

// STANDARD FITTINGS

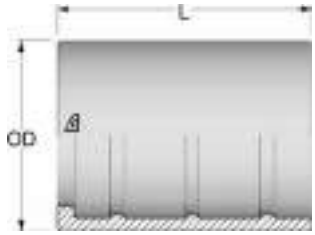
// FERRULES 48
// HOSE MENDER 53
// BSP INSERTS 54
// DIN METRIC INSERTS 61
// PRESSURE WASHER 73
// SAE INSERTS 74
// JIC 37° INSERTS 76
// NPTF INSERTS 84
// NPSM INSERTS 86
// ORFS INSERTS 87
// FRENCH INSERTS 91
// JIS INSERTS 92
// KOMATSU INSERTS 94
// SAE FLANGES 96

Design and dimensions shown may be changed without prior notice

// FERRULES

// H1200TX2

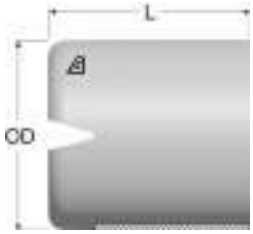
No-Skive Ferrule for 3TE, R5 and Flexopak 2 Minetuff 2 1/2" - 241T Hi-tuff hoses



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1236581	H1200TX2-030000	3	5,0	3/16"	21,0	20,0
1236582	H1200TX2-040000	4	6,0	1/4"	23,0	24,7
1236583	H1200TX2-050000	5	8,0	5/16"	25,0	24,7
1236584	H1200TX2-060000	6	10,0	3/8"	27,0	29,7
1236585	H1200TX2-080000	8	13,0	1/2"	30,0	30,5
1236586	H1200TX2-100000	10	16,0	5/8"	34,0	35,5
1236587	H1200TX2-120000	12	19,0	3/4"	38,0	36,0
1236588	H1200TX2-160000	16	25,0	1"	48,0	42,5
1236589	H1200TX2-200000	20	31,0	1 1/4"	53,0	56,5
1236590	H1200TX2-240000	24	38,0	1 1/2"	60,0	61,5
1236591	H1200TX2-320000	32	51,0	2"	76,0	73,5
1236592	H1200TX2-400000	40	63,0	2 1/2"	89,0	85,0

// H1200TX4

No-Skive Ferrule for R4 Hoses (604, 634, 644)

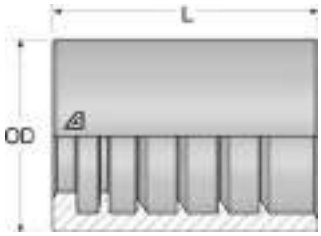


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1250572	H1200TX4-120000	12	19,0	3/4"	36,0	39,0
1250581	H1200TX4-160000	16	25,0	1"	42,4	44,3
1250582	H1200TX4-200000	20	31,0	1 1/4"	50,0	53,2
1250583	H1200TX4-240000	24	38,0	1 1/2"	55,0	60,2
1250584	H1200TX4-320000	32	51,0	2"	70,0	73,2
1250585	H1200TX4-400000	40	63,0	2 1/2"	83,0	86,0

Design and dimensions shown may be changed without prior notice

// H1200103

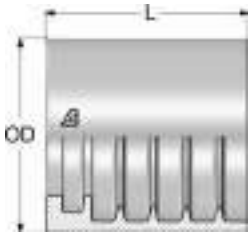
No-Skive Ferrule for PLT



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1202932	H1200103-030000	3	5,0	3/16"	17,0	23,0
1201351	H1200103-040000	4	6,0	1/4"	19,0	26,3

// H1200AD1

No-Skive Ferrule for 1 Wire Braid and 2 Wire Braid Compact Hoses

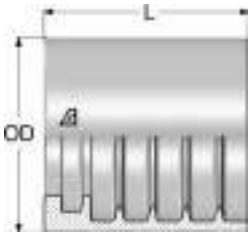


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1227977	H1200AD1-030000	3	5,0	3/16"	19,0	24,0
1227978	H1200AD1-040000	4	6,0	1/4"	22,0	24,7
1227979	H1200AD1-050000	5	8,0	5/16"	23,0	24,7
1227980	H1200AD1-060000	6	10,0	3/8"	26,0	29,7
1227981	H1200AD1-080000	8	13,0	1/2"	29,0	30,5
1227983	H1200AD1-100000	10	16,0	5/8"	32,0	30,5
1227985	H1200AD1-120000	12	19,0	3/4"	36,0	36,0
1227986	H1200AD1-160000	16	25,0	1"	44,0	36,7
1227987	H1200AD1-200000	20	31,0	1 1/4"	53,0	48,6
1227988	H1200AD1-240000	24	38,0	1 1/2"	61,0	48,6
1227989	H1200AD1-320000	32	51,0	2"	75,0	48,6

Design and dimensions shown may be changed without prior notice

// H1200AD2

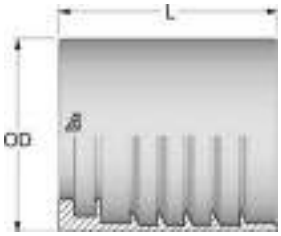
No-Skive Ferrule for 2SN



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1227990	H1200AD2-030000	3	5,0	3/16"	21,0	20,0
1227991	H1200AD2-040000	4	6,0	1/4"	23,0	24,7
1227992	H1200AD2-050000	5	8,0	5/16"	25,0	24,7
1227993	H1200AD2-060000	6	10,0	3/8"	27,0	29,7
1227994	H1200AD2-080000	8	13,0	1/2"	30,0	30,5
1227995	H1200AD2-100000	10	16,0	5/8"	33,0	30,5
1227996	H1200AD2-120000	12	19,0	3/4"	37,0	36,0
1227997	H1200AD2-160000	16	25,0	1"	45,0	36,7
1227998	H1200AD2-200000	20	31,0	1 1/4"	56,0	48,6
1227999	H1200AD2-240000	24	38,0	1 1/2"	64,0	48,5
1228000	H1200AD2-320000	32	51,0	2"	78,0	48,6

// H1200204

No-Skive Ferrule for Alfabiotech/Powerflexbio Hoses

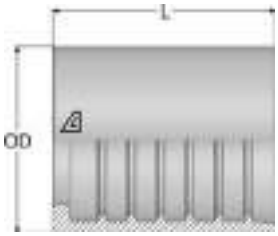


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1216588	H1200204-060000	6	10,0	3/8"	30,0	28,0
1216589	H1200204-080000	8	13,0	1/2"	34,0	33,9
1216590	H1200204-100000	10	16,0	5/8"	38,0	36,6
1203322	H1200204-120000	12	19,0	3/4"	42,0	39,5
1203323	H1200204-160000	16	25,0	1"	50,0	47,5
1216591	H1200204-200000	20	31,0	1 1/4"	61,0	50,2

Design and dimensions shown may be changed without prior notice

// H1200TP0

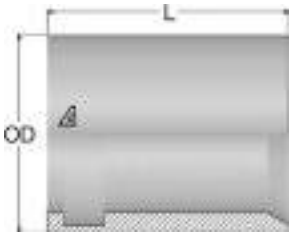
No-Skive Ferrule for Thermoplastic and 1 Wire Braid Compact Hoses



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1232354	H1200TP0-030000	3	5,0	3/16"	15,0	22,0
1232358	H1200TP0-040000	4	6,0	1/4"	17,0	26,5
1232359	H1200TP0-050000	5	8,0	5/16"	19,0	26,5
1232360	H1200TP0-060000	6	10,0	3/8"	22,0	26,5
1232361	H1200TP0-080000	8	13,0	1/2"	26,0	30,5

// H2200TF0

No-Skive Ferrule for PTFE Hoses

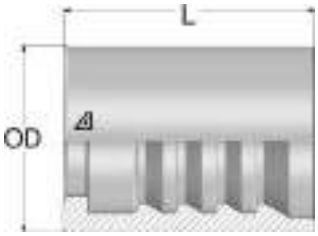


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1232132	H2200TF0-030000	3	5,0	3/16"	14,0	20,0
1232133	H2200TF0-040000	4	6,0	1/4"	15,0	25,0
1232134	H2200TF0-050000	5	8,0	5/16"	17,2	25,0
1232135	H2200TF0-060000	6	10,0	3/8"	22,0	25,0
1232136	H2200TF0-080000	8	13,0	1/2"	25,0	30,0
1232137	H2200TF0-100000	10	16,0	5/8"	30,0	33,0
1232138	H2200TF0-120000	12	19,0	3/4"	35,0	37,0
1232139	H2200TF0-160000	16	25,0	1"	42,0	45,0
1232140	H2200TF0-200000	20	31,0	1 1/4"	50,0	48,0
1232141	H2200TF0-240000	24	38,0	1 1/2"	57,0	58,0
1232142	H2200TF0-320000	32	51,0	2"	73,0	67,0

Design and dimensions shown may be changed without prior notice

// H1100SK1

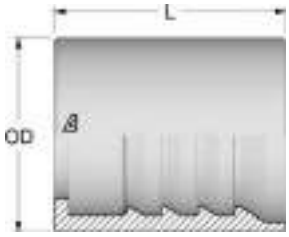
Skive Ferrule for 1 Wire Braid and 2 Wire Braid Compact Hoses
No-Skive for 1TE, 2TE and R6



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1233077	H1100SK1-040000	4	6,0	1/4"	19,0	25,5
1233078	H1100SK1-050000	5	8,0	5/16"	21,0	25,5
1233079	H1100SK1-060000	6	10,0	3/8"	23,0	27,5
1233080	H1100SK1-080000	8	13,0	1/2"	27,0	33,5
1233081	H1100SK1-100000	10	16,0	5/8"	30,0	36,5
1233082	H1100SK1-120000	12	19,0	3/4"	33,0	40,0
1233083	H1100SK1-160000	16	25,0	1"	41,0	46,5

// H1100104

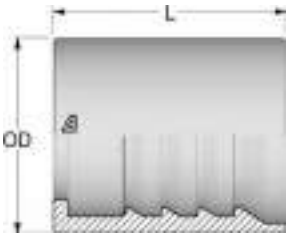
Skive Ferrule for 1SN



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1201545	H1100104-200000	20	31,0	1 1/4"	50,0	43,8
1201546	H1100104-240000	24	38,0	1 1/2"	57,0	49,2
1201547	H1100104-320000	32	51,0	2"	71,0	63,7

// H1100404

Skive Ferrule for 2/3 Wire Braid and Wire Spiral Hoses



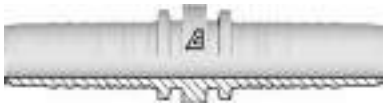
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1202719	H1100404-040000	4	6,0	1/4"	22,0	26,3
1203253	H1100404-060000	6	10,0	3/8"	25,0	28,5
1203266	H1100404-080000	8	13,0	1/2"	29,0	34,7
1219132	H1100404-100000	10	16,0	5/8"	33,0	37,5
1203368	H1100404-120000	12	19,0	3/4"	37,0	41,5
1234701	H1100404-160000	16	25,0	1"	45,0	47,7
1234766	H1100404-200000	20	31,0	1 1/4"	55,0	54,5
1234767	H1100404-240000	24	38,0	1 1/2"	67,0	61,1
1234768	H1100404-320000	32	51,0	2"	82,0	75,1

Design and dimensions shown may be changed without prior notice

// HOSE MENDER

// H12C5610

Hose Mender



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)
1202949	H12C5610-040400	4	6,0	1/4"
1202870	H12C5610-050500	5	8,0	5/16"
1202868	H12C5610-060600	6	10,0	3/8"
1202867	H12C5610-080800	8	13,0	1/2"
1203160	H12C5610-101000	10	16,0	5/8"
1203161	H12C5610-121200	12	19,0	3/4"
1220608	H12C5610-161600	16	25,0	1"
1220607	H12C5610-202000	20	32,0	1 1/4"
1220605	H12C5610-242400	24	38,0	1 1/2"
1220606	H12C5610-323200	32	51,0	2"

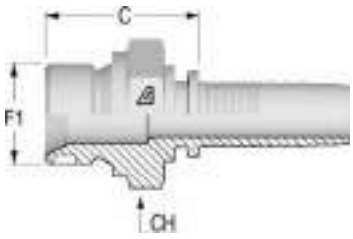
Design and dimensions shown may be changed without prior notice

// BSP INSERTS

// H1210510

BSPP Male 60° Flare

AGR

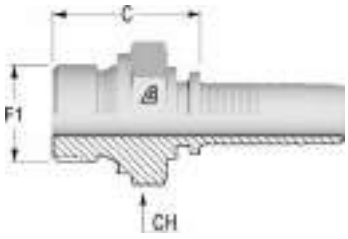


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1201291	H1210510-030200	3	5,0	3/16"	2	1/8-28	20,3	14,0
1201722	H1210510-040200	4	6,0	1/4"	2	1/8-28	20,8	14,0
1200507	H1210510-040400	4	6,0	1/4"	4	1/4-19	26,3	19,0
1200508	H1210510-040600	4	6,0	1/4"	6	3/8-19	27,8	22,0
1201098	H1210510-040800	4	6,0	1/4"	8	1/2-14	31,3	27,0
1200540	H1210510-050400	5	8,0	5/16"	4	1/4-19	26,3	19,0
1200541	H1210510-050600	5	8,0	5/16"	6	3/8-19	27,8	22,0
1201101	H1210510-050800	5	8,0	5/16"	8	1/2-14	31,3	27,0
1200340	H1210510-060400	6	10,0	3/8"	4	1/4-19	26,3	19,0
1200341	H1210510-060600	6	10,0	3/8"	6	3/8-19	27,8	22,0
1200339	H1210510-060800	6	10,0	3/8"	8	1/2-14	31,3	27,0
1200386	H1210510-080600	8	13,0	1/2"	6	3/8-19	28,6	22,0
1200384	H1210510-080800	8	13,0	1/2"	8	1/2-14	32,1	27,0
1201096	H1210510-081000	8	13,0	1/2"	10	5/8-14	34,1	30,0
1200385	H1210510-081200	8	13,0	1/2"	12	3/4-14	36,1	32,0
1201085	H1210510-100800	10	16,0	5/8"	8	1/2-14	32,1	27,0
1200419	H1210510-101000	10	16,0	5/8"	10	5/8-14	34,1	30,0
1200418	H1210510-101200	10	16,0	5/8"	12	3/4-14	36,1	32,0
1200446	H1210510-121200	12	19,0	3/4"	12	3/4-14	36,6	32,0
1201095	H1210510-121600	12	19,0	3/4"	16	1-11	41,6	41,0
1201355	H1210510-161600	16	25,0	1"	16	1-11	43,4	41,0
1201356	H1210510-162000	16	25,0	1"	20	1 1/4-11	46,4	50,0
1201357	H1210510-202000	20	32,0	1 1/4"	20	1 1/4-11	48,0	50,0
1201358	H1210510-242400	24	38,0	1 1/2"	24	1 1/2-11	51,0	55,0
1201359	H1210510-323200	32	51,0	2"	32	2-11	56,5	70,0

// H1210610

BSPP Male Flat Seat

AGR FD



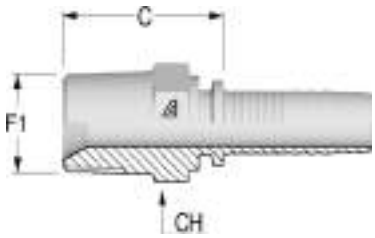
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1214181	H1210610-040400	4	6,0	1/4"	4	1/4-19	26,3	19,0
1223423	H1210610-060600	6	10,0	3/8"	6	3/8-19	27,8	22,0
1216596	H1210610-060800	6	10,0	3/8"	8	1/2-14	31,3	27,0
1225012	H1210610-080800	8	13,0	1/2"	8	1/2-14	32,1	27,0

Design and dimensions shown may be changed without prior notice

// H1210710

BSPT Male

AGR K

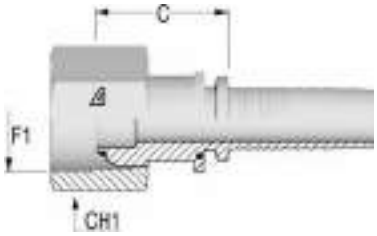


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1200456	H1210710-030200	3	5,0	3/16"	2	1/8-28	20,8	12,0
1200491	H1210710-040200	4	6,0	1/4"	2	1/8-28	21,3	12,0
1200490	H1210710-040400	4	6,0	1/4"	4	1/4-19	26,8	17,0
1200492	H1210710-040600	4	6,0	1/4"	6	3/8-19	27,8	19,0
1200532	H1210710-050400	5	8,0	5/16"	4	1/4-19	26,8	17,0
1200533	H1210710-050600	5	8,0	5/16"	6	3/8-19	27,8	19,0
1200328	H1210710-060400	6	10,0	3/8"	4	1/4-19	26,8	17,0
1200329	H1210710-060600	6	10,0	3/8"	6	3/8-19	27,8	19,0
1200327	H1210710-060800	6	10,0	3/8"	8	1/2-14	32,3	22,0
1200373	H1210710-080600	8	13,0	1/2"	6	3/8-19	28,6	19,0
1200371	H1210710-080800	8	13,0	1/2"	8	1/2-14	33,1	22,0
1200410	H1210710-101200	10	16,0	5/8"	12	3/4-14	34,1	27,0
1200440	H1210710-121200	12	19,0	3/4"	12	3/4-14	34,6	27,0
1200439	H1210710-121600	12	19,0	3/4"	16	1-11	43,6	36,0
1201365	H1210710-161200	16	25,0	1"	12	3/4-14	37,4	32,0
1201361	H1210710-161600	16	25,0	1"	16	1-11	44,4	36,0
1201363	H1210710-202000	20	32,0	1 1/4"	20	1 1/4-11	49,0	46,0
1201364	H1210710-242400	24	38,0	1 1/2"	24	1 1/2-11	50,5	50,0
1201360	H1210710-323200	32	51,0	2"	32	2-11	54,2	65,0

Design and dimensions shown may be changed without prior notice

// H1220813

BSPP Female 60° Cone with O-Ring
DKOR



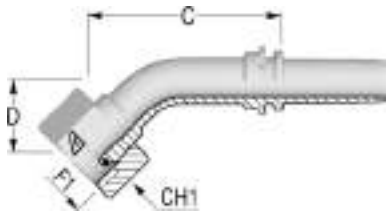
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1200606	H1220511-030200	Crimped	3	5,0	3/16"	2	1/8-28	14,3	14,0
1202325	H1220813-030400	Slip on nut	3	5,0	3/16"	4	1/4-19	20,3	19,0
1201066	H1220511-040200	Crimped	4	6,0	1/4"	2	1/8-28	14,7	14,0
1202326	H1220813-040400	Slip on nut	4	6,0	1/4"	4	1/4-19	20,8	19,0
1202327	H1220813-040600	Slip on nut	4	6,0	1/4"	6	3/8-19	23,3	22,0
1202328	H1220811-050400	Crimped	5	8,0	5/16"	4	1/4-19	16,6	19,0
1202329	H1220813-050600	Slip on nut	5	8,0	5/16"	6	3/8-19	23,3	22,0
1202330	H1220811-060400	Crimped	6	10,0	3/8"	4	1/4-19	17,3	19,0
1202331	H1220813-060600	Slip on nut	6	10,0	3/8"	6	3/8-19	23,3	22,0
1202332	H1220813-060800	Slip on nut	6	10,0	3/8"	8	1/2-14	24,3	27,0
1202571	H1220811-080600	Crimped	8	13,0	1/2"	6	3/8-19	18,6	22,0
1202333	H1220813-080800	Slip on nut	8	13,0	1/2"	8	1/2-14	25,1	27,0
1202334	H1220813-081000	Slip on nut	8	13,0	1/2"	10	5/8-14	28,4	27,0
1202335	H1220813-081200	Slip on nut	8	13,0	1/2"	12	3/4-14	29,0	32,0
1202457	H1220811-101000	Crimped	10	16,0	5/8"	10	5/8-14	17,1	27,0
1202336	H1220813-101200	Slip on nut	10	16,0	5/8"	12	3/4-14	29,0	32,0
1202462	H1220811-121200	Crimped	12	19,0	3/4"	12	3/4-14	20,6	32,0
1202337	H1220813-121600	Slip on nut	12	19,0	3/4"	16	1-11	34,0	38,0
1202455	H1220811-161600	Crimped	16	25,0	1"	16	1-11	23,9	38,0
1202338	H1220813-162000	Slip on nut	16	25,0	1"	20	1 1/4-11	39,4	50,0
1202458	H1220812-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 1/4-11	32,0	50,0
1202339	H1220813-202400	Slip on nut	20	32,0	1 1/4"	24	1 1/2-11	41,9	55,0
1202463	H1220812-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	33,8	55,0
1202340	H1220813-243200	Slip on nut	24	38,0	1 1/2"	32	2-11	47,0	70,0
1202014	H1220812-323200	Thrust wire nut	32	51,0	2"	32	2-11	34,0	70,0

Image: insert with Slip on Nut.
Codes with root "H1220511" are without O-ring

Design and dimensions shown may be changed without prior notice

// H1220843

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



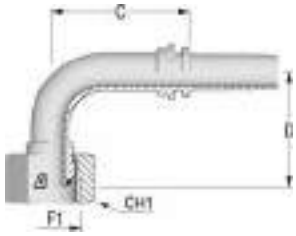
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202341	H1220843-040400	Slip on nut	4	6,0	1/4"	4	1/4-19	45,5	15,0	19,0
1202342	H1220843-040600	Slip on nut	4	6,0	1/4"	6	3/8-19	41,5	17,5	22,0
1214200	H1220841-050400	Crimped	5	8,0	5/16"	4	1/4-19	19,0	17,5	19,0
1202343	H1220843-050600	Slip on nut	5	8,0	5/16"	6	3/8-19	45,1	18,5	22,0
1202344	H1220843-060600	Slip on nut	6	10,0	3/8"	6	3/8-19	49,9	20,5	22,0
1202345	H1220843-060800	Slip on nut	6	10,0	3/8"	8	1/2-14	45,7	21,0	27,0
1202346	H1220843-080800	Slip on nut	8	13,0	1/2"	8	1/2-14	55,0	21,0	27,0
1202347	H1220843-081000	Slip on nut	8	13,0	1/2"	10	5/8-14	57,2	23,0	27,0
1202348	H1220843-081200	Slip on nut	8	13,0	1/2"	12	3/4-14	56,7	23,0	32,0
1202464	H1220841-101000	Crimped	10	16,0	5/8"	10	5/8-14	64,0	21,5	27,0
1202349	H1220843-101200	Slip on nut	10	16,0	5/8"	12	3/4-14	66,5	22,5	32,0
1202465	H1220841-121200	Crimped	12	19,0	3/4"	12	3/4-14	70,0	28,0	32,0
1202350	H1220843-121600	Slip on nut	12	19,0	3/4"	16	1-11	74,6	31,5	38,0
1202466	H1220841-161600	Crimped	16	25,0	1"	16	1-11	84,0	34,0	38,0
1216663	H1220843-162000	Slip on nut	16	25,0	1"	20	1 1/4-11	97,0	47,5	50,0
1202467	H1220842-202000	Slip on nut	20	32,0	1 1/4"	20	1 1/4-11	101,0	40,0	50,0
1202468	H1220842-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	116,0	46,0	55,0
1202469	H1220842-323200	Thrust wire nut	32	51,0	2"	32	2-11	152,0	60,0	70,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1220893

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

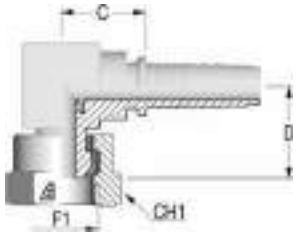


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1200607	H1220591-030200	Crimped	3	5,0	3/16"	2	1/8-28	24,0	30,0	14,0
1201707	H1220591-040200	Crimped	4	6,0	1/4"	2	1/8-28	30,5	32,0	14,0
1202367	H1220893-040400	Slip on nut	4	6,0	1/4"	4	1/4-19	29,3	29,0	19,0
1202353	H1220893-040600	Slip on nut	4	6,0	1/4"	6	3/8-19	29,8	31,0	22,0
1202354	H1220893-050600	Slip on nut	5	8,0	5/16"	6	3/8-19	33,2	36,0	22,0
1202355	H1220893-060600	Slip on nut	6	10,0	3/8"	6	3/8-19	34,8	42,0	22,0
1202356	H1220893-060800	Slip on nut	6	10,0	3/8"	8	1/2-14	34,3	35,5	27,0
1202881	H1220891-080600	Crimped	8	13,0	1/2"	6	3/8-19	35,3	43,0	22,0
1202357	H1220893-080800	Slip on nut	8	13,0	1/2"	8	1/2-14	35,8	41,0	27,0
1202358	H1220893-081000	Slip on nut	8	13,0	1/2"	10	5/8-14	41,6	43,5	27,0
1202359	H1220893-081200	Slip on nut	8	13,0	1/2"	12	3/4-14	41,8	43,0	32,0
1202470	H1220891-101000	Crimped	10	16,0	5/8"	10	5/8-14	47,9	47,0	27,0
1202360	H1220893-101200	Slip on nut	10	16,0	5/8"	12	3/4-14	51,9	49,0	32,0
1202471	H1220891-121200	Crimped	12	19,0	3/4"	12	3/4-14	49,1	53,0	32,0
1202361	H1220893-121600	Slip on nut	12	19,0	3/4"	16	1-11	54,1	60,5	38,0
1202475	H1220891-161600	Crimped	16	25,0	1"	16	1-11	75,1	69,0	38,0
1202362	H1220893-162000	Slip on nut	16	25,0	1"	20	1 1/4-11	75,1	88,5	50,0
1202472	H1220892-202000	Slip on nut	20	32,0	1 1/4"	20	1 1/4-11	82,0	83,0	50,0
1202363	H1220893-202400	Slip on nut	20	32,0	1 1/4"	24	1 1/2-11	101,0	83,0	55,0
1202456	H1220892-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	96,0	96,0	55,0
1202364	H1220893-243200	Slip on nut	24	38,0	1 1/2"	32	2-11	107,8	104,0	70,0
1202473	H1220892-323200	Thrust wire nut	32	51,0	2"	32	2-11	128,0	136,0	70,0

Image: insert with Slip on Nut.

// H1220581

90° Compact BSPP Female 60° Cone
DKR 90

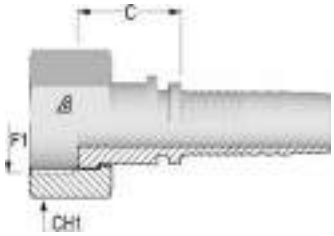


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202422	H1220581-040400	Crimped	4	6,0	1/4"	4	1/4-19	16,8	19,5	19,0
1202025	H1220581-060600	Crimped	6	10,0	3/8"	6	3/8-19	18,8	22,0	22,0
1202026	H1220581-060800	Crimped	6	10,0	3/8"	8	1/2-14	21,5	22,5	27,0
1202027	H1220581-080800	Crimped	8	13,0	1/2"	8	1/2-14	22,6	24,5	27,0
1203213	H1220581-121200	Crimped	12	19,0	3/4"	12	3/4-14	26,7	31,0	32,0
1203330	H1220581-1616B0	Crimped	16	25,0	1"	16	1-11	34,6	37,5	38,0

Design and dimensions shown may be changed without prior notice

// H1220613

BSPP Female Flat Seat
DKR FD

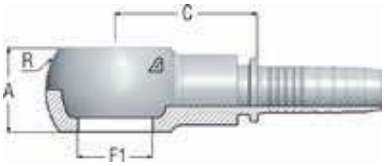


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1202226	H1220613-040400	Slip on nut	4	6,0	1/4"	4	1/4-19	20,3	19,0
1202227	H1220613-060600	Slip on nut	6	10,0	3/8"	6	3/8-19	20,3	22,0
1202140	H1220613-060800	Slip on nut	6	10,0	3/8"	8	1/2-14	20,8	27,0
1202228	H1220613-080800	Slip on nut	8	13,0	1/2"	8	1/2-14	21,6	27,0
1202229	H1220613-081200	Slip on nut	8	13,0	1/2"	12	3/4-14	24,6	32,0
1201684	H1220611-101200	Crimped	10	16,0	5/8"	12	3/4-14	17,6	32,0
1201570	H1220611-121200	Crimped	12	19,0	3/4"	12	3/4-14	18,1	32,0
1216659	H1220611-121600	Crimped	12	19,0	3/4"	16	1-11	20,6	38,0
1201384	H1220611-161600	Crimped	16	25,0	1"	16	1-11	19,9	38,0

Image: insert with Slip on Nut.

// H1230310

BSPP Banjo - RNR

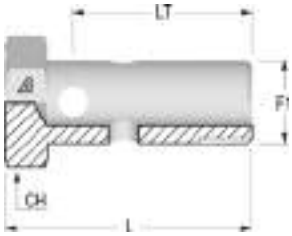


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	C (mm)	R (mm)	A (mm)
1203087	H1230310-040200	4	6,0	1/4"	1/8-28	20,0	17	10
1203086	H1230310-040400	4	6,0	1/4"	1/4-19	26,5	22	14
1216840	H1230310-040600	4	6,0	1/4"	3/8-19	30,5	28	18
1201763	H1230310-050600	5	8,0	5/16"	3/8-19	30,5	28	18
1201760	H1230310-060600	6	10,0	3/8"	3/8-19	24,3	28	18
1201754	H1230310-060800	6	10,0	3/8"	1/2-14	34,5	38	22
1203048	H1230310-080800	8	13,0	1/2"	1/2-14	35,0	38	22
1216843	H1230310-080600	8	13,0	1/2"	3/8-19	30,5	28	18
1203085	H1230310-101000	10	16,0	5/8"	5/8-14	38,0	40	24
1200423	H1230310-121200	12	19,0	3/4"	3/4-14	41,5	46	29
1203084	H1230310-161600	16	25,0	1"	1-11	50,5	58	36

Design and dimensions shown may be changed without prior notice

// H10V0210

BSPP Bolt



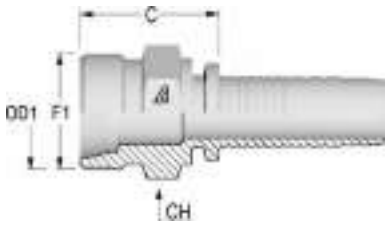
Item Code	Product Code	F1 Dash	F1	LT (mm)	L1 (mm)	CH (mm)
1210366	H10V0210-040000	4	1/4-19	25	30,0	19,0
1210367	H10V0210-060000	6	3/8-19	31	38,0	22,0
1210365	H10V0210-080000	8	1/2-14	38	46,0	27,0
1210404	H10V0210-100000	10	5/8-14	42	51,0	28,0
1210403	H10V0210-120000	12	3/4-14	47	56,0	32,0
1210402	H10V0210-160000	16	1-11	58	69,0	38,0

Design and dimensions shown may be changed without prior notice

// DIN METRIC INSERTS

// H1211110

Metric Male 24° Seat
DIN 3853 - Light Series
CEL

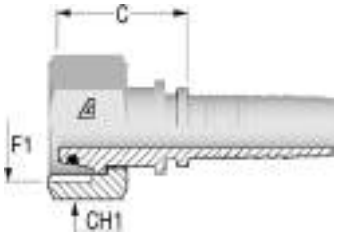


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH (mm)
1200451	H1211110-031200	3	5,0	3/16"	M12X1.5	6	20,8	14,0
1201558	H1211110-041600	4	6,0	1/4"	M16X1.5	10	23,3	17,0
1200482	H1211110-041400	4	6,0	1/4"	M14X1.5	8	21,3	14,0
1200481	H1211110-041200	4	6,0	1/4"	M12X1.5	6	21,3	14,0
1200518	H1211110-051600	5	8,0	5/16"	M16X1.5	10	23,3	17,0
1201086	H1211110-051800	5	8,0	5/16"	M18X1.5	12	24,3	19,0
1200314	H1211110-061600	6	10,0	3/8"	M16X1.5	10	23,3	17,0
1200315	H1211110-061800	6	10,0	3/8"	M18X1.5	12	24,3	19,0
1200320	H1211110-062200	6	10,0	3/8"	M22X1.5	15	25,3	22,0
1200362	H1211110-082600	8	13,0	1/2"	M26X1.5	18	27,1	27,0
1202565	H1211110-081800	8	13,0	1/2"	M18X1.5	12	25,1	19,0
1200358	H1211110-082200	8	13,0	1/2"	M22X1.5	15	26,1	22,0
1200401	H1211110-102600	10	16,0	5/8"	M26X1.5	18	27,1	27,0
1200432	H1211110-123000	12	19,0	3/4"	M30X2	22	31,6	32,0
1201372	H1211110-163600	16	25,0	1"	M36X2	28	34,4	36,0
1201373	H1211110-204500	20	32,0	1 1/4"	M45X2	35	40,0	46,0
1201374	H1211110-245200	24	38,0	1 1/2"	M52X2	42	42,0	55,0

Design and dimensions shown may be changed without prior notice

// H1221513

Metric Female 24° Cone with O-Ring
ISO 8434-1 - Light Series
DKOL



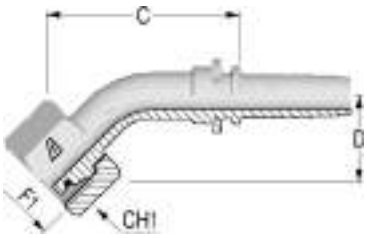
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1200595	H1221513-031200	Slip on nut	3	5,0	3/16"	M12X1.5	6	23,9	14,0
1202944	H1221511-041200	Crimped	4	6,0	1/4"	M12X1.5	6	24,8	14,0
1200614	H1221513-041400	Slip on nut	4	6,0	1/4"	M14X1.5	8	24,4	17,0
1200609	H1221513-041600	Slip on nut	4	6,0	1/4"	M16X1.5	10	25,4	19,0
1201060	H1221513-041800	Slip on nut	4	6,0	1/4"	M18X1.5	12	25,4	22,0
1238160	H1221512-051400	Thrust wire nut	5	8,0	5/16"	M14X1.5	8	47,7	17,0
1200642	H1221513-051600	Slip on nut	5	8,0	5/16"	M16X1.5	10	25,4	19,0
1200643	H1221513-051800	Slip on nut	5	8,0	5/16"	M18X1.5	12	25,4	22,0
1200667	H1221513-061800	Slip on nut	6	10,0	3/8"	M18X1.5	12	25,4	22,0
1200670	H1221513-062200	Slip on nut	6	10,0	3/8"	M22X1.5	15	27,4	27,0
1246243	H1221511-061600	Crimped	6	10,0	3/8"	M16X1.5	3/8"	23,4	19,0
1238162	H1221512-081800	Thrust wire nut	8	13,0	1/2"	M18X1.5	12	24,0	22,0
1200707	H1221513-082200	Slip on nut	8	13,0	1/2"	M22X1.5	15	28,2	27,0
1201843	H1221513-082600	Slip on nut	8	13,0	1/2"	M26X1.5	18	29,2	32,0
1238163	H1221512-102200	Thrust wire nut	10	16,0	5/8"	M22X1.5	15	25,3	27,0
1200736	H1221513-102600	Slip on nut	10	16,0	5/8"	M26X1.5	18	29,2	32,0
1239646	H1221512-122600	Thrust wire nut	12	19,0	3/4"	M26X1.5	18	25,5	32,0
1200762	H1221513-123000	Slip on nut	12	19,0	3/4"	M30X2	22	31,7	36,0
1220609	H1221513-123600	Slip on nut	12	19,0	3/4"	M36X2	28	32,8	41,0
1201593	H1221512-163000	Thrust wire nut	16	25,0	1"	M30X2	22	44,6	36,0
1201385	H1221513-163600	Slip on nut	16	25,0	1"	M36X2	28	33,6	41,0
1225980	H1221513-164500	Slip on nut	16	25,0	1"	M45X2	35	38,5	50,0
1201386	H1221513-204500	Slip on nut	20	32,0	1 1/4"	M45X2	35	40,1	50,0
1201387	H1221513-245200	Slip on nut	24	38,0	1 1/2"	M52X2	42	40,5	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1221543

45° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Light Series
DKOL 45
Solid one piece



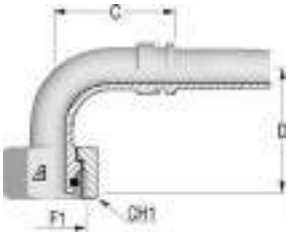
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1200594	H1221543-031200	Slip on nut	3	5,0	3/16"	M12X1.5	6	44,9	19,0	14,0
1216676	H1221541-041200	Crimped	4	6,0	1/4"	M12X1.5	6	45,2	15,5	14,0
1200612	H1221543-041400	Slip on nut	4	6,0	1/4"	M14X1.5	8	43,0	17,5	17,0
1201576	H1221543-041600	Slip on nut	4	6,0	1/4"	M16X1.5	10	42,0	20,0	19,0
1200645	H1221543-051600	Slip on nut	5	8,0	5/16"	M16X1.5	10	47,5	20,0	19,0
1200646	H1221543-051800	Slip on nut	5	8,0	5/16"	M18X1.5	12	47,0	22,0	22,0
1246245	H1221541-061600	Crimped	6	10,0	3/8"	M16X1.5	10	43,0	19,0	19,0
1200671	H1221543-061800	Slip on nut	6	10,0	3/8"	M18X1.5	12	46,8	19,5	22,0
1239971	H1221542-081800	Thrust wire nut	8	13,0	1/2"	M18X1.5	12	52,0	23,0	22,0
1200711	H1221543-082200	Slip on nut	8	13,0	1/2"	M22X1.5	15	55,0	21,0	27,0
1200738	H1221543-102600	Slip on nut	10	16,0	5/8"	M26X1.5	18	65,3	24,0	32,0
1240723	H1221542-122600	Thrust wire nut	12	19,0	3/4"	M26X1.5	20	77,0	34,0	32,0
1200764	H1221543-123000	Slip on nut	12	19,0	3/4"	M30X2	22	69,4	32,0	36,0
1225983	H1221542-163000	Thrust wire nut	16	25,0	1"	M30X2	22	71,1	29,0	36,0
1201390	H1221543-163600	Slip on nut	16	25,0	1"	M36X2	28	91,4	32,0	41,0
1201392	H1221543-204500	Slip on nut	20	32,0	1 1/4"	M45X2	35	100,0	45,0	50,0
1202128	H1221543-245200	Slip on nut	24	38,0	1 1/2"	M52X2	42	114,1	47,0	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1221593

90° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Light Series
DKOL 90
Solid one piece



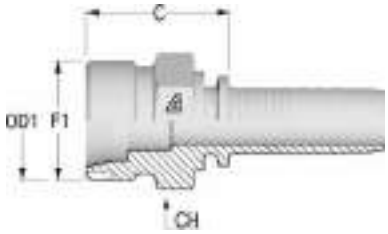
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1200597	H1221593-031200	Slip on nut	3	5,0	3/16"	M12X1.5	6	23,6	33,0	14,0
1203240	H1221591-041200	Crimped	4	6,0	1/4"	M12X1.5	6	29,5	26,0	14,0
1200618	H1221593-041400	Slip on nut	4	6,0	1/4"	M14X1.5	8	28,3	32,5	17,0
1200616	H1221593-041600	Slip on nut	4	6,0	1/4"	M16X1.5	10	27,0	34,0	19,0
1203218	H1221593-041800	Slip on nut	4	6,0	1/4"	M18X1.5	12	28,8	35,0	22,0
1200648	H1221593-051600	Slip on nut	5	8,0	5/16"	M16X1.5	10	33,7	38,0	19,0
1200649	H1221593-051800	Slip on nut	5	8,0	5/16"	M18X1.5	12	32,2	40,0	22,0
1246244	H1221591-061600	Crimped	6	10,0	3/8"	M16X1.5	10	36,0	36,0	19,0
1200676	H1221593-061800	Slip on nut	6	10,0	3/8"	M18X1.5	12	32,8	39,0	22,0
1200679	H1221593-062200	Slip on nut	6	10,0	3/8"	M22X1.5	15	35,8	38,5	27,0
1238173	H1221592-081800	Thrust wire nut	8	13,0	1/2"	M18X1.5	12	42,0	44,0	22,0
1200713	H1221593-082200	Slip on nut	8	13,0	1/2"	M22X1.5	15	39,8	40,5	27,0
1203154	H1221593-082600	Slip on nut	8	13,0	1/2"	M26X1.5	18	39,8	41,0	32,0
1201292	H1221593-1022B0	Slip on nut	10	16,0	5/8"	M22X1.5	15	51,4	47,0	27,0
1200740	H1221593-102600	Slip on nut	10	16,0	5/8"	M26X1.5	18	51,4	48,0	32,0
1200742	H1221593-103000	Slip on nut	10	16,0	5/8"	M30X2	22	52,4	49,0	36,0
1239736	H1221592-122600	Thrust wire nut	12	19,0	3/4"	M26X1.5	18	60,0	64,0	32,0
1200767	H1221593-123000	Slip on nut	12	19,0	3/4"	M30X2	22	52,1	59,0	36,0
1216685	H1221593-123600	Slip on nut	12	19,0	3/4"	M36X2	28	60,0	63,0	41,0
1225987	H1221592-163000	Thrust wire nut	16	25,0	1"	M30X2	22	66,0	64,0	36,0
1201391	H1221593-163600	Slip on nut	16	25,0	1"	M36X2	28	75,0	68,0	41,0
1216679	H1221592-203600	Thrust wire nut	20	32,0	1 1/4"	M36X2	28	92,2	86,0	41,0
1201393	H1221593-204500	Slip on nut	20	32,0	1 1/4"	M45X2	35	90,5	89,0	50,0
1201394	H1221593-245200	Slip on nut	24	38,0	1 1/2"	M52X2	42	106,5	97,5	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1211210

Metric Male 24° Seat
DIN 3853 - Heavy Series
CES

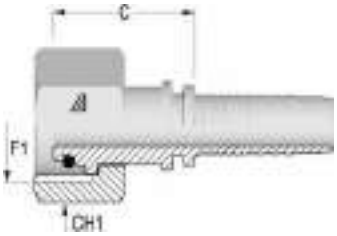


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH (mm)
1201828	H1211210-041400	4	6,0	1/4"	M14X1.5	6	24,3	17,0
1200485	H1211210-041600	4	6,0	1/4"	M16X1.5	8	24,3	17,0
1200477	H1211210-041800	4	6,0	1/4"	M18X1.5	10	25,3	19,0
1200521	H1211210-052000	5	8,0	5/16"	M20X1.5	12	25,3	22,0
1200316	H1211210-062000	6	10,0	3/8"	M20X1.5	12	25,3	22,0
1221728	H1211210-062400	6	10,0	3/8"	M24X1.5	16	28,1	24,0
1200319	H1211210-062200	6	10,0	3/8"	M22X1.5	14	27,3	22,0
1202267	H1211210-061800	6	10,0	3/8"	M18X1.5	10	25,3	19,0
1200360	H1211210-082400	8	13,0	1/2"	M24X1.5	16	29,1	24,0
1200364	H1211210-083000	8	13,0	1/2"	M30X2	20	33,1	32,0
1202564	H1211210-082200	8	13,0	1/2"	M22X1.5	14	28,1	22,0
1200403	H1211210-103000	10	16,0	5/8"	M30X2	20	33,1	32,0
1202526	H1211210-123000	12	19,0	3/4"	M30X2	20	33,6	32,0
1200434	H1211210-123600	12	19,0	3/4"	M36X2	25	37,6	36,0
1201375	H1211210-164200	16	25,0	1"	M42X2	30	42,4	46,0
1203151	H1211210-163600	16	25,0	1"	M36X2	25	38,4	36,0
1201376	H1211210-205200	20	32,0	1 1/4"	M52X2	38	48,0	55,0

Design and dimensions shown may be changed without prior notice

// H1221613

Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS



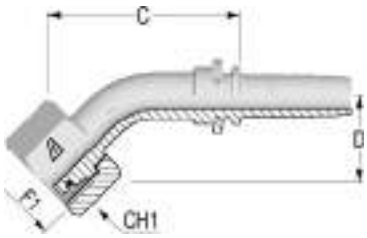
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1200596	H1221613-031600	Slip on nut	3	5,0	3/16"	M16X1.5	8	27,2	19,0
1201827	H1221613-041400	Slip on nut	4	6,0	1/4"	M14X1.5	6	26,4	17,0
1200615	H1221613-041600	Slip on nut	4	6,0	1/4"	M16X1.5	8	27,7	19,0
1200610	H1221613-041800	Slip on nut	4	6,0	1/4"	M18X1.5	10	27,6	22,0
1201061	H1221613-042000	Slip on nut	4	6,0	1/4"	M20X1.5	12	27,6	24,0
1201832	H1221613-051800	Slip on nut	5	8,0	5/16"	M18X1.5	10	27,6	22,0
1200644	H1221613-052000	Slip on nut	5	8,0	5/16"	M20X1.5	12	27,6	24,0
1239671	H1221612-061600	Thrust wire nut	6	10,0	3/8"	M16X1.5	8	23,2	19,0
1238179	H1221612-061800	Thrust wire nut	6	10,0	3/8"	M18X1.5	10	22,3	22,0
1200668	H1221613-062000	Slip on nut	6	10,0	3/8"	M20X1.5	12	27,6	24,0
1200669	H1221613-062200	Slip on nut	6	10,0	3/8"	M22X1.5	14	31,1	27,0
1202570	H1221613-062400	Slip on nut	6	10,0	3/8"	M24X1.5	16	30,9	30,0
1239650	H1221612-082000	Thrust wire nut	8	13,0	1/2"	M20X1.5	12	23,2	24,0
1218557	H1221613-082200	Slip on nut	8	13,0	1/2"	M22X1.5	14	31,9	27,0
1200708	H1221613-082400	Slip on nut	8	13,0	1/2"	M24X1.5	16	31,7	30,0
1200710	H1221613-083000	Slip on nut	8	13,0	1/2"	M30X2	20	36,5	36,0
1200737	H1221613-103000	Slip on nut	10	16,0	5/8"	M30X2	20	36,5	36,0
1201732	H1221613-123000	Slip on nut	12	19,0	3/4"	M30X2	20	37,0	36,0
1200763	H1221613-123600	Slip on nut	12	19,0	3/4"	M36X2	25	40,2	46,0
1239744	H1221612-163000	Thrust wire nut	16	25,0	1"	M30X2	20	29,8	36,0
1203099	H1221613-163600	Slip on nut	16	25,0	1"	M36X2	25	41,0	46,0
1201388	H1221613-164200	Slip on nut	16	25,0	1"	M42X2	30	43,1	50,0
1216693	H1221613-204200	Slip on nut	20	32,0	1 1/4"	M42X2	30	44,7	50,0
1201389	H1221613-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	48,1	60,0
1216695	H1221613-245200	Slip on nut	24	38,0	1 1/2"	M52X2	38	48,1	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1221643

45° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS 45
Solid one piece

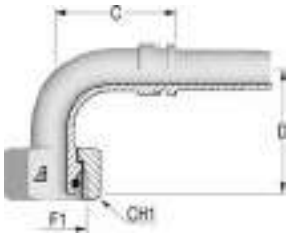


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1216697	H1221643-041400	Slip on nut	4	6,0	1/4"	M14X1.5	6	47,0	20,0	17,0
1200613	H1221643-041600	Slip on nut	4	6,0	1/4"	M16X1.5	8	48,6	16,0	19,0
1200611	H1221643-041800	Slip on nut	4	6,0	1/4"	M18X1.5	10	43,5	19,0	22,0
1240698	H1221643-051800	Slip on nut	5	8,0	5/16"	M18X1.5	10	46,0	18,0	22,0
1200647	H1221643-052000	Slip on nut	5	8,0	5/16"	M20X1.5	12	48,1	21,0	24,0
1239968	H1221642-061800	Thrust wire nut	6	10,0	3/8"	M18X1.5	10	47,0	21,0	22,0
1200672	H1221643-062000	Slip on nut	6	10,0	3/8"	M20X1.5	12	50,6	20,0	24,0
1200673	H1221643-062200	Slip on nut	6	10,0	3/8"	M22X1.5	14	52,9	21,0	27,0
1242602	H1221642-082000	Thrust wire nut	8	13,0	1/2"	M20X1.5	12	54,0	24,0	24,0
1200712	H1221643-082400	Slip on nut	8	13,0	1/2"	M24X1.5	16	55,8	21,5	30,0
1201300	H1221643-103000	Slip on nut	10	16,0	5/8"	M30X2	20	66,3	30,0	36,0
1202891	H1221643-123000	Slip on nut	12	19,0	3/4"	M30X2	20	66,1	29,0	36,0
1200765	H1221643-123600	Slip on nut	12	19,0	3/4"	M36X2	25	69,5	33,0	46,0
1203098	H1221643-163600	Slip on nut	16	25,0	1"	M36X2	25	89,7	36,0	46,0
1201395	H1221643-164200	Slip on nut	16	25,0	1"	M42X2	30	110,3	40,5	50,0
1201398	H1221643-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	109,0	45,0	60,0

Image: insert with Slip on Nut.

// H1221693

90° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS 90
Solid one piece



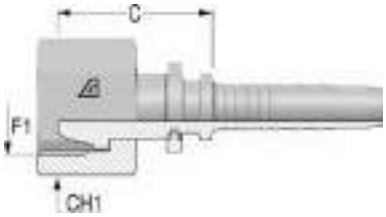
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1201065	H1221693-041400	Slip on nut	4	6,0	1/4"	M14X1.5	6	27,3	33,0	17,0
1200619	H1221693-041600	Slip on nut	4	6,0	1/4"	M16X1.5	8	27,3	33,0	19,0
1200617	H1221693-041800	Slip on nut	4	6,0	1/4"	M18X1.5	10	26,8	34,0	22,0
1216700	H1221693-051800	Slip on nut	5	8,0	5/16"	M18X1.5	10	33,2	39,0	22,0
1200650	H1221693-052000	Slip on nut	5	8,0	5/16"	M20X1.5	12	33,2	39,0	24,0
1239989	H1221692-061600	Thrust wire nut	6	10,0	3/8"	M16X1.5	8	33,0	38,0	19,0
1239926	H1221692-061800	Thrust wire nut	6	10,0	3/8"	M18X1.5	10	35,0	38,0	22,0
1200677	H1221693-062000	Slip on nut	6	10,0	3/8"	M20X1.5	12	34,3	38,5	24,0
1200678	H1221693-062200	Slip on nut	6	10,0	3/8"	M22X1.5	14	34,3	40,5	27,0
1240110	H1221692-082000	Thrust wire nut	8	13,0	1/2"	M20X1.5	12	40,0	45,0	24,0
1200714	H1221693-082400	Slip on nut	8	13,0	1/2"	M24X1.5	16	39,8	41,5	30,0
1201253	H1221693-083000	Slip on nut	8	13,0	1/2"	M30X2	20	45,8	50,0	36,0
1240088	H1221692-102400	Thrust wire nut	10	16,0	5/8"	M24X1.5	16	52,0	56,0	30,0
1200741	H1221693-103000	Slip on nut	10	16,0	5/8"	M30X2	20	47,9	55,0	36,0
1200766	H1221693-123000	Slip on nut	12	19,0	3/4"	M30X2	20	50,6	58,0	36,0
1200768	H1221693-123600	Slip on nut	12	19,0	3/4"	M36X2	25	50,6	59,5	46,0
1203097	H1221693-163600	Slip on nut	16	25,0	1"	M36X2	25	77,6	73,5	46,0
1201396	H1221693-164200	Slip on nut	16	25,0	1"	M42X2	30	75,6	79,0	50,0
1203096	H1221693-204200	Slip on nut	20	32,0	1 1/4"	M42X2	30	95,0	88,0	50,0
1201397	H1221693-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	94,0	92,0	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1221313

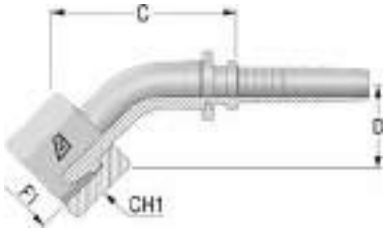
Universal Metric Female



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1200631	H1221313-041400	Slip on nut	4	6,0	1/4"	14	M14X1.5	22,3	17,0
1200632	H1221313-041600	Slip on nut	4	6,0	1/4"	16	M16X1.5	22,3	19,0
1200633	H1221313-041800	Slip on nut	4	6,0	1/4"	18	M18X1.5	22,3	22,0
1200658	H1221313-051600	Slip on nut	5	8,0	5/16"	16	M16X1.5	22,3	19,0
1200659	H1221313-051800	Slip on nut	5	8,0	5/16"	18	M18X1.5	22,3	22,0
1200698	H1221313-061800	Slip on nut	6	10,0	3/8"	18	M18X1.5	22,3	22,0
1200729	H1221313-082200	Slip on nut	8	13,0	1/2"	22	M22X1.5	24,7	27,0
1200753	H1221313-102600	Slip on nut	10	16,0	5/8"	26	M26X1.5	25,1	32,0

// H1221343

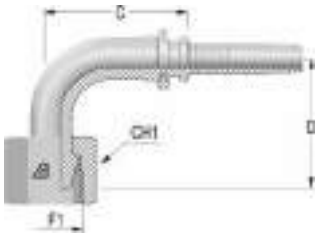
45° Universal Metric Female



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1216669	H1221343-041400	Slip on nut	4	6,0	1/4"	14	M14X1.5	36,5	16,0	17,0
1200660	H1221343-051600	Slip on nut	5	8,0	5/16"	16	M16X1.5	42,1	19,0	19,0
1201450	H1221343-061800	Slip on nut	6	10,0	3/8"	18	M18X1.5	42,8	20,0	22,0
1225972	H1221343-082200	Slip on nut	8	13,0	1/2"	22	M22X1.5	54,9	20,0	27,0
1225973	H1221343-102600	Slip on nut	10	16,0	5/8"	26	M26X1.5	54,0	22,0	32,0

// H1221393

90° Universal Metric Female

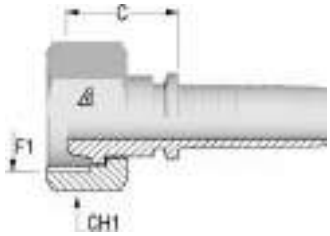


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1225975	H1221393-041400	Slip on nut	4	6,0	1/4"	14	M14X1.5	28,4	30,0	17,0
1201452	H1221393-041600	Slip on nut	4	6,0	1/4"	16	M16X1.5	28,3	33,0	19,0
1200661	H1221393-051600	Slip on nut	5	8,0	5/16"	16	M16X1.5	34,2	36,0	19,0
1201323	H1221393-051800	Slip on nut	5	8,0	5/16"	18	M18X1.5	34,0	32,0	22,0
1200701	H1221393-061800	Slip on nut	6	10,0	3/8"	18	M18X1.5	32,8	37,0	22,0
1201580	H1221393-062200	Slip on nut	6	10,0	3/8"	22	M22X1.5	32,3	36,0	27,0
1200730	H1221393-082200	Slip on nut	8	13,0	1/2"	22	M22X1.5	39,8	40,0	27,0
1216672	H1221393-102600	Slip on nut	10	16,0	5/8"	26	M26X1.5	51,0	46,0	32,0

Design and dimensions shown may be changed without prior notice

// H1221013

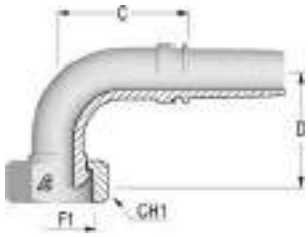
Metric Female 60° Cone
DIN 3863



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1200759	H1221013-123000	Slip on nut	12	19,0	3/4"	30	M30X1.5	21,6	36,0
1201572	H1221013-163800	Slip on nut	16	25,0	1"	38	M38X1.5	28,0	46,0

// H1221093

90° Metric Female 60° Cone
DIN 3863
Solid one piece

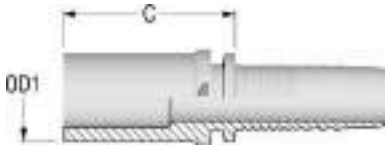


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202056	H1221093-123000	Slip on nut	12	19,0	3/4"	30	M30X1.5	54,6	47,0	36,0
1201620	H1221093-163800	Slip on nut	16	25,0	1"	38	M38X1.5	72,6	60,0	46,0

Design and dimensions shown may be changed without prior notice

// H1252010

Metric Straight Standpipe
DIN 2353
RSL/RSS

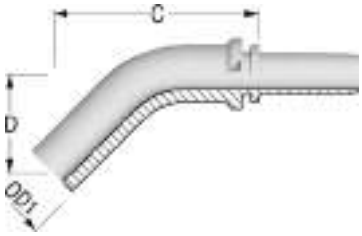


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	OD1	C (mm)
1200855	H1252010-030600	3	5,0	3/16"	6	27,8
1200856	H1252010-030800	3	5,0	3/16"	8	29,8
1200865	H1252010-040600	4	6,0	1/4"	6	28,3
1200867	H1252010-040800	4	6,0	1/4"	8	30,2
1200859	H1252010-041000	4	6,0	1/4"	10	32,2
1200860	H1252010-041200	4	6,0	1/4"	12	31,2
1200878	H1252010-050800	5	8,0	5/16"	8	30,3
1200871	H1252010-051000	5	8,0	5/16"	10	30,2
1200872	H1252010-051200	5	8,0	5/16"	12	32,7
1200793	H1252010-061000	6	10,0	3/8"	10	30,3
1200794	H1252010-061200	6	10,0	3/8"	12	29,3
1200796	H1252010-061400	6	10,0	3/8"	14	35,8
1200797	H1252010-061500	6	10,0	3/8"	15	34,8
1216922	H1252010-081000	8	13,0	1/2"	10	32,5
1200809	H1252010-081200	8	13,0	1/2"	12	32,1
1200811	H1252010-081400	8	13,0	1/2"	14	36,1
1200812	H1252010-081500	8	13,0	1/2"	15	32,1
1200813	H1252010-081600	8	13,0	1/2"	16	37,1
1200815	H1252010-081800	8	13,0	1/2"	18	36,0
1200828	H1252010-101800	10	16,0	5/8"	18	34,2
1200829	H1252010-102000	10	16,0	5/8"	20	44,2
1200832	H1252010-102200	10	16,0	5/8"	22	37,2
1200838	H1252010-122000	12	19,0	3/4"	20	45,5
1200840	H1252010-122200	12	19,0	3/4"	22	36,5
1200841	H1252010-122500	12	19,0	3/4"	25	48,5
1201442	H1252010-162500	16	25,0	1"	25	51,4
1201440	H1252010-162800	16	25,0	1"	28	40,4
1201441	H1252010-163000	16	25,0	1"	30	54,4
1214227	H1252010-163800	16	25,0	1"	38	60,4
1214228	H1252010-203000	20	32,0	1 1/4"	30	56,0
1201443	H1252010-203500	20	32,0	1 1/4"	35	48,0
1201444	H1252010-203800	20	32,0	1 1/4"	38	62,0
1203082	H1252010-243800	24	38,0	1 1/2"	38	62,0
1201445	H1252010-244200	24	38,0	1 1/2"	42	52,0

Design and dimensions shown may be changed without prior notice

// H1252040

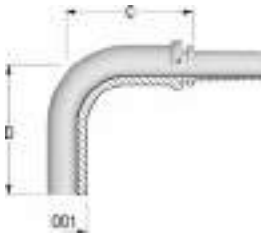
45° Metric Standpipe
DIN 2353 - RSL45/RSS 45
Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	OD1	C (mm)	D Drop (mm)
1200863	H1252040-040600	4	6,0	1/4"	6	50,1	28,0
1200864	H1252040-040800	4	6,0	1/4"	8	43,2	23,0
1200862	H1252040-041000	4	6,0	1/4"	10	48,0	24,0
1200876	H1252040-051000	5	8,0	5/16"	10	48,4	24,0
1200877	H1252040-051200	5	8,0	5/16"	12	55,4	28,0
1200800	H1252040-061000	6	10,0	3/8"	10	48,5	24,0
1200801	H1252040-061200	6	10,0	3/8"	12	55,5	28,0
1200802	H1252040-061400	6	10,0	3/8"	14	53,1	28,0
1200817	H1252040-081500	8	13,0	1/2"	15	62,6	28,5
1200818	H1252040-081600	8	13,0	1/2"	16	63,3	32,0
1200843	H1252040-122200	12	19,0	3/4"	22	74,3	37,0
1200844	H1252040-122500	12	19,0	3/4"	25	83,0	44,0
1214232	H1252040-163000	16	25,0	1"	30	137,0	46,1

// H1252090

90° Metric Standpipe
DIN 2353 - RSL 90/RSS90
Solid one piece

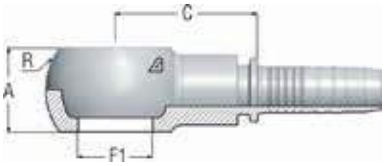


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	OD1	C (mm)	D Drop (mm)
1200857	H1252090-030600	3	5,0	3/16"	6	24,5	36,0
1200869	H1252090-040600	4	6,0	1/4"	6	25,4	36,0
1200870	H1252090-040800	4	6,0	1/4"	8	25,9	44,0
1200868	H1252090-041000	4	6,0	1/4"	10	37,0	42,0
1202296	H1252090-041200	4	6,0	1/4"	12	38,0	50,0
1200879	H1252090-051000	5	8,0	5/16"	10	28,6	48,5
1200880	H1252090-051200	5	8,0	5/16"	12	39,4	55,0
1200803	H1252090-061000	6	10,0	3/8"	10	30,7	42,0
1200804	H1252090-061200	6	10,0	3/8"	12	35,0	50,0
1200805	H1252090-061400	6	10,0	3/8"	14	37,0	50,0
1218454	H1252090-081200	8	13,0	1/2"	12	41,1	52,0
1200822	H1252090-081500	8	13,0	1/2"	15	44,7	57,0
1200823	H1252090-081600	8	13,0	1/2"	16	43,7	64,0
1203079	H1252090-081800	8	13,0	1/2"	18	58,1	59,0
1200835	H1252090-101800	10	16,0	5/8"	18	52,2	58,0
1200836	H1252090-102000	10	16,0	5/8"	20	62,6	70,0
1210832	H1252090-102200	10	16,0	5/8"	22	49,4	64,0
1203081	H1252090-122000	12	19,0	3/4"	20	63,4	70,0
1200846	H1252090-122200	12	19,0	3/4"	22	53,1	67,5
1200847	H1252090-122500	12	19,0	3/4"	25	63,2	85,0
1214233	H1252090-162500	16	25,0	1"	25	73,1	98,5
1202886	H1252090-162800	16	25,0	1"	28	73,1	89,5
1214234	H1252090-163000	16	25,0	1"	30	73,1	102,5
1214235	H1252090-203500	20	32,0	1 1/4"	35	89,0	106,5

Design and dimensions shown may be changed without prior notice

// H1230910

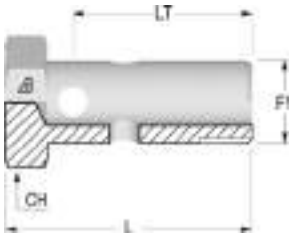
Metric Banjo
RNM



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	C (mm)	R (mm)	A (mm)
1202577	H1230910-031000	3	5,0	3/16"	M10X1.0	24,0	17	10
1200470	H1230910-041400	4	6,0	1/4"	M14X1.5	27,5	24	14
1200468	H1230910-041000	4	6,0	1/4"	M10X1.0	25,0	17	10
1200469	H1230910-041200	4	6,0	1/4"	M12X1.5	28,5	20	12
1200516	H1230910-051800	5	8,0	5/16"	M18X1.5	28,5	32	20
1200514	H1230910-051400	5	8,0	5/16"	M14X1.5	27,5	24	14
1200515	H1230910-051600	5	8,0	5/16"	M16X1.5	30,5	28	18
1200513	H1230910-051200	5	8,0	5/16"	M12X1.5	28,5	24	12
1200310	H1230910-061600	6	10,0	3/8"	M16X1.5	30,5	28	18
1200309	H1230910-061400	6	10,0	3/8"	M14X1.5	27,5	24	14
1200311	H1230910-061800	6	10,0	3/8"	M18X1.5	31,5	32	20
1200347	H1230910-082200	8	13,0	1/2"	M22X1.5	35,0	39	22
1200346	H1230910-081800	8	13,0	1/2"	M18X1.5	32,0	32	20
1200389	H1230910-102200	10	16,0	5/8"	M22X1.5	35,0	39	24
1200422	H1230910-122600	12	19,0	3/4"	M26X1.5	38,5	46	29
1203083	H1230910-163000	16	25,0	1"	M30X1.5	42,5	54	36

// H10V0810

Metric Bolt



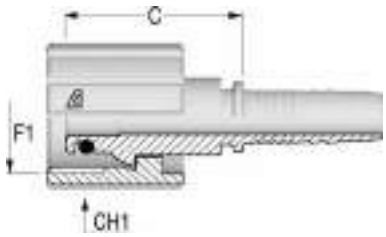
Item Code	Product Code	F1 Dash	F1	LT (mm)	L1 (mm)	CH (mm)
1210374	H10V0810-100000	10	M10X1.0	19	24,0	14,0
1210375	H10V0810-120000	12	M12X1.5	24	29,0	17,0
1210368	H10V0810-140000	14	M14X1.5	28	34,0	19,0
1210384	H10V0810-160000	16	M16X1.5	34	41,0	22,0
1210369	H10V0810-180000	18	M18X1.5	37	44,0	24,0
1210371	H10V0810-220000	22	M22X1.5	41	48,0	27,0
1210406	H10V0810-260000	26	M26X1.5	42	52,0	32,0
1210405	H10V0810-300000	30	M30X1.5	51	62,0	38,0

Design and dimensions shown may be changed without prior notice

// PRESSURE WASHER

// H1224914

Universal Female for Pressure Washer



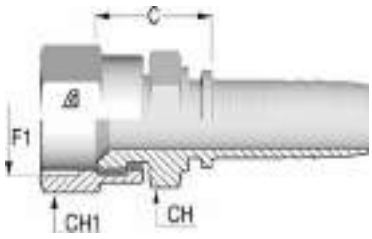
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1203350	H1224914-042200	Slip on nut	4	6,0	1/4"	22	M22X1.5	36,8	35,0
1203351	H1224914-052200	Slip on nut	5	8,0	5/16"	22	M22X1.5	36,8	35,0
1203352	H1224914-062200	Slip on nut	6	10,0	3/8"	22	M22X1.5	36,8	35,0

Design and dimensions shown may be changed without prior notice

// SAE INSERTS

// H1226611

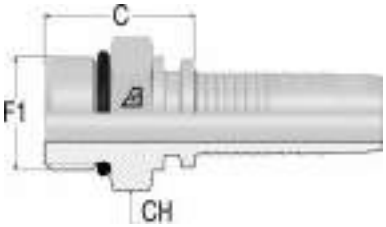
SAE Female Swivel 45° Seat



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1202661	H1226611-060600	Crimped	6	10,0	3/8"	6	5/8-18	23,3	19,0	22,0
1226098	H1226611-081000	Crimped	8	13,0	1/2"	10	7/8-14	26,6	22,0	27,0
1202371	H1226611-121200	Crimped	12	19,0	3/4"	12	1 1/16-14	28,6	27,0	32,0

// H1213010

SAE Male Solid - O-Ring Boss

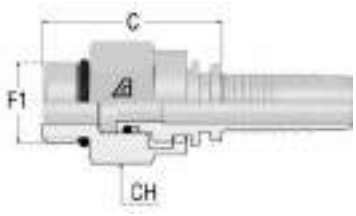


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1203147	H1213010-040400	4	6,0	1/4"	4	7/16-20	20,3	14,0
1201833	H1213010-040500	4	6,0	1/4"	5	1/2-20	21,3	16,0
1202519	H1213010-040600	4	6,0	1/4"	6	9/16-18	22,3	17,0
1201834	H1213010-060600	6	10,0	3/8"	6	9/16-18	23,3	19,0
1200337	H1213010-060800	6	10,0	3/8"	8	3/4-16	24,3	22,0
1200338	H1213010-061000	6	10,0	3/8"	10	7/8-14	26,8	27,0
1200382	H1213010-080800	8	13,0	1/2"	8	3/4-16	25,1	22,0
1200383	H1213010-081000	8	13,0	1/2"	10	7/8-14	27,6	27,0
1200381	H1213010-081200	8	13,0	1/2"	12	1 1/16-12	32,1	32,0
1221652	H1213010-101000	10	16,0	5/8"	10	7/8-14	27,6	24,0
1203146	H1213010-121000	12	19,0	3/4"	10	7/8-14	28,1	27,0
1200445	H1213010-121200	12	19,0	3/4"	12	1 1/16-12	32,6	32,0
1201836	H1213010-161600	16	25,0	1"	16	1 5/16-12	35,4	38,0
1225859	H1213010-202000	20	32,0	1 1/4"	20	1 5/8-12	39,0	46,0

Design and dimensions shown may be changed without prior notice

// H1213011

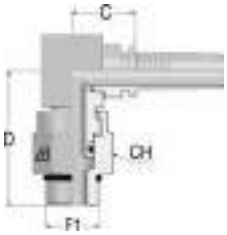
SAE Male Swivel - O-Ring Boss



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1225927	H1213011-060600	Crimped	6	10,0	3/8"	6	9/16-18	40,5	22,0
1225928	H1213011-060800	Crimped	6	10,0	3/8"	8	3/4-16	22,0	22,0
1225929	H1213011-080800	Crimped	8	13,0	1/2"	8	3/4-16	23,0	25,0
1225930	H1213011-081000	Crimped	8	13,0	1/2"	10	7/8-14	23,0	25,0
1230553	H1213011-121200	Crimped	12	19,0	3/4"	12	1 1/16-12	49,6	32,0

// H1213081

90° Compact SAE Male Swivel - O-Ring Boss



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)
1226490	H1213081-040500	Crimped	4	6,0	1/4"	5	1/2-20	17,0	34,0	17,0
1225933	H1213081-060800	Crimped	6	10,0	3/8"	8	3/4-16	22,0	44,0	25,0
1225934	H1213081-080800	Crimped	8	13,0	1/2"	8	3/4-16	21,6	49,7	25,0
1225935	H1213081-081000	Crimped	8	13,0	1/2"	10	7/8-14	23,0	49,0	25,0
1226492	H1213081-121200	Crimped	12	19,0	3/4"	12	1 1/16-12	27,0	60,0	27,0
1240593	H1213081-161600	Crimped	16	25,0	1"	16	1 5/16-12	34,4	67,5	41,0

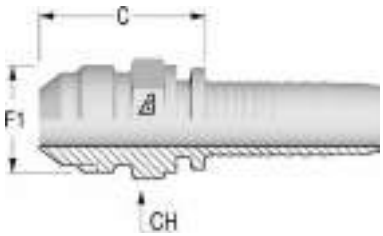
Design and dimensions shown may be changed without prior notice

// JIC 37° INSERTS

// H1212510

JIC Male 37° Cone

AGJ



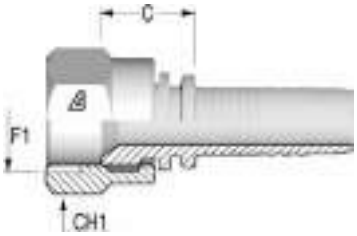
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1200457	H1212510-030400	3	5,0	3/16"	4	7/16-20	23,8	12,0
1200500	H1212510-040400	4	6,0	1/4"	4	7/16-20	25,3	12,0
1200499	H1212510-040500	4	6,0	1/4"	5	1/2-20	25,3	14,0
1200501	H1212510-040600	4	6,0	1/4"	6	9/16-18	26,3	17,0
1200534	H1212510-050500	5	8,0	5/16"	5	1/2-20	25,3	14,0
1200535	H1212510-050600	5	8,0	5/16"	6	9/16-18	26,3	17,0
1201087	H1212510-050800	5	8,0	5/16"	8	3/4-16	29,8	19,0
1200332	H1212510-060600	6	10,0	3/8"	6	9/16-18	26,3	17,0
1200330	H1212510-060800	6	10,0	3/8"	8	3/4-16	29,8	19,0
1200331	H1212510-061000	6	10,0	3/8"	10	7/8-14	33,8	24,0
1200375	H1212510-080800	8	13,0	1/2"	8	3/4-16	30,6	19,0
1200376	H1212510-081000	8	13,0	1/2"	10	7/8-14	34,6	24,0
1200374	H1212510-081200	8	13,0	1/2"	12	1 1/16-12	37,1	27,0
1200413	H1212510-101000	10	16,0	5/8"	10	7/8-14	34,6	24,0
1200411	H1212510-101200	10	16,0	5/8"	12	1 1/16-12	37,1	27,0
1200441	H1212510-121200	12	19,0	3/4"	12	1 1/16-12	37,6	27,0
1200442	H1212510-121400	12	19,0	3/4"	14	1 3/16-12	40,1	32,0
1200443	H1212510-121600	12	19,0	3/4"	16	1 5/16-12	42,6	36,0
1222989	H1212510-161200	16	25,0	1"	12	1 1/16-12	40,4	32,0
1201379	H1212510-161600	16	25,0	1"	16	1 5/16-12	43,4	36,0
1201380	H1212510-162000	16	25,0	1"	20	1 5/8-12	46,9	46,0
1201381	H1212510-202000	20	32,0	1 1/4"	20	1 5/8-12	48,5	46,0
1201785	H1212510-202400	20	32,0	1 1/4"	24	1 7/8-12	52,5	50,0
1201382	H1212510-242400	24	38,0	1 1/2"	24	1 7/8-12	52,5	50,0
1201383	H1212510-323200	32	51,0	2"	32	2 1/2-12	62,0	65,0

Design and dimensions shown may be changed without prior notice

// H1222511

JIC Female 37° Seat

DKJ



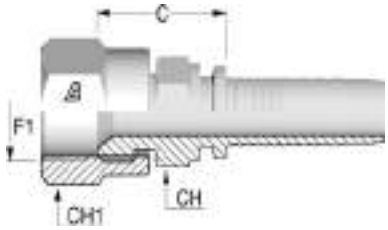
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1200600	H1222511-030400	Crimped	3	5,0	3/16"	4	7/16-20	14,3	16,0
1200625	H1222511-040400	Crimped	4	6,0	1/4"	4	7/16-20	14,6	16,0
1200623	H1222511-040500	Crimped	4	6,0	1/4"	5	1/2-20	15,3	17,0
1200626	H1222511-040600	Crimped	4	6,0	1/4"	6	9/16-18	15,3	19,0
1200655	H1222511-050500	Crimped	5	8,0	5/16"	5	1/2-20	15,3	17,0
1200656	H1222511-050600	Crimped	5	8,0	5/16"	6	9/16-18	15,3	19,0
1200691	H1222511-060600	Crimped	6	10,0	3/8"	6	9/16-18	15,3	19,0
1200687	H1222511-060800	Crimped	6	10,0	3/8"	8	3/4-16	17,8	25,0
1200690	H1222511-061000	Crimped	6	10,0	3/8"	10	7/8-14	20,3	27,0
1200723	H1222511-080800	Crimped	8	13,0	1/2"	8	3/4-16	18,6	25,0
1200725	H1222511-081000	Crimped	8	13,0	1/2"	10	7/8-14	19,6	27,0
1200722	H1222511-081200	Crimped	8	13,0	1/2"	12	1 1/16-12	22,1	32,0
1200751	H1222511-101000	Crimped	10	16,0	5/8"	10	7/8-14	19,6	27,0
1200749	H1222511-101200	Crimped	10	16,0	5/8"	12	1 1/16-12	20,1	32,0
1201841	H1222511-121000	Crimped	12	19,0	3/4"	10	7/8-14	20,1	27,0
1200774	H1222511-121200	Crimped	12	19,0	3/4"	12	1 1/16-12	20,6	32,0
1200775	H1222511-121400	Crimped	12	19,0	3/4"	14	1 3/16-12	19,9	36,0
1200776	H1222511-121600	Crimped	12	19,0	3/4"	16	1 5/16-12	22,1	38,0
1201399	H1222511-161200	Crimped	16	25,0	1"	12	1 1/16-12	22,4	32,0
1201400	H1222511-161600	Crimped	16	25,0	1"	16	1 5/16-12	23,9	38,0
1201401	H1222512-162000	Thrust wire nut	16	25,0	1"	20	1 5/8-12	26,5	50,0
1202820	H1222511-201600	Crimped	20	32,0	1 1/4"	16	1 5/16-12	26,5	38,0
1201402	H1222512-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	28,1	50,0
1201403	H1222512-202400	Thrust wire nut	20	32,0	1 1/4"	24	1 7/8-12	30,4	55,0
1201097	H1222512-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	29,4	55,0
1201404	H1222512-323200	Thrust wire nut	32	51,0	2"	32	2 1/2-12	32,0	70,0

Image: insert with Crimped Nut.

Design and dimensions shown may be changed without prior notice

// H1226511

JIC Female 37° Seat with Stem Hexagon
DKJ



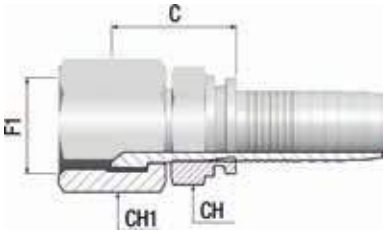
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1200599	H1226511-030400	Crimped	3	5,0	3/16"	4	7/16-20	18,1	12,0	16,0
1200621	H1226511-040400	Crimped	4	6,0	1/4"	4	7/16-20	18,3	14,0	16,0
1201264	H1226511-050600	Crimped	5	8,0	5/16"	6	9/16-18	20,3	14,0	19,0
1200622	H1226511-040600	Crimped	4	6,0	1/4"	6	9/16-18	20,3	14,0	19,0
1202406	H1226511-040500	Crimped	4	6,0	1/4"	5	1/2-20	20,3	14,0	17,0
1201497	H1226511-050500	Crimped	5	8,0	5/16"	5	1/2-20	20,3	14,0	17,0
1203246	H1226511-060400	Crimped	6	10,0	3/8"	4	7/16-20	20,6	17,0	16,0
1200686	H1226511-060600	Crimped	6	10,0	3/8"	6	9/16-18	21,3	17,0	19,0
1223146	H1226511-060500	Crimped	6	10,0	3/8"	5	1/2-20	21,3	16,0	17,0
1203090	H1226511-080600	Crimped	8	13,0	1/2"	6	9/16-18	23,1	19,0	19,0
1200685	H1226511-060800	Crimped	6	10,0	3/8"	8	3/4-16	24,8	19,0	25,0
1200720	H1226511-080800	Crimped	8	13,0	1/2"	8	3/4-16	25,6	19,0	25,0
1201340	H1226511-061000	Crimped	6	10,0	3/8"	10	7/8-14	25,8	22,0	27,0
1200721	H1226511-081000	Crimped	8	13,0	1/2"	10	7/8-14	26,6	22,0	27,0
1203329	H1226511-100800	Crimped	10	16,0	5/8"	8	3/4-16	26,6	24,0	25,0
1201728	H1226511-101000	Crimped	10	16,0	5/8"	10	7/8-14	27,6	24,0	27,0
1202895	H1226511-121000	Crimped	12	19,0	3/4"	10	7/8-14	28,1	27,0	27,0
1210833	H1226511-081200	Crimped	8	13,0	1/2"	12	1 1/16-12	28,1	25,0	32,0
1201464	H1226511-101200	Crimped	10	16,0	5/8"	12	1 1/16-12	28,1	25,0	32,0
1201333	H1226511-121200	Crimped	12	19,0	3/4"	12	1 1/16-12	28,6	27,0	32,0
1214219	H1226511-121400	Crimped	12	19,0	3/4"	14	1 3/16-12	29,9	32,0	36,0
1203088	H1226511-161200	Crimped	16	25,0	1"	12	1 1/16-12	31,4	32,0	32,0
1203243	H1226511-141600	Crimped	14	22,0	7/8"	16	1 5/16-12	32,1	32,0	38,0
1203089	H1226511-121600	Crimped	12	19,0	3/4"	16	1 5/16-12	32,1	32,0	38,0
1202408	H1226511-161600	Crimped	16	25,0	1"	16	1 5/16-12	32,9	32,0	38,0
1216812	H1226511-201600	Crimped	20	32,0	1 1/4"	16	1 5/16-12	37,5	41,0	38,0
1214220	H1226512-162000	Thrust wire nut	16	25,0	1"	20	1 5/8-12	37,5	41,0	50,0
1216813	H1226512-182000	Thrust wire nut		28,0	1 1/8"	20	1 5/8-12	37,5	41,0	50,0
1202483	H1226512-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	39,1	41,0	50,0
1226093	H1226512-202400	Thrust wire nut	20	32,0	1 1/4"	24	1 7/8-12	43,4	50,0	55,0
1216814	H1226512-222400	Thrust wire nut		35,0	1 3/8"	24	1 7/8-12	43,4	50,0	55,0
1216815	H1226512-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	43,4	50,0	55,0
1216816	H1226512-323200	Thrust wire nut	32	51,0	2"	32	2 1/2-12	49,0	65,0	70,0

Image: insert with Crimped Nut.

Design and dimensions shown may be changed without prior notice

// H1226514 NEW

JIC Female 37° Seat with double Hexagon
DKJ and solid nut

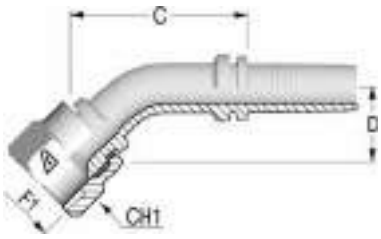


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1244537	H1226514-040400	Slip on nut	4	6,0	1/4"	4	7/16-20	19,0	14,0	14,0
1245538	H1226514-040500	Slip on nut	4	6,0	1/4"	5	1/2-20	18,9	14,0	17,0
1248014	H122651K-040600	Slip on nut	4	6,0	1/4"	6	9/16-18	22,0	14,0	19,0
1235613	H1226514-050500	Slip on nut	5	8,0	5/16"	5	1/2-20	20,6	14,0	17,0
1245542	H1226514-050600	Slip on nut	5	8,0	5/16"	6	9/16-18	22,1	14,0	19,0
1235614	H1226514-060600	Slip on nut	6	10,0	3/8"	6	9/16-18	22,1	17,0	19,0
1248122	H122651K-060800	Slip on nut	6	10,0	3/8"	8	3/4-16	24,0	17,0	22,0
1238237	H1226514-080800	Slip on nut	8	13,0	1/2"	8	3/4-16	25,7	19,0	22,0
1248016	H122651K-081000	Slip on nut	8	13,0	1/2"	10	7/8-14	29,0	19,0	27,0
1235615	H1226514-101000	Slip on nut	10	16,0	5/8"	10	7/8-14	29,2	24,0	27,0
1248017	H122651K-101200	Slip on nut	10	16,0	5/8"	12	1 1/16-12	28,6	24,0	32,0
1235616	H1226514-121200	Slip on nut	12	19,0	3/4"	12	1 1/16-12	29,7	27,0	32,0
1248018	H122651K-121600	Slip on nut	12	19,0	3/4"	16	1 5/16-12	36,1	32,0	41,0
1235617	H1226514-161600	Slip on nut	16	25,0	1"	16	1 5/16-12	33,9	32,0	41,0

Product Codes roots ending with K: insert with double hexagon knurled (ex. H122651K).

// H1222541-M

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



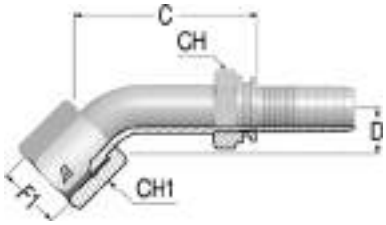
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202821	H1222541-03040M	Crimped	3	5,0	3/16"	4	7/16-20	37,1	10,0	16,0
1202822	H1222541-04040M	Crimped	4	6,0	1/4"	4	7/16-20	36,6	10,0	16,0
1202823	H1222541-04050M	Crimped	4	6,0	1/4"	5	1/2-20	37,2	12,0	17,0
1202824	H1222541-04060M	Crimped	4	6,0	1/4"	6	9/16-18	39,4	11,0	19,0
1202825	H1222541-05050M	Crimped	5	8,0	5/16"	5	1/2-20	39,8	12,0	17,0
1202826	H1222541-05060M	Crimped	5	8,0	5/16"	6	9/16-18	42,8	12,0	19,0
1202827	H1222541-06060M	Crimped	6	10,0	3/8"	6	9/16-18	46,3	11,0	19,0
1202791	H1222541-06080M	Crimped	6	10,0	3/8"	8	3/4-16	47,2	15,0	25,0
1202828	H1222541-08080M	Crimped	8	13,0	1/2"	8	3/4-16	51,6	15,0	25,0
1202829	H1222541-08100M	Crimped	8	13,0	1/2"	10	7/8-14	50,7	16,0	27,0
1202830	H1222541-08120M	Crimped	8	13,0	1/2"	12	1 1/16-12	57,0	21,0	32,0
1202832	H1222541-10100M	Crimped	10	16,0	5/8"	10	7/8-14	62,2	19,0	27,0
1202831	H1222541-10120M	Crimped	10	16,0	5/8"	12	1 1/16-12	68,6	21,0	32,0
1202833	H1222541-12120M	Crimped	12	19,0	3/4"	12	1 1/16-12	67,5	21,0	32,0
1200778	H1222541-121400	Crimped	12	19,0	3/4"	14	1 3/16-12	67,6	23,0	36,0
1202834	H1222541-12160M	Crimped	12	19,0	3/4"	16	1 5/16-12	71,4	26,0	38,0
1202835	H1222541-16160M	Crimped	16	25,0	1"	16	1 5/16-12	79,4	24,0	38,0
1202836	H1222542-16200M	Thrust wire nut	16	25,0	1"	20	1 5/8-12	83,8	37,0	50,0
1202837	H1222542-20200M	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	97,1	37,0	50,0
1202839	H1222542-24240M	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	112,7	43,0	55,0
1202840	H1222542-32320M	Thrust wire nut	32	51,0	2"	32	2 1/2-12	159,9	67,0	70,0

Image: insert with Crimped Nut.

Design and dimensions shown may be changed without prior notice

// H1226544-M NEW

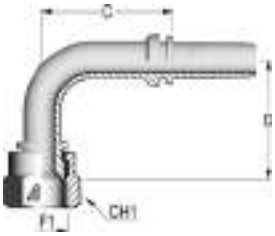
45° JIC Female 37° Seat
Medium Drop
DKJ 45M
Solid nut and double Hexagon crimped



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)	CH1 (mm)
1241580	H1226544-04040M	Slip on nut	4	6,0	1/4"	4	7/16-20	37,0	10,0	14,0	14,0
1243629	H1226544-04060M	Slip on nut	4	6,0	1/4"	6	9/16-18	39,4	11,0	14,0	19,0
1241581	H1226544-05050M	Slip on nut	5	8,0	5/16"	5	1/2-20	40,0	11,0	14,0	17,0
1241582	H1226544-06060M	Slip on nut	6	10,0	3/8"	6	9/16-18	46,0	11,0	17,0	19,0
1244831	H1226544-06080M	Slip on nut	6	10,0	3/8"	8	3/4-16	47,0	22,0	17,0	22,0
1241583	H1226544-08080M	Slip on nut	8	13,0	1/2"	8	3/4-16	52,0	15,0	19,0	22,0
1245511	H1226544-08100M	Slip on nut	8	13,0	1/2"	10	7/8-14	51,0	16,0	19,0	27,0
1241585	H1226544-10100S	Slip on nut	10	16,0	5/8"	10	7/8-14	63,4	16,0	24,0	27,0
1244829	H1226544-10120M	Slip on nut	10	16,0	5/8"	12	1 1/16-12	69,0	21,0	24,0	32,0
1241586	H1226544-12120M	Slip on nut	12	19,0	3/4"	12	1 1/16-12	67,0	21,0	27,0	32,0
1246147	H1226544-12160M	Slip on nut	12	19,0	3/4"	16	1 5/16-12	71,0	24,0	27,0	41,0
1241587	H1226544-16160M	Slip on nut	16	25,0	1"	16	1 5/16-12	80,0	24,0	32,0	41,0

// H1222591-S

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

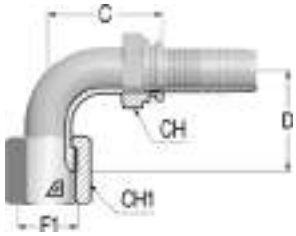


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202841	H1222591-03040S	Crimped	3	5,0	3/16"	4	7/16-20	26,7	21,0	16,0
1202772	H1222591-04040S	Crimped	4	6,0	1/4"	4	7/16-20	27,0	21,0	16,0
1203118	H1222591-04050S	Crimped	4	6,0	1/4"	5	1/2-20	26,5	23,5	17,0
1202788	H1222591-04060S	Crimped	4	6,0	1/4"	6	9/16-18	31,0	23,0	19,0
1203116	H1222591-05060S	Crimped	5	8,0	5/16"	6	9/16-18	42,7	23,0	19,0
1216771	H1222591-06050S	Crimped	6	10,0	3/8"	5	1/2-20	33,3	25,0	17,0
1203032	H1222591-06060S	Crimped	6	10,0	3/8"	6	9/16-18	42,3	25,0	19,0
1203033	H1222591-06080S	Crimped	6	10,0	3/8"	8	3/4-16	48,8	29,0	25,0
1203034	H1222591-08080S	Crimped	8	13,0	1/2"	8	3/4-16	46,4	29,0	25,0
1202815	H1222591-08100S	Crimped	8	13,0	1/2"	10	7/8-14	45,8	32,0	27,0
1202744	H1222591-08120S	Crimped	8	13,0	1/2"	12	1 1/16-12	37,3	46,0	32,0
1203035	H1222591-1010BS	Crimped	10	16,0	5/8"	10	7/8-14	36,5	32,0	27,0
1202745	H1222591-10120S	Crimped	10	16,0	5/8"	12	1 1/16-12	47,9	48,0	32,0
1202845	H1222591-12120S	Crimped	12	19,0	3/4"	12	1 1/16-12	58,2	46,0	32,0
1200780	H1222591-12140S	Crimped	12	19,0	3/4"	14	1 3/16-12	49,6	52,5	36,0
1202846	H1222591-12160S	Crimped	12	19,0	3/4"	16	1 5/16-12	53,6	53,0	38,0
1203036	H1222591-16160S	Crimped	16	25,0	1"	16	1 5/16-12	74,0	56,0	38,0

Design and dimensions shown may be changed without prior notice

// H1226594-S NEW

90° JIC Female 37° Seat
Short Drop
Solid Nut and double Hexagon crimped

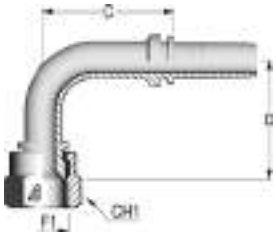


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)	CH1 (mm)
1243637	H1226594-04040S	Slip on nut	4	6,0	1/4"	4	7/16-20	27,0	21,0	14,0	14,0
1245516	H1226594-04050S	Slip on nut	4	6,0	1/4"	5	1/2-20	26,5	21,0	14,0	17,0
1243632	H1226594-04060S	Slip on nut	4	6,0	1/4"	6	9/16-18	30,7	23,0	14,0	19,0
1245523	H1226594-05060S	Slip on nut	5	8,0	5/16"	6	9/16-18	41,0	23,0	14,0	19,0
1243634	H1226594-06060S	Slip on nut	6	10,0	3/8"	6	9/16-18	40,3	24,5	17,0	19,0
1243641	H1226594-06080S	Slip on nut	6	10,0	3/8"	8	3/4-16	48,8	29,0	17,0	22,0
1243644	H1226594-08080S	Slip on nut	8	13,0	1/2"	8	3/4-16	46,0	29,0	19,0	22,0
1245562	H1226594-08100S	Slip on nut	8	13,0	1/2"	10	7/8-14	46,0	32,0	19,0	27,0
1244848	H1226594-10100S	Slip on nut	10	16,0	5/8"	10	7/8-14	42,3	37,0	24,0	27,0
1244849	H1226594-10120S	Slip on nut	10	16,0	5/8"	12	1 1/16-12	48,0	48,0	24,0	32,0
1243635	H1226594-12120S	Slip on nut	12	19,0	3/4"	12	1 1/16-12	62,4	48,0	27,0	32,0
1246115	H1222593-12160S	Slip on nut	12	19,0	3/4"	16	1 5/16-12	53,6	53,0		41,0
1245568	H1226594-16160S	Slip on nut	16	25,0	1"	16	1 5/16-12	74,0	56,0	32,0	41,0

Product Codes roots ending with 3: insert with turned ring (ex. H1222593).

// H1222591-M

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



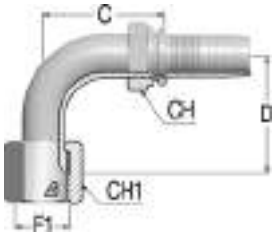
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202792	H1222591-03040M	Crimped	3	5,0	3/16"	4	7/16-20	33,5	32,0	16,0
1202739	H1222591-04040M	Crimped	4	6,0	1/4"	4	7/16-20	34,2	32,0	16,0
1202740	H1222591-04050M	Crimped	4	6,0	1/4"	5	1/2-20	25,7	30,0	17,0
1202793	H1222591-04060M	Crimped	4	6,0	1/4"	6	9/16-18	28,5	38,0	19,0
1202794	H1222591-05050M	Crimped	5	8,0	5/16"	5	1/2-20	34,2	32,0	17,0
1202731	H1222591-05060M	Crimped	5	8,0	5/16"	6	9/16-18	33,2	35,0	19,0
1202742	H1222591-06060M	Crimped	6	10,0	3/8"	6	9/16-18	31,3	35,0	19,0
1202732	H1222591-06080M	Crimped	6	10,0	3/8"	8	3/4-16	39,5	41,0	25,0
1200693	H1222591-06100M	Crimped	6	10,0	3/8"	10	7/8-14	44,6	47,0	27,0
1202743	H1222591-08080M	Crimped	8	13,0	1/2"	8	3/4-16	37,2	40,0	25,0
1202741	H1222591-08100M	Crimped	8	13,0	1/2"	10	7/8-14	43,3	47,0	27,0
1202844	H1222591-10100M	Crimped	10	16,0	5/8"	10	7/8-14	49,4	48,0	27,0
1216778	H1222591-10120M	Crimped	10	16,0	5/8"	12	1 1/16-12	47,9	58,0	32,0
1202746	H1222591-12120M	Crimped	12	19,0	3/4"	12	1 1/16-12	52,4	54,0	32,0
1216780	H1222591-12160M	Crimped	12	19,0	3/4"	16	1 5/16-12	52,6	72,0	38,0
1202847	H1222591-16160M	Crimped	16	25,0	1"	16	1 5/16-12	72,6	71,5	38,0
1202848	H1222592-16200M	Thrust wire nut	16	25,0	1"	20	1 5/8-12	72,6	78,0	50,0
1202849	H1222592-20200M	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	82,4	78,0	50,0
1202850	H1222592-20240M	Thrust wire nut	20	32,0	1 1/4"	24	1 7/8-12	87,3	82,0	55,0
1202851	H1222592-24240M	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	95,3	92,0	55,0
1202852	H1222592-32320M	Thrust wire nut	32	51,0	2"	32	2 1/2-12	129,5	140,0	70,0

Image: insert with Crimped Nut.

Design and dimensions shown may be changed without prior notice

// H1226594-M NEW

90° JIC Female 37° Seat
Medium Drop
Solid Nut and double Hexagon crimped

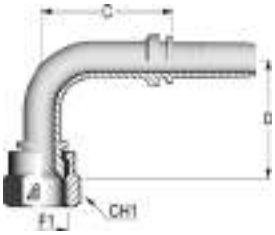


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)	CH1 (mm)
1241588	H1226594-04040M	Slip on nut	4	6,0	1/4"	4	7/16-20	34,0	32,0	14,0	14,0
1245515	H1226594-04050M	Slip on nut	4	6,0	1/4"	5	1/2-20	26,0	32,0	14,0	17,0
1235584	H1222593-04060M	Slip on nut	4	6,0	1/4"	6	9/16-18	31,0	38,0		19,0
1241589	H1226594-05050M	Slip on nut	5	8,0	5/16"	5	1/2-20	34,0	32,0	14,0	17,0
1245522	H1226594-05060M	Slip on nut	5	8,0	5/16"	6	9/16-18	33,0	35,0	14,0	19,0
1241590	H1226594-06060M	Slip on nut	6	10,0	3/8"	6	9/16-18	31,3	38,0	17,0	19,0
1245576	H1222593-06080M	Slip on nut	6	10,0	3/8"	8	3/4-16	41,0	39,5		22,0
1241591	H1226594-08080M	Slip on nut	8	13,0	1/2"	8	3/4-16	37,2	41,0	19,0	22,0
1245560	H1226594-08100M	Slip on nut	8	13,0	1/2"	10	7/8-14	43,3	47,0	19,0	27,0
1241592	H1226594-10100M	Slip on nut	10	16,0	5/8"	10	7/8-14	49,4	47,0	24,0	27,0
1245565	H1226594-10120M	Slip on nut	10	16,0	5/8"	12	1 1/16-12	48,0	58,0	24,0	32,0
1241593	H1226594-12120M	Slip on nut	12	19,0	3/4"	12	1 1/16-12	52,0	58,0	27,0	32,0
1246116	H1222593-12160M	Slip on nut	12	19,0	3/4"	16	1 5/16-12	52,6	71,0		41,0
1241594	H1226594-16160M	Slip on nut	16	25,0	1"	16	1 5/16-12	73,0	71,0	32,0	41,0

Product Codes roots ending with 3: insert with turned ring (ex. H1222593).

// H1222591-L

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

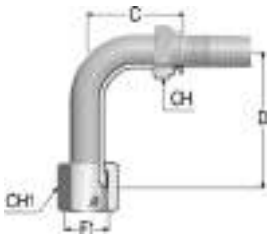


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1203131	H1222591-04040L	Crimped	4	6,0	1/4"	4	7/16-20	30,8	46,0	16,0
1214215	H1222591-04050L	Crimped	4	6,0	1/4"	5	1/2-20	31,3	45,0	17,0
1203115	H1222591-06060L	Crimped	6	10,0	3/8"	6	9/16-18	43,3	54,0	19,0
1202842	H1222591-06080L	Crimped	6	10,0	3/8"	8	3/4-16	46,8	64,0	25,0
1214216	H1222591-08080L	Crimped	8	13,0	1/2"	8	3/4-16	49,9	64,0	25,0
1202843	H1222591-08100L	Crimped	8	13,0	1/2"	10	7/8-14	37,3	65,0	27,0
1203114	H1222591-10100L	Crimped	10	16,0	5/8"	10	7/8-14	49,9	65,0	27,0
1203112	H1222591-12120L	Crimped	12	19,0	3/4"	12	1 1/16-12	54,1	95,0	32,0
1203111	H1222591-16160L	Crimped	16	25,0	1"	16	1 5/16-12	78,6	114,0	38,0

Design and dimensions shown may be changed without prior notice

// H1226594-L NEW

90° JIC Female 37° Seat
Long Drop
Solid Nut and double Hexagon crimped



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)	CH1 (mm)
1244851	H1226594-04040L	Slip on nut	4	6,0	1/4"	4	7/16-20	31,0	46,0	14,0	14,0
1245514	H1226594-04050L	Slip on nut	4	6,0	1/4"	5	1/2-20	31,0	46,0	14,0	17,0
1244845	H1226594-06060L	Slip on nut	6	10,0	3/8"	6	9/16-18	43,3	54,0	17,0	17,0
1245766	H1222593-06080L	Slip on nut	6	10,0	3/8"	8	3/4-16	47,0	64,0		22,0
1245557	H1226594-08080L	Slip on nut	8	13,0	1/2"	8	3/4-16	49,9	64,0	19,0	22,0
1244846	H1226594-08100L	Slip on nut	8	13,0	1/2"	10	7/8-14	37,2	65,0	19,0	27,0
1244847	H1226594-10100L	Slip on nut	10	16,0	5/8"	10	7/8-14	50,0	70,0	24,0	27,0
1244850	H1226594-12120L	Slip on nut	12	19,0	3/4"	12	1 1/16-12	54,0	96,0	27,0	32,0
1245567	H1226594-16160L	Slip on nut	16	25,0	1"	16	1 5/16-12	79,0	114,0	32,0	41,0

Product Codes roots ending with 3: insert with turned ring (ex. H1222593).

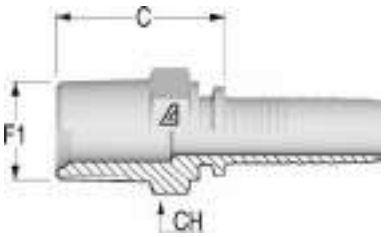
Design and dimensions shown may be changed without prior notice

// NPTF INSERTS

// H1212810

NPTF Male 60° Seat

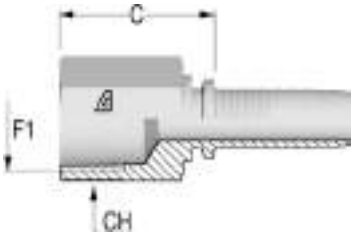
AGN



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1200448	H1212810-030200	3	5,0	3/16"	2	1/8-27	20,8	12,0
1200466	H1212810-040200	4	6,0	1/4"	2	1/8-27	21,3	14,0
1228235	H121281P-040400	4	6,0	1/4"	4	1/4-18	26,8	14,3
1200511	H1212810-050400	5	8,0	5/16"	4	1/4-18	26,8	17,0
1200307	H1212810-060400	6	10,0	3/8"	4	1/4-18	26,8	17,0
1200512	H1212810-050600	5	8,0	5/16"	6	3/8-18	27,8	19,0
1200467	H1212810-040600	4	6,0	1/4"	6	3/8-18	27,8	19,0
1200308	H1212810-060600	6	10,0	3/8"	6	3/8-18	27,8	19,0
1200345	H1212810-080600	8	13,0	1/2"	6	3/8-18	28,6	19,0
1203150	H1212810-040800	4	6,0	1/4"	8	1/2-14	31,3	22,0
1200306	H1212810-060800	6	10,0	3/8"	8	1/2-14	31,3	22,0
1200343	H1212810-080800	8	13,0	1/2"	8	1/2-14	32,1	22,0
1200387	H1212810-100800	10	16,0	5/8"	8	1/2-14	33,1	24,0
1203149	H1212810-120800	12	19,0	3/4"	8	1/2-14	33,6	27,0
1200344	H1212810-081200	8	13,0	1/2"	12	3/4-14	34,1	27,0
1200388	H1212810-101200	10	16,0	5/8"	12	3/4-14	34,1	27,0
1200421	H1212810-121200	12	19,0	3/4"	12	3/4-14	34,6	27,0
1202282	H1212810-161200	16	25,0	1"	12	3/4-14	39,4	36,0
1200420	H1212810-121600	12	19,0	3/4"	16	1-11 1/2	43,6	36,0
1216610	H1212810-141600	14	22,0	7/8"	16	1-11 1/2	43,6	36,0
1201366	H1212810-161600	16	25,0	1"	16	1-11 1/2	44,4	36,0
1201367	H1212810-162000	16	25,0	1"	20	1 1/4-11 1/2	47,4	46,0
1216611	H1212810-182000		29,0	1 1/8"	20	1 1/4-11 1/2	47,4	46,0
1201368	H1212810-202000	20	32,0	1 1/4"	20	1 1/4-11 1/2	49,0	46,0
1216612	H1212810-222400		35,0	1 3/8"	24	1 1/2-11 1/2	50,5	50,0
1201369	H1212810-242400	24	38,0	1 1/2"	24	1 1/2-11 1/2	50,5	50,0
1201370	H1212810-323200	32	51,0	2"	32	2-11 1/2	54,2	65,0
1216613	H1212810-293200	29	46,0	1 13/16"	32	2-11 1/2	54,2	65,0

// H1222810

NPTF Female Solid

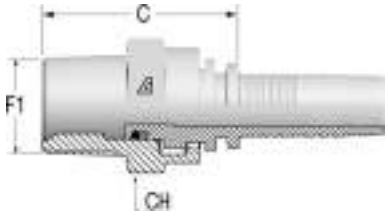


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1216794	H1222810-040200	4	6,0	1/4"	2	1/8-27	22,3	14,0
1200464	H1222810-040400	4	6,0	1/4"	4	1/4-18	27,8	19,0
1219145	H1222810-060600	6	10,0	3/8"	6	3/8-18	28,8	22,0
1216795	H1222810-080800	8	13,0	1/2"	8	1/2-14	35,6	25,0
1216796	H1222810-121200	12	19,0	3/4"	12	3/4-14	38,1	32,0
1216797	H1222810-161600	16	25,0	1"	16	1-11 1/2	44,9	38,0

Design and dimensions shown may be changed without prior notice

// H1212811

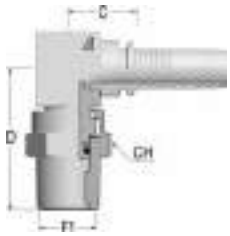
NPTF Male Swivel 60° Seat



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1216614	H1212811-040400	Crimped	4	6,0	1/4"	4	1/4-18	37,6	17,0
1216615	H1212811-040600	Crimped	4	6,0	1/4"	6	3/8-18	39,5	22,0
1216616	H1212811-060400	Crimped	6	10,0	3/8"	4	1/4-18	39,6	17,0
1214186	H1212811-060600	Crimped	6	10,0	3/8"	6	3/8-18	37,5	22,0
1216617	H1212811-060800	Crimped	6	10,0	3/8"	8	1/2-14	43,5	25,0
1216619	H1212811-080600	Crimped	8	13,0	1/2"	6	3/8-18	38,3	22,0
1214187	H1212811-080800	Crimped	8	13,0	1/2"	8	1/2-14	42,3	25,0
1216620	H1212811-121200	Crimped	12	19,0	3/4"	12	3/4-14	50,1	32,0
1216621	H1212811-161600	Crimped	16	25,0	1"	16	1-11 1/2	57,9	41,0

// H1212881

90° Compact NPTF Male Swivel 60° Seat



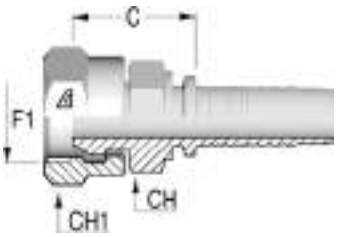
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH (mm)
1225918	H1212881-040400	Crimped	4	6,0	1/4"	4	1/4-18	17,0	39,0	17,0
1225920	H1212881-060600	Crimped	6	10,0	3/8"	6	3/8-18	20,8	45,7	19,0
1225921	H1212881-080800	Crimped	8	13,0	1/2"	8	1/2-14	21,6	49,7	19,0
1225922	H1212881-121200	Crimped	12	19,0	3/4"	12	3/4-14	27,0	60,5	27,0

Design and dimensions shown may be changed without prior notice

// NPSM INSERTS

// H1227311

NPSM Female



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1203280	H1227311-040400	Crimped	4	6,0	1/4"	4	1/4-18	24,3	17,0	19,0
1216834	H1227311-060600	Crimped	6	10,0	3/8"	6	3/8-18	24,8	19,0	22,0
1202084	H1227311-080800	Crimped	8	13,0	1/2"	8	1/2-14	26,6	22,0	27,0
1216835	H1227311-12120Z	Crimped	12	19,0	3/4"	12	3/4-14	20,6		32,0
1216836	H1227311-161600	Crimped	16	25,0	1"	16	1-11 1/2	35,4	36,0	38,0

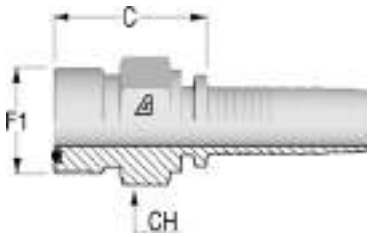
1216835: without Stem Hexagon, with O-Ring

Design and dimensions shown may be changed without prior notice

// ORFS INSERTS

// H1212410

ORFS Male

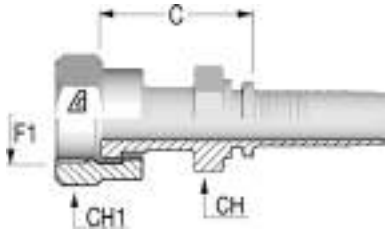


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1202488	H1212410-040400	4	6,0	1/4"	4	9/16-18	22,3	17,0
1202489	H1212410-040600	4	6,0	1/4"	6	11/16-16	24,3	19,0
1214185	H1212410-050600	5	8,0	5/16"	6	11/16-16	24,3	19,0
1202490	H1212410-060600	6	10,0	3/8"	6	11/16-16	24,3	19,0
1202491	H1212410-060800	6	10,0	3/8"	8	13/16-16	26,3	22,0
1202055	H1212410-061000	6	10,0	3/8"	10	1-14	29,8	27,0
1202492	H1212410-080800	8	13,0	1/2"	8	13/16-16	27,1	22,0
1202054	H1212410-081000	8	13,0	1/2"	10	1-14	30,6	27,0
1202493	H1212410-081200	8	13,0	1/2"	12	1 3/16-12	34,1	32,0
1202892	H1212410-101000	10	16,0	5/8"	10	1-14	30,6	27,0
1202494	H1212410-101200	10	16,0	5/8"	12	1 3/16-12	34,1	32,0
1202495	H1212410-121000	12	19,0	3/4"	10	1-14	31,1	27,0
1202496	H1212410-121200	12	19,0	3/4"	12	1 3/16-12	34,6	32,0
1202497	H1212410-121600	12	19,0	3/4"	16	1 7/16-12	38,1	41,0
1202498	H1212410-161600	16	25,0	1"	16	1 7/16-12	37,9	38,0
1202499	H1212410-162000	16	25,0	1"	20	1 11/16-12	39,9	46,0
1202500	H1212410-202000	20	32,0	1 1/4"	20	1 11/16-12	41,5	46,0

Design and dimensions shown may be changed without prior notice

// H1222411

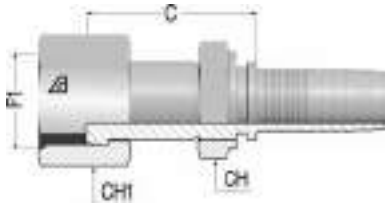
ORFS Female with Stem Hexagon



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1203220	H1222411-030400	Crimped	3	5,0	3/16"	4	9/16-18	26,8	14,0	17,0
1201586	H1222411-040400	Crimped	4	6,0	1/4"	4	9/16-18	27,3	14,0	17,0
1201855	H1222411-040600	Crimped	4	6,0	1/4"	6	11/16-16	30,3	17,0	22,0
1203143	H1222411-040800	Crimped	4	6,0	1/4"	8	13/16-16	35,3	22,0	24,0
1201741	H1222411-050600	Crimped	5	8,0	5/16"	6	11/16-16	30,3	17,0	22,0
1203237	H1222411-060400	Crimped	6	10,0	3/8"	4	9/16-18	28,3	17,0	17,0
1202369	H1222411-060600	Crimped	6	10,0	3/8"	6	11/16-16	30,3	17,0	22,0
1201339	H1222411-060800	Crimped	6	10,0	3/8"	8	13/16-16	35,3	22,0	24,0
1202563	H1222411-080600	Crimped	8	13,0	1/2"	6	11/16-16	32,1	19,0	22,0
1201338	H1222411-080800	Crimped	8	13,0	1/2"	8	13/16-16	36,1	22,0	24,0
1202052	H1222411-081000	Crimped	8	13,0	1/2"	10	1-14	39,6	24,0	30,0
1203053	H1222411-081200	Crimped	8	13,0	1/2"	12	1 3/16-12	42,1	30,0	36,0
1203061	H1222411-100800	Crimped	10	16,0	5/8"	8	13/16-16	37,1	24,0	24,0
1202612	H1222411-101000	Crimped	10	16,0	5/8"	10	1-14	39,6	24,0	30,0
1201815	H1222411-101200	Crimped	10	16,0	5/8"	12	1 3/16-12	42,1	30,0	36,0
1201782	H1222411-121000	Crimped	12	19,0	3/4"	10	1-14	40,1	27,0	30,0
1202560	H1222411-121200	Crimped	12	19,0	3/4"	12	1 3/16-12	42,6	30,0	36,0
1202053	H1222411-121600	Crimped	12	19,0	3/4"	16	1 7/16-12	48,6	36,0	41,0
1203142	H1222411-161200	Crimped	16	25,0	1"	12	1 3/16-12	45,4	32,0	36,0
1201446	H1222411-161600	Crimped	16	25,0	1"	16	1 7/16-12	49,4	36,0	41,0
1203056	H1222411-162000	Crimped	16	25,0	1"	20	1 11/16-12	50,4	41,0	50,0
1201447	H1222411-202000	Crimped	20	32,0	1 1/4"	20	1 11/16-12	52,0	41,0	50,0
1226017	H1222411-202400	Crimped	20	32,0	1 1/4"	24	2-12	56,5	50,0	60,0
1202046	H1222411-242400	Crimped	24	38,0	1 1/2"	24	2-12	56,5	50,0	60,0

// H1222414 NEW

ORFS Female with support Hexagon knurled

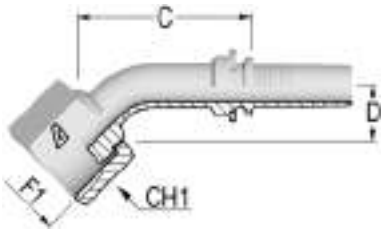


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1240013	H1222414-040400	Slip on nut	4	6,0	1/4"	4	9/16-18	29,5	14,0	17,0
1245728	H1222414-040600	Slip on nut	4	6,0	1/4"	6	11/16-16	31,8	17,0	22,0
1245899	H1222414-040800	Slip on nut	4	6,0	1/4"	8	13/16-16	35,8	22,0	24,0
1245428	H1222414-050600	Slip on nut	5	8,0	5/16"	6	11/16-16	30,8	17,0	22,0
1240034	H1222414-060600	Slip on nut	6	10,0	3/8"	6	11/16-16	32,3	17,0	22,0
1245892	H1222414-060800	Slip on nut	6	10,0	3/8"	8	13/16-16	39,3	22,0	24,0
1240035	H1222414-080800	Slip on nut	8	13,0	1/2"	8	13/16-16	40,5	22,0	24,0
1245429	H1222414-081000	Slip on nut	8	13,0	1/2"	10	1-14	43,0	24,0	30,0
1245904	H1222414-081200	Slip on nut	8	13,0	1/2"	12	1 3/16-12	42,1	30,0	36,0
1240036	H1222414-101000	Slip on nut	10	16,0	5/8"	10	1-14	39,6	27,0	30,0
1245905	H1222414-101200	Slip on nut	10	16,0	5/8"	12	1 3/16-12	42,1	30,0	36,0
1240038	H1222414-121200	Slip on nut	12	19,0	3/4"	12	1 3/16-12	42,6	30,0	36,0
1245906	H1222414-121600	Slip on nut	12	19,0	3/4"	16	1 7/16-12	50,6	36,0	41,0
1242623	H1222414-161600	Slip on nut	16	25,0	1"	16	1 7/16-12	51,4	36,0	41,0

Design and dimensions shown may be changed without prior notice

// H1222443-S

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

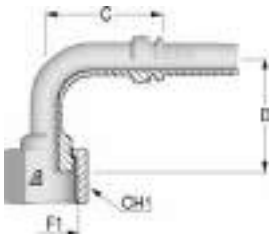


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202774	H1222443-04040S	Slip on nut	4	6,0	1/4"	4	9/16-18	41,1	11,0	17,0
1202775	H1222443-04060S	Slip on nut	4	6,0	1/4"	6	11/16-16	46,1	11,0	22,0
1202871	H1222443-05060S	Slip on nut	5	8,0	5/16"	6	11/16-16	46,3	12,0	22,0
1202776	H1222443-06060S	Slip on nut	6	10,0	3/8"	6	11/16-16	47,4	12,0	22,0
1202777	H1222443-06080S	Slip on nut	6	10,0	3/8"	8	13/16-16	51,2	15,0	24,0
1202854	H1222441-08080S	Crimped	8	13,0	1/2"	8	13/16-16	47,1	16,0	24,0
1202771	H1222443-08100S	Slip on nut	8	13,0	1/2"	10	1-14	50,4	16,5	30,0
1202819	H1222443-10100S	Slip on nut	10	16,0	5/8"	10	1-14	57,7	17,0	30,0
1202853	H1222443-10120S	Slip on nut	10	16,0	5/8"	12	1 3/16-12	63,1	21,0	36,0
1202872	H1222443-12120S	Slip on nut	12	19,0	3/4"	12	1 3/16-12	63,5	21,0	36,0
1202915	H1222443-12160S	Slip on nut	12	19,0	3/4"	16	1 7/16-12	70,7	24,0	41,0
1202797	H1222443-16160S	Slip on nut	16	25,0	1"	16	1 7/16-12	82,4	26,0	41,0
1203141	H1222443-16200S	Slip on nut	16	25,0	1"	20	1 11/16-12	85,4	26,0	50,0
1203140	H1222443-20240S	Slip on nut	20	32,0	1 1/4"	24	2-12	101,1	28,0	60,0
1202874	H1222443-24240S	Slip on nut	24	38,0	1 1/2"	24	2-12	104,0	30,5	60,0

Image: insert with Slip on Nut.

// H1222493-S

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



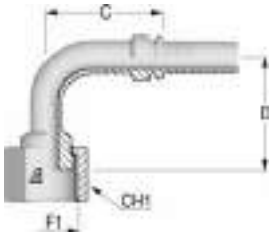
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202778	H1222493-04040S	Slip on nut	4	6,0	1/4"	4	9/16-18	28,5	21,0	17,0
1202856	H1222493-04060S	Slip on nut	4	6,0	1/4"	6	11/16-16	32,0	23,0	22,0
1202857	H1222493-05060S	Slip on nut	5	8,0	5/16"	6	11/16-16	50,1	23,5	22,0
1202858	H1222493-06060S	Slip on nut	6	10,0	3/8"	6	11/16-16	40,0	27,0	22,0
1202859	H1222493-06080S	Slip on nut	6	10,0	3/8"	8	13/16-16	41,8	29,0	24,0
1203392	H1222491-08060S	Crimped	8	13,0	1/2"	6	11/16-16	44,1	25,0	22,0
1202855	H1222491-08080S	Crimped	8	13,0	1/2"	8	13/16-16	39,8	29,0	24,0
1203054	H1222493-08100S	Slip on nut	8	13,0	1/2"	10	1-14	46,3	32,5	30,0
1203334	H1222493-08120S	Slip on nut	8	13,0	1/2"	12	1 3/16-12	56,3	51,0	36,0
1202860	H1222493-10100S	Slip on nut	10	16,0	5/8"	10	1-14	52,3	32,5	30,0
1202861	H1222493-10120S	Slip on nut	10	16,0	5/8"	12	1 3/16-12	55,4	49,0	36,0
1202862	H1222493-12120S	Slip on nut	12	19,0	3/4"	12	1 3/16-12	60,6	51,0	36,0
1203055	H1222493-12160S	Slip on nut	12	19,0	3/4"	16	1 7/16-12	61,6	56,0	41,0
1203209	H1222491-16120S	Crimped	16	25,0	1"	12	1 3/16-12	54,6	51,0	36,0
1202863	H1222493-16160S	Slip on nut	16	25,0	1"	16	1 7/16-12	80,0	58,0	41,0
1203135	H1222493-16200S	Slip on nut	16	25,0	1"	20	1 11/16-12	82,6	64,0	50,0
1203133	H1222493-20200S	Slip on nut	20	32,0	1 1/4"	20	1 11/16-12	95,0	68,0	50,0
1214213	H1222493-24240S	Slip on nut	24	38,0	1 1/2"	24	2-12	103,7	78,0	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1222493-M

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

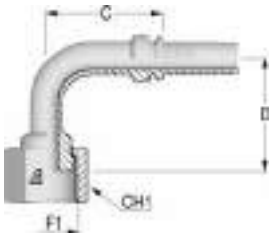


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1202875	H1222493-04040M	Slip on nut	4	6,0	1/4"	4	9/16-18	29,8	32,0	17,0
1202715	H1222493-04060M	Slip on nut	4	6,0	1/4"	6	11/16-16	37,3	38,0	22,0
1202779	H1222493-05060M	Slip on nut	5	8,0	5/16"	6	11/16-16	40,7	34,0	22,0
1202780	H1222493-06060M	Slip on nut	6	10,0	3/8"	6	11/16-16	41,8	38,0	22,0
1202716	H1222493-06080M	Slip on nut	6	10,0	3/8"	8	13/16-16	43,8	41,0	24,0
1202781	H1222491-08080M	Crimped	8	13,0	1/2"	8	13/16-16	34,8	42,0	24,0
1202770	H1222493-08100M	Slip on nut	8	13,0	1/2"	10	1-14	48,3	47,0	30,0
1202782	H1222493-10100M	Slip on nut	10	16,0	5/8"	10	1-14	55,4	44,0	30,0
1203137	H1222493-10120M	Slip on nut	10	16,0	5/8"	12	1 3/16-12	55,4	58,0	36,0
1202783	H1222493-12120M	Slip on nut	12	19,0	3/4"	12	1 3/16-12	61,6	58,0	36,0
1202916	H1222493-12160M	Slip on nut	12	19,0	3/4"	16	1 7/16-12	65,6	71,0	41,0
1216748	H1222491-16120M	Crimped	16	25,0	1"	12	1 3/16-12	62,6	58,0	36,0
1202717	H1222493-16160M	Slip on nut	16	25,0	1"	16	1 7/16-12	82,6	66,0	41,0
1203069	H1222493-16200M	Slip on nut	16	25,0	1"	20	1 11/16-12	82,6	78,0	50,0
1202876	H1222493-20200M	Slip on nut	20	32,0	1 1/4"	20	1 11/16-12	97,0	78,0	50,0
1202877	H1222493-24240M	Slip on nut	24	38,0	1 1/2"	24	2-12	107,8	87,0	60,0

Image: insert with Slip on Nut.

// H1222493-L

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



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1210841	H1222493-04040L	Slip on nut	4	6,0	1/4"	4	9/16-18	32,8	46,0	17,0
1203139	H1222493-04060L	Slip on nut	4	6,0	1/4"	6	11/16-16	34,8	54,0	22,0
1203138	H1222493-06060L	Slip on nut	6	10,0	3/8"	6	11/16-16	41,8	54,0	22,0
1203057	H1222493-06080L	Slip on nut	6	10,0	3/8"	8	13/16-16	46,8	64,0	24,0
1202922	H1222491-08080L	Crimped	8	13,0	1/2"	8	13/16-16	38,3	64,0	24,0
1214208	H1222493-08100L	Slip on nut	8	13,0	1/2"	10	1-14	46,3	70,0	30,0
1202918	H1222493-10100L	Slip on nut	10	16,0	5/8"	10	1-14	55,4	70,0	30,0
1202919	H1222493-10120L	Slip on nut	10	16,0	5/8"	12	1 3/16-12	55,4	96,0	36,0
1202920	H1222493-12120L	Slip on nut	12	19,0	3/4"	12	1 3/16-12	61,6	96,0	36,0
1202921	H1222493-12160L	Slip on nut	12	19,0	3/4"	16	1 7/16-12	61,6	118,0	41,0
1203136	H1222493-16160L	Slip on nut	16	25,0	1"	16	1 7/16-12	82,6	114,0	41,0
1203134	H1222493-20200L	Slip on nut	20	32,0	1 1/4"	20	1 11/16-12	97,0	129,0	50,0
1214212	H1222493-24240L	Slip on nut	24	38,0	1 1/2"	24	2-12	110,8	141,0	60,0

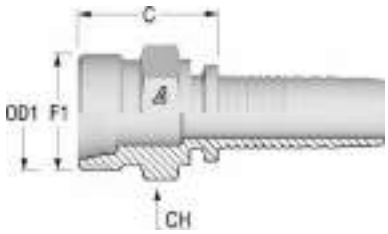
Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// FRENCH INSERTS

// H1211810

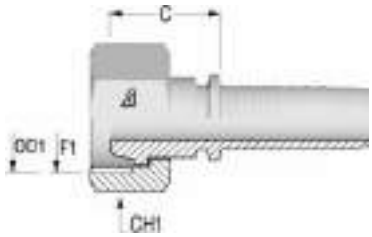
Metric Male - French Type



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH (mm)
1200522	H1211810-052000	5	8,0	5/16"	M20X1.5		25,3	22,0
1200317	H1211810-062000	6	10,0	3/8"	M20X1.5	13,25	25,3	22,0
1200361	H1211810-082400	8	13,0	1/2"	M24X1.5	16,75	27,1	24,0
1200404	H1211810-103000	10	16,0	5/8"	M30X1.5	21,25	31,1	30,0
1200435	H1211810-123600	12	19,0	3/4"	M36X1.5	26,75	33,6	36,0

// H1221813

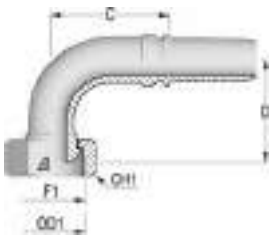
Metric Female - French Type



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1200651	H1221813-052000	Slip on nut	5	8,0	5/16"	M20X1.5		27,6	24,0
1200681	H1221813-062000	Slip on nut	6	10,0	3/8"	M20X1.5		27,6	24,0
1200717	H1221813-082400	Slip on nut	8	13,0	1/2"	M24X1.5		31,7	30,0
1200744	H1221813-103000	Slip on nut	10	16,0	5/8"	M30X1.5	22	26,6	36,0
1200770	H1221813-123600	Slip on nut	12	19,0	3/4"	M36X1.5	28	27,0	42,0

// H1221893

90° Metric Female - French Type



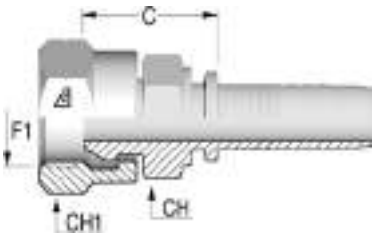
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1200654	H1221893-052000	Slip on nut	5	8,0	5/16"	M20X1.5	14	32,5	36,5	24,0
1200683	H1221893-062000	Slip on nut	6	10,0	3/8"	M20X1.5		37,0	44,0	24,0
1200719	H1221893-082400	Slip on nut	8	13,0	1/2"	M24X1.5	16	39,5	46,0	30,0
1203156	H1221893-103000	Slip on nut	10	16,0	5/8"	M30X1.5	22	43,0	49,0	36,0
1200773	H1221893-123600	Slip on nut	12	19,0	3/4"	M36X1.5	28	46,6	48,5	42,0

Design and dimensions shown may be changed without prior notice

// JIS INSERTS

// H1223711

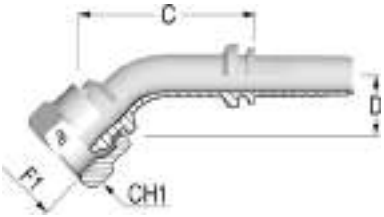
JIS Female 60° Cone - B 8363 (Type C)



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1203110	H1223711-040400	Crimped	4	6,0	1/4"	4	1/4-19	24,3	17,0	19,0
1203109	H1223711-060600	Crimped	6	10,0	3/8"	6	3/8-19	25,5	19,0	22,0
1203108	H1223711-080800	Crimped	8	13,0	1/2"	8	1/2-14	26,1	22,0	27,0
1226069	H1223711-100800	Crimped	10	16,0	5/8"	8	1/2-14	27,1	24,0	27,0
1226549	H1223711-101200	Crimped	10	16,0	5/8"	12	3/4-14	29,6	30,0	36,0
1203107	H1223711-121200	Crimped	12	19,0	3/4"	12	3/4-14	30,1	30,0	36,0
1214218	H1223711-161600	Crimped	16	25,0	1"	16	1-11	34,9	36,0	41,0

// H1223741

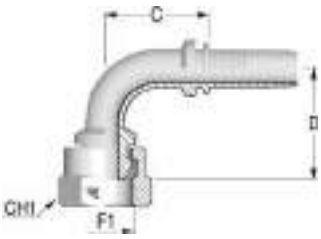
45° JIS Female 60° Cone - B 8363 (Type C)



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1216798	H1223741-040400	Crimped	4	6,0	1/4"	4	1/4-19	24,3	19,0	19,0
1216799	H1223741-060600	Crimped	6	10,0	3/8"	6	3/8-19	26,5	21,0	22,0
1216800	H1223741-080800	Crimped	8	13,0	1/2"	8	1/2-14	27,0	22,0	27,0
1216801	H1223741-121200	Crimped	12	19,0	3/4"	12	3/4-14	19,9	25,0	36,0

// H1223791

90° JIS Female 60° Cone - B 8363 (Type C)

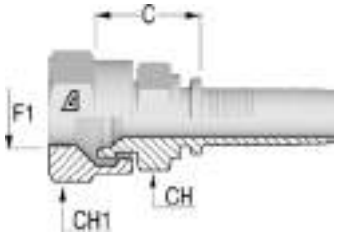


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1216803	H1223791-040400	Crimped	4	6,0	1/4"	4	1/4-19	25,3	33,0	19,0
1216805	H1223791-060600	Crimped	6	10,0	3/8"	6	3/8-19	32,3	36,5	22,0
1216806	H1223791-080800	Crimped	8	13,0	1/2"	8	1/2-14	37,3	38,5	27,0

Design and dimensions shown may be changed without prior notice

// H122381Z

JIS Female 60° Seat Flare - B 8363 (Type F)

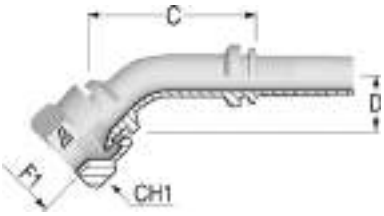


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1202947	H122381Z-040400	Crimped	4	6,0	1/4"	4	1/4-19	20,8	17,0	19,0
1202879	H122381Z-060600	Crimped	6	10,0	3/8"	6	3/8-19	21,8	19,0	22,0
1202878	H122381Z-080800	Crimped	8	13,0	1/2"	8	1/2-14	23,6	22,0	27,0
1203106	H122381Z-121200	Crimped	12	19,0	3/4"	12	3/4-14	27,1	30,0	36,0
1203105	H122381Z-161600	Crimped	16	25,0	1"	16	1-11	32,9	36,0	41,0
1201585	H1223812-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 1/4-11	39,5	46,0	50,0
1201677	H1223812-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	41,5	50,0	55,0

Image: insert with Crimped Nut.

// H122384Z

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



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1203104	H122384Z-040400	Crimped	4	6,0	1/4"	4	1/4-19	42,5	15,0	19,0

// H122389Z

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



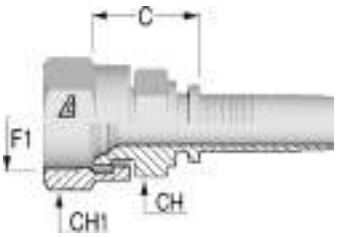
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1203095	H122389Z-040400	Crimped	4	6,0	1/4"	4	1/4-19	27,3	29,5	19,0
1203094	H122389Z-060600	Crimped	6	10,0	3/8"	6	3/8-19	31,3	33,0	22,0
1203093	H122389Z-080800	Crimped	8	13,0	1/2"	8	1/2-14	37,3	36,5	27,0
1203092	H122389Z-121200	Crimped	12	19,0	3/4"	12	3/4-14	46,1	52,0	36,0
1203091	H122389Z-161600	Crimped	16	25,0	1"	16	1-11	77,1	64,5	41,0

Design and dimensions shown may be changed without prior notice

// KOMATSU INSERTS

// H1224011

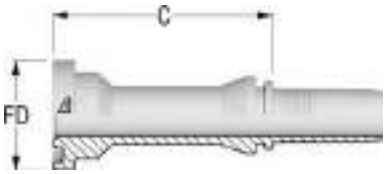
Komatsu Female



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1200502	H1224011-041400	Crimped	4	6,0	1/4"	14	M14X1.5	20,8	17,0	19,0
1216808	H1224011-061400	Crimped	6	10,0	3/8"	14	M14X1.5	20,8	17,0	19,0
1200334	H1224011-061800	Crimped	6	10,0	3/8"	18	M18X1.5	21,8	19,0	22,0
1202688	H1224011-082200	Crimped	8	13,0	1/2"	22	M22X1.5	23,6	22,0	27,0
1200414	H1224011-102400	Crimped	10	16,0	5/8"	24	M24X1.5	27,1	30,0	32,0
1200444	H1224011-123000	Crimped	12	19,0	3/4"	30	M30X1.5	27,6	30,0	36,0
1201720	H1224011-163300	Crimped	16	25,0	1"	33	M33X1.5	35,7	36,0	41,0

// H1244110

Komatsu Flange

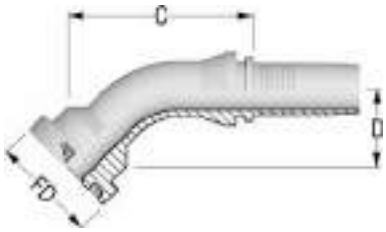


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)
1201625	H1244110-101000	10	16,0	5/8"	10	5/8	34,0	46,7

// H1244140

45° Komatsu Flange

Solid one piece



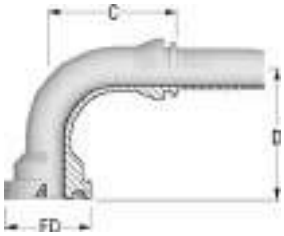
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)
1202066	H1244140-101000	10	16,0	5/8"	10	5/8	34,0	49,1	25,0

Design and dimensions shown may be changed without prior notice

// H1244190

90° Komatsu Flange

Solid one piece



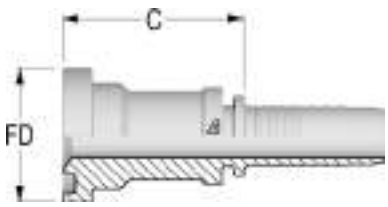
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)
1202067	H1244190-101000	10	16,0	5/8"	10	5/8	34,0	51,0	51,0

Design and dimensions shown may be changed without prior notice

// SAE FLANGES

// H1243310

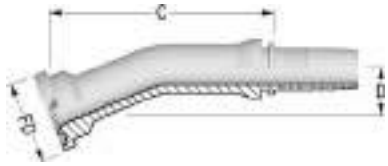
Flange SAE 3000 psi J518 Code 61
SFL



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	WP (psi)
1202747	H1243310-080800	8	13,0	1/2"	8	1/2	30,2	41,0	5000
1202763	H1243310-081200	8	13,0	1/2"	12	3/4	38,1	42,0	5000
1202801	H1243310-101200	10	16,0	5/8"	12	3/4	38,1	42,2	5000
1201734	H1243310-121200	12	19,0	3/4"	12	3/4	38,1	42,5	5000
1202750	H1243310-121600	12	19,0	3/4"	16	1	44,5	50,5	5000
1201408	H1243310-161600	16	25,0	1"	16	1	44,5	51,4	5000
1201409	H1243310-162000	16	25,0	1"	20	1 1/4	50,8	53,9	4000
1221654	H1243310-201600	20	32,0	1 1/4"	16	1	44,5	53,0	5000
1201410	H1243310-202000	20	32,0	1 1/4"	20	1 1/4	50,8	55,5	4000
1201411	H1243310-202400	20	32,0	1 1/4"	24	1 1/2	60,3	58,5	3000
1201412	H1243310-242400	24	38,0	1 1/2"	24	1 1/2	60,3	58,5	3000
1201413	H1243310-243200	24	38,0	1 1/2"	32	2	71,4	70,0	3000
1221662	H1243310-322400	32	51,0	2"	24	1 1/2	60,3	66,0	3000
1201414	H1243310-323200	32	51,0	2"	32	2	71,4	70,0	3000
1202074	H1243310-324000	32	51,0	2"	40	2 1/2	84,1	83,0	2500
1226113	H1243310-403200	40	63,0	2 1/2"	32	2	71,4	86,5	3000
1203063	H1243310-404000	40	63,0	2 1/2"	40	2 1/2	84,1	86,5	2500

// H1243320

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

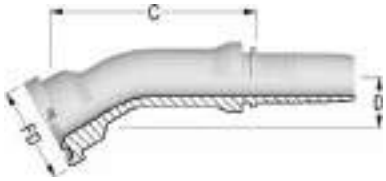


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1216854	H1243320-161600	16	25,0	1"	16	1	44,5	92,7	12,0	5000
1216856	H1243320-202000	20	32,0	1 1/4"	20	1 1/4	50,8	113,6	16,0	4000
1216857	H1243320-202400	20	32,0	1 1/4"	24	1 1/2	60,3	114,7	20,5	3000
1216858	H1243320-242400	24	38,0	1 1/2"	24	1 1/2	60,3	131,0	22,0	3000
1216859	H1243320-323200	32	51,0	2"	32	2	71,4	153,0	22,0	3000

Design and dimensions shown may be changed without prior notice

// H1243330

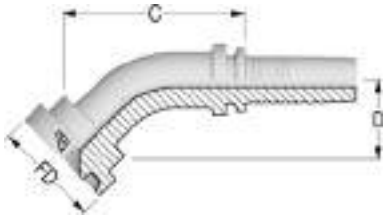
30° Flange SAE 3000 psi J518 Code 61
SFL 30
Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1216861	H1243330-121200	12	19,0	3/4"	12	3/4	38,1	80,8	12,0	5000
1216862	H1243330-121600	12	19,0	3/4"	16	1	44,5	83,8	12,0	5000
1216863	H1243330-161600	16	25,0	1"	16	1	44,5	89,8	12,0	5000
1216864	H1243330-162000	16	25,0	1"	20	1 1/4	50,8	90,0	12,0	4000
1216866	H1243330-202000	20	32,0	1 1/4"	20	1 1/4	50,8	102,4	12,0	4000
1216867	H1243330-202400	20	32,0	1 1/4"	24	1 1/2	60,3	111,9	13,0	3000
1216868	H1243330-242400	24	38,0	1 1/2"	24	1 1/2	60,3	128,6	23,0	3000
1216869	H1243330-243200	24	38,0	1 1/2"	32	2	71,4	147,0	29,5	3000

// H1243340

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

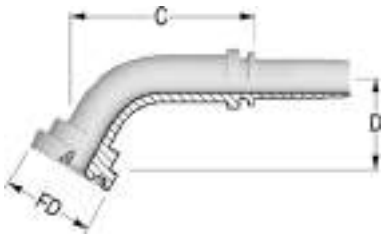


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1202748	H1243340-080800	8	13,0	1/2"	8	1/2	30,2	69,4	22,0	5000
1202751	H1243340-081200	8	13,0	1/2"	12	3/4	38,1	60,3	26,0	5000
1202678	H1243340-121200	12	19,0	3/4"	12	3/4	38,1	73,7	32,0	5000
1202752	H1243340-121600	12	19,0	3/4"	16	1	44,5	77,9	29,0	5000
1214223	H1243340-122000	12	19,0	3/4"	20	1 1/4	50,8	81,5	30,0	5000
1202681	H1243340-161600	16	25,0	1"	16	1	44,5	82,7	33,5	5000
1201845	H1243340-162000	16	25,0	1"	20	1 1/4	50,8	82,2	36,0	4000
1216872	H1243340-201600	20	32,0	1 1/4"	16	1	44,5	114,6	35,1	5000
1201848	H1243340-202000	20	32,0	1 1/4"	20	1 1/4	50,8	95,1	37,5	4000
1202677	H1243340-202400	20	32,0	1 1/4"	24	1 1/2	60,3	104,1	40,0	3000
1216873	H1243340-242000	24	38,0	1 1/2"	20	1 1/4	50,8	144,9	49,5	4000
1202753	H1243340-242400	24	38,0	1 1/2"	24	1 1/2	60,3	116,7	48,0	3000
1202754	H1243340-243200	24	38,0	1 1/2"	32	2	71,4	135,6	55,5	3000
1201982	H1243340-323200	32	51,0	2"	32	2	71,4	140,8	47,5	3000
1216874	H1243340-4040SL	40	63,0	2 1/2"	40	2 1/2	84,1	139,0	53,0	2500

Design and dimensions shown may be changed without prior notice

// H1243360

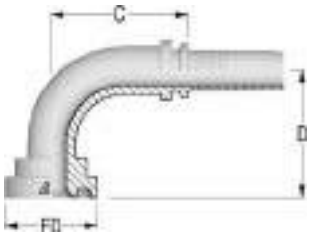
60° Flange SAE 3000 psi J518 Code 61
SFL 60
Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1216878	H1243360-121200	12	19,0	3/4"	12	3/4	38,1	85,7	37,0	5000
1216880	H1243360-161600	16	25,0	1"	16	1	44,5	101,0	47,0	5000
1216881	H1243360-162000	16	25,0	1"	20	1 1/4	50,8	106,6	43,5	4000
1216882	H1243360-202000	20	32,0	1 1/4"	20	1 1/4	50,8	129,5	56,5	4000
1202882	H1243360-242400	24	38,0	1 1/2"	24	1 1/2	60,3	151,5	57,0	3000
1216884	H1243360-323200	32	51,0	2"	32	2	71,4	173,0	92,0	3000

// H1243390

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

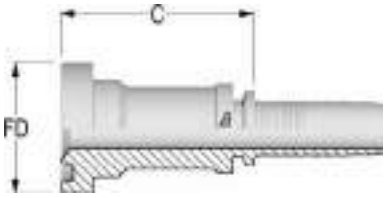


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1202749	H1243390-080800	8	13,0	1/2"	8	1/2	30,2	45,8	42,0	5000
1202755	H1243390-081200	8	13,0	1/2"	12	3/4	38,1	45,3	51,0	5000
1202805	H1243390-101200	10	16,0	5/8"	12	3/4	38,1	49,4	51,0	5000
1202679	H1243390-121200	12	19,0	3/4"	12	3/4	38,1	59,7	58,0	5000
1202756	H1243390-121600	12	19,0	3/4"	16	1	44,5	66,2	64,5	5000
1202883	H1243390-122000	12	19,0	3/4"	20	1 1/4	50,8	69,7	60,0	4000
1202680	H1243390-161600	16	25,0	1"	16	1	44,5	70,6	67,0	5000
1201846	H1243390-162000	16	25,0	1"	20	1 1/4	50,8	73,6	71,0	4000
1216894	H1243390-162400	16	25,0	1"	24	1 1/2	60,3	93,1	75,0	3000
1202884	H1243390-201600	20	32,0	1 1/4"	16	1	44,5	94,4	65,0	5000
1201847	H1243390-202000	20	32,0	1 1/4"	20	1 1/4	50,8	88,0	84,0	4000
1202676	H1243390-202400	20	32,0	1 1/4"	24	1 1/2	60,3	91,5	87,5	3000
1202806	H1243390-242000	24	38,0	1 1/2"	20	1 1/4	50,8	93,6	93,0	4000
1202757	H1243390-242400	24	38,0	1 1/2"	24	1 1/2	60,3	104,8	91,0	3000
1202758	H1243390-243200	24	38,0	1 1/2"	32	2	71,4	104,8	115,0	3000
1216898	H1243390-322400	32	51,0	2"	24	1 1/2	60,3	132,8	133,0	3000
1201983	H1243390-323200	32	51,0	2"	32	2	71,4	129,3	130,0	3000
1203169	H1243390-3240B0	32	51,0	2"	40	2 1/2	84,1	103,0	100,0	2500
1203364	H1243390-4040SL	40	63,0	2 1/2"	40	2 1/2	84,1	137,2	125,0	2500

Design and dimensions shown may be changed without prior notice

// H1243610

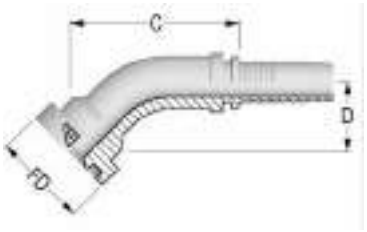
Flange SAE 6000 psi J518 Code 62
SFS



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	WP (psi)
1202511	H1243610-080800	8	13,0	1/2"	8	1/2	31,8	47,0	6000
1202759	H1243610-081200	8	13,0	1/2"	12	3/4	41,3	52,0	6000
1202807	H1243610-101200	10	16,0	5/8"	12	3/4	41,3	52,2	6000
1202733	H1243610-121200	12	19,0	3/4"	12	3/4	41,3	52,5	6000
1202760	H1243610-121600	12	19,0	3/4"	16	1	47,6	55,5	6000
1216908	H1243610-161200	16	25,0	1"	12	3/4	41,3	56,4	6000
1201415	H1243610-161600	16	25,0	1"	16	1	47,6	56,4	6000
1201416	H1243610-162000	16	25,0	1"	20	1 1/4	54,0	63,4	6000
1201417	H1243610-202000	20	32,0	1 1/4"	20	1 1/4	54,0	83,0	6000
1201418	H1243610-202400	20	32,0	1 1/4"	24	1 1/2	63,5	71,0	6000
1201419	H1243610-242400	24	38,0	1 1/2"	24	1 1/2	63,5	101,0	6000
1201420	H1243610-243200	24	38,0	1 1/2"	32	2	79,4	76,0	6000
1201421	H1243610-323200	32	51,0	2"	32	2	79,4	76,0	6000

// H1243640

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

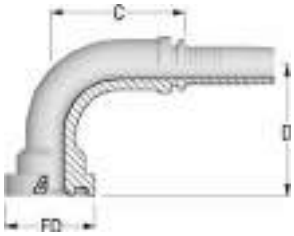


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1201729	H1243640-080800	8	13,0	1/2"	8	1/2	31,8	56,5	23,0	6000
1202764	H1243640-081200	8	13,0	1/2"	12	3/4	41,3	79,9	30,5	6000
1216910	H1243640-101200	10	16,0	5/8"	12	3/4	41,3	69,0	31,0	6000
1202082	H1243640-121200	12	19,0	3/4"	12	3/4	41,3	84,1	31,0	6000
1202083	H1243640-121600	12	19,0	3/4"	16	1	47,6	80,0	33,5	6000
1201794	H1243640-161600	16	25,0	1"	16	1	47,6	96,7	36,0	6000
1202091	H1243640-162000	16	25,0	1"	20	1 1/4	54,0	96,1	39,0	6000
1202761	H1243640-202000	20	32,0	1 1/4"	20	1 1/4	54,0	108,6	40,0	6000
1202452	H1243640-202400	20	32,0	1 1/4"	24	1 1/2	63,5	114,8	45,5	6000
1202453	H1243640-242400	24	38,0	1 1/2"	24	1 1/2	63,5	122,9	45,0	6000
1202734	H1243640-323200	32	51,0	2"	32	2	79,4	156,6	60,0	6000

Design and dimensions shown may be changed without prior notice

// H1243690

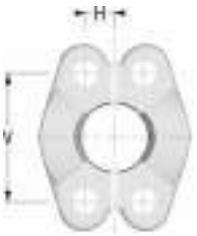
90° Flange SAE 6000 psi J518 Code 62
SFS 90
Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1202257	H1243690-080800	8	13,0	1/2"	8	1/2	31,8	47,8	46,0	6000
1202766	H1243690-081200	8	13,0	1/2"	12	3/4	41,3	47,8	54,0	6000
1202808	H1243690-100800	10	16,0	5/8"	8	1/2	31,8	50,0	52,0	6000
1202814	H1243690-101200	10	16,0	5/8"	12	3/4	41,3	49,9	55,0	6000
1202075	H1243690-121200	12	19,0	3/4"	12	3/4	41,3	63,2	61,0	6000
1201795	H1243690-121600	12	19,0	3/4"	16	1	47,6	63,2	66,0	6000
1216913	H1243690-161200	16	25,0	1"	12	3/4	41,3	72,6	61,0	6000
1201739	H1243690-161600	16	25,0	1"	16	1	47,6	73,6	75,0	6000
1202767	H1243690-162000	16	25,0	1"	20	1 1/4	54,0	77,6	78,0	6000
1202735	H1243690-202000	20	32,0	1 1/4"	20	1 1/4	54,0	94,5	89,0	6000
1202768	H1243690-202400	20	32,0	1 1/4"	24	1 1/2	63,5	98,0	94,0	6000
1202736	H1243690-242400	24	38,0	1 1/2"	24	1 1/2	63,5	99,6	105,0	6000
1202769	H1243690-243200	24	38,0	1 1/2"	32	2	79,4	116,9	123,0	6000
1202762	H1243690-323200	32	51,0	2"	32	2	79,4	143,3	132,0	6000

// H10W3320

Split Flange Clamp 3000 psi J518 Code 61
FHL



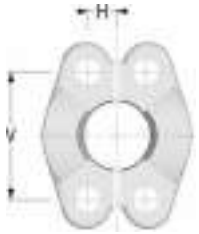
Item Code	Product Code	FD (in)	V (mm)	H (mm)
1900451	H10W3320-080000	1/2"	38,1	8,7
1900457	H10W3320-120000	3/4"	47,6	11,1
1900452	H10W3320-160000	1"	52,4	13,1
1900454	H10W3320-200000	1 1/4"	58,7	15,1
1900453	H10W3320-240000	1 1/2"	69,9	17,9
1900455	H10W3320-320000	2"	77,8	21,4
1900456	H10W3320-400000	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

Design and dimensions shown may be changed without prior notice

// H10W3620

Split Flange Clamp 6000 psi J518 Code 62

FHS

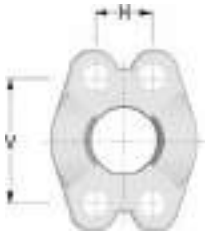


Item Code	Product Code	FD (in)	V (mm)	H (mm)
1900445	H10W3620-080000	1/2"	40,5	9,1
1900450	H10W3620-120000	3/4"	50,8	11,9
1900446	H10W3620-160000	1"	57,2	13,9
1900448	H10W3620-200000	1 1/4"	66,7	15,9
1900447	H10W3620-240000	1 1/2"	79,4	18,3
1900449	H10W3620-320000	2"	96,8	22,2

// H10W3310

4 Hole Flange Clamp 3000 psi J518 Code 61

VHL

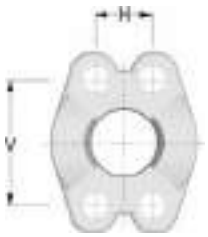


Item Code	Product Code	FD (in)	V (mm)	H (mm)
1900442	H10W3310-120000	3/4"	47,6	22,2
1900437	H10W3310-160000	1"	52,4	26,2
1900439	H10W3310-200000	1 1/4"	58,7	30,2
1900438	H10W3310-240000	1 1/2"	69,9	35,8
1900440	H10W3310-320000	2"	77,8	42,8

// H10W3610

4 Hole Flange Clamp 6000 psi J518 Code 62

VHS



Item Code	Product Code	FD (in)	V (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



// NEW INTERLOCK FITTINGS

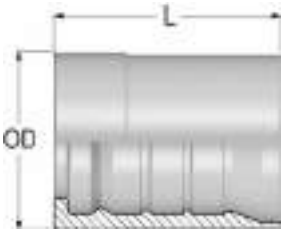
// FERRULES 118
// HOSE MENDER 119
// BSP INSERTS 120
// DIN METRIC INSERTS 122
// JIC 37° INSERTS 124
// NPTF INSERTS 126
// ORFS INSERTS 127
// SAE FLANGES 129
// SUPERCAT FLANGES 132

Design and dimensions shown may be changed without prior notice

// FERRULES

// H1700200

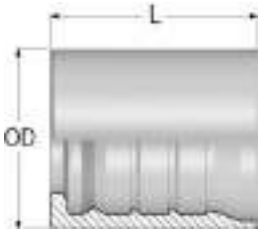
Interlock Dual Skive Ferrule for 4 Spiral Hoses



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1251401	H1700200-120000	12	19,0	3/4"	38,0	48,7
1251403	H1700200-160000	16	25,0	1"	46,0	55,7
1251406	H1700200-200000	20	31,0	1 1/4"	55,0	66,0
1251409	H1700200-240000	24	38,0	1 1/2"	62,0	68,0
1251466	H1700200-320000	32	51,0	2"	78,0	79,5

// H1700301

Interlock Dual Skive Ferrule for 4-6 Spiral Hoses



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1251399	H1700301-100000	10	16,0	5/8"	35,5	46,0
1254787	H1700301-120000	12	19,0	3/4"	42,5	48,7
1254788	H1700301-160000	16	25,0	1"	52,0	55,7
1251405	H1700301-200000	20	31,0	1 1/4"	62,0	66,0
1251408	H1700301-240000	24	38,0	1 1/2"	69,5	68,0
1254090	H1700301-320000	32	51,0	2"	88,0	79,5

Design and dimensions shown may be changed without prior notice

// HOSE MENDER

// H17C5610

Hose Mender



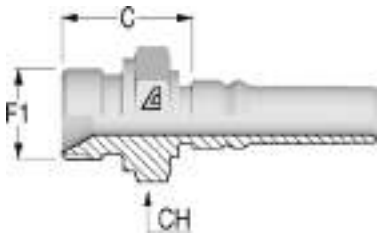
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)
1254483	H17C5610-101000	10	16,0	5/8"
1255020	H17C5610-202000	20	32,0	1 1/4"

Design and dimensions shown may be changed without prior notice

// BSP INSERTS

// H1710510

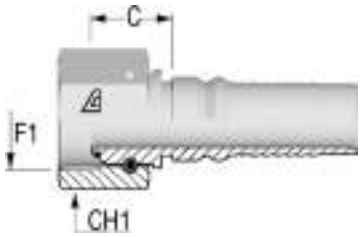
BSPP Male 60° Flare
AGR



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1254467	H1710510-121200	12	19,0	3/4"	12	3/4-14	34,0	32,0
1254465	H1710510-161600	16	25,0	1"	16	1-11	40,0	41,0
1255015	H1710510-202000	20	32,0	1 1/4"	20	1 1/4-11	45,2	50,0
1255116	H1710510-242400	24	38,0	1 1/2"	24	1 1/2-11	48,5	55,0

// H1720812

BSPP Female 60° Cone with O-Ring
DKOR

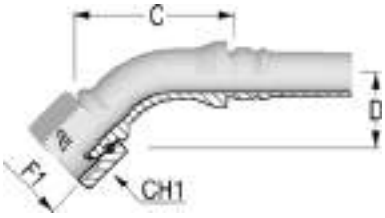


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1254447	H1720812-121200	Thrust wire nut	12	19,0	3/4"	12	3/4-14	22,5	32,0
1254448	H1720812-161600	Thrust wire nut	16	25,0	1"	16	1-11	25,5	38,0
1255009	H1720812-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 1/4-11	30,2	50,0
1255097	H1720812-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	33,5	55,0

Image: insert with Thrust Wire Nut.

// H1720842

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



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254217	H1720842-121200	Thrust wire nut	12	19,0	3/4"	12	3/4-14	72,0	30,0	32,0
1254218	H1720842-161600	Thrust wire nut	16	25,0	1"	16	1-11	81,0	34,0	38,0
1254898	H1720842-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 1/4-11	97,0	40,0	50,0
1255119	H1720842-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	113,0	46,0	55,0

Design and dimensions shown may be changed without prior notice

// H1720892

90° BSPP Female 60° Cone with O-Ring

DKOR 90

Solid one piece



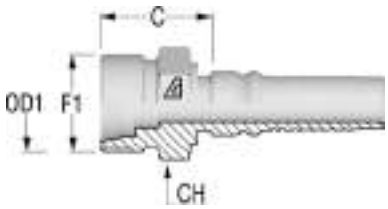
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254203	H1720892-121200	Thrust wire nut	12	19,0	3/4"	12	3/4-14	58,0	61,0	32,0
1254212	H1720892-161600	Thrust wire nut	16	25,0	1"	16	1-11	75,0	71,0	38,0
1254830	H1720892-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 1/4-11	79,0	83,0	50,0
1255111	H1720892-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 1/2-11	93,0	96,0	55,0

Design and dimensions shown may be changed without prior notice

// DIN METRIC INSERTS

// H1711210

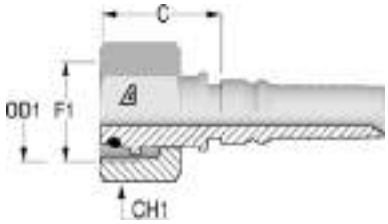
Metric Male 24° Seat
DIN 3853 - Heavy Series
CES



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH (mm)
1254527	H1711210-103000	10	16,0	5/8"	M30X2	20	31,0	32,0
1254442	H1711210-123600	12	19,0	3/4"	M36X2	25	35,0	36,0
1254443	H1711210-164200	16	25,0	1"	M42X2	30	40,0	46,0
1255008	H1711210-205200	20	32,0	1 1/4"	M52X2	38	45,2	55,0

// H1721613

Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS



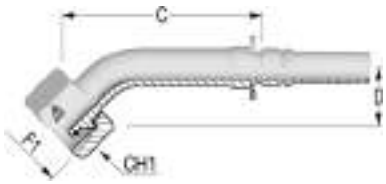
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1254282	H1721613-103000	Slip on nut	10	16,0	5/8"	M30X2	20	34,4	36,0
1254440	H1721612-123000	Thrust wire nut	12	19,0	3/4"	M30X2	20	37,5	36,0
1254281	H1721613-123600	Slip on nut	12	19,0	3/4"	M36X2	25	37,6	46,0
1254441	H1721612-163600	Thrust wire nut	16	25,0	1"	M36X2	25	38,8	46,0
1254280	H1721613-164200	Slip on nut	16	25,0	1"	M42X2	30	40,7	50,0
1254801	H1721612-204200	Thrust wire nut	20	32,0	1 1/4"	M42X2	30	43,2	50,0
1254776	H1721613-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	45,3	60,0
1255093	H1721612-245200	Thrust wire nut	24	38,0	1 1/2"	M52X2	38	50,8	60,0

Image: insert with Slip on Nut.

Design and dimensions shown may be changed without prior notice

// H1721643

45° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS
Solid one piece

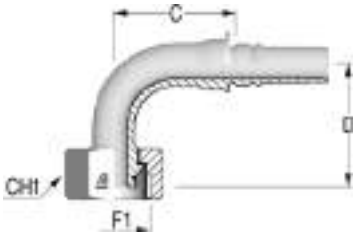


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1254459	H1721643-103000	Slip on nut	10	16,0	5/8"	M30X2	20	59,0	31,5	36,0
1254486	H1721642-123000	Thrust wire nut	12	19,0	3/4"	M30X2	20	74,0	33,0	36,0
1254458	H1721643-123600	Slip on nut	12	19,0	3/4"	M36X2	25	78,1	36,0	46,0
1254216	H1721642-163600	Thrust wire nut	16	25,0	1"	M36X2	25	86,5	37,5	46,0
1254195	H1721643-164200	Slip on nut	16	25,0	1"	M42X2	30	96,8	38,0	50,0
1254819	H1721643-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	113,0	48,0	60,0
1255118	H1721642-245200	Thrust wire nut	24	38,0	1 1/2"	M52X2	38	111,0	44,0	60,0

Image: insert with Slip on Nut.

// H1721693

90° Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS 90
Solid one piece



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	D Drop (mm)	CH1 (mm)
1254451	H1721693-103000	Slip on nut	10	16,0	5/8"	M30X2	20	48,0	55,0	36,0
1254460	H1721692-123000	Thrust wire nut	12	19,0	3/4"	M30X2	20	61,0	67,5	36,0
1254449	H1721693-123600	Slip on nut	12	19,0	3/4"	M36X2	25	61,7	65,0	46,0
1254197	H1721692-163600	Thrust wire nut	16	25,0	1"	M36X2	25	76,5	82,0	46,0
1254450	H1721693-164200	Slip on nut	16	25,0	1"	M42X2	30	86,4	79,0	50,0
1254812	H1721693-205200	Slip on nut	20	32,0	1 1/4"	M52X2	38	90,9	101,0	60,0
1255109	H1721692-245200	Thrust wire nut	24	38,0	1 1/2"	M52X2	38	100,5	102,0	60,0

Image: insert with Slip on Nut.

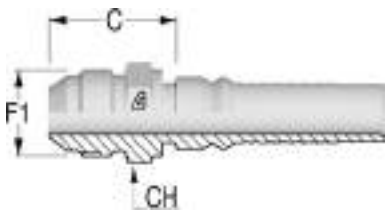
Design and dimensions shown may be changed without prior notice

// JIC 37° INSERTS

// H1712510

JIC Male 37° Cone

AGJ

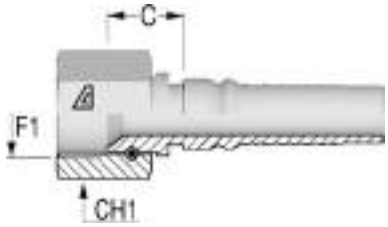


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1254481	H1712510-121200	12	19,0	3/4"	12	1 1/16-12	37,0	32,0
1254720	H1712510-121600	12	19,0	3/4"	16	1 5/16-12	40,0	36,0
1254263	H1712510-161600	16	25,0	1"	16	1 5/16-12	41,0	36,0
1254736	H1712510-162000	16	25,0	1"	20	1 5/8-12	44,5	46,0
1255019	H1712510-202000	20	32,0	1 1/4"	20	1 5/8-12	45,7	46,0
1255018	H1712510-202400	20	32,0	1 1/4"	24	1 7/8-12	49,7	50,0
1255134	H1712510-242400	24	38,0	1 1/2"	24	1 7/8-12	50,0	50,0

// H1722512

JIC Female 37° Seat

DKJ

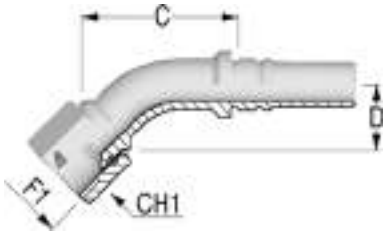


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1254455	H1722512-121200	Thrust wire nut	12	19,0	3/4"	12	1 1/16-12	18,7	32,0
1254530	H1722512-121600	Thrust wire nut	12	19,0	3/4"	16	1 5/16-12	21,5	38,0
1254454	H1722512-161600	Thrust wire nut	16	25,0	1"	16	1 5/16-12	22,5	38,0
1254700	H1722512-162000	Thrust wire nut	16	25,0	1"	20	1 5/8-12	24,5	50,0
1251404	H1722512-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	25,7	50,0
1251407	H1722512-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	29,0	55,0
1251465	H1722512-323200	Thrust wire nut	32	51,0	2"	32	2 1/2-12	34,0	70,0

Design and dimensions shown may be changed without prior notice

// H1722542

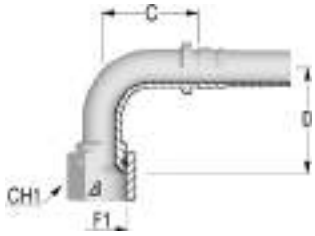
45° JIC Female 37° Seat
DKJ 45
Solid one piece



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254512	H1722542-121200	Thrust wire nut	12	19,0	3/4"	12	1 1/16-12	66,0	27,5	32,0
1254727	H1722542-121600	Thrust wire nut	12	19,0	3/4"	16	1 5/16-12	72,0	30,0	38,0
1254265	H1722542-161600	Thrust wire nut	16	25,0	1"	16	1 5/16-12	80,0	31,0	38,0
1255002	H1722542-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	93,0	37,0	50,0
1255137	H1722542-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	121,0	40,5	55,0

// H1722592

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



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254491	H1722592-121200	Thrust wire nut	12	19,0	3/4"	12	1 1/16-12	45,0	57,0	32,0
1254260	H1722592-161600	Thrust wire nut	16	25,0	1"	16	1 5/16-12	71,0	67,0	38,0
1254903	H1722592-202000	Thrust wire nut	20	32,0	1 1/4"	20	1 5/8-12	79,2	78,0	50,0
1255130	H1722592-242400	Thrust wire nut	24	38,0	1 1/2"	24	1 7/8-12	94,5	92,0	55,0

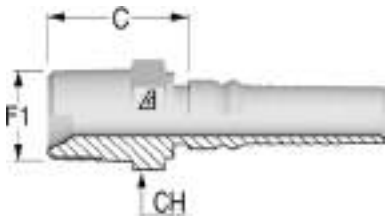
Design and dimensions shown may be changed without prior notice

// NPTF INSERTS

// H1712810

NPTF Male 60° Seat

AGN



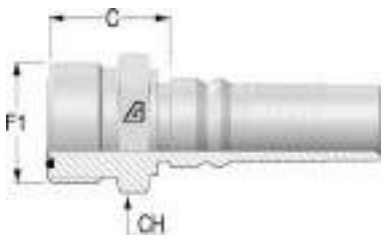
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1254531	H1712810-121200	12	19,0	3/4"	12	3/4-14	32,0	27,0
1254464	H1712810-161600	16	25,0	1"	16	1-11 1/2	42,0	36,0
1254837	H1712810-202000	20	32,0	1 1/4"	20	1 1/4-11 1/2	46,2	46,0
1255115	H1712810-242400	24	38,0	1 1/2"	24	1 1/2-11 1/2	48,0	50,0

Design and dimensions shown may be changed without prior notice

// ORFS INSERTS

// H1712410

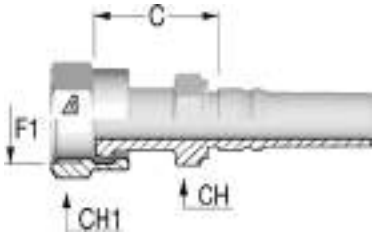
ORFS Male



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1254479	H1712410-121200	12	19,0	3/4"	12	1 3/16-12	30,2	30,0
1254510	H1712410-161600	16	25,0	1"	16	1 7/16-12	35,8	38,0
1254904	H1712410-202000	20	32,0	1 1/4"	20	1 11/16-12	38,7	46,0

// H1722411

ORFS Female with Stem Hexagon



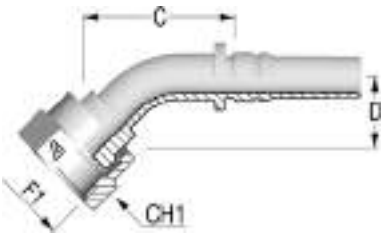
Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)	CH1 (mm)
1254292	H1722411-121200	Crimped	12	19,0	3/4"	12	1 3/16-12	40,0	30,0	36,0
1254439	H1722411-121600	Crimped	12	19,0	3/4"	16	1 7/16-12	43,0	36,0	41,0
1254471	H1722411-161200	Crimped	16	25,0	1"	12	1 3/16-12	42,0	32,0	36,0
1254438	H1722411-161600	Crimped	16	25,0	1"	16	1 7/16-12	47,0	36,0	41,0
1254513	H1722411-162000	Crimped	16	25,0	1"	20	1 11/16-12	49,0	46,0	50,0
1254800	H1722411-202000	Crimped	20	32,0	1 1/4"	20	1 11/16-12	47,2	46,0	50,0
1255091	H1722411-242400	Crimped	24	38,0	1 1/2"	24	2-12	52,0	50,0	60,0

// H1722441

45° ORFS Female

DK ORFS 45

Solid one piece

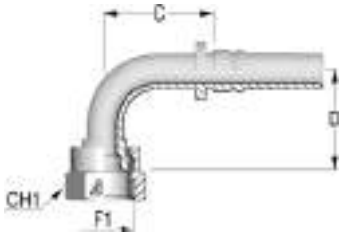


Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254463	H1722441-121200	Crimped	12	19,0	3/4"	12	1 3/16-12	78,0	26,0	36,0
1254461	H1722441-121600	Crimped	12	19,0	3/4"	16	1 7/16-12	68,4	28,0	41,0
1254462	H1722441-161600	Crimped	16	25,0	1"	16	1 7/16-12	114,0	28,0	41,0
1254201	H1722441-162000	Crimped	16	25,0	1"	20	1 11/16-12	83,4	28,0	50,0
1254823	H1722441-202000	Crimped	20	32,0	1 1/4"	20	1 11/16-12	100,7	33,0	50,0

Design and dimensions shown may be changed without prior notice

// H1722491

90° ORFS Female
DK ORFS 90
Solid one piece



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	D Drop (mm)	CH1 (mm)
1254452	H1722491-121200	Crimped	12	19,0	3/4"	12	1 3/16-12	64,2	58,0	36,0
1254518	H1722491-121600	Crimped	12	19,0	3/4"	16	1 7/16-12	66,2	58,0	41,0
1254453	H1722491-161600	Crimped	16	25,0	1"	16	1 7/16-12	75,2	66,0	41,0
1254694	H1722491-162000	Crimped	16	25,0	1"	20	1 11/16-12	73,2	66,0	50,0
1254816	H1722491-202000	Crimped	20	32,0	1 1/4"	20	1 11/16-12	91,7	81,0	50,0

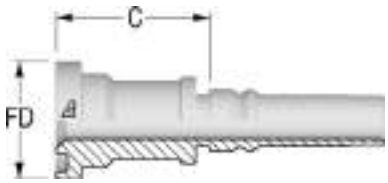
Design and dimensions shown may be changed without prior notice

// SAE FLANGES

// H1743310

Flange SAE 3000 psi J518 Code 61

SFL



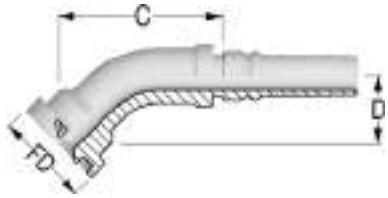
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	WP (psi)
1254456	H1743310-161600	16	25,0	1"	16	1	44,5	49,0	5000
1254177	H1743310-162000	16	25,0	1"	20	1 1/4	50,8	51,5	4000
1255010	H1743310-202000	20	32,0	1 1/4"	20	1 1/4	50,8	52,7	4000
1254817	H1743310-202400	20	32,0	1 1/4"	24	1 1/2	60,3	55,7	3000
1255063	H1743310-242400	24	38,0	1 1/2"	24	1 1/2	60,3	56,0	3000
1255083	H1743310-243200	24	38,0	1 1/2"	32	2	71,4	67,5	3000

// H1743340

45° Flange SAE 3000 psi J518 Code 61

SFL 45

Solid one piece



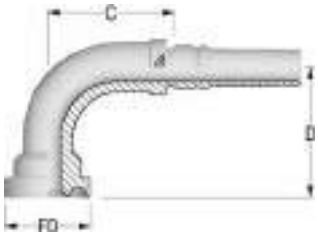
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1254245	H1743340-162000	16	25,0	1"	20	1 1/4	50,8	95,6	30,0	4000
1254901	H1743340-202000	20	32,0	1 1/4"	20	1 1/4	50,8	100,9	32,5	4000
1254902	H1743340-202400	20	32,0	1 1/4"	24	1 1/2	60,3	92,8	40,0	3000
1255122	H1743340-242400	24	38,0	1 1/2"	24	1 1/2	60,3	103,7	43,0	3000

// H1743390

90° Flange SAE 3000 psi J518 Code 61

SFL 90

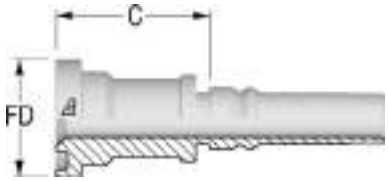
Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1254178	H1743390-161600	16	25,0	1"	16	1	44,5	72,2	64,0	5000
1254180	H1743390-162000	16	25,0	1"	20	1 1/4	50,8	70,2	69,0	4000
1254834	H1743390-202000	20	32,0	1 1/4"	20	1 1/4	50,8	86,2	81,0	4000
1254835	H1743390-202400	20	32,0	1 1/4"	24	1 1/2	60,3	81,2	85,0	3000
1255112	H1743390-242400	24	38,0	1 1/2"	24	1 1/2	60,3	96,0	93,0	3000
1255113	H1743390-243200	24	38,0	1 1/2"	32	2	71,4	130,0	97,0	3000

// H1743610

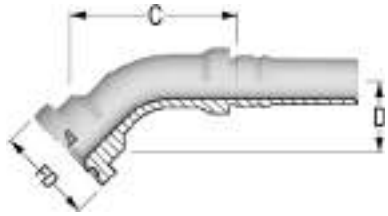
Flange SAE 6000 psi J518 Code 62
SFS



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	WP (psi)
1251400	H1743610-121200	12	19,0	3/4"	12	3/4	41,3	50,0	6000
1254286	H1743610-121600	12	19,0	3/4"	16	1	47,6	53,0	6000
1254284	H1743610-161200	16	25,0	1"	12	3/4	41,3	51,0	6000
1251402	H1743610-161600	16	25,0	1"	16	1	47,6	54,0	6000
1254283	H1743610-162000	16	25,0	1"	20	1 1/4	54,0	61,0	6000
1254778	H1743610-201600	20	32,0	1 1/4"	16	1	47,6	80,2	6000
1254777	H1743610-202000	20	32,0	1 1/4"	20	1 1/4	54,0	62,2	6000
1254779	H1743610-202400	20	32,0	1 1/4"	24	1 1/2	63,5	68,2	6000
1255054	H1743610-242000	24	38,0	1 1/2"	20	1 1/4	54,0	62,5	6000
1255053	H1743610-242400	24	38,0	1 1/2"	24	1 1/2	63,5	68,5	6000
1255062	H1743610-243200	24	38,0	1 1/2"	32	2	79,4	80,5	6000
1254820	H1743610-323200	32	51,0	2"	32	2	79,4	87,0	6000

// H1743640

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



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1254446	H1743640-121200	12	19,0	3/4"	12	3/4	41,3	72,1	30,0	6000
1254161	H1743640-121600	12	19,0	3/4"	16	1	47,6	76,8	33,0	6000
1254475	H1743640-161200	16	25,0	1"	12	3/4	41,3	80,3	29,5	6000
1254445	H1743640-161600	16	25,0	1"	16	1	47,6	94,8	35,0	6000
1254165	H1743640-162000	16	25,0	1"	20	1 1/4	54,0	105,3	44,0	6000
1254803	H1743640-201600	20	32,0	1 1/4"	16	1	47,6	104,7	34,5	6000
1254802	H1743640-202000	20	32,0	1 1/4"	20	1 1/4	54,0	102,0	39,5	6000
1254811	H1743640-202400	20	32,0	1 1/4"	24	1 1/2	63,5	111,7	48,0	6000
1255094	H1743640-242400	24	38,0	1 1/2"	24	1 1/2	63,5	136,3	48,0	6000
1255096	H1743640-243200	24	38,0	1 1/2"	32	2	79,4	129,1	55,0	6000

Design and dimensions shown may be changed without prior notice

// H1743690

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



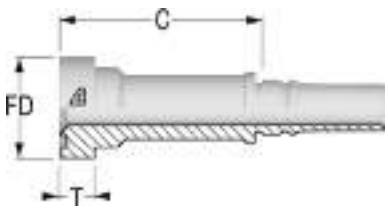
Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	C (mm)	D Drop (mm)	WP (psi)
1254287	H1743690-121200	12	19,0	3/4"	12	3/4	41,3	61,2	64,0	6000
1254146	H1743690-121600	12	19,0	3/4"	16	1	47,6	61,2	66,0	6000
1254288	H1743690-161200	16	25,0	1"	12	3/4	41,3	70,2	61,0	6000
1254144	H1743690-161600	16	25,0	1"	16	1	47,6	70,4	74,0	6000
1254145	H1743690-162000	16	25,0	1"	20	1 1/4	54,0	77,2	80,0	6000
1254786	H1743690-202000	20	32,0	1 1/4"	20	1 1/4	54,0	88,2	91,0	6000
1254794	H1743690-202400	20	32,0	1 1/4"	24	1 1/2	63,5	92,9	103,5	6000
1255087	H1743690-242400	24	38,0	1 1/2"	24	1 1/2	63,5	106,3	109,0	6000
1255089	H1743690-243200	24	38,0	1 1/2"	32	2	79,4	106,5	121,5	6000

Design and dimensions shown may be changed without prior notice

// SUPERCAT FLANGES

// H1743910

Flange SUPERCAT

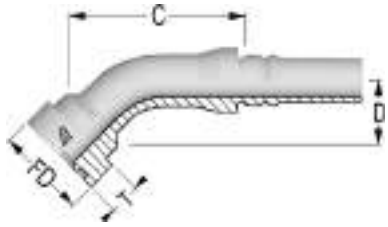


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	T (mm)	C (mm)
1254735	H1743910-121200	12	19,0	3/4"	12	3/4	41,3	14,3	82,0
1254241	H1743910-121600	12	19,0	3/4"	16	1	47,6	14,3	82,0
1254223	H1743910-161600	16	25,0	1"	16	1	47,6	14,3	90,0
1254240	H1743910-162000	16	25,0	1"	20	1 1/4	54,0	14,3	90,0
1254899	H1743910-202000	20	32,0	1 1/4"	20	1 1/4	54,0	14,3	86,2
1254900	H1743910-202400	20	32,0	1 1/4"	24	1 1/2	63,5	14,3	83,2

// H1743940

45° Flange SUPERCAT

Solid one piece

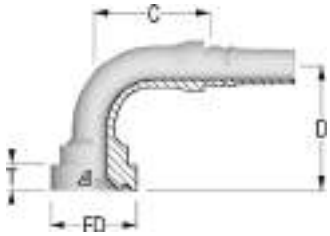


Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	T (mm)	C (mm)	D Drop (mm)
1254721	H1743940-121200	12	19,0	3/4"	12	3/4	41,3	14,3	83,0	34,0
1254258	H1743940-121600	12	19,0	3/4"	16	1	47,6	14,3	87,4	34,0
1254256	H1743940-161600	16	25,0	1"	16	1	47,6	14,3	93,9	40,0
1254257	H1743940-162000	16	25,0	1"	20	1 1/4	54,0	14,3	95,4	40,0
1254908	H1743940-202000	20	32,0	1 1/4"	20	1 1/4	54,0	14,3	103,6	43,0
1254907	H1743940-202400	20	32,0	1 1/4"	24	1 1/2	63,5	14,3	110,1	49,5

// H1743990

90° Flange SUPERCAT

Solid one piece



Item Code	Product Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	FD (mm)	T (mm)	C (mm)	D Drop (mm)
1254251	H1743990-121200	12	19,0	3/4"	12	3/4	41,3	14,3	63,7	67,0
1254253	H1743990-121600	12	19,0	3/4"	16	1	47,6	14,3	65,2	70,0
1254250	H1743990-161600	16	25,0	1"	16	1	47,6	14,3	80,4	79,0
1254252	H1743990-162000	16	25,0	1"	20	1 1/4	54,0	14,3	75,4	82,5
1254905	H1743990-202000	20	32,0	1 1/4"	20	1 1/4	54,0	14,3	89,2	93,0
1254906	H1743990-202400	20	32,0	1 1/4"	24	1 1/2	63,5	14,3	91,4	101,0