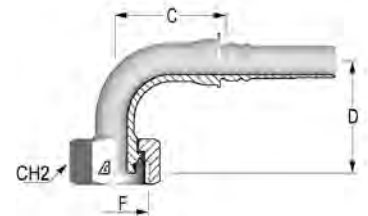
45° Metric Female 24° Cone with O-Ring  
 Heavy - DIN 3865 DKOS 45  
 Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1216942	H1421643-082400	1/2	12,7	08	M24x1,5	16	83,0	29	30
1202073	H1421643-103000	5/8	15,9	10	M30x2	20	59,0	31,5	36
1202079	H1421643-123600	3/4	19,0	12	M36x2	25	78,1	36	46
1202583	H1421642-123000	3/4	19	30	M30X2	20	74,0	33	36
1201724	H1421643-164200	1	25,4	16	M42x2	30	96,8	38	50
1216940	H1421642-163600	1	25	36	M36X2	25	86,5	37,5	46
1202003	H1421643-205200	1 1/4	31,8	20	M52x2	38	112,7	48	60
1216941	H1421642-245200	1 1/2	38	52	M52X2	38	111,0	44	60

**// H1421693**

90° Metric Female 24° Cone with O-Ring  
 Heavy - DIN 3865 DKOS 90  
 Solid one piece

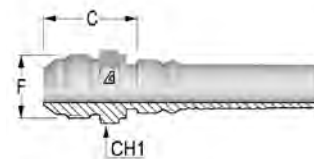


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread	Tube OD mm	C CUT-OFF Factor	D DROP mm	CH2 mm
1203125	H1421693-082400	1/2	12,7	08	M24x1,5	16	52,0	50	30
1202072	H1421693-103000	5/8	15,9	10	M30x2	20	48,0	55	36
1201723	H1421693-123600	3/4	19,0	12	M36x2	25	61,7	65	46
1202582	H1421692-123000	3/4	19	30	M30X2	20	61,0	67,5	36
1201740	H1421693-164200	1	25,4	16	M42x2	30	86,4	79	50
1203126	H1421692-163600	1	25	36	M36X2	25	76,5	76,5	46
1201059	H1421693-205200	1 1/4	31,8	20	M52x2	38	90,9	101	60
1216945	H1421692-245200	1 1/2	38	52	M52X2	38	100,5	102,0	60

## // JIC 37° INSERTS

### // H1412510

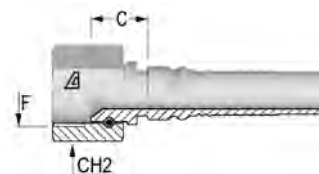
JIC Male 37° Cone  
AGJ



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1200216	H1412510-121200	3/4	19,0	12	1 1/16-12	12	37,0	32
1201094	H1412510-121600	3/4	19,0	12	1 5/16-12	16	40,0	36
1200238	H1412510-161600	1	25,4	16	1 5/16-12	16	41,0	36
1201787	H1412510-162000	1	25,4	16	1 5/8-12	20	44,5	46
1200262	H1412510-202000	1 1/4	31,8	20	1 5/8-12	20	45,7	46
1216931	H1412510-202400	1 1/4	31,8	20	1 7/8-12	24	49,7	50
1200279	H1412510-242400	1 1/2	38,1	24	1 7/8-12	24	50,0	50
1201798	H1412510-323200	2	50,8	32	2 1/2-12	32	61,0	65

### // H1422512

JIC Female 37° Seat DKJ

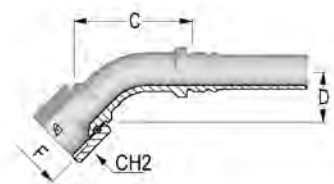


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH2 mm
1201265	H1422512-101200	5/8	15,9	10	1 1/16-12	12	18,7	32
1201121	H1422512-121200	3/4	19,0	12	1 1/16-12	12	18,7	32
1201122	H1422512-121600	3/4	19,0	12	1 5/16-12	16	21,5	38
1201126	H1422512-161600	1	25,4	16	1 5/16-12	16	22,5	38
1201127	H1422512-162000	1	25,4	16	1 5/8-12	20	24,5	50
1201131	H1422512-202000	1 1/4	31,8	20	1 5/8-12	20	25,7	50
1216973	H1422512-202400	1 1/4	31,8	20	1 7/8-12	24	28,2	55
1201133	H1422512-242400	1 1/2	38,1	24	1 7/8-12	24	29,0	55
1201135	H1422512-323200	2	50,8	32	2 1/2-12	32	34,0	70

Dimensions shown may be changed without prior notice.

**// H1422542**

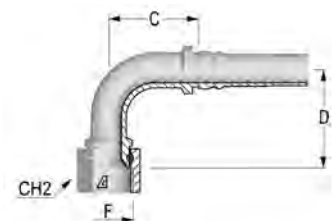
45° JIC Female 37° Seat  
DKJ 45  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1201485	H1422542-121200	3/4	19,0	12	1 1/16-12	12	66,0	27,5	32
1202098	H1422542-121600	3/4	19,0	12	1 5/16-12	16	72,0	30,0	38
1201486	H1422542-161600	1	25,4	16	1 5/16-12	16	79,5	31,0	38
1201487	H1422542-202000	1 1/4	31,8	20	1 5/8-12	20	93,0	37,0	50
1201765	H1422542-242400	1 1/2	38,1	24	1 7/8-12	24	121,0	38,0	55
1201797	H1422542-323200	2	50,8	32	2 1/2-12	32	147,0	51,5	70

**// H1422592**

90° JIC Female 37° Seat  
DKJ 90  
Solid one piece

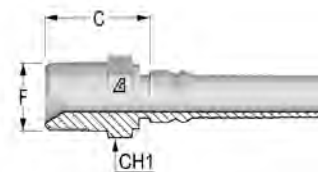


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1201488	H1422592-121200	3/4	19,0	12	1 1/16-12	12	45,0	57,0	32
1202103	H1422592-121600	3/4	19,0	12	1 5/16-12	16	58,0	60,5	38
1201489	H1422592-161600	1	25,4	16	1 5/16-12	16	71,0	67,0	38
1201490	H1422592-202000	1 1/4	31,8	20	1 5/8-12	20	79,2	78,0	50
1201491	H1422592-242400	1 1/2	38,1	24	1 7/8-12	24	94,5	92,0	55
1201796	H1422592-323200	2	50,8	32	2 1/2-12	32	132,0	120,5	70

## // NPTF INSERTS

### // H1412810

NPTF Male 60° Seat  
AGN



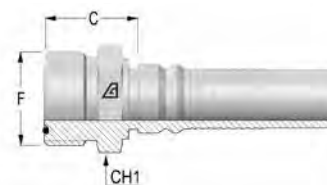
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1201609	H1412810-060600	3/8	9,5	06	3/8-18	06	26,5	19
1203127	H1412810-080800	1/2	12,7	08	1/2-14	08	30,0	22
1200193	H1412810-121200	3/4	19	12	3/4-14	12	32,0	27
1200219	H1412810-161600	1	25,4	16	1-11 1/2	16	42,0	36
1200240	H1412810-202000	1 1/4	31,8	20	1 1/4-11 1/2	20	46,2	46
1200263	H1412810-242400	1 1/2	38,1	24	1 1/2-11 1/2	24	48,0	50
1200281	H1412810-323200	2	50,8	32	2-11 1/2	32	53,2	65

Dimensions shown may be changed without prior notice.

## // ORFS INSERTS

### // H1412410

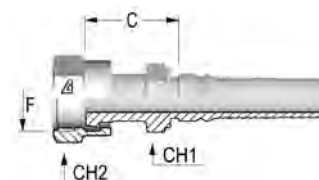
ORFS Male



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm
1214664	H1412410-121200	3/4	19,0	12	1 3/16-12	12	30,0	30
1231483	H1412410-161600	1	25,4	16	1 7/16-12	16	37,9	38
1226310	H1412410-202000	1 1/4	31,8	20	1 11/16-12	20	41,5	46
1226311	H1412410-202400	1 1/4	31,8	20	2-12	24	40,7	55
1226312	H1412410-242400	1 1/2	38,1	24	2-12	24	41,0	55

### // H1422411

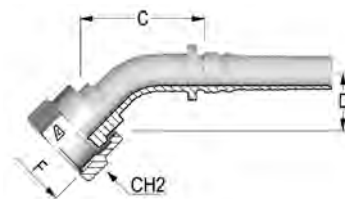
ORFS Female with Stem Hexagon



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	CH1 mm	CH2 mm
1202864	H1422411-101200	5/8	15,9	10	1 3/16-12	12	40,0	30	36
1202099	H1422411-121200	3/4	19	12	1 3/16-12	12	40,0	30	36
1202106	H1422411-121600	3/4	19	12	1 7/16-12	16	43,0	36	41
1216952	H1422411-161200	1	25,4	16	1 3/16-12	12	42,0	32	36
1202071	H1422411-161600	1	25,4	16	1 7/16-12	16	47,0	36	41
1202107	H1422411-162000	1	25,4	16	1 11/16-12	20	49,0	46	50
1216955	H1422411-201600	1 1/4	31,8	20	1 7/16-12	16	47,2	41	41
1201807	H1422411-202000	1 1/4	31,8	20	1 11/16-12	20	47,2	46	50
1216956	H1422411-242400	1 1/2	38,1	24	2-12	24	52,0	50	60

**// H1422441**

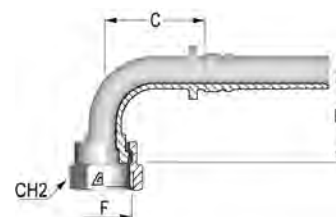
45° ORFS Female  
DK ORFS 45  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D Drop mm	CH2 mm
1216960	H1422441-101000	5/8	15,9	10	1-14	10	60,8	26	30
1203124	H1422441-101200	5/8	15,9	10	1 3/16-12	12	61,0	26	36
1202108	H1422441-121200	3/4	19	12	1 3/16-12	12	77,7	26	36
1202109	H1422441-121600	3/4	19	12	1 7/16-12	16	68,4	28	41
1202110	H1422441-161600	1	25,4	16	1 7/16-12	16	114,0	28	41
1202111	H1422441-162000	1	25,4	16	1 11/16-12	20	83,4	28	50
1202112	H1422441-202000	1 1/4	31,8	20	1 11/16-12	20	100,7	33	50

**// H1422491**

90° ORFS Female  
DK ORFS 90  
Solid one piece



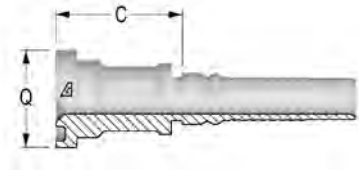
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	F Thread in-TPI	F Thread Dash	C CUT-OFF Factor	D DROP mm	CH2 mm
1203123	H1422491-101200	5/8	15,9	10	1 3/16-12	12	48,1	58	36
1202117	H1422491-121200	3/4	19	12	1 3/16-12	12	64,2	58	36
1202116	H1422491-121600	3/4	19	12	1 7/16-12	16	66,2	58	41
1202115	H1422491-161600	1	25,4	16	1 7/16-12	16	75,2	66	41
1202114	H1422491-162000	1	25,4	16	1 11/16-12	20	73,2	66	50
1202113	H1422491-202000	1 1/4	31,8	20	1 11/16-12	20	91,7	81	50

Dimensions shown may be changed without prior notice.

## // SAE FLANGES

### // H1443310

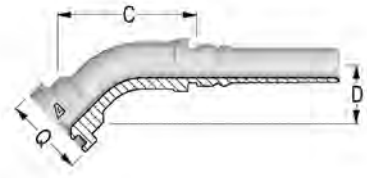
Flange SAE 3000 PSI J518 Code 61 SFL



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	Q mm
1200233	H1443310-161600	1	25,4	16	1	5000	49,0	44,5
1200234	H1443310-162000	1	25,4	16	1 1/4	4000	51,5	50,8
1200257	H1443310-202000	1 1/4	31,8	20	1 1/4	4000	52,7	50,8
1200256	H1443310-202400	1 1/4	31,8	20	1 1/2	3000	55,7	60,3
1200276	H1443310-242400	1 1/2	38,1	24	1 1/2	3000	56,0	60,3
1200277	H1443310-243200	1 1/2	38,1	24	2	3000	67,5	71,4
1200287	H1443310-323200	2	50,8	32	2	3000	69,0	71,4

### // H1443340

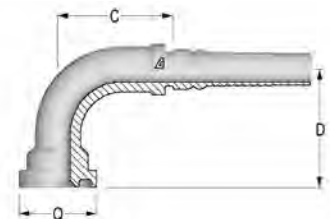
45° Flange SAE 3000 PSI J518 Code 61 SFL 45  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1200230	H1443340-162000	1	25,4	16	1 1/4	4000	95,6	30,0	50,8
1200253	H1443340-202000	1 1/4	31,8	20	1 1/4	4000	100,9	32,5	50,8
1200252	H1443340-202400	1 1/4	31,8	20	1 1/2	3000	92,8	40,0	60,3
1200272	H1443340-242400	1 1/2	38,1	24	1 1/2	3000	103,7	43,0	60,3
1200273	H1443340-243200	1 1/2	38,1	24	2	3000	132,7	56,5	71,4
1200285	H1443340-323200	2	50,8	32	2	3000	138,1	54,0	71,4

### // H1443390

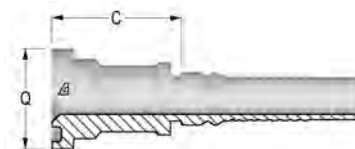
90° Flange SAE 3000 PSI J518 Code 61 SFL 90  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1200231	H1443390-161600	1	25,4	16	1	5000	72,2	64	44,5
1200232	H1443390-162000	1	25,4	16	1 1/4	4000	70,2	69	50,8
1200255	H1443390-202000	1 1/4	31,8	20	1 1/4	4000	86,2	81	50,8
1200254	H1443390-202400	1 1/4	31,8	20	1 1/2	3000	81,2	85	60,3
1200274	H1443390-242400	1 1/2	38,1	24	1 1/2	3000	95,5	93	60,3
1200275	H1443390-243200	1 1/2	38,1	24	2	3000	130,3	97	71,4
1200286	H1443390-323200	2	50,8	32	2	3000	134,4	130	71,4

**// H1443610**

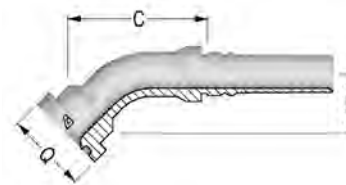
Flange SAE 6000 PSI  
J518 Code 62 SFS



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	Q mm
1200199	H1443610-121200	3/4	19	12	3/4	6000	50,0	41,3
1200198	H1443610-121600	3/4	19	12	1	6000	53,0	47,6
1201218	H1443610-161200	1	25,4	16	3/4	6000	51,0	41,3
1200224	H1443610-161600	1	25,4	16	1	6000	54,0	47,6
1200225	H1443610-162000	1	25,4	16	1 1/4	6000	61,0	54,0
1201556	H1443610-201600	1 1/4	31,8	20	1	6000	80,2	47,6
1200246	H1443610-202000	1 1/4	31,8	20	1 1/4	6000	62,2	54,0
1200245	H1443610-202400	1 1/4	31,8	20	1 1/2	6000	68,2	63,5
1200270	H1443610-242000	1 1/2	38,1	24	1 1/4	6000	62,5	54,0
1200268	H1443610-242400	1 1/2	38,1	24	1 1/2	6000	68,5	63,5
1200271	H1443610-243200	1 1/2	38,1	24	2	6000	80,5	79,4
1200284	H1443610-323200	2	50,8	32	2	6000	87,0	79,4

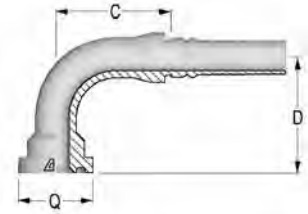
**// H1443640**

45° Flange SAE 6000 PSI J518 Code 62 SFS 45  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1200195	H1443640-121200	3/4	19	12	3/4	6000	72,1	30,0	41,3
1200194	H1443640-121600	3/4	19	12	1	6000	76,8	33,0	47,6
1202890	H1443640-161200	1	25,4	16	3/4	6000	80,3	29,5	41,3
1200220	H1443640-161600	1	25,4	16	1	6000	94,8	35,0	47,6
1200221	H1443640-162000	1	25,4	16	1 1/4	6000	105,3	44,0	54,0
1201557	H1443640-201600	1 1/4	31,8	20	1	6000	104,7	34,5	47,6
1200242	H1443640-202000	1 1/4	31,8	20	1 1/4	6000	102,0	39,5	54,0
1200241	H1443640-202400	1 1/4	31,8	20	1 1/2	6000	111,7	48,0	63,5
1200264	H1443640-242400	1 1/2	38,1	24	1 1/2	6000	136,3	48,0	63,5
1200265	H1443640-243200	1 1/2	38,1	24	2	6000	129,1	55,0	79,4
1200282	H1443640-323200	2	50,8	32	2	6000	160,6	63,0	79,4

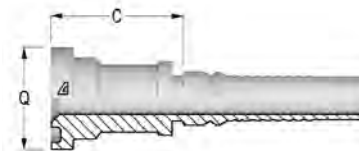
Dimensions shown may be changed without prior notice.

**// H1443690**
**90° Flange SAE 6000 PSI J518 Code 62 SFS 90**  
**Solid one piece**


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1200197	H1443690-121200	3/4	19	12	3/4	6000	61,2	64,0	41,3
1200196	H1443690-121600	3/4	19	12	1	6000	61,2	66,0	47,6
1202811	H1443690-161200	1	25,4	16	3/4	6000	70,2	61,0	41,3
1200222	H1443690-161600	1	25,4	16	1	6000	70,4	74,0	47,6
1200223	H1443690-162000	1	25,4	16	1 1/4	6000	77,2	80,0	54,0
1200244	H1443690-202000	1 1/4	31,8	20	1 1/4	6000	88,2	91,0	54,0
1200243	H1443690-202400	1 1/4	31,8	20	1 1/2	6000	92,9	103,5	63,5
1200266	H1443690-242400	1 1/2	38,1	24	1 1/2	6000	106,3	109,0	63,5
1200267	H1443690-243200	1 1/2	38,1	24	2	6000	106,5	121,5	79,4
1200283	H1443690-323200	2	50,8	32	2	6000	146,0	138,5	79,4

**// H1T43610**

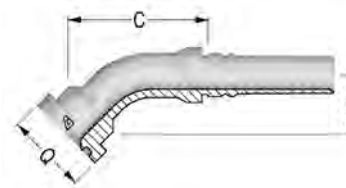
Flange SAE 6000 PSI J518 Code 62 SFS  
Special version



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	Q mm
1223166	H1T43610-322400	2	50,8	32	1 1/2	6000	106,0	63,5
1223388	H1T43610-323200	2	50,8	32	2	6000	104,0	79,4
1235395	H1T43610-404000	2 1/2	63,5	40	2 1/2	6000	124,3	108,0

**// H1T43640**

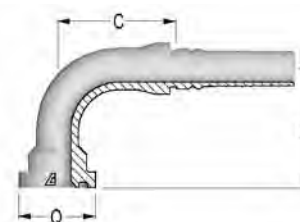
45° Flange SAE 6000 PSI J518 Code 62 SFS 45  
Solid one piece  
Special version



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1223389	H14T3640-323200	2	50,8	32	2	6000	141	63	79,4

**// H1T43690**

90° Flange SAE 6000 PSI J518 Code 62 SFS 90  
Solid one piece  
Special version



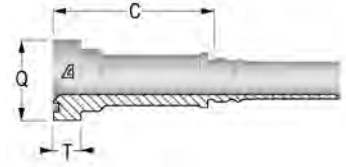
Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm
1223168	H1T43690-322400	2	50,8	32	1 1/2	6000	134	112	63,5
1228051	H1T43690-323200	2	50,8	32	2	6000	132	145	79,4

Dimensions shown may be changed without prior notice.

## // SUPERCAT FLANGES

### // H1443910

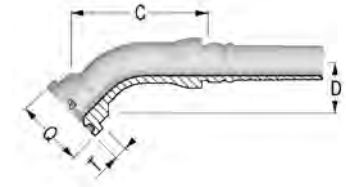
Flange SUPERCAT



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	Q mm	T mm
1202219	H1443910-121200	3/4	19	12	3/4	6000	82,0	41,3	14,3
1202388	H1443910-121600	3/4	19	12	1	6000	82,0	47,6	14,3
1202389	H1443910-161600	1	25,4	16	1	6000	90,0	47,6	14,3
1202390	H1443910-162000	1	25,4	16	1 1/4	6000	90,0	54,0	14,3
1202391	H1443910-202000	1 1/4	31,8	20	1 1/4	6000	86,2	54,0	14,3
1202392	H1443910-202400	1 1/4	31,8	20	1 1/2	6000	83,2	63,5	14,3

### // H1443940

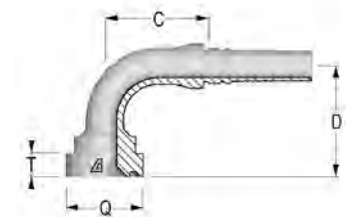
45° Flange SUPERCAT  
Solid one piece



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm	T mm
1202398	H1443940-121200	3/4	19	12	3/4	6000	82,9	34,0	41,3	14,3
1202397	H1443940-121600	3/4	19	12	1	6000	87,4	34,0	47,6	14,3
1202396	H1443940-161600	1	25,4	16	1	6000	93,9	40,0	47,6	14,3
1202395	H1443940-162000	1	25,4	16	1 1/4	6000	95,4	40,0	54,0	14,3
1202394	H1443940-202000	1 1/4	31,8	20	1 1/4	6000	103,6	43,0	54,0	14,3
1202393	H1443940-202400	1 1/4	31,8	20	1 1/2	6000	110,1	49,5	63,5	14,3

### // H1443990

90° Flange SUPERCAT  
Solid one piece

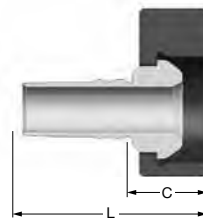


Item Code	Part Number	Hose ID in	Hose ID mm	Dash	Flange SIZE	MAX WP psi	C CUT-OFF Factor	D DROP mm	Q mm	T mm
1202399	H1443990-121200	3/4	19	12	3/4	6000	63,7	67,0	41,3	14,3
1202400	H1443990-121600	3/4	19	12	1	6000	65,2	70,0	47,6	14,3
1202401	H1443990-161600	1	25,4	16	1	6000	80,4	79,0	47,6	14,3
1202402	H1443990-162000	1	25,4	16	1 1/4	6000	75,4	82,5	54,0	14,3
1202403	H1443990-202000	1 1/4	31,8	20	1 1/4	6000	89,2	93,0	54,0	14,3
1202404	H1443990-202400	1 1/4	31,8	20	1 1/2	6000	91,4	101,0	63,5	14,3

## // HAMMER UNION

### // H1413F13

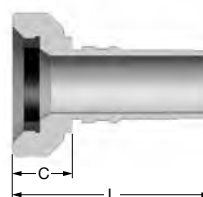
Male Hammer Union Fig. 1502 integral fitting with Lug Nut



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	C CUT-OFF Factor	L Overall Length mm	Weight kg
1235621	H1413F13-323200	2	51	32	55,3	152	6,4

### // H1423F10

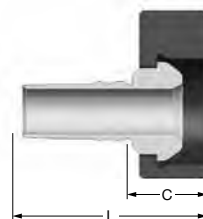
Female Hammer Union Fig. 1502 integral fitting with Rubber Ring



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	C CUT-OFF Factor	L Overall Length mm	Weight kg
1238273	H1423F10-323200	2	51	32	51,5	148,5	2,3

### // H1T13F13

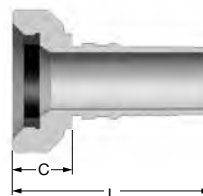
Male Hammer Union Fig. 1502 integral fitting with Lug Nut  
Special version



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	C CUT-OFF Factor	L Overall Length mm	Weight kg
1235624	H1T13F13-323200	2	51	32	55,9	162,2	6,6

### // H1T23F10

Female Hammer Union Fig. 1502 integral fitting with Rubber Ring  
Special version



Item Code	Part Number	Hose ID in	Hose ID mm	Dash	C CUT-OFF Factor	L Overall Length mm	Weight kg
1235623	H1T23F10-323200	2	51	32	52,4	158,7	2,6