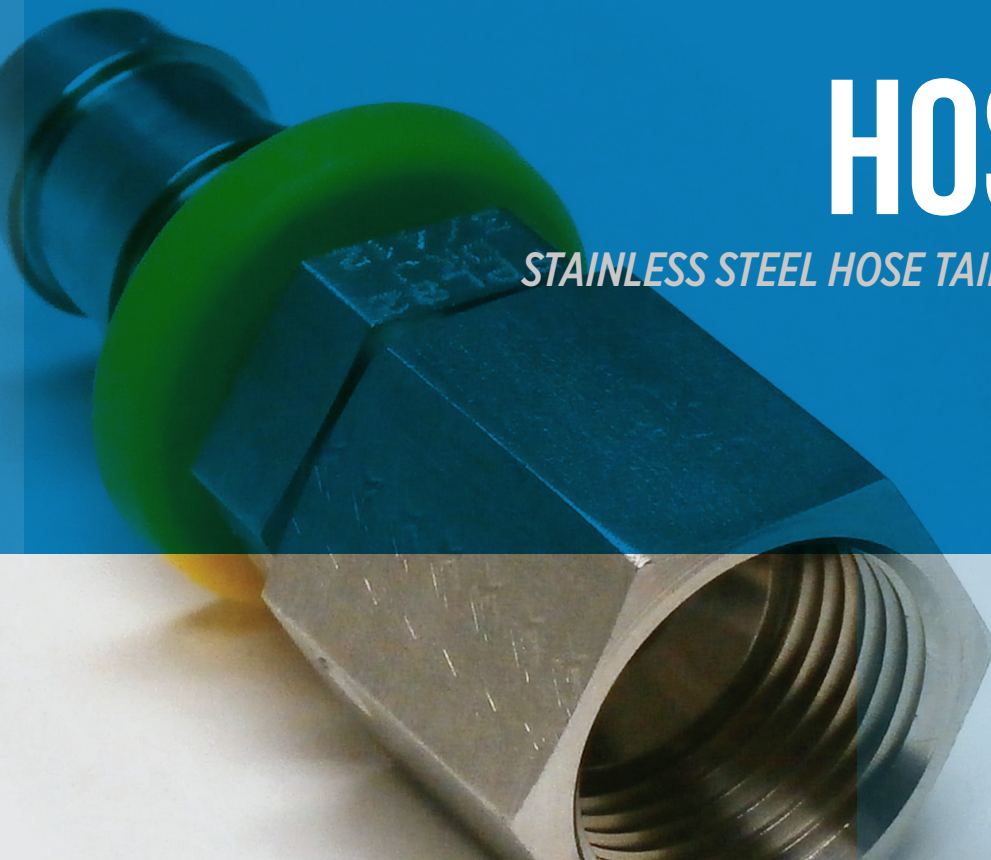


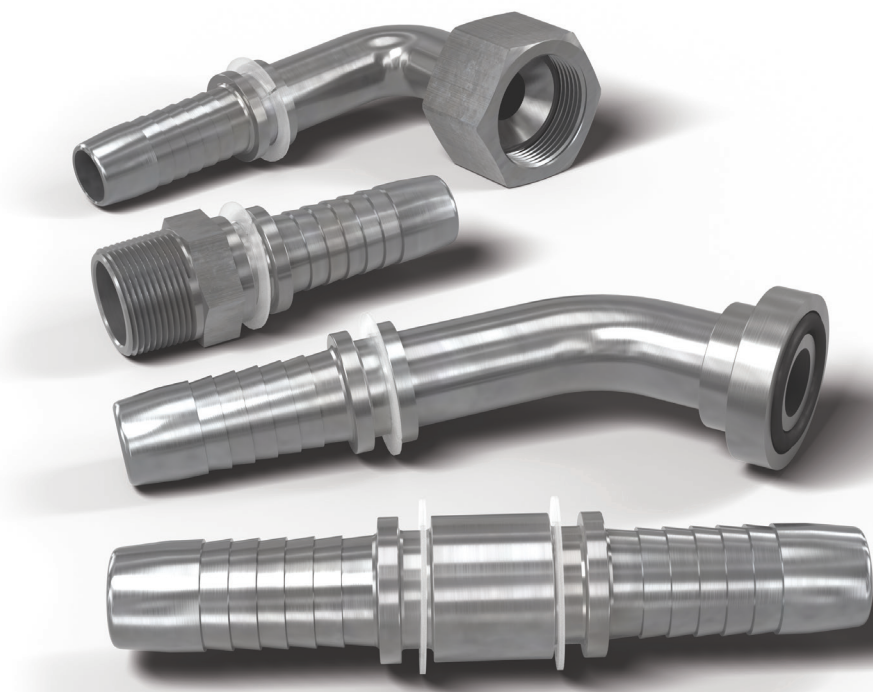
HOSE TAILS

STAINLESS STEEL HOSE TAILS AND FERRULES BY VOLZ



Thread Chart for Hose Couplings

Ø Hose Dash Size	Ø Hose Inch	Ø Hose DN	BSP	NPT	UNF/UN JIC 37°	Metric DIN 2353 / ISO 8434-1 Light Series (L)	Metric DIN 2353 / ISO 8434-1 Heavy Series (S)	UNF/UNS/UN ORFS	Flanges SAE J518 ISO 12151-3	
									3.000 PSI	6.000 PSI
-3	3/16"	5	1/8" 1/4"	1/8"	7/16"-20 UNF	6L-12x1.5	8S-16x1.5	-	-	-
-4	1/4"	6	1/8" 1/4" 3/8"	1/8" 1/4" 3/8"	7/16"-20 UNF 1/2"-20 UNF 9/16"-18 UNF	6L-12x1.5 8L-14x1.5 10L-16x1.5 12L-18x1.5	8S-16x1.5 10S-18x1.5	9/16"-18 UNF 11/16"-16 UN	-	-
-5	5/16"	8	1/4" 3/8"	3/8"	1/2"-20 UNF 9/16"-18 UNF	10L-16x1.5 12L-18x1.5	12S-20x1.5	11/16"-16 UN	-	-
-6	3/8"	10	3/8" 1/2"	1/4" 3/8" 1/2"	9/16"-18 UNF 3/4"-16 UNF 7/8"-14 UNF	10L-16x1.5 12L-18x1.5 15L-22x1.5	12S-20x1.5 14S-22x1.5	11/16"-16 UN 13/16"-16 UN	-	-
-8	1/2"	12	3/8" 1/2" 5/8" 3/4"	3/8" 1/2" 3/4"	3/4"-16 UNF 7/8"-14 UNF 1 1/16"-12 UN	15L-22x1.5 18L-26x1.5	16S-24x1.5	13/16"-16 UN 1"-14 UNS 1 3/16"-12 UN	1/2" 3/4"	1/2" 3/4"
-10	5/8"	16	5/8" 3/4"	1/2"	7/8"-14 UNF 1 1/16"-12 UN	18L-26x1.5	20S-30x2	1"-14 UNS	3/4"	3/4"
-12	3/4"	20	3/4" 1"	3/4" 1"	1 1/16"-12 UN 1 3/16"-12 UN 1 5/16"-12 UN	22L-30x2	20S-30x2 25S-36x2	1 3/16"-12 UN 1 7/16"-12 UN	3/4" 1"	3/4" 1"
-16	1"	25	1" 1 1/4"	1" 1 1/4"	1 1/16"-12 UN 1 5/16"-12 UN 1 5/8"-12 UN	28L-36x2	25S-36x2 30S-42x2	1 7/16"-12 UN	1" 1 1/4"	1" 1 1/4"
-20	1 1/4"	32	1 1/4" 1 1/2"	1 1/4"	1 5/8"-12 UN 1 7/8"-12 UN	35L-45x2	38S-52x2	1 11/16"-12 UN	1 1/4" 1 1/2"	1 1/4" 1 1/2"
-24	1 1/2"	40	1 1/2" 2"	1 1/2"	1 7/8"-12 UN	42L-52x2	-	2"-12 UN	1 1/2" 2"	1 1/2" 2"
-32	2"	50	2"	2"	2 1/2"-12 UN	-	-	-	2" 2 1/2"	2"



Standard Hose

Ferrule Compatibility Guide

*Call for specs for specific hose manufacturers

Hose ID			1 WIRE NON SKIVE DIN EN 853 1 SN SAE 100 R1 AT	1 WIRE NON SKIVE DIN EN 853 2 SN SAE 100 R2 AT	1 WIRE COMPACT DIN EN 857 1SC ISO 11237-1 1 SC	2 WIRE COMPACT DIN EN 857 2SC SAE 100 R17/R19	1 & 2 TEXTILE BRAID DIN EN 854 2TE	TEXTILE BRAID DIN EN 854 3TE	PTFE-T1 SAE 100 R14 Smooth Bore	PTFE-W1 Convoluted	THERMO PLASTIC DIN EN 855 R7 SAE 100 R7
Inches	Dash	DN	PF3 Non Skive	PF3/PF11 Non Skive	PF17 Non Skive	PF3 Non Skive	PF4 Non Skive	PF4/PF2 Non Skive	PF7 Non Skive	PF9 Non Skive	PF8 Non Skive
3/16	-3	5							D200787		D200795
1/4	-4	6	D200747	D200747	D221730	D200747	D200762	D200762	D200788	D200812	D200796
5/16	-5	8	D200748	D200748	D221733	D200748	D200763	D200763	D200789	D211946	D200797
3/8	-6	10	D200749	D200749	D221418	D200749	D200764	D200764	D200790	D200813	D200798
1/2	-8	12	D200750	D200750	D221735	D200750	D200766	D200766	D200791	D200814	D209679
5/8	-10	16	D200752	D200752	D221419	D200752	D200767	D200767	D200792	D200815	D209680
3/4	-12	20	D200753	D200753	D221736	D200753	D200768	D200768	D200793	D200021	D209681
1	-16	25	D200754	D200754	D221737	D200754	D200769	D200769	D200794	D200802	D209682
1 1/4	-20	32	D200755	D200759				D200770		D200816	
1 1/2	-24	40	D200756	D200760				D200771		D208168	
2	-32	50	D200757	D200761				D200745		D208169	

Hose ID			1 Wire Skive DIN 853 1 ST SAE 100 R1A	2 Wire Skive DIN EN 853 2 ST SAE 100 R2A	Multispiral DIN EN 856 4 SP/R12 SAE 100 R9 R	Multispiral DIN EN 856 4 SH	Multispiral DIN EN 856 R13 SAE 100 R13	Multispiral DIN EN 856 R15 SAE 100 R15
Inches	Dash	DN	PF1 External Skive	PF2 External Skive	PF5 External Skive	PFI-4SH Ext. & Int. Skive	PFI-R13 Ext. & Int. Skive	PFI-R15 Ext. & Int. Skive
3/16	-3	5						
1/4	-4	6	D200716	D200727	D200772			
5/16	-5	8	D200717	D200728				
3/8	-6	10	D200718	D200729	D200773			
1/2	-8	12	D200719	D200730	D200774			
5/8	-10	16	D200720	D200732	D200775			
3/4	-12	20	D200721	D200741	D200776	D114471	D114471	D114471
1	-16	25	D200722	D200742	D200777	D114472	D114472	D114472
1 1/4	-20	32	D200723	D200743	D200778	D114463	D114469	D114469
1 1/2	-24	40	D200724	D200744	D200779	D114464	D114470	D114470
2	-32	50	D200725	D200745	D200780	D114465	D114473	

Hose Tails



Hose Tail-JIC HT-JIC-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

Item	Hose I.D.	JIC
D201883	1/4	1/4
D201884	1/4	5/16
D201885	1/4	3/8
D201887	5/16	3/16
D201886	5/16	5/16
D201888	3/8	3/8
D201889	3/8	1/2
D201890	1/2	1/2
D201891	1/2	5/8
D201893	5/8	1/2
D201892	5/8	5/8
D201894	3/4	5/8
D200621	3/4	3/4
D201895	1	1
D201896	1	1 1/4
D201897	1 1/4	1 1/4
D201898	1 1/2	1 1/2
D201899	2	2

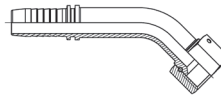


Hose Tail-Female JIC HT-FJIC-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FJIC
D222383	3/16	1/4
D201733	1/4	1/4
D201735	1/4	5/16
D201737	1/4	3/8
D217105	5/16	1/4
D201739	5/16	5/16
D201568	5/16	3/8
D201741	3/8	3/8
D201743	3/8	1/2
D206962	3/8	5/8
D206963	1/2	3/8
D200998	1/2	1/2

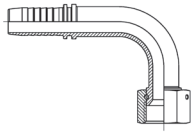
Item	Hose I.D.	FJIC
D201745	1/2	5/8
D206964	1/2	3/4
D201747	5/8	1/2
D201720	5/8	5/8
D201749	5/8	3/4
D201003	3/4	3/4
D201569	3/4	1
D206965	1	3/4
D201719	1	1
D218334	1	1 1/4
D201751	1 1/4	1 1/4
D201753	1 1/2	1 1/2
D201755	2	2



Hose Tail-Female JIC-45 HT-FJIC-45

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

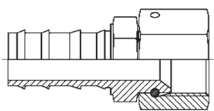
Item	Hose I.D.	FJIC
D208234	1/4	1/4
D208259	1/4	5/16
D208260	1/4	3/8
D208261	5/16	5/16
D208262	5/16	3/8
D208263	3/8	3/8
D208264	3/8	1/2
D208265	3/8	5/8
D208266	1/2	1/2
D208267	1/2	5/8
D208268	1/2	3/4
D201722	5/8	5/8
D208269	5/8	3/4
D208270	3/4	3/4
D208271	3/4	1
D201721	1	1
D208272	1	1 1/4
D208273	1 1/4	1 1/4
D208274	1 1/4	1 1/2
D208275	1 1/2	1 1/2
D208276	1 1/2	2
D208277	2	2



Hose Tail-Female JIC-90 HT-FJIC-90

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

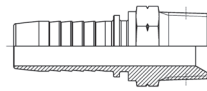
Item	Hose I.D.	FJIC
D202303	1/4	1/4
D202306	1/4	5/16
D202300	1/4	3/8
D202305	5/16	5/16
D206617	5/16	3/8
D202293	3/8	3/8
D202304	3/8	1/2
D208235	3/8	5/8
D208278	1/2	1/2
D202302	1/2	5/8
D206786	1/2	3/4
D202291	5/8	3/4
D208279	5/8	3/4
D201004	3/4	3/4
D208280	3/4	1
D208281	1	1
D208282	1	1 1/4
D202308	1 1/4	1 1/4
D208283	1 1/4	1 1/2
D202307	1 1/2	1 1/2
D208284	1 1/2	2
D206788	2	2



Hose Tail-FJIC-Push On HTPL-FJIC-STRT

For use with push on hoses

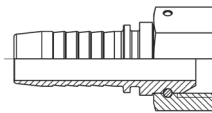
Item	Hose I.D.	FJIC
D206938	1/2	1/2
D206940	1/4	1/4
D206939	3/4	3/4
D206937	3/8	3/8



Hose Tail-NPT HT-MP-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

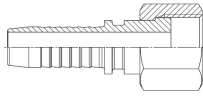
Item	Hose I.D.	NPT
D202030	1/4	1/8
D202031	1/4	1/4
D202034	1/4	3/8
D202032	5/16	1/4
D202035	5/16	3/8
D206957	3/8	1/4
D202036	3/8	3/8
D202037	3/8	1/2
D202033	1/2	1/4
D202038	1/2	1/2
D202039	5/8	3/4
D202040	3/4	1
D202041	1	1
D202042	1 1/4	1 1/4
D202043	1 1/2	1 1/2
D202044	2	2



Hose Tail-Female NPSM HT-FNPSM-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

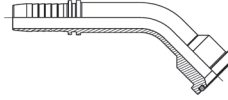
Item	Hose I.D.	NPSM
D212867	1/4	1/4
D212868	1/4	3/8
D212863	3/8	1/4
D212864	3/8	3/8
D212865	3/8	1/2
D212869	1/2	3/8
D212870	1/2	1/2
D212871	1/2	3/4
D212873	5/8	3/4
D212874	3/4	1/2
D212875	3/4	3/4
D212876	3/4	1
D212877	1	1
D212878	1	1 1/4
D212879	1 1/4	1 1/4
D212881	1 1/2	1 1/2
D212882	2	2



Hose Tail-Female ORFS HT-FORFS-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

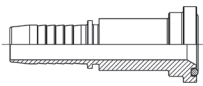
Item	Hose I.D.	ORFS
D232314	1/4	9/16
D232315	1/4	11/16
D232317	3/8	11/16
D232318	3/8	13/16
D232242	1/2	13/16
D232319	1/2	1
D232322	1/2	1.3/16
D232320	5/8	1
D232323	5/8	1.3/16
D232321	3/4	1
D232324	3/4	1.3/16
D232325	3/4	1.7/16
D232326	1	1.7/16



Hose Tail-Code 61-45 HT-CD61-45

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

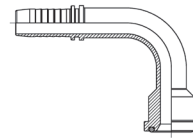
Item	Hose I.D.	CD 61
D208347	1/2	1/2
D208348	1/2	3/4
D208349	5/8	1/2
D208350	5/8	3/4
D208351	3/4	3/4
D208352	3/4	1
D208353	1	1
D208354	1	11/4
D208355	1 1/4	1 1/4
D208356	1 1/4	1 1/2
D208357	1 1/2	1 1/2
D208358	1 1/2	2
D208359	2	2



Hose Tail-Code 61 HT-CD61-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

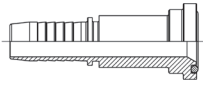
Item	Hose I.D.	CD 61
D208233	1/2	1/2
D208373	1/2	3/4
D208374	5/8	1/2
D208375	5/8	3/4
D208376	3/4	3/4
D208377	3/4	1
D208378	1	1
D208379	1	1 1/4
D208380	1 1/4	1 1/4
D208381	1 1/4	1 1/2
D208382	1 1/2	1 1/2
D208383	1 1/2	2
D208384	2	2



Hose Tail-Code 61-90 HT-CD61-90

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

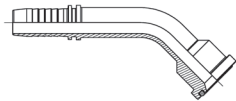
Item	Hose I.D.	CD 61
D208236	1/2	1/2
D208324	1/2	3/4
D208325	5/8	1/2
D208326	5/8	3/4
D208327	3/4	3/4
D206730	3/4	1
D208328	1	1
D206732	1	1 1/4
D208329	1 1/4	1 1/4
D208330	1 1/4	1 1/2
D208331	1 1/2	1 1/2
D208332	1 1/2	2
D208333	2	2



Hose Tail-Code 62 HT-CD62-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

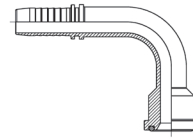
Item	Hose I.D.	CD 62
D208385	1/2	1/2
D208386	1/2	3/4
D208387	5/8	1/2
D208388	5/8	3/4
D208389	3/4	3/4
D208390	3/4	1
D208391	1	1
D208392	1	1 1/4
D208393	1 1/4	1 1/4
D208394	1 1/4	1 1/2
D208395	1 1/2	1 1/2
D208396	1 1/2	2
D208397	2	2



Hose Tail-Code 62-45 HT-CD62-45

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

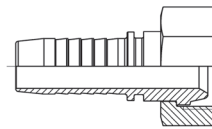
Item	Hose I.D.	CD 62
D208360	1/2	1/2
D208361	1/2	3/4
D208362	5/8	1/2
D208363	5/8	3/4
D208364	3/4	3/4
D208365	3/4	1
D208366	1	1
D208367	1	1 1/4
D208368	1 1/4	1 1/4
D208369	1 1/4	1 1/2
D208370	1 1/2	1 1/2
D208371	1 1/2	2
D208372	2	2



Hose Tail-Code 62-90 HT-CD62-90

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	CD 62
D208334	1/2	1/2
D208335	1/2	3/4
D208336	5/8	1/2
D208337	5/8	3/4
D208338	3/4	3/4
D208339	3/4	1
D208340	1	1
D208341	1	1 1/4
D208342	1 1/4	1 1/4
D208343	1 1/4	1 1/2
D208344	1 1/2	1 1/2
D208345	1 1/2	2
D208346	2	2

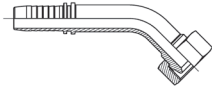


Hose Tail-Female DIN (No O-Ring) HT-FMS-STRT

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FDIN
D206973	1/4	10L
D202309	1/4	10s
D208155	1/4	12L
D206972	1/4	06L
D201601	1/4	08L
D201583	5/16	10L
D201585	5/16	12L
D201604	5/16	12S
D206945	3/8	10L
D201587	3/8	12L
D201606	3/8	12S
D201608	3/8	14S
D201581	3/8	15L
D201589	3/8	15L
D201613	1/2	16S
D201591	5/8	18L
D201615	5/8	20S
D201593	3/4	22L
D201617	3/4	25S
D201619	1	25S

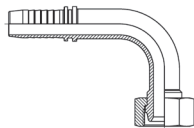
Item	Hose I.D.	FDIN
D201595	1	28L
D201621	1	30S
D201597	1 1/4	35L
D201623	1 1/4	38S
D201599	1 1/2	42L



**Hose Tail-Female DIN-45
(No O-Ring)
HT-FMS-45**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FDIN
D208057	1/4	10L
D208116	1/4	10S
D208058	1/4	12L
D208053	1/4	06L
D208056	1/4	08L
D208059	5/16	10L
D208060	5/16	12L
D208118	5/16	12S
D208061	3/8	10L
D208062	3/8	12L
D208119	3/8	12S
D208120	3/8	14S
D208063	3/8	15L
D208064	1/2	15L
D208121	1/2	16S
D208069	5/8	18L
D208122	5/8	20S
D208112	3/4	22L
D208123	3/4	25S
D208124	1	25S
D208113	1	28L
D208125	1	30S
D208114	1 1/4	35L
D208126	1 1/4	38S
D208115	1 1/2	42L

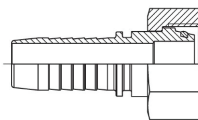


**Hose Tail-Female DIN-90
(No O-Ring)
HT-FMS-90**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FDIN
D208147	1/4	10L
D202313	1/4	10S
D208148	1/4	12L
D208146	1/4	06L

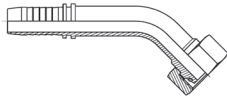
Item	Hose I.D.	FDIN
D202310	1/4	08L
D202312	5/16	10L
D202314	5/16	12L
D202316	5/16	12S
D208149	3/8	10L
D202315	3/8	12L
D202317	3/8	12S
D202318	3/8	14S
D202319	3/8	15L
D202320	1/2	15L
D202321	1/2	16S
D202322	5/8	18L
D208150	5/8	20S
D202323	3/4	22L
D202324	3/4	25S
D202325	1	25S
D202326	1	28L
D202327	1	30S
D202328	1 1/4	25L
D202329	1 1/4	38S
D202330	1 1/2	42L



**Hose Tail-Female DIN Light
(with O-Ring)
HT-FMS-STRT-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convuluted PTFE
and 4SP Multispiral

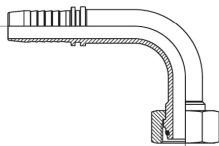
Item	Hose I.D.	FDIN
D201925	1/4	10L
D200905	1/4	06L
D200639	1/4	08L
D200626	5/16	10L
D201137	5/16	12L
D200977	3/8	10L
D200593	3/8	12L
D201575	3/8	15L
D222319	1/2	12L
D200600	1/2	15L
D218013	1/2	18L
D200649	5/8	18L
D219257	5/8	22L
D200652	3/4	22L
D200906	1	28L
D200630	1 1/4	35L
D201577	1 1/2	42L



**Hose Tail-Female DIN-45
Light (with O-Ring)
HT-FMS-45-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

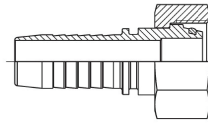
Item	Hose I.D.	FDIN
D208001	1/4	10L
D207989	1/4	06L
D200686	1/4	08L
D200655	5/16	10L
D202334	5/16	12L
D207972	3/8	10L
D202335	3/8	12L
D202339	3/8	15L
D202340	1/2	15L
D202342	5/8	18L
D202344	3/4	22L
D202347	1	28L
D202349	1 1/4	35L
D207974	1 1/2	42L



**Hose Tail-Female DIN-90
Light (with O-Ring)
HT-FMS-90-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

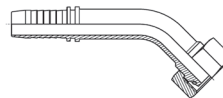
Item	Hose I.D.	FDIN
D207981	1/4	10L
D207980	1/4	06L
D207969	1/4	08L
D200654	5/16	10L
D207982	5/16	12L
D207984	3/8	10L
D200657	3/8	12L
D207973	3/8	15L
D200659	1/2	15L
D201094	5/8	18L
D207976	3/4	22L
D200597	1	28L
D207978	1 1/4	35L
D202003	1 1/2	42L



**Hose Tail-Female DIN Heavy
(with O-Ring)
HT-FMS-STRT-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

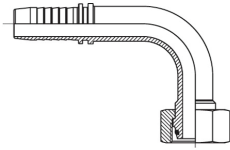
Item	Hose I.D.	FDIN
D202809	1/4	06S
D200875	1/4	08S
D201852	1/4	10S
D222204	1/4	12S
D215452	3/8	10S
D201422	5/16	12S
D200628	3/8	12S
D201574	3/8	14S
D212216	3/8	16S
D206975	1/2	12S
D201854	1/2	16S
D222329	5/8	16S
D200876	5/8	20S
D206976	3/4	20S
D201410	3/4	25S
D200878	1	25S
D201576	1 1/4	38S
D201112	2	30S



**Hose Tail-Female DIN-45
Heavy (with O-Ring)
HT-FMS-45-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

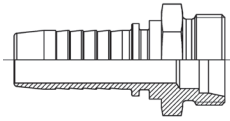
Item	Hose I.D.	FDIN
D207977	1/4	10S
D207975	1/4	06S
D200877	1/4	08S
D202902	5/16	12S
D202337	3/8	12S
D202338	3/8	14S
D207979	3/8	16S
D201457	1/2	16S
D201491	5/8	20S
D201115	3/4	25S
D200820	1	25S
D202348	1	30S
D202350	1 1/4	38S



**Hose Tail-Female DIN-90 Heavy (with O-Ring)
HT-FMS-90-O**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

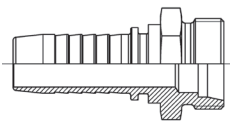
Item	Hose I.D.	FDIN
D201831	1/4	10S
D207983	1/4	06S
D207985	1/4	08S
D202336	5/16	12S
D215604	3/8	10S
D201026	3/8	12S
D201517	3/8	14S
D208469	3/8	16S
D200624	1/2	16S
D222350	1/2	18L
D202343	5/8	20S
D209287	3/4	20S
D202345	3/4	25S
D202346	1	25S
D201113	1	30S
D207986	1 1/4	38S



**Hose Tail-DIN Heavy
HT-MM-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

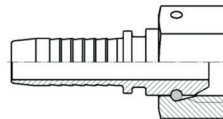
Item	Hose I.D.	MM
D202135	1/4	10S
D202133	1/4	06S
D202137	5/16	12S
D201456	3/8	12S
D202138	3/8	12S
D202140	1/2	16S
D202142	5/8	20S
D202143	3/4	20S
D202145	3/4	25S
D202146	1	25S
D202148	1	30S
D202150	1 1/4	38S



**Hose Tail-DIN Light
HT-MM-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

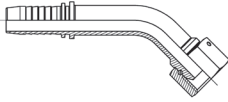
Item	Hose I.D.	MM
D215454	1/4	10L
D206967	1/4	06L
D201455	1/4	08L
D200660	5/16	10L
D202136	5/16	12L
D202134	3/8	10L
D201053	3/8	12L
D202139	3/8	15L
D200979	1/2	15L
D202141	1/2	18L
D200989	5/8	18L
D202144	3/4	22L
D202147	1	28L
D202149	1 1/4	35L
D202151	1 1/2	42L



**Hose Tail-Female BSPP
HT-FBSPP-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

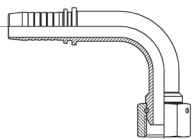
Item	Hose I.D.	FBSPP
D208170	1/4	1/8
D200667	1/4	1/4
D200642	1/4	3/8
D201999	5/16	1/4
D200951	5/16	3/8
D201494	3/8	1/4
D200952	3/8	3/8
D201495	3/8	1/2
D201496	1/2	3/8
D200645	1/2	1/2
D201498	1/2	3/4
D201499	5/8	1/2
D201500	5/8	5/8
D201501	5/8	3/4
D208171	3/4	1/2
D200619	3/4	3/4
D201342	3/4	1
D200669	1	1
D201502	1	1 1/4
D201504	1 1/4	1 1/4
D201503	1 1/4	1 1/2
D201140	1 1/2	1 1/2
D201505	2	2



Hose Tail-Female BSPP-45 HT-FBSPP-45

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FBSPP
D208172	1/4	1/8
D206794	1/4	1/4
D208173	1/4	3/8
D208175	5/16	1/4
D202166	5/16	3/8
D208176	3/8	1/4
D208177	3/8	3/8
D208178	3/8	1/2
D208179	1/2	3/8
D206792	1/2	1/2
D206854	1/2	3/4
D208181	5/8	1/2
D208182	5/8	3/4
D208183	3/4	1/2
D206791	3/4	3/4
D208184	3/4	1
D208185	1	1
D208187	1	1 1/4
D208545	1 1/4	1 1/4
D208188	1 1/4	1 1/2
D208189	1 1/2	1 1/2
D208190	2	2



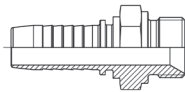
Hose Tail-Female BSPP-90 HT-FBSPP-90

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	FBSPP
D208174	1/4	1/8
D206778	1/4	1/4
D202164	1/4	3/8
D202160	5/16	1/4
D202162	3/8	1/4
D202166	3/8	5/16
D200997	3/8	3/8
D202170	3/8	1/2
D206853	1/2	3/8
D201544	1/2	1/2
D202211	1/2	3/4
D202184	5/8	1/2

Item	Hose I.D.	FBSPP
D202283	5/8	3/4
D208192	3/4	1/2
D202284	3/4	3/4
D202285	3/4	1
D202286	1	1
D202287	1	1 1/4
D202288	1 1/4	1 1/4
D208193	1 1/4	1 1/2
D202289	1 1/2	1 1/2
D202290	2	2

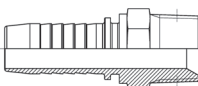
Hose Tail-BSPP HT-BSPP-STRT



For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	BSPP
D202080	1/4	1/8
D200672	1/4	1/4
D202081	5/16	1/4
D201083	5/16	3/8
D202082	3/8	1/4
D200841	3/8	3/8
D202084	3/8	1/2
D202083	1/2	3/8
D200673	1/2	1/2
D201796	5/8	1/2
D202085	5/8	3/4
D200674	3/4	3/4
D202086	3/4	1
D202087	1	1 1/4
D200675	1	1
D202088	1 1/4	1 1/4
D202089	1 1/4	1 1/2
D201111	1 1/2	1 1/2
D202090	2	2

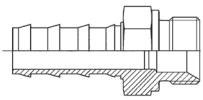
Hose Tail-BSPT HT-BSPT-STRT



For use with:
1 & 2 Wire Braid, Thermoplastic, Textile
Braid, Smooth Bore & Convoluted PTFE
and 4SP Multispiral

Item	Hose I.D.	BSPT
D202107	1/4	1/8
D200676	1/4	1/4
D206954	1/4	3/8
D202108	5/16	3/8
D206955	3/8	1/4

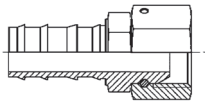
Item	Hose I.D.	BSPT
D200982	3/8	3/8
D202109	3/8	1/2
D206956	1/2	3/8
D200677	1/2	1/2
D202112	1/2	3/4
D202110	5/8	1/2
D202111	5/8	5/8
D202113	5/8	3/4
D200678	3/4	3/4
D202114	3/4	1
D200679	1	1
D200680	1 1/4	1 1/4
D202510	1 1/2	1 1/2
D202115	2	2



**Hose Tail -BSPP-Push On
HTPL-BSPP-STRT**

For use with push on hoses

Item	Hose I.D.	BSPP
D213287	1/4	1/8
D213288	1/4	1/4
D206902	3/8	3/8



**Hose Tail -FBSP-Push On
HTPL-FBSP-STRT**

For use with push on hoses

Item	Hose I.D.	FBSP
D206922	1/2	1/2
D206793	1/4	1/4
D206923	3/4	3/4
D206904	3/8	3/8

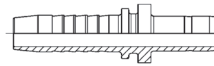


**Hose Tail-Metric Standpipe
(Without Groove)
HT-MSP-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

Item	Hose I.D.	MSP
D200662	1/4	08L/S
D201397	1/4	10L/S
D201757	1/4	12L/S
D200661	1/4	06L/S
D200663	5/16	10L/S

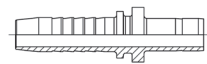
Item	Hose I.D.	MSP
D201756	5/16	12L/S
D201462	3/8	10L/S
D200664	3/8	12L/S
D201759	3/8	14S
D201554	1/2	12L/S
D200909	1/2	15L
D201119	1/2	16S
D222374	1/2	18L
D200980	5/8	18L
D201761	5/8	20S
D201762	3/4	20S
D200665	3/4	22L
D201763	3/4	25S
D201764	1	28L
D201765	1	30S
D201766	1 1/4	35L
D201767	1 1/4	38S
D208230	1 1/2	42L



**Hose Tail-Metric Standpipe
(With Groove for Twin
Ferrule Fittings)
HT-MSPG-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

Item	Hose I.D.	MSP
D224127	1/4	08L/S
D224128	1/4	10L/S
D224129	5/16	12L/S
D237304	3/8	10L/S
D224130	3/8	12L/S
D224132	1/2	16L/S
D224131	5/8	18L



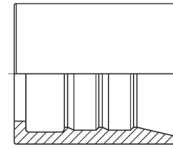
**Hose Tail-Imperial Standpipe
(With Groove for Twin
Ferrule Fittings)
HT-IMPSP-STRT**

For use with:
1 & 2 Wire Braid, Thermoplastic, Textile Braid, Smooth Bore & Convuluted PTFE and 4SP Multispiral

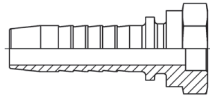
Item	Hose I.D.	IMPSP
D224140	1/4	1/4
D231562	1/4	3/8
D232347	3/16	1/4
D224134	5/16	1/4
D219871	3/8	3/8
D224135	1/2	3/8

Item	Hose I.D.	IMPSP
D224142	1/2	1/2
D224136	1/2	5/8
D224136	5/8	1/2
D224137	3/4	5/8
D224143	3/4	3/4
D224138	1	3/4
D224144	1	1
D224139	1 1/4	1

FERRULES



PF-1
1 Wire
1 ST-EN 853, SAE 100 R1A
External Skive

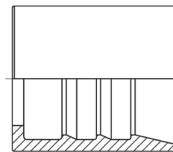


Hose Tail-Tube Weld HT-TW-STRT

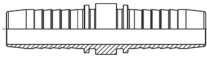
For use with:
 1 & 2 Wire Braid, Thermoplastic, Textile
 Braid, Smooth Bore & Convuluted PTFE
 and 4SP Multispiral

Item	Hose I.D.	TW
D206733	1/4	1/4
D206734	3/8	3/8
D206735	1/2	1/2
D206736	3/4	3/4
D206737	1	1
D206738	1 1/4	1 1/4
D206739	1 1/2	1 1/2
D206740	2	2

Item	Hose I.D.
D200715	3/16
D200716	1/4
D200717	5/16
D200718	3/8
D200719	1/2
D200720	5/8
D200721	3/4
D200722	1
D200725	2
D200723	1 1/4
D200724	1 1/2



PF-2
2 Wire
2 ST-EN 853, SAE 100 R2A
External Skive

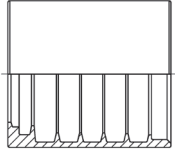


Hose Joiner Hose Joiner

For use with:
 1 & 2 Wire Braid, Thermoplastic, Textile
 Braid, Smooth Bore & Convuluted PTFE
 and 4SP Multispiral

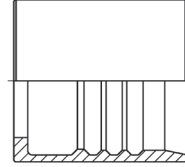
Item	Hose I.D.	Hose Joiner
D208156	1/4	1/4
D126802	5/16	5/16
D208157	3/8	3/8
D208159	1/2	1/2
D208160	5/8	5/8
D208161	3/4	3/4
D101150	1	1
D208162	1 1/4	1 1/4
D201405	1 1/2	1 1/2
D208163	2	2

Item	Hose I.D.
D200726	3/16
D200727	1/4
D200728	5/16
D200729	3/8
D200730	1/2
D200732	5/8
D200741	3/4
D200742	1
D200743	1 1/4
D200744	1 1/2
D200745	2



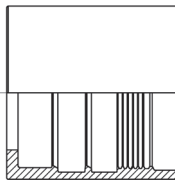
PF-3
 Can be used on multiple hoses
 2 Wire Compact, 2SC-EN 857
 1 Wire, 1SN-EN 853, SAE 100 R1 AT
 Non Skive

Item	Hose I.D.
D200747	1/4
D200748	5/16
D200749	3/8
D200750	1/2
D200752	5/8
D200753	3/4
D200754	1
D200755	1 1/4
D200756	1 1/2
D200757	2



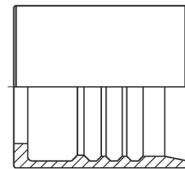
PF-4
 1 & 2 Textile Braid
 2 TE-EN 854
 Non Skive

Item	Hose I.D.
D200762	1/4
D200763	5/16
D200764	3/8
D200766	1/2
D200767	5/8
D200768	3/4
D200769	1



PF-3/PF-11
 2 Wire
 2 SN-EN 853, SAE 100 R2AT
 Non Skive

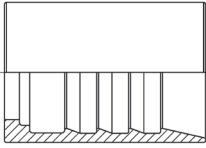
Item	Hose I.D.
D200747	1/4
D200748	5/16
D200749	3/8
D200750	1/2
D200752	5/8
D200753	3/4
D200754	1
D200759	1 1/4
D200760	1 1/2
D200761	2



PF-4/PF-2
 Textile Braid
 3TE-EN 854
 Non Skive

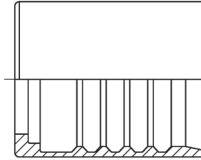
Item	Hose I.D.
D200762	1/4
D200763	5/16
D200764	3/8
D200766	1/2
D200767	5/8
D200768	3/4
D200769	1
D200770	1 1/4
D200771	1 1/2
D200745	2





PF-5
Multispiral
4 SP-EN 856, SAE 100 R9R
External Skive

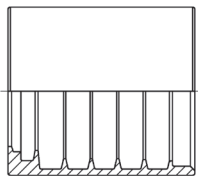
Item	Hose I.D.
D200772	1/4
D200773	3/8
D200774	1/2
D200775	5/8
D200776	3/4
D200777	1
D200778	1 1/4
D200779	1 1/2
D200780	2



PF-9
Convoluted PTFE

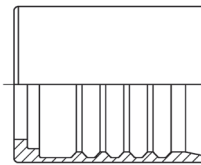
Must be true bore

Item	Hose I.D.
D200812	1/4
D200813	3/8
D200814	1/2
D200815	5/8
D200021	3/4
D200802	1
D200816	1 1/4
D208168	1 1/2
D208169	2



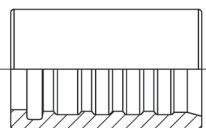
PF-17
1 Wire Compact
Non Skive

Item	Hose I.D.
D221730	1/4
D221733	5/16
D221418	3/8
D221735	1/2
D221419	5/8
D221736	3/4
D221737	1



PF-8
Thermoplastic
R7-EN 855, SAE 100 R7

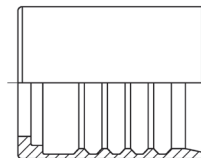
Item	Hose I.D.
D200795	3/16
D200796	1/4
D200797	5/16
D200798	3/8
D209679	1/2
D209680	5/8
D209681	3/4
D209682	1



PF-7
Smooth Bore PTFE
SAE 100 R14

Must be true bore

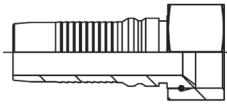
Item	Hose I.D.
D220787	3/16
D200788	1/4
D200789	5/16
D200790	3/8
D200791	1/2
D200792	5/8
D200793	3/4
D200794	1



PF-18
Thermoplastic
Gates TH8 Only

Item	Hose I.D.
D224469	3/16
D224470	1/4
D224471	5/16
D224472	3/8
D224473	1/2
D224474	5/8
D224475	3/4
D224476	1

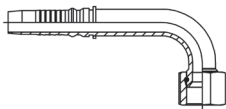
Interlock Hose Tails



Hose Tail-Female JIC Interlock HINT-FJ-STRT

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	FJIC
D218766	3/4	3/4
D218635	1	1
D218637	1 1/4	1 1/4
D218638	1 1/2	1 1/2
D218639	2	2



Hose Tail-Female JIC Interlock-90 HINT-FJ-90

For use with:
Multi Spiral Type Hose 4SH, R13, R15

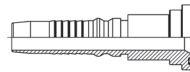
Item	Hose I.D.	FJIC
D218767	3/4	3/4
D218768	1	1
D218769	1 1/4	1 1/4
D218770	1 1/2	1 1/2
D218771	2	2



Host Tail-NPT Interlock HINT-MP-STRT

For use with:
Multi Spiral Type Hose 4SH, R13, R15

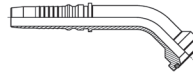
Item	Hose I.D.	MP
D223323	3/4	3/4
D223324	1	1
D223325	1 1/4	1 1/4
D222863	1 1/2	1 1/2
D223326	2	2



Hose Tail-Code 61 Interlock HINT-CD61-STRT

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	CD 61
D208241	3/4	3/4
D208243	1	1
D208244	1 1/4	1 1/4
D208245	1 1/4	1 1/2
D208246	2	2

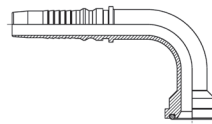


Hose Tail-Code 61 Interlock-45 HINT-CD61-45

1 piece swept design

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	CD 61
D208239	3/4	3/4
D208398	1	1
D208399	1 1/4	1 1/4
D208400	1 1/4	1 1/2
D208401	2	2



Hose Tail-Code 61 Interlock-90 HINT-CD61-90

1 piece swept design

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	CD 61
D208240	3/4	3/4
D208411	1	1
D208412	1 1/4	1 1/4
D208413	1 1/4	1 1/2
D208414	2	2

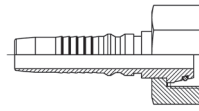


Hose Tail-Code 62 Interlock HINT-CD62-STRT

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	CD 62
D208247	3/4	3/4
D208248	3/4	1
D208249	1	1
D208250	1	1 1/4
D208251	1 1/4	1 1/4

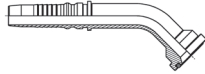
Item	Hose I.D.	CD 62
D208252	1 1/2	1 1/4
D208254	1 1/2	1 1/2
D208255	1 1/2	2
D208257	2	2



**Hose Tail-Female DIN Interlock (with O-Ring)
HINT-FMS-STRT-O**

For use with:
Multi Spiral Type Hose 4SH, R13, R15

**Hose Tail-Code 62 Interlock-45
HINT CD62-45**

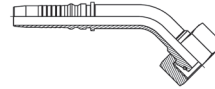


1 piece swept design
For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	CD 62
D208402	3/4	3/4
D208403	3/4	1
D208404	1	1
D208405	1	1 1/4
D208406	1 1/4	1 1/4
D208407	1 1/2	1 1/4
D208408	1 1/2	1 1/2
D208409	1 1/2	2
D208410	2	2

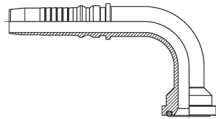
Item	Hose I.D.	FDIN
D200637	3/4	20S
D200361	3/4	25S
D200633	1	25S
D200362	1	30S
D200363	1 1/4	38S
D208528	1 1/2	38S

**Hose Tail-Female DIN Interlock-45 (with O-Ring)
HINT-FMS-45-O**



For use with:
Multi Spiral Type Hose 4SH, R13, R15

**Hose Tail-Code 62 Interlock-90
HINT-CD62-90**

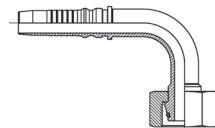


For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	FDIN
D208108	3/4	20S
D204338	3/4	25S
D208109	1	25S
D208110	1	30S
D208111	1 1/4	38S

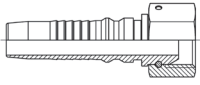
Item	Hose I.D.	CD 62
D208415	3/4	3/4
D208416	3/4	1
D208417	1	1
D208418	1	1 1/4
D208419	1 1/4	1 1/4
D208420	1 1/2	1 1/4
D223617	1 1/2	1 1/4
D208421	1 1/2	1 1/2
D208422	1 1/2	2
D208423	2	2

**Hose Tail-Female DIN Interlock 90 (with O-Ring)
HINT-FMS-90-O**



For use with:
Multi Spiral Type Hose 4SH, R13, R15

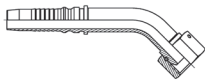
Item	Hose I.D.	FDIN
D208117	3/4	20S
D200364	3/4	25S
D200635	1	25S
D200365	1	30S
D200366	1 1/4	38S



**Hose Tail-Female BSPP
Interlock
HINT-FBSPP-STR**

For use with:
Multi Spiral Type Hose 4SH, R13, R15

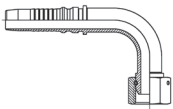
Item	Hose I.D.	FBSPP
D200356	3/4 IN	3/4
D200357	1 IN	1
D208127	1 1/4 IN	1 1/4
D200359	1 1/2 IN	1 1/2
D200360	2 IN	2



**Hose Tail-Female BSPP
Interlock-45
HINT-FBSPP-45**

For use with:
Multi Spiral Type Hose 4SH, R13, R15

Item	Hose I.D.	FBSPP
D208128	3/4	3/4
D208129	1	1
D208130	1 1/4	1 1/4
D208131	1 1/2	1 1/2
D208132	2	2

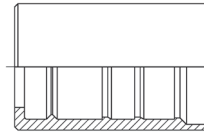


**Hose Tail-Female BSPP
Interlock-90
HINT-FBSPP-90**

For use with:
Multi Spiral Type Hose 4SH, R13, R15

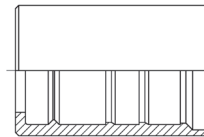
Item	Hose I.D.	FBSPP
D200367	3/4 IN	3/4
D200368	1 IN	1
D200369	1 1/4 IN	1 1/4
D200370	1 1/2 IN	1 1/2
D200371	2 IN	2

Interlock Ferrules



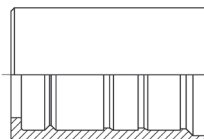
PFI-4-SH
Multispiral EN 856 4SH
External & Internal Skive

Item	Hose I.D.
D114471	3/4
D114472	1
D114463	1 1/4
D114464	1 1/2
D114465	2



PFI-R-13
Multispiral EN 856 R13
External & Internal Skive

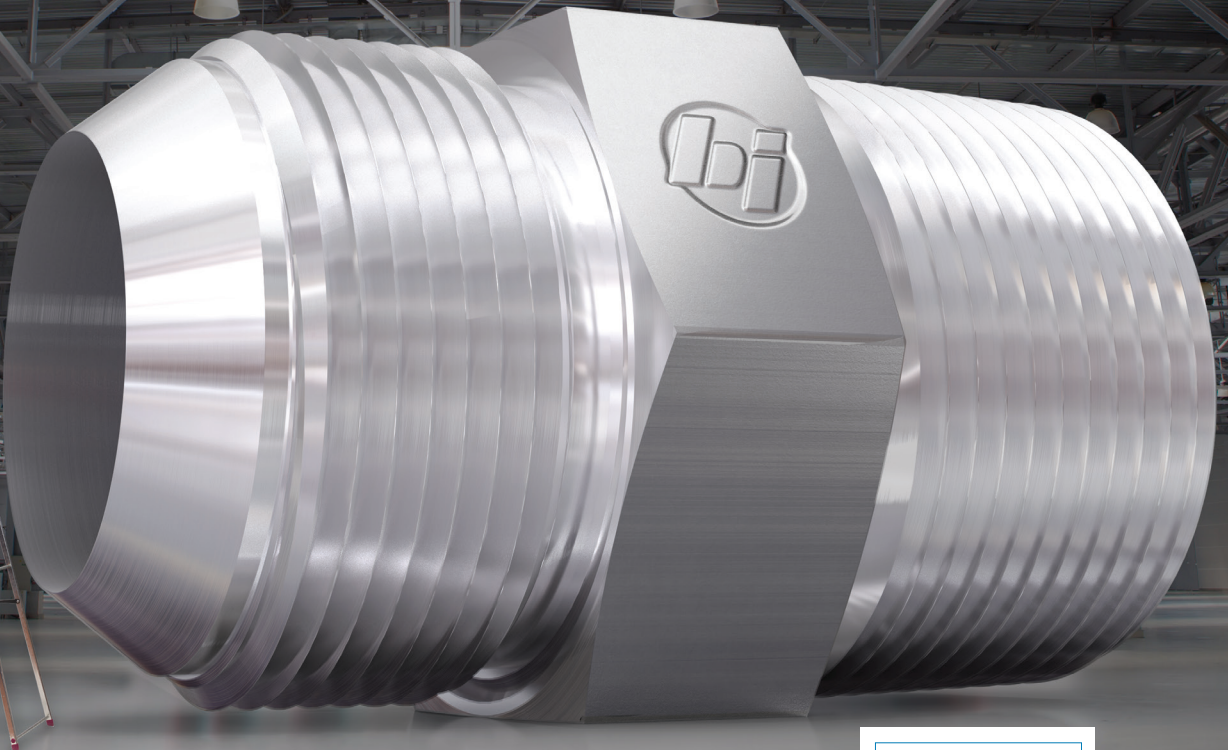
Item	Hose I.D.
D114471	3/4
D114472	1
D114469	1 1/4
D114470	1 1/2
D114473	2



PFI-R-15
Multispiral EN 856 R15
External & Internal Skive

Item	Hose I.D.
D114471	3/4
D114472	1
D114469	1 1/4
D114470	1 1/2

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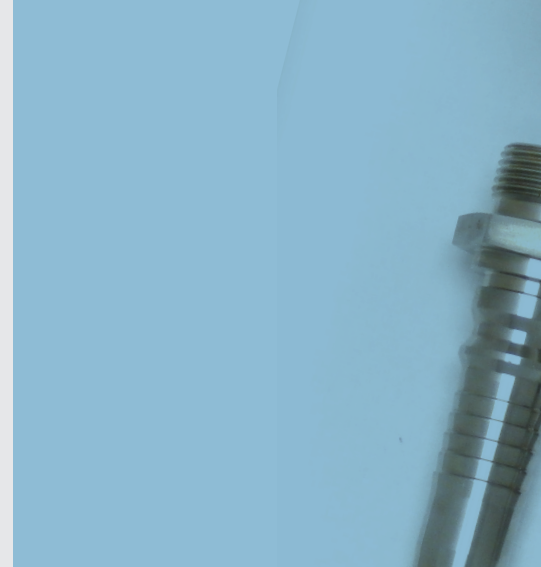
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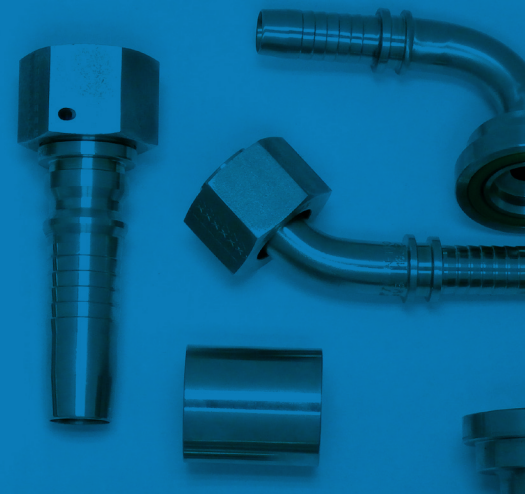
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