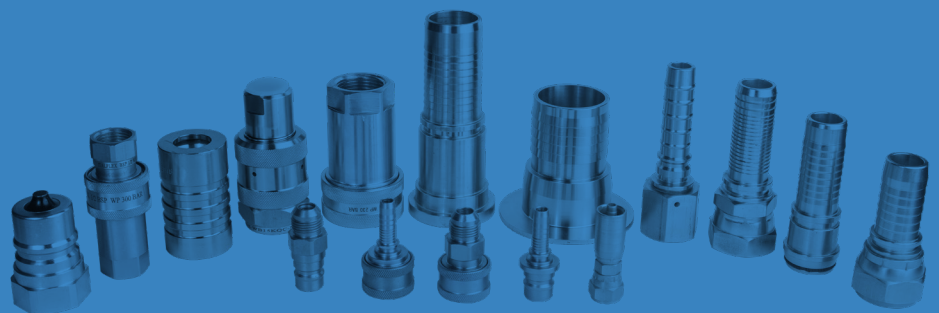




Polyfit



SPECIALISTS IN FLUID TRANSFER SOLUTIONS





ABOUT US

- ▶ Polyfit was established in 1977 and is located in Chennai, India.
- ▶ Polyfit state of the art manufacturing facilities are accredited with ISO 9001-2015 and IATF 16949. Our adherence to these programs result in a competitive advantage, evident in the high quality of Polyfit products.

STATE OF THE ART FACILITIES INCLUDE

MACHINE SHOP

- ▶ CNC Turning Centers
- ▶ CNC Sliding Head Automate Machine 26 mm
- ▶ VMC Machine
- ▶ Multi Spindle Auto
- ▶ Single Spindle Auto
- ▶ Thread Rolling Machine
- ▶ Centreless Grinding Machine

HOSE ASSEMBLIES

- ▶ Hose Cutting Machine
- ▶ Hose Skiving Machine
- ▶ Nut Crimping Machine
- ▶ Hose Crimping Machine
- ▶ High Pressure Test Rig

TUBES & PIPE BENDING

- ▶ Auto Pipe Cutting Machine
- ▶ Tubes & Pipes End Forming Machine
- ▶ CNC 6 Axis Tube & Pipe Bending Machine from 6 mm to 120 mm
- ▶ 3D 5 Axis CNC Wire Bending Machine
- ▶ Induction Brazing Machine
- ▶ Flushing Machine

SPECIALIZED FABRICATION

- ▶ Laser Cutting Machine
- ▶ Robotic Welding Machine
- ▶ CNC Press Brake Machine
- ▶ Plasma Cutting Machine - Cap. up to 16 mm thickness
- ▶ Flame Cutting Machine - Cap. up to 120 mm thickness
- ▶ Mechanical & Hydraulic Press up to 250 tons
- ▶ Shearing Machine (12 * 4 mtr)

CNC MACHINING AND BENDING FACILITIES

The CNC Machining Shop consists of CNC Turning Centers and VMC.

CNC 6 Axis 3 Stage Bending Machines capacity to bend pipes from 6 mm up to 120 mm.



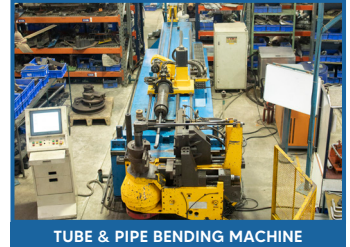
CNC MACHINE



CNC SLIDING HEAD MACHINE



VMC MACHINE



TUBE & PIPE BENDING MACHINE



6 AXIS CNC TUBE BENDING MACHINE



3 AXIS CNC WIRE BENDING MACHINE

HOSE ASSEMBLIES



ASSY LINE - 1

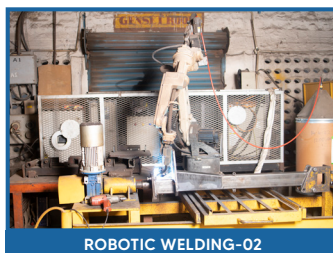


Polyfit is capable of manufacturing hose assemblies up to 250 mm in diameter. Hydrostatic proof and burst pressure testing can also be performed as per SAE standards or to suit customer requirements.

FABRICATION DIVISION



CNC PLASMA / FLAME CUTTING MACHINE



ROBOTIC WELDING-02



CNC PRESS BRAKE



LASER CUTTING MACHINE

THE PROCESS DESIGN AND DEVELOPMENT

The Process Design & Development Center is equipped with the latest CAD software for undertaking complex designs, preparing engineering drawings, and using 3D modelling techniques.



QUALITY ASSURANCE

As an ISO 9001:2015/IATF 16949:2016 Certified Organization, Polyfit pays strict attention to quality throughout all production stages, ensuring that the best and flawless products are offered to our clients. We are equipped with FARO 6 Axis Portable Arm type and Bridge type CMM. Our diligent quality inspectors regularly conduct quality audit checks in our well equipped in-house facilities, in order to ensure flawless production.

CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ 證書



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that

M/s. Polyfit Fabricators Pvt Ltd
No.3-B (NP), Sidco Industrial Estate, Ambattur,
Chennai – 600 098, Tamil Nadu, India

has implemented Quality Management System
in accordance with **ISO 9001:2015**
for the scope of

**Manufacture of High Pressure Hose End fittings, Hose Assemblies,
Turned Components, Tube & Pipe Bending Assemblies with Brazing
and Fabricated Metal Products**

The certificate is valid from **2024-07-03** until **2027-07-02**
Subject to successful completion of annual periodic audits
The present status of this certificate can be obtained through TÜV SÜD website by scanning below QR code and by
entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of
this certificate may be obtained by consulting the certification body at info.in@tuev-sud.com

Certificate Registration No. **99 100 20064**
Date of Initial certification: **2018-07-23**
Issue Date: **2024-07-23 Rev. 00**




 Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited,
Mumbai
Member of TÜV SÜD Group





TÜV SÜD South Asia Pvt. Ltd. • TÜV SÜD House • Sakhi Naka • Andheri (East) • Mumbai – 400072 • Maharashtra • India

CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ 證書

CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ 證書



CERTIFICATE

Certificate Registration No.: **12 111 50867 TMS** / IATF Certificate No.: **0528061**
IATF USI: **YMA4L9**

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that the organization

M/s. Polyfit Fabricators Pvt Ltd
No.3-B (NP), Sidco Industrial Estate, Ambattur
Chennai - 600098, Tamil Nadu
India

for the scope

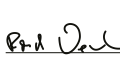
**Manufacture of High Pressure Hose End fittings,
Hose Assemblies, Turned Components,
Tube & Pipe Bending Assemblies with Brazing
(without Product Design as per Chapter 8.3)**

has established and applies a Quality Management System.
An audit was performed and has furnished proof
that the requirements according to

IATF 16949
First Edition 2016-10-01

are fulfilled.

Issue date: **2024-07-03**
Expiry date: **2027-07-02**

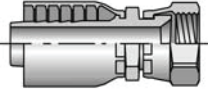
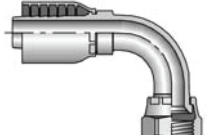
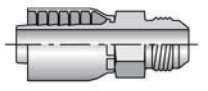
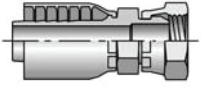
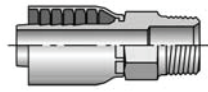
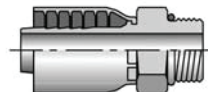
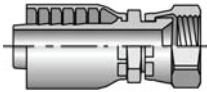
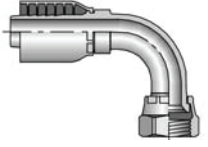
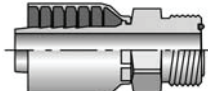
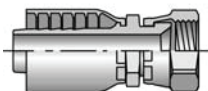
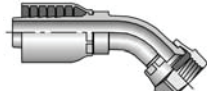
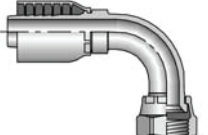
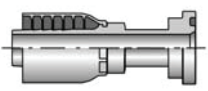
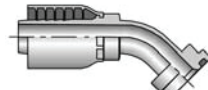
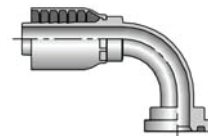
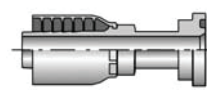
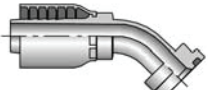
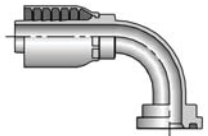
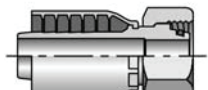
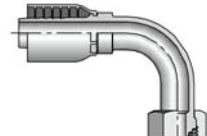
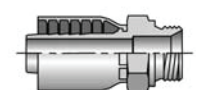
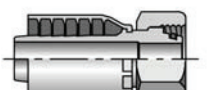
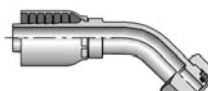
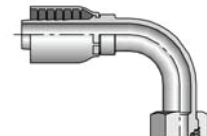
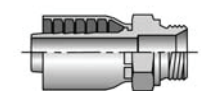

 Fred Wörke
Head of Certification Body
Munich, 2024-07-03

Page 1 of 1

TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Ridderstrasse 57 • 80339 München • Germany
www.tuev-sud.com/de/certificate-validity-check

CERTIFICATE ♦ CERTIFICADO ♦ CERTIFIKAT ♦ 證書

43 SERIES INDEX

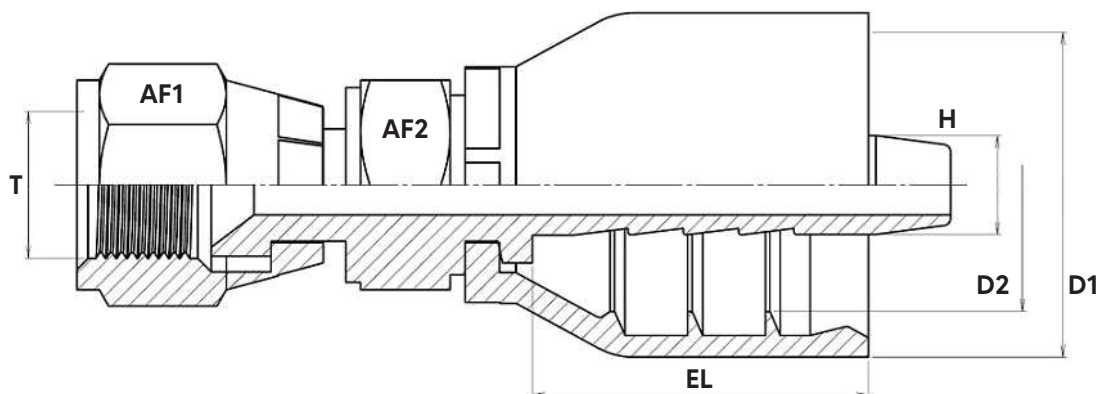
				
37° Flare JIC Female Swivel PF-43-FJ-SS	37° Flare JIC Female Swivel, 45° PF-43-FJ45-SS	37° Flare JIC Female Swivel, 90° PF-43-FJ90-SS	37° Flare JIC Male Rigid PF-43-MJ-SS	NPT Female Swivel PF-43-FP-SS
				
Pipe Male Rigid PF-43-MP-SS	O-Ring Boss Rigid (ORB) - Stainless PF-43-MORB-SS	O-Ring Face Seal (ORFS) Female Swivel PF-43-FORFS-SS	O-Ring Face Seal (ORFS) Female Swivel, 45° PF-43-FORS45-SS	O-Ring Face Seal (ORFS) Female Swivel, 90° PF-43-FORS90-SS
				
O-Ring Face Seal (ORFS) Male Rigid- Stainless PF-43-MORFS-SS	BSPP Female Swivel- Stainless PF-43-FBSP-SS	BSP 45° Female Swivel Elbow - Stainless PF-43-FBSP45-SS	BSP Female Swivel, 90° Elbow - Stainless PF-43-BSP90-SS	Code 61 Flange Rigid PF-43-C61-SS
				
Code 61 Flange Rigid, 45° PF-43-C6145-SS	Code 61 Flange Rigid, 90° PF-43-C6190-SS	Code 62 Flange Rigid PF-43-C62-SS	Code 62 Flange Rigid, 45° PF-43-C6245-SS	Code 62 Flange Rigid, 90° PF-43-C6290-SS
				
Metric DIN Light PF-43-FML-SS	Metric DIN Light, 45° PF-43-FML45-SS	Metric DIN Light, 90° PF-43-FML90-SS	Male Metric DIN Light PF-43-FMML-SS	Metric DIN Heavy PF-43-FMS-SS
				
	Metric DIN Heavy, 45° PF-43-FMS45-SS	Metric DIN Heavy, 90° PF-43-FMS90-SS	Male Metric DIN Heavy PF-43-MMS-SS	

INDEX

PART NO	PRODUCT	PAGE NO
	One piece JIC 37° Fittings	
PF-43-FJ-SS	One piece double hexagonal JIC 37° Female Swivel Straight Fitting	7
PF-43-FJ45-SS	One piece JIC 37° Female Swivel (45° Elbow)	8
PF-43-FJ90-SS	One piece JIC 37° Female Swivel (90° Elbow)	9
PF-43-MJ-SS	One piece JIC 37° Male Straight Fitting	10
	One piece NPT-NPSM Fittings	
PF-43-MP-SS	One piece NPT Male Straight Fitting	11
PF-43-FP-SS	One piece double Hexagonal NPSM Female Swivel Straight Fitting	12
PF-43-FP45SS	One piece NPSM Female Swivel 60° CONE (45° ELBOW) Fitting	13
PF-43-FP90-SS	One piece NPSM Female Swivel 60° CONE (90° ELBOW) Fitting	14
	One piece BSP Fittings	
PF-43-FBSP-SS	One piece double Hexagonal BSP Female Straight 60° CONE Fitting	15
PF-43-FBSP45-SS	One piece BSP Female 60° CONE (45° ELBOW) Fitting	16
PF-43-FBSP90-SS	One piece BSP Female 60° CONE (90° ELBOW) Fitting	17
PF-43-MBSP-SS	One piece BSP Male 60° CONE Fitting	18
	Crimping chart	19

ONE PIECE JIC 37° FEMALE SWIVEL STRAIGHT FITTINGS

**PF-43-FJ-SS-ONE PIECE DOUBLE
HEXAGONAL JIC 37° FEMALE
SWIVEL STRAIGHT FITTING**



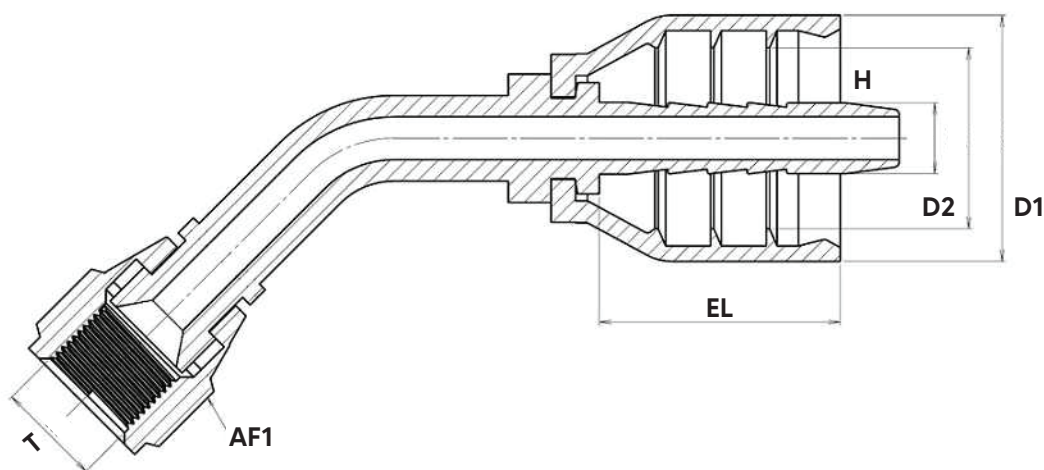
POLYFIT PART NO.	H	T	AF1	AF2	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FJ-SS	1/4"	7/16" -20h UNF	14	14	22.5	23	16.9	10643-04-04	882420704	H-43-FJX-04-04
PF43-04-06-FJ-SS	1/4"	9/16" -18h UNF	19	17	22.5	23	16.9	10643-04-06	882420904	H-43-FJX-04-06
PF43-06-06-FJ-SS	3/8"	9/16" -18h UNF	19	19	24.5	28	20.7	10643-06-06	882420906	H-43-FJX-06-06
PF43-06-08-FJ-SS	3/8"	3/4" -16h UNF	24	19	24.5	28	20.7	10643-06-08	882421206	H-43-FJX-06-08
PF43-08-08-FJ-SS	1/2"	3/4" -16h UNF	24	22	26.7	32	24.8	10643-08-08	882421208	H-43-FJX-08-08
PF43-08-10-FJ-SS	1/2"	7/8" -14h UNF	27	22	26.7	32	24.8	10643-08-10	882421408	H-43-FJX-08-10
PF43-10-10-FJ-SS	5/8"	7/8" -14h UNF	32	27	30.2	35	27.8	10643-10-10	882421410	H-43-FJX-10-10
PF43-12-12-FJ-SS	3/4"	1.1/16" -12h UNF	32	27	35.5	40	32	10643-12-12	882421712	H-43-FJX-12-12
PF43-12-16-FJ-SS	3/4"	1.5/16" -12h UNF	41	32	35.5	40	32	10643-12-16	882422112	H-43-FJX-12-16
PF43-16-16-FJ-SS	1"	1.5/16" -12h UNF	41	32	42	47	39	10643-16-16	882422116	H-43-FJX-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE JIC 37° FEMALE SWIVEL 45° FITTINGS

**PF-43-FJ45-SS-ONE PIECE
JIC 37° FEMALE SWIVEL
(45° ELBOW)**



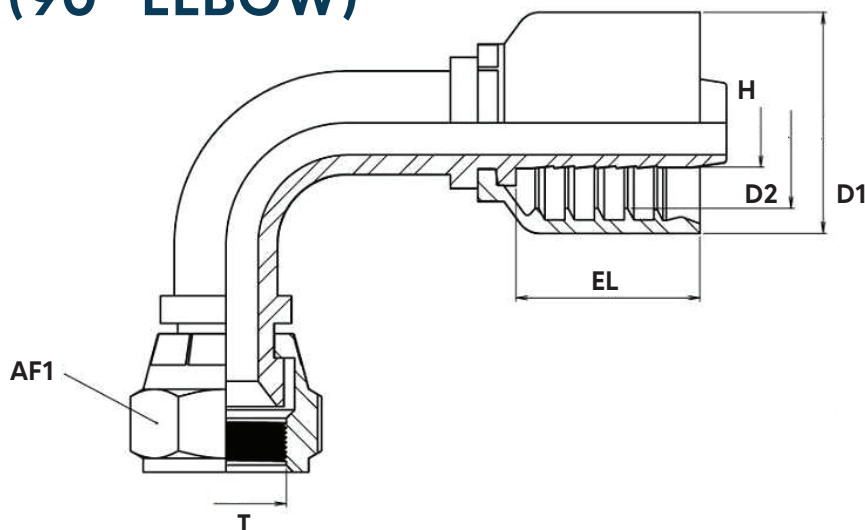
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FJ45-SS	1/4"	7/16" -20h UNF	14	22.5	23	16.9	13743-04-04	881390704	H-43-FJX-45-04-04
PF43-04-06-FJ45-SS	1/4"	9/16" -18h UNF	19	22.5	23	16.9	13743-04-06	-	H-43-FJX-45-04-06
PF43-06-06-FJ45-SS	3/8"	9/16" -18h UNF	19	24.5	28	20.7	13743-06-06	881390906	H-43-FJX-45-06-06
PF43-06-08-FJ45-SS	3/8"	3/4" -16h UNF	24	24.5	28	20.7	13743-06-08	881391206	H-43-FJX-45-06-08
PF43-08-08-FJ45-SS	1/2"	3/4" -16h UNF	24	26.7	32	24.8	13743-08-08	881390208	H-43-FJX-45-08-08
PF43-08-10-FJ45-SS	1/2"	7/8" -14h UNF	27	26.7	32	24.8	13743-08-10	-	H-43-FJX-45-08-10
PF43-10-10-FJ45-SS	5/8"	7/8" -14h UNF	32	30.2	35	27.8	13743-10-10	-	H-43-FJX-45-10-10
PF43-12-12-FJ45-SS	3/4"	1.1/16" -12h UNF	32	35.5	40	32	13743-12-12	881391712	H-43-FJX-45-12-12
PF43-12-16-FJ45-SS	3/4"	1.5/16" -12h UNF	41	35.5	40	32	13743-12-16	-	H-43-FJX-45-12-16
PF43-16-16-FJ45-SS	1"	1.5/16" -12h UNF	41	42	47	39	13743-16-16	881392116	H-43-FJX-45-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE JIC 37° FEMALE SWIVEL 90° FITTINGS

**PF-43-FJ90-SS-ONE PIECE
JIC 37° FEMALE SWIVEL
(90° ELBOW)**



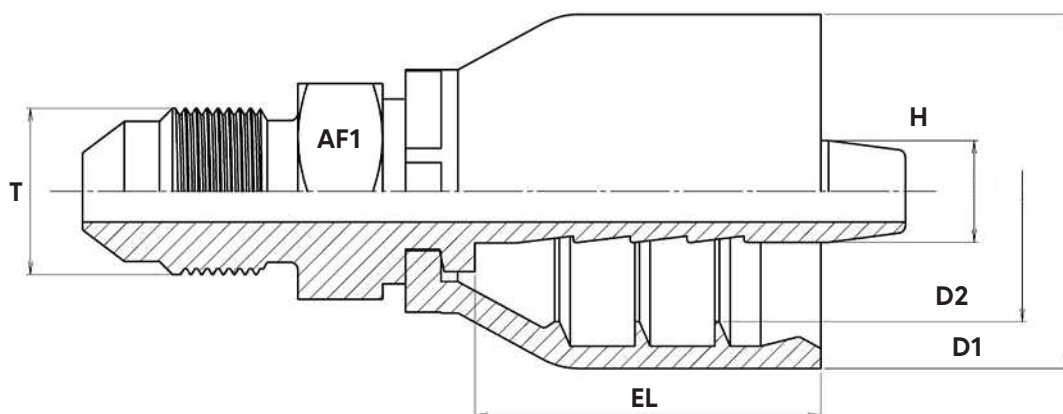
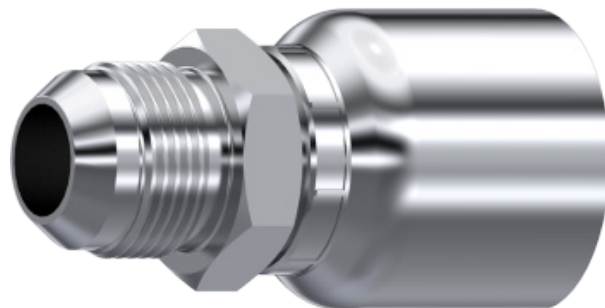
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FJ90-SS	1/4"	7/16" -20h UNF	14	22.5	23	16.9	13943-04-04	881380704	H-43-FJX-90-04-04
PF43-04-06-FJ90-SS	1/4"	9/16" -18h UNF	19	22.5	23	16.9	13943-04-06	-	H-43-FJX-90-04-06
PF43-06-06-FJ90-SS	3/8"	9/16" -18h UNF	19	24.5	28	20.7	13943-06-06	881380906	H-43-FJX-90-06-06
PF43-06-08-FJ90-SS	3/8"	3/4" -16h UNF	24	24.5	28	20.7	13943-06-08	-	H-43-FJX-90-06-08
PF43-08-08-FJ90-SS	1/2"	3/4" -16h UNF	24	26.7	32	24.8	13943-08-08	881381208	H-43-FJX-90-08-08
PF43-08-10-FJ90-SS	1/2"	7/8" -14h UNF	27	26.7	32	24.8	13943-08-10	881381408	H-43-FJX-90-08-10
PF43-10-10-FJ90-SS	5/8"	7/8" -14h UNF	32	30.2	35	27.8	13943-10-10	881381410	H-43-FJX-90-10-10
PF43-12-12-FJ90-SS	3/4"	1.1/16" -12h UNF	32	35.5	40	32	13943-12-12	881381712	H-43-FJX-90-12-12
PF43-12-16-FJ90-SS	3/4"	1.5/16" -12h UNF	41	35.5	40	32	13943-12-16	-	H-43-FJX-90-12-16
PF43-16-16-FJ90-SS	1"	1.5/16" -12h UNF	41	42	47	39	13943-16-16	881382116	H-43-FJX-90-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE JIC 37° MALE STRAIGHT FITTINGS

**PF-43-MJ-SS-ONE PIECE
JIC 37° MALE STRAIGHT
FITTING**



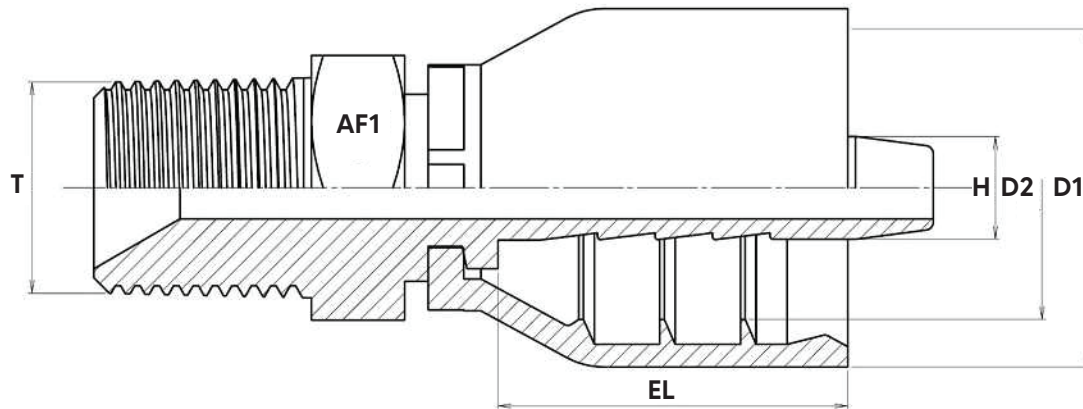
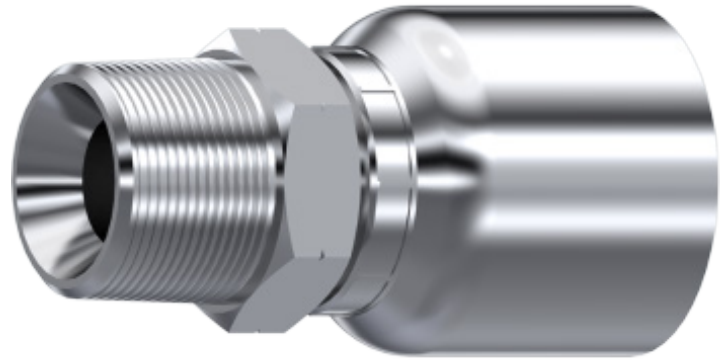
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-MJ-SS	1/4"	7/16" -20h UNF M	19	22.5	23	16.9	10343-04-04	881400704	H-43-MJ-04-04
PF43-06-06-MJ-SS	3/8"	9/16" -19h UNF M	22	24.5	28	20.7	10343-06-06	881400906	H-43-MJ-06-06
PF43-08-08-MJ-SS	1/2"	3/4" -16h UNF M	27	26.7	32	24.8	10343-08-08	881401208	H-43-MJ-08-08
PF43-10-10-MJ-SS	5/8"	7/8" -14h UNF M	32	30.2	35	27.8	10343-10-10	-	H-43-MJ-10-10
PF43-12-12-MJ-SS	3/4"	1.1/16" -12h UNF M	32	35.5	40	32	10343-12-12	881401712	H-43-MJ-12-12
PF43-16-16-MJ-SS	1"	1.5/16" -12h UNF M	41	42	47	39	10343-16-16	881402116	H-43-MJ-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE NPT-NPSM FITTINGS

**PF-43-MP-SS-ONE PIECE
NPT MALE STRAIGHT
FITTING**



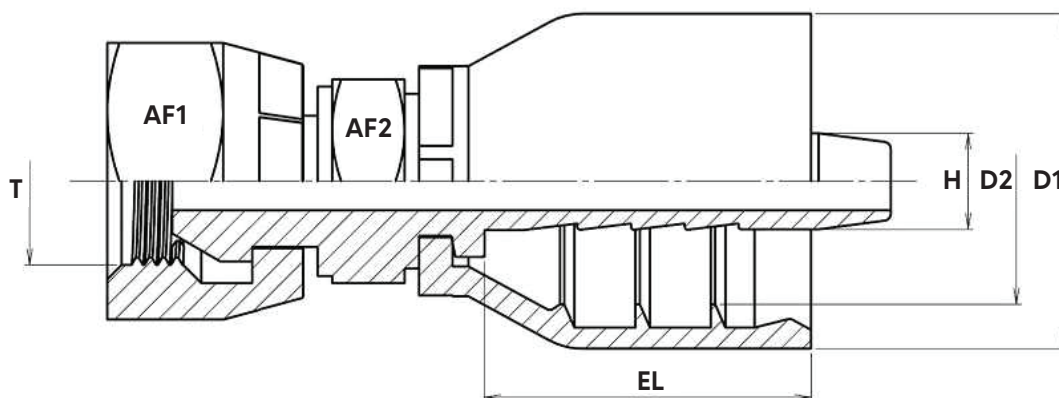
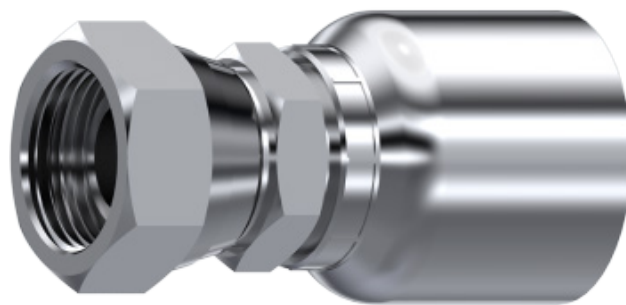
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-MP-SS	1/4"	1/4" -18h NPT M	17	22.5	23	16.9	10143-04-04	881610404	H-43-MP-04-04
PF43-04-06-MP-SS	1/4"	3/8" -18h NPT M	19	22.5	23	16.9	10143-04-06	881610604	H-43-MP-04-06
PF43-06-06-MP-SS	3/8"	3/8" -18h NPT M	19	24.5	28	20.7	10143-06-06	881610606	H-43-MP-06-06
PF43-06-08-MP-SS	3/8"	1/2" -14h NPT M	22	24.5	28	20.7	10143-06-08	881610806	H-43-MP-06-08
PF43-08-08-MP-SS	1/2"	1/2" -14h NPT M	27	26.7	32	24.8	10143-08-08	881610808	H-43-MP-08-08
PF43-10-08-MP-SS	5/8"	1/2" -14h NPT M	27	30.2	35	27.8	10143-10-08	881610810	H-43-MP-10-08
PF43-12-12-MP-SS	3/4"	3/4" -14h NPT M	32	35.5	40	32	10143-12-12	881611212	H-43-MP-12-12
PF43-12-16-MP-SS	3/4"	1" -11.5h NPT M	36	35.5	40	32	10143-12-16	881611612	H-43-MP-12-16
PF43-16-16-MP-SS	1"	1" -11.5h NPT M	36	42	47	39	10143-16-16	881611616	H-43-MP-16-16
PF43-16-12-MP-SS	1"	3/4" -14h NPT M	32	42	47	39	10143-16-12	881611216	H-43-MP-16-12

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE NPT-NPSM FITTINGS

**PF-43-FP-SS-ONE PIECE
DOUBLE HEXAGONAL NPSM
FEMALE SWIVEL STRAIGHT
FITTING**



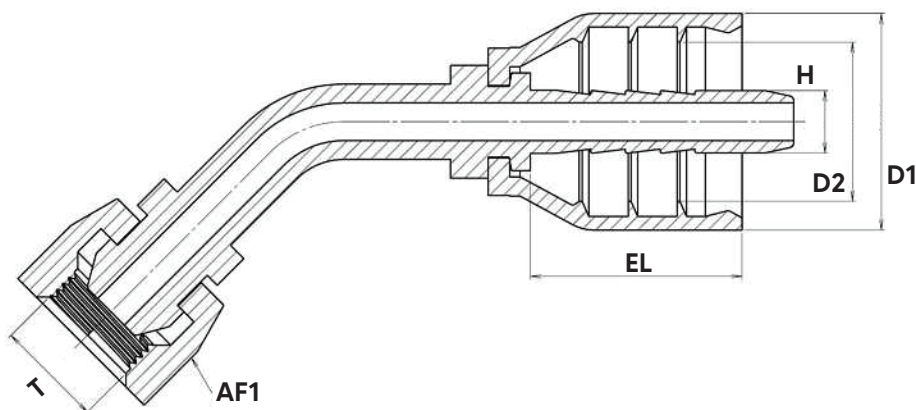
POLYFIT PART NO.	H	T	AF1	AF2	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FP-SS	1/4"	1/4" -18h NPSM	19	14	22.5	23	16.9	10743-04-04	883610404	H-43-FPX-04-04
PF43-06-06-FP-SS	3/8"	3/8" -18h NPSM	22	17	24.5	28	20.7	10743-06-06	883610606	H-43-FPX-06-06
PF43-08-08-FP-SS	1/2"	1/2" -14h NPSM	27	19	26.7	32	24.8	10743-08-08	883610808	H-43-FPX-08-08
PF43-12-12-FP-SS	3/4"	3/4" -14h NPSM	32	27	35.5	40	32	10743-12-12	883611212	H-43-FPX-12-12
PF43-16-16-FP-SS	1"	1" -11.5h NPSM	41	32	42	47	39	10743-16-16	883611616	H-43-FPX-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE NPT-NPSM FITTINGS

**PF-43-FP45-SS-ONE PIECE
NPSM FEMALE SWIVEL 60°
CONE (45° ELBOW) FITTING**



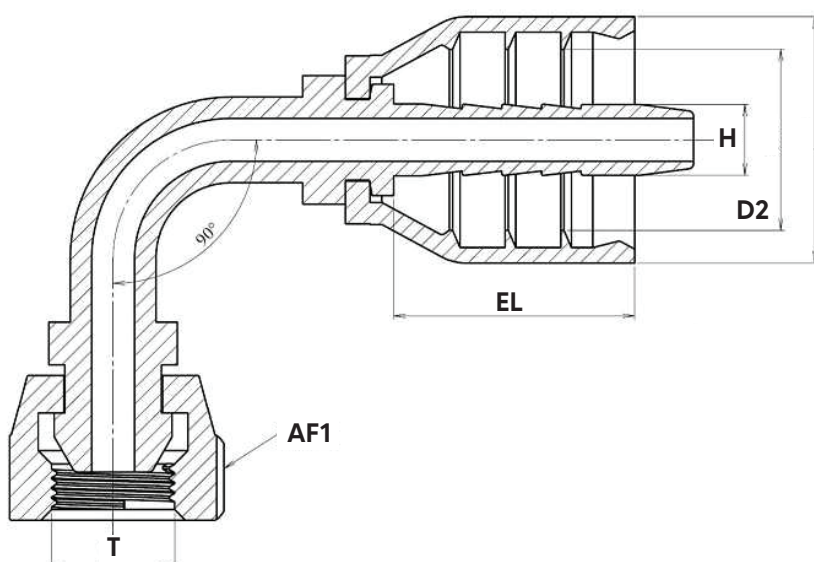
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FP45-SS	1/4"	1/4" -18h NPSM	19	22.5	23	16.9	-	882630404	H-43-FPX-45-04-04
PF43-06-06-FP45-SS	3/8"	3/8" -18h NPSM	22	24.5	28	20.7	-	882630606	H-43-FPX-45-06-06
PF43-08-08-FP45-SS	1/2"	1/2" -14h NPSM	27	26.7	32	24.8	-	882630808	H-43-FPX-45-08-08
PF43-12-12-FP45-SS	3/4"	3/4" -14h NPSM	32	35.5	40	32	-	882631212	H-43-FPX-45-12-12
PF43-16-16-FP45-SS	1"	1" -11.5h NPSM	41	42	47	39	-	882631616	H-43-FPX-45-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE NPT-NPSM FITTINGS

**PF-43-FP90-SS-ONE PIECE
NPSM FEMALE SWIVEL 60°
CONE (90° ELBOW) FITTING**



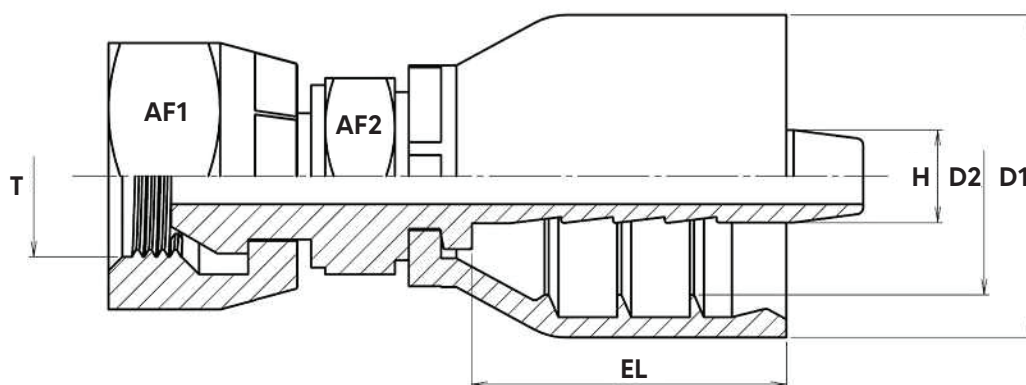
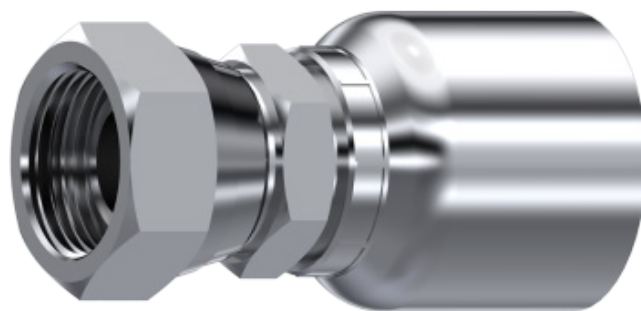
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FP90-SS	1/4"	1/4" -18h NPSM	19	22.5	23	16.9	-	882620404	H-43-FPX-90-04-04
PF43-06-06-FP90-SS	3/8"	3/8" -18h NPSM	22	24.5	28	20.7	-	882620606	H-43-FPX-90-06-06
PF43-08-08-FP90-SS	1/2"	1/2" -14h NPSM	27	26.7	32	24.8	-	882620808	H-43-FPX-90-08-08
PF43-12-12-FP90-SS	3/4"	3/4" -14h NPSM	32	35.5	40	32	-	882621212	H-43-FPX-90-12-12
PF43-16-16-FP90-SS	1"	1" -11.5h NPSM	41	42	47	39	-	882621616	H-43-FPX-90-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE BSP FITTINGS

**PF-43-FBSP-SS-ONE PIECE
DOUBLE HEXAGONAL BSP
FEMALE STRAIGHT 60° CONE
FITTING**



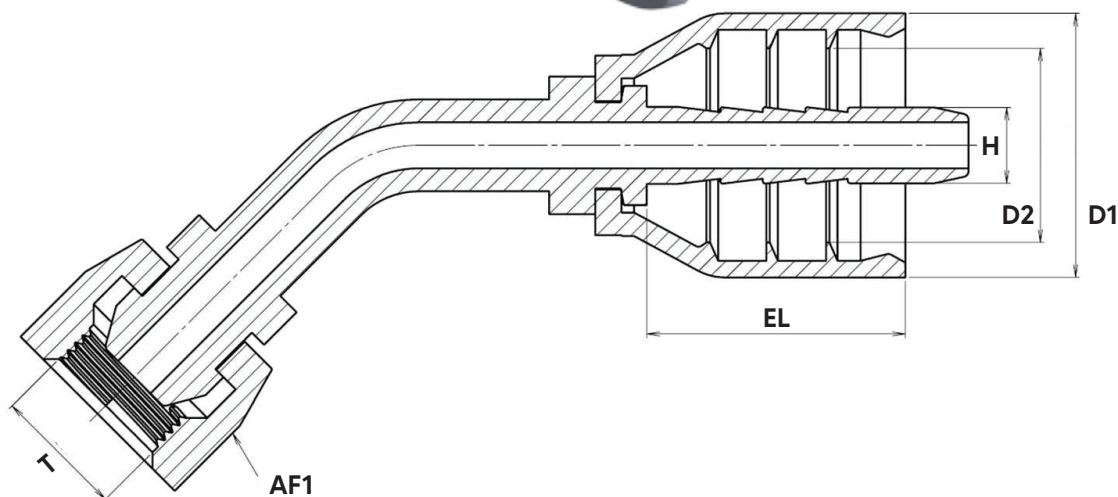
POLYFIT PART NO.	H	T	AF1	AF2	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FBSP-SS	1/4"	1/4" -19h BSP	19	14	22.5	23	16.9	19243-04-04	884000404	H-43-FBSP-04-04
PF43-06-06-FBSP-SS	3/8"	3/8" -19h BSP	22	17	24.5	28	20.7	19243-06-06	884000606	H-43-FBSP-06-06
PF43-08-08-FBSP-SS	1/2"	1/2" -14h BSP	27	19	26.7	32	24.8	19243-08-08	884000808	H-43-FBSP-08-08
PF43-12-12-FBSP-SS	3/4"	3/4" -14h BSP	32	27	35.5	40	32	19243-12-12	884001212	H-43-FBSP-12-12
PF43-16-16-FBSP-SS	1"	1" -11h BSP	41	32	42	47	39	19243-16-16	884001616	H-43-FBSP-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE BSP FITTINGS

**PF-43-FBSP45-SS-ONE PIECE
BSP FEMALE 60° CONE
(45° ELBOW) FITTING**



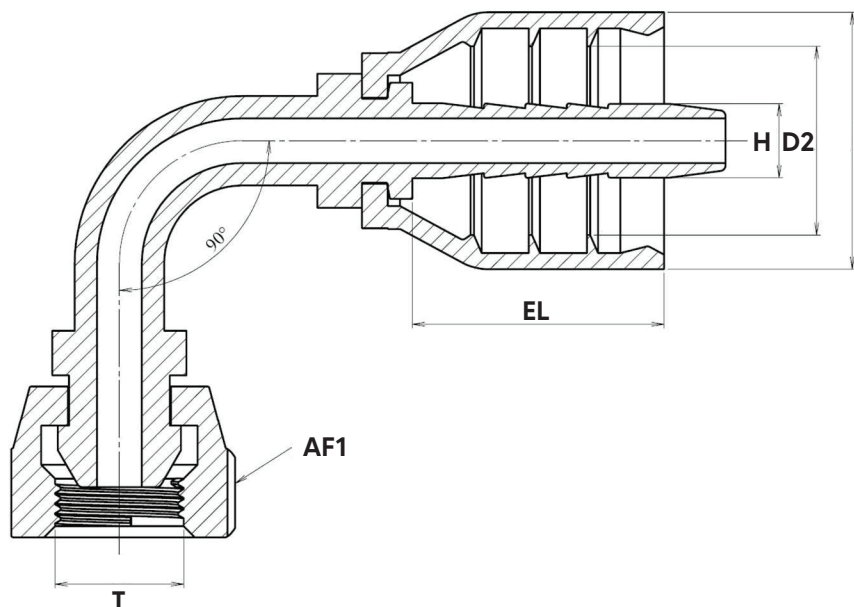
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FBSP45-SS	1/4"	1/4" -19h BSP	19	22.5	23	16.9	1B143-04-04	881080404	H-43-FBSP-45-04-04
PF43-06-06-FBSP45-SS	3/8"	3/8" -19h BSP	22	24.5	28	20.7	1B143-06-06	881080606	H-43-FBSP-45-06-06
PF43-08-08-FBSP45-SS	1/2"	1/2" -14h BSP	27	26.7	32	24.8	1B143-08-08	881080808	H-43-FBSP-45-08-08
PF43-12-12-FBSP45-SS	3/4"	3/4" -14h BSP	32	35.5	40	32	1B143-12-12	881081212	H-43-FBSP-45-12-12
PF43-16-16-FBSP45-SS	1"	1" -11h BSP	41	42	47	39	1B143-16-16	881081616	H-43-FBSP-45-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE BSP FITTINGS

**PF-43-FBSP90-SS-ONE PIECE
BSP FEMALE 60° CONE
(90° ELBOW) FITTING**



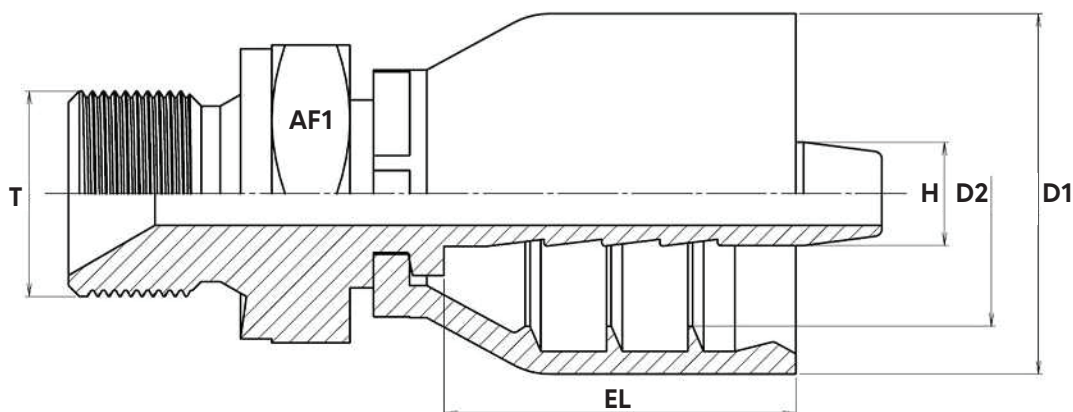
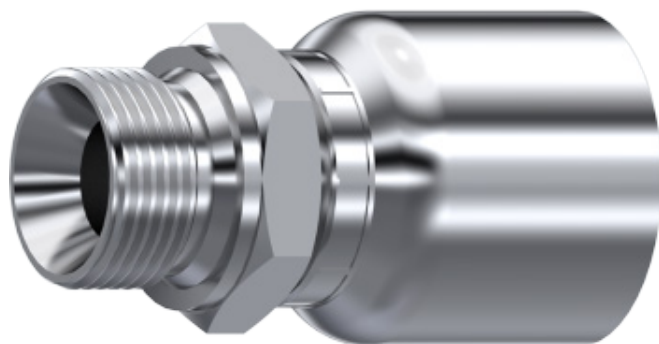
POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-FBSP90-SS	1/4"	1/4" -19h BSP	19	22.5	23	16.9	1B253-04-04	881070404	H-43-FBSP-90-04-04
PF43-06-06-FBSP90-SS	3/8"	3/8" -19h BSP	22	24.5	28	20.7	1B253-06-06	881070606	H-43-FBSP-90-06-06
PF43-08-08-FBSP90-SS	1/2"	1/2" -14h BSP	27	26.7	32	24.8	1B253-08-08	881070808	H-43-FBSP-90-08-08
PF43-12-12-FBSP90-SS	3/4"	3/4" -14h BSP	32	35.5	40	32	1B253-12-12	881071212	H-43-FBSP-90-12-12
PF43-16-16-FBSP90-SS	1"	1" -11h BSP	41	42	47	39	1B253-16-16	881071616	H-43-FBSP-90-16-16

Note:

1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

ONE PIECE BSP FITTINGS

**PF-43-MBSP-SS-ONE PIECE
BSP MALE 60° CONE FITTING**



POLYFIT PART NO.	H	T	AF1	EL	D1	D2	PARKER PART NO.	DICSA PART NO.	OMEGA PART NO.
PF43-04-04-MBSP-SS	1/4"	1/4" -19h BSP	19	22.5	23	16.9	1D943-04-04	881120404	H-43-MBSP-04-04
PF43-06-06-MBSP-SS	3/8"	3/8" -19h BSP	22	24.5	28	20.7	1D943-06-06	881120606	H-43-MBSP-06-06
PF43-08-08-MBSP-SS	1/2"	1/2" -14h BSP	27	26.7	32	24.8	1D943-08-08	881120808	H-43-MBSP-08-08
PF43-12-012-MBSP-SS	3/4"	3/4" -14h BSP	32	35.5	40	32	1D943-12-12	881121212	H-43-MBSP-12-12
PF43-16-16-MBSP-SS	1"	1" -11h BSP	41	42	47	39	1D943-16-16	881121616	H-43-MBSP-16-16

Note:

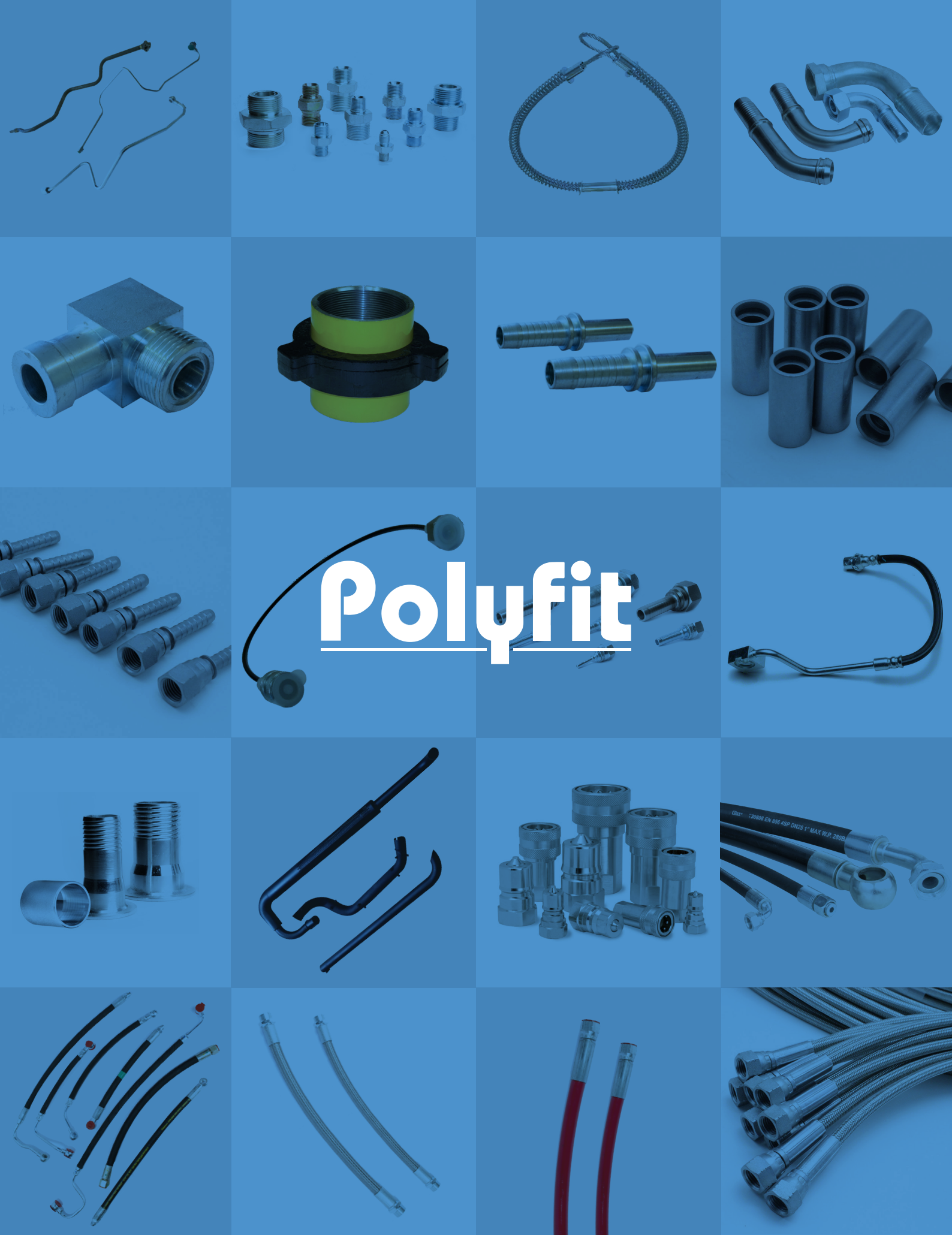
1. Additional sizes available on request.
2. This information is for guidance only, We reserve the right to alter or amend specifications as deemed necessary.
3. General tolerance is applicable.

CRIMPING CHART - PF/43CRIMPDIA/03-17/04/2024

SL. NO.	POLYFIT PART NO.	HOSE TYPE	HOSE DASH SIZE	HOSE ID	HOSE OD		CRIMP DIA	
				INCH	INCH	METRIC	INCH	METRIC
1	PF43-R1-04	SAE 100 R1	-4	1/4"	0.54	13.6	0.66	16.7
2	PF43-R1-05	SAE 100 R1	-5	5/16"	0.59	15.0	0.73	18.5
3	PF43-R1-06	SAE 100 R1	-6	3/8"	0.69	17.4	0.86	21.9
4	PF43-R1-08	SAE 100 R1	-8	1/2"	0.80	20.4	0.96	24.4
5	PF43-R1-10	SAE 100 R1	-10	5/8"	0.93	23.5	1.08	27.5
6	PF43-R1-12	SAE 100 R1	-12	3/4"	1.11	28.2	1.28	32.6
7	PF43-R1-16	SAE 100 R1	-16	1"	1.43	36.3	1.57	39.8
8	PF43-R2-04	SAE 100 R2	-4	1/4"	0.58	14.8	0.71	18.0
9	PF43-R2-05	SAE 100 R2	-5	5/16"	0.63	16.0	0.77	19.5
10	PF43-R2-06	SAE 100 R2	-6	3/8"	0.74	18.8	0.90	22.8
11	PF43-R2-08	SAE 100 R2	-8	1/2"	0.88	22.3	1.03	26.2
12	PF43-R2-10	SAE 100 R2	-10	5/8"	1.00	25.5	1.16	29.5
13	PF43-R2-12	SAE 100 R2	-12	3/4"	1.15	29.3	1.33	33.7
14	PF43-R2-16	SAE 100 R2	-16	1"	1.48	37.5	1.63	41.3
15	PF43-R16(2SC)-04	SAE 100 R16-2SC	-4	1/4"	0.53	13.4	0.67	17.0
16	PF43-R16(2SC)-05	SAE 100 R16-2SC	-5	5/16"	0.59	15.0	0.73	18.5
17	PF43-R16(2SC)-06	SAE 100 R16-2SC	-6	3/8"	0.69	17.5	0.86	21.9
18	PF43-R16(2SC)-08	SAE 100 R16-2SC	-8	1/2"	0.81	20.5	0.98	24.9
19	PF43-R16(2SC)-10	SAE 100 R16-2SC	-10	5/8"	0.96	24.5	1.12	28.5
20	PF43-R16(2SC)-12	SAE 100 R16-2SC	-12	3/4"	1.12	28.4	1.29	32.7
21	PF43-R16(2SC)-16	SAE 100 R16-2SC	-16	1"	1.43	36.2	1.57	40.0
22	PF43-R17-04	SAE 100 R17	-4	1/4"	0.51	13.0	0.67	17.0
23	PF43-R17-05	SAE 100 R17	-5	5/16"	0.57	14.5	0.71	18.0
24	PF43-R17-06	SAE 100 R17	-6	3/8"	0.65	16.5	0.83	21.0
25	PF43-R17-08	SAE 100 R17	-8	1/2"	0.81	20.6	0.96	24.5
26	PF43-R17-10	SAE 100 R17	-10	5/8"	0.93	23.5	1.08	27.5
27	PF43-R17-12	SAE 100 R17	-12	3/4"	1.16	29.4	1.31	33.2
28	PF43-R17-16	SAE 100 R17	-16	1"	1.48	37.5	1.61	41.0

Note:

1. Given crimp diameters are based on the above hose OD.
2. If the hose OD changed, Please correct with reference to the validated chart as shown above.



Polyfit Fabricators Pvt Ltd.

No. 3B - N.P. SIDCO Industrial, Estate Ambattur Chennai - 600 098.

✉ info@polyfit.co.in | 🌐 www.polyfit.co.in